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Environmental Assessment
Determinations and Compliance Findings for HUD-assisted Projects
24 CFR Part 58

Project Information

Project Name: Queens Botanical Garden Pavilion

Responsible Entity: City of New York Mayor's Office of Management and Budget (OMB)

Grant Recipient (if different than Responsible Entity): Queens Botanical Garden

State/Local Identifier: NA

Preparer: Juliet Jacobs

Certifying Officer Name and Title:
Julie Freeman, Associate Director, OMB – Managed Grants

Consultant (if applicable): NA

Project Location: 43-50 Main St, Flushing, NY 11355

Direct Comments to:
Julie Freeman
Associate Director
NYC Office of Management and Budget
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Via email to CDBGComments@omb.nyc.gov

Statement of Purpose and Need for the Proposal [40 CFR 1508.9(b)]:

Queens Botanical Garden (QBG) is an urban oasis where people, plants, and cultures are celebrated through inspiring gardens, innovative educational programs, and real-world applications of environmental stewardship. QBG is located on property owned by the City of New York, and its operation is made possible in part by public funds provided through the New York City Department of Cultural Affairs, the Queens Borough President, the New York City Council, State elected officials, the New York State Department of Parks, Recreation and Historic Preservation, along with corporate, foundation, and individual supporters.

The QBG grew out of the five-acre "Gardens on Parade" that was exhibited at the 1939-1940 New York World's Fair. After the World's Fair closed, the garden was expanded using funds from local area residents and officially opened in 1946 as "The Queens Botanical Garden Society." The garden remained at its original World's Fair location until 1961 when it was relocated to its current site at 43-50 Main Street in Flushing.

The purpose of the Proposed Project is to provide new amenity space in support of the QBG's goals to enhance the visitor's experience of the garden and provide new and expanded opportunities for visitors to explore the garden. The Proposed Project would also support the QBG's goals to better serve children and families visiting the garden by providing hands-on and interactive learning experiences. The Proposed Project would transform the southwest area of the garden with new amenities that would enhance the visitor experience of the QBG.

Description of the Proposed Project [24 CFR 50.12 & 58.32; 40 CFR 1508.25]:

The proposed project involves construction of an approximately 3,200 square foot open air pavilion structure within the southwest corner of the QBG. Project activities would include

- Site Demolition: which would likely include Shrub removal, clearing of debris, and topsoil stripping.
- Excavation and grading: Grading (shaping and leveling the ground surface) to design specifications, creating utility trenches and establishing drainage slopes.
- Pile installation: Installation of piles for the foundation.
- Foundation construction: Concrete cast in place foundation
- Stage construction: The stage would be a concrete cast in place slab (additional ground disturbance not anticipated but possible). There will also be prefabricated columns that will be installed to complete the structure.

- Utility installation: Installation of water lines for irrigation, and power lines for the stage.

- Landscaping: Final grading, likely an installation of erosion control measures such as a jute mesh, rain garden planting, installation of tall grasses, shrubs, and the installation of a new Katsura tree.

- Site furnishing: Installation of bench bump outs for benches will involve minor ground disturbance.

Project activities, along with related actions including the creation of a Kid's Culture Garden and multi-phase education center, were assessed by the Dormitory Authority of the State of New York (DASNY), as lead agency for the State Environmental Quality Review Act (SEQRA) analysis. This analysis, completed in July of 2021, has determined that no potential negative long-term or cumulative impacts or significant adverse environmental impacts were identified in connection with the proposed project or related activities. U.S. Department of Housing and Urban Development (HUD) Community Project Funding (CPF) will not be used for related activities and the proposed project would have independent utility from these actions. As such, these activities are not included in the following review.

Existing Conditions and Trends [24 CFR 58.40(a)]:

The project site is entirely within the QBG, which is New York City-owned parkland. The QBG is an approximately 39-acre property located in the Flushing neighborhood in the borough of Queens, New York. QBG land is owned by the City of New York and receives funding through the Office of the Mayor of New York, the New York City Council, and the Office of the Queens Borough President, with most City funding issued through the New York City Department of Cultural Affairs (DCLA). In addition, QBG receives New York State funding through the New York State Office of Parks, Recreation and Historic Preservation.

The QBG occupies Block 5107, Lot 200 and is within Kissena Corridor Park. The QBG is located at 43-50 Main Street and is bounded by Main Street to the east; Elder Avenue, 133rd Street, and Booth Memorial Avenue to the south; College Point Boulevard to the west; and Blossom and Dahlia Avenues and Crommelin Street to the north.

Funding Information

Grant Number	HUD Program	Funding Amount
B-24-CP-NY-1645	Community Project Funding	$500,000

Estimated Total HUD Funded Amount: $500,000

Estimated Total Project Cost (HUD and non-HUD funds) [24 CFR 58.32(d)]**:** $1,950,000

Compliance with 24 CFR 50.4, 58.5, and 58.6 Laws and Authorities

Record below the compliance or conformance determinations for each statute, executive order, or regulation. Provide credible, traceable, and supportive source documentation for each authority. Where applicable, complete the necessary reviews or consultations and obtain or note applicable permits of approvals. Clearly note citations, dates/names/titles of contacts, and page references. Attach additional documentation as appropriate.

Compliance Factors: Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5 and §58.6	Are formal compliance steps or mitigation required?	Compliance determinations
STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 50.4 and 58.6		
Airport Hazards 24 CFR Part 51 Subpart D	Yes ☐ No ☒	The project site is not located within 15,000 feet of a military airport or 2,500 feet of a civilian airport. The closest airports are LaGuardia Airport and John F. Kennedy International Airport (Attachment 2). The project site is located a sufficient distance from the Runway Protection Zones for each airport. Therefore, no further assessment is warranted, and no significant adverse impacts would occur to airport clear zones or accident potential zones as a result of the proposed project.
Coastal Barrier Resources Coastal Barrier Resources Act, as amended by the Coastal Barrier Improvement Act of 1990 [16 USC 3501]	Yes ☐ No ☒	There is only one Coastal Barrier Resource System (CBRS) Unit in New York City (NY-60P Jamaica Bay), which primarily consists of undeveloped land in the Gateway National Recreation Area (Attachment 3). The proposed project site is located outside of the nearest system, so there is no potential to impact a CBRS Unit and activities are in compliance with the Coastal Barrier Resources Act.
Flood Insurance Flood Disaster Protection Act of 1973 and National Flood Insurance Reform Act of 1994 [42 USC 4001-4128 and 42 USC 5154a]	Yes ☐ No ☒	The proposed project site is not located within the 100-year floodplain (Attachment 4). The project does not require flood insurance or is excepted from flood insurance. While flood insurance may not be mandatory in this instance, HUD recommends that all insurable structures maintain flood insurance under the National Flood Insurance Program (NFIP).

Compliance Factors: Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5 and §58.6	Are formal compliance steps or mitigation required?	Compliance determinations
		The project is in compliance with Flood Insurance requirements.
STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 50.4 & 58.5		
Clean Air Clean Air Act, as amended, particularly section 176(c) & (d); 40 CFR Parts 6, 51, 93	Yes ☐ No ☒	The proposed project is located in Queens County, New York, which is in a nonattainment area for 8-Hour Ozone (2008 and 2015) standards according to the U.S. Environmental Protection Agency (EPA) Greenbook (Attachment 5). Although project activities involve construction of a new public pavilion, these activities are not expected to substantively impact the NY State Implementation Plan (SIP), due to the size of the project. No additional air quality emissions are expected due to the project, once construction has been completed. Therefore, no significant impacts on air quality are expected.
Coastal Zone Management Coastal Zone Management Act, sections 307(c) & (d)	Yes ☒ No ☐	New York Department of State (DOS) administers the state's Coastal Management Program (CMP) but allows local municipalities to adopt Local Waterfront Revitalization Programs (LWRP) to supplement the CMP. New York City's LWRP was last updated in 2016 and identifies the Coastal Zone Boundary within the limits of New York City. For federally funded projects, both DOS and the New York City Department of City Planning (DCP) must confirm that projects do not substantially hinder the achievement of any WRP policies. According to the LWRP, the entire project area is within the Coastal Zone. An LWRP Consistency Assessment Form (CAF) was previously prepared and included in the SEQRA analysis of the project. Because the previous analysis was completed in 2021, construction completion dates do not align with the current scope of work. However, this

Compliance Factors: Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5 and §58.6	Are formal compliance steps or mitigation required?	Compliance determinations
		consultation was submitted to DCP to illustrate that the required analysis had already been performed, rather than to indicate adherence to the previous timeline. Based upon this information, DCP provided concurrence that the proposed project would not substantially hinder the achievement of any WRP policy (Attachment 6.1). DOS concluded that the proposed project would require a new submission, pursuant to 15 CFR 930 Subpart C. An updated consultation package was provided to DOS, in accordance with New Yor k State CMP requirements. On May 6, 2026, DOS provided a Concurrence with Consistency Determination (Attachment 6.2).
Contamination and Toxic Substances 24 CFR Part 50.3(i) & 58.5(i)(2)	Yes ☒ No ☐	A Phase I Environmental Site Assessment (ESA) was completed for the project site (Attachment 7.1). The ESA indicates that the project site has consisted of undeveloped land for as long as records have been available, as seen on historical maps and photographs dating back to 1903. Although the ESA was completed in 2020, current photographs indicate that site conditions remain unchanged (Attachment 1.1). The Phase I ESA reported unresolved Recognized Environmental Conditions (RECs) related to visual and/or olfactory evidence of limited petroleum contamination found in geotechnical borings completed near the project site in 2011. As recommended in the ESA, and as required by the SEQRA review, prior to any significant subsurface disturbance of on-site soil that would be required for the proposed project, a limited subsurface (Phase II) investigation (i.e., soil testing for disposal purposes and reuse, as applicable) was needed in areas of potential excavation to ensure that soil management

Compliance Factors: Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5 and §58.6	Are formal compliance steps or mitigation required?	Compliance determinations
		is conducted in accordance with applicable regulations. On August 30, 2024 a technical report was prepared which describes environmental testing performed to identify petroleum hydrocarbon concentrations. Testing was performed within the upper four feet of soil, located adjacent to the borings where there were contamination concerns, within the limits of the proposed pavilion. The report indicated that petroleum hydrocarbon concentration levels are below the industry standard actionable levels for petroleum (Attachment 7.2). Thus, no adverse impacts are expected as a result of contamination and / or toxic substances.
Endangered Species Endangered Species Act of 1973, particularly section 7; 50 CFR Part 402	Yes ☒ No ☐	Consultation was completed using the U.S. Fish and Wildlife Service's (USFWS) Information for Planning and Consultation (IPAC) system. IPaC identifies federally listed, proposed, and candidate species that may occur within the project area. The species list (Attachment 8.1) provided by the IPaC review included the following: • Piping Plover (charadrius melodus; bird; threatened): Analysis of impact to this species was conducted via the IPaC determination key (Attachement 8.2) and indicated a No Effect determination. Therefore, no further consultation was required for Piping Plovers. • Rufa Red Knot (calidris canutus rufa; bird; threatened): Analysis of impact to this species was conducted via the IPaC determination key and indicated a No Effect determination. Therefore, no further consultation was required for Piping Plovers.

Compliance Factors: Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5 and §58.6	Are formal compliance steps or mitigation required?	Compliance determinations
		• Monarch Butterfly (danaus plexippus; insect; proposed): The monarch is a proposed species. According to instructions in the IPaC consultation builder, proposed species are not required to be analyzed for consultation, unless you believe your Federal action is likely to jeopardize the continued existence of a proposed species. Although the Monarch Butterfly may sometimes be present in the project area, no individuals are present in site photos (Attachment 1.1). The USFWS analysis of the Monarch Butterfly states that saving this species requires: 1) achieve a significant increase in the availability of milkweed and nectar plants in monarch breeding and migratory areas; 2) protect and enhance overwintering habitat; 3) avoid and minimize impacts to monarchs and their habitat from insecticides and herbicides; and 4) maintain public support for the conservation of monarch butterflies. The proposed project would not cause a significant change in the availability of milkweed or nectar plants. Although the project would involve disturbance of vegetation, this would be confined to the common lawn species and approximately 20-30 trees and bushes that currently exist on site. No milkweed is present at the project site. Overwintering habitat, as defined by USFWS, for the Eastern Monarch Butterfly is in oyamel fir tree roosts located in mountainous regions of central Mexico, at an elevation of about 8,000 to nearly 12,000 feet, and would not be impacted by the proposed project.

Compliance Factors: Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5 and §58.6	Are formal compliance steps or mitigation required?	Compliance determinations
		The project would not involve the use of insecticides or herbicides. Finally, the purpose of the project is to provide a space for natural education, which could increase public support for the conservation of Monarch Butterflies. Therefore, it is reasonable to conclude that the federal funding of the proposed project is not likely to jeopardize the continued existence of the Monarch Butterfly. Additionally, the IPaC species list does not indicate any critical habitat is located at the proposed site. No take of migratory birds, including Bald and Golden Eagles, is expected to result from the proposed project. Therefore, proposed actions would comply with the Federal ESA of 1973, Section 7; 50 CFR Part 402.
Explosive and Flammable Hazards 24 CFR Part 51 Subpart C	Yes ☐ No ☒	The proposed project would not increase residential density, and the project site would remain in its current use as public parkland after implementation. However, project activities would convert undeveloped land to a built amenity space, which is likely to bring additional visitors to the project site and thus expose additional visitors if explosive and flammable hazards are present at the site. Therefore, a one-mile search was conducted for Aboveground Storage Tanks (ASTs) surrounding the project site, using the DECinfo Locator website (Attachment 9.1 and 9.2). Tanks which were closed, inactive, underground, or exempt due to size were excluded from the analysis. After compiling the list, the Acceptable Separation Distance (ASD) was calculated for the largest pressurized and unpressurized tanks (Attachment 9.3). The largest

Compliance Factors: Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5 and §58.6	Are formal compliance steps or mitigation required?	Compliance determinations
		possible ASD within one mile was determined to be 1,140.69 feet. ASDs for eligible sites within 1,140.69 feet were calculated. Although no ASDs intersected the project area, the ASD for 133-01 Booth Memorial Ave Realty falls close to the project site, and distances are approximate. However, publicly available realty listings for this site include photos which show that the tank is located inside the structure, likely in the basement (Attachment 9.4). Thus, a sufficient barrier exists between the project site and any explosive and flammable hazards. No further compliance or mitigation is required.
Farmlands Protection Farmland Protection Policy Act of 1981, particularly sections 1504(b) and 1541; 7 CFR Part 658	Yes ☐ No ☒	The proposed project involves construction of an open air pavilion at a site that has been dedicated vegetated parkland for many years. The U.S. Department of Agriculture (USDA) Soil Resource Report for the project site shows that the site is comprised of urban land and soils of the Laguardia-Ebbets complex (Attachment 10.1). According to data from the USDA Natural Resources Conservation Service (NRCS), this soil type is not considered "Prime and other Important Farmlands" (Attachment 10.2). Thus, no further compliance or mitigation is required.
Floodplain Management Executive Order 11988, particularly section 2(a); 24 CFR Part 55	Yes ☐ No ☒	The proposed project site does not occur in the 100-year or FFRMS floodplain (Attachment 4). The project is in compliance with Executive Orders 11988 and 13690.
Historic Preservation National Historic Preservation Act of 1966, particularly	Yes ☒ No ☐	During the 2021 SEQRA review, consultation with the State Historic Preservation Office (SHPO) and the Landmarks Preservation Commission (LPC) was initiated. Upon SHPO's recommendation, a Phase IA Archaeological Documentary Study was conducted

Compliance Factors: Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5 and §58.6	Are formal compliance steps or mitigation required?	Compliance determinations
sections 106 and 110; 36 CFR Part 800		which concluded that the project site was not expected to result in the disturbance of archaeological resources and no further archaeological analysis was recommended. SHPO concluded that that no properties, including archaeological and/or historic resources, listed in or eligible for the New York State and National Registers of Historic Places would be impacted by the project (Attachment 11.1 and 11.2). Additional consultation with SHPO and LPC was initiated to determine whether this determination could be applied to HUD-funded activities for the proposed project. On March 11, 2026, SHPO provided a letter opining that no historic properties, including archaeological and/or historic resources, will be affected by this undertaking (Attachment 11.3). On March 12, 2026, LPC confirmed there were no archaeological concerns for this project (Attachment 11.4), but advised that consultation with interested Tribal Nations was required. Invitations to consult on the proposed project were sent to the Delaware Tribe of Indians, the Delaware Nation, the Shinnecock Indian Nation, and the Stockbridge-Munsee Community. A response indicating the wish to consult was requested within 30 calendar days. No response was received from the Delaware Nation or the Shinnecock Indian Nation (Attachment 11.5). On March 18, 2026, the Tribal Historic Preservation Officer (THPO) of the Stockbridge-Munsee Community responded that he had no concerns as long as the following stipulations were met (Attachment 11.6): • If previously undocumented archaeological resources are encountered, contact the

Compliance Factors: Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5 and §58.6	Are formal compliance steps or mitigation required?	Compliance determinations
		Stockbridge-Munsee Community THPO and follow their Inadvertent Discovery Policy. • Give due attention to the incidental or routine movement of heavy machinery both inside and outside the stated Area of Potential Effects (APE) that may cause unintended or inadvertent impacts to cultural resources. • Should the proposed work be altered to expand beyond the current scope of work and/or APE, notify the Stockbridge-Munsee Community THPO. On April 29, 2026, the Delaware Tribe of Indians confirmed that they had no objections to the project as long as the following stipulations were met (Attachment 11.7): • If remains are discovered they must be covered with an unbleached, natural fiber cloth; Work should stop with a 100 meter/ 300 foot perimeter around discovery; NO invasive field test should be performed; NO images should be taken. The Delaware Tribe of Indians should be contacted immediately. • If any archaeological materials are discovered, work in the immediate area must be halted until an archaeologist can view and assess the finds. • An archaeological or Tribal monitor, specifically trained in soils, should be present for any activities which would disturb intact (not previously disturbed) soils. Activities such as pile driving are excluded from this condition. With implementation of these measures, compliance has been achieved.

Compliance Factors: Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5 and §58.6	Are formal compliance steps or mitigation required?	Compliance determinations
Noise Abatement and Control Noise Control Act of 1972, as amended by the Quiet Communities Act of 1978; 24 CFR Part 51 Subpart B	Yes ☐ No ☒	Based on the project description, this project includes no activities that would require further evaluation under HUD's noise regulation. Thus, no further compliance or mitigation is required.
Sole Source Aquifers Safe Drinking Water Act of 1974, as amended, particularly section 1424(e); 40 CFR Part 149	Yes ☐ No ☒	As shown in the attached map from the EPA interactive Sole Source Aquifer (SSA) mapper (Attachment 12.1), the proposed site is located within the boundaries of the recharge area of the Brooklyn-Queens Aquifer System. However, properties in these areas are primarily connected to the NYC municipal water supply and sewer system maintained by the NYC Department of Environmental Protection. Per the Memorandum of Understanding for Region II between the U.S. Environmental Protection Agency and the U.S. Department of Housing and Urban Development (Attachment 12.2), attached is a completed Initial Screen for Non-Housing Projects (Attachments 12.3). Based on the work scope and the attached maps from the New York State Department of Environmental Conservation, the screening resulted in no affirmative responses. Although the Water Wells Map (Attachment 12.4) shows that the site is within 2,640 feet of a water well, this well is listed as a monitoring well that does not appear to have any pump capacity. Therefore it is not considered to be a current public water supply well. Thus, no further compliance steps or mitigation is required.

Compliance Factors: Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5 and §58.6	Are formal compliance steps or mitigation required?	Compliance determinations
Wetlands Protection Executive Order 11990, particularly sections 2 and 5	Yes ☐ No ☒	The proposed project site is not located within or proximate to National Wetlands Inventory (NWI) wetlands (Attachment 13). Therefore, no impacts to wetlands are anticipated, and the proposed project is in compliance with EO 11990.
Wild and Scenic Rivers Wild and Scenic Rivers Act of 1968, particularly section 7(b) and (c)	Yes ☐ No ☒	There are no designated wild and scenic rivers within New York City (Attachment 14). Therefore, no further analysis is required.
ENVIRONMENTAL JUSTICE		
Environmental Justice Executive Order 12898	Yes ☐ No ☒	Compliance not currently required due to executive orders issued in January of 2025.

Environmental Assessment Factors [24 CFR 58.40; Ref. 40 CFR 1508.8 &1508.27] Recorded below is the qualitative and quantitative significance of the effects of the proposal on the character, features and resources of the project area. Each factor has been evaluated and documented, as appropriate and in proportion to its relevance to the proposed action. Verifiable source documentation has been provided and described in support of each determination, as appropriate. Credible, traceable and supportive source documentation for each authority has been provided. Where applicable, the necessary reviews or consultations have been completed and applicable permits of approvals have been obtained or noted. Citations, dates/names/titles of contacts, and page references are clear. Additional documentation is attached, as appropriate. **All conditions, attenuation or mitigation measures have been clearly identified.**

Impact Codes: Use an impact code from the following list to make the determination of impact for each factor.
(1) Minor beneficial impact
(2) No impact anticipated
(3) Minor Adverse Impact – May require mitigation
(4) Significant or potentially significant impact requiring avoidance or modification which may require an Environmental Impact Statement

Environmental Assessment Factor	Impact Code	Impact Evaluation
LAND DEVELOPMENT		
Conformance with Plans / Compatible Land Use and Zoning / Scale and Urban Design	1	The proposed project is a key part of the QBG's updated 2020 Master Plan. Implementation of the project would help to support several goals of the Garden. As a public open space, the project site is not subject to zoning regulations. Further, the proposed open air pavilion would involve low scale, modest structures within the southwestern area of the Garden and would have a low visual profile. Views of these new amenities within the QBG would be limited to nearby areas of the garden, with longer views from beyond the garden further limited by intervening landscaping and built structures. Further, the Proposed Project would be developed within the context of the QBG and would be consistent with other amenities. As the project site currently consists primarily of a grassy lawn with low plant diversity and without amenities (Attachment 1.1), the project is expected to improve upon existing urban design at the project site.
Soil Suitability / Slope / Erosion	2	On November 1, 2024 a Geotechnical Engineering Study Report was prepared for the project site (Attachment 16). According to this report, subsurface conditions generally consist of a 12 inch layer of topsoil, underlain by approximately 20 feet of fill, and successive strata of upper clay, sand, and lower clay. The report provides recommendations for project implementation to ensure there are no concerns regarding soil suitability, slope or erosion. So long as these recommendations are incorporated into the proposed project, no adverse impacts are expected.
Drainage / Storm Water Runoff	2	It is anticipated that the project site would connect to the local sewer infrastructure in the area which is consistent with other existing structures in the QBG. Further, the Proposed Project does not involve development on a site one (1) acre or larger; and would not involve construction of a new storm water outfall. Additionally, it is the QBG's intention to manage and recirculate all storm water on site, within the QBG.

Environmental Assessment Factor	Impact Code	Impact Evaluation
Hazards and Nuisances including Site Safety and Noise	2	The proposed project would not be significantly impacted by any hazards or nuisances upon completion. Nor is it expected to pose a hazard or generate significant noise concerns for the surrounding community. During proposed project implementation, all laws and regulations concerning the proper handling, removal and disposal of waste or fill material should be complied with. The proposed project site should be maintained in good, clean, orderly manner, free of any trash, debris or junk materials. It is anticipated that staging areas and construction activities would take place primarily at the proposed project site, and that construction will abide by municipal and state safety regulations and code.

Environmental Assessment Factor	Impact Code	Impact Evaluation
SOCIOECONOMIC		
Employment and Income Patterns	2	The proposed construction of a public pavilion is not expected to impact employment or income patterns following project completion.
Demographic Character Changes, Displacement	2	The proposed project is not expected to introduce or displace any residents, nor would it displace any employees or a business or institution. The project is intended to fulfill existing needs for visitors to the QBG and thus is not expected to result in any significant increase in visitors. The Proposed Project would be consistent with and would contribute to the existing open space uses at the QBG.
Environmental Justice	2	Compliance not currently required due to executive orders issued in January of 2025.

Environmental Assessment Factor	Impact Code	Impact Evaluation
COMMUNITY FACILITIES AND SERVICES		
Educational and Cultural Facilities	2	The proposed activities would not generate any residents; therefore, no increased demand for or significant impact on educational facilities is expected.

Environmental Assessment Factor	Impact Code	Impact Evaluation
Commercial Facilities	2	The proposed activities would not generate any residents or businesses; therefore, no increased demand for or significant impact on commercial facilities is expected.
Health Care and Social Services	2	Because the proposed action would not generate any new residents or lead to a significant increase in the number of workers or visitors, the proposed project would not result in significant adverse impacts to health care or social services.
Solid Waste Disposal / Recycling	2	The city's solid waste system includes waste minimization at the point of generation, collection, treatment, recycling, composting, transfer, processing, energy recovery, and disposal. As the proposed project is not expected to result in any significant increase in staff or visitor populations, it is not expected to generate a substantial amount of solid waste upon completion.
Wastewater / Sanitary Sewers	2	Though the project site is located in an area identified as "other" on New York City Department of Environmental Protection (DEP)'s map of New York City drainage systems, it is conservatively assumed that the Proposed Project would connect to the local sewer infrastructure in the area which is consistent with other existing structures in the QBG. Further, the proposed project does not involve development on a site one (1) acre or larger; and would not involve construction of a new storm water outfall. Therefore, the proposed project would not result in any significant impacts of water and sewer infrastructure, and no further analysis is necessary.
Water Supply	2	New York City's potable water supply is provided by DEP. The proposed project would not result in a significant demand for water. Further, it is the QBG's intention to manage and repurpose all storm water on site, within the QBG.
Public Safety - Police, Fire and Emergency Medical	2	The proposed project is not expected to introduce a sizeable new population to the neighborhood, nor would it directly displace a police or fire station. Therefore, the proposed project would not result in significant adverse impacts to public safety.
Parks, Open Space and Recreation	2	The proposed project would not result in the physical loss of public open space and would instead provide new

Environmental Assessment Factor	Impact Code	Impact Evaluation
		and open space amenities within the QBG. Additionally, the project site, located within the southwest portion of the 39-acre QBG, is in an area of Queens that has an abundance of Parks, open space, and recreational opportunities. The project is not expected to significantly increase the number of visitors to the QBG.
Transportation and Accessibility	2	The QBG is accessible by car and parking is provided for a fee. Alternatively, the QBG is accessible via the Q44SBS or Q20A/B buses or the no. 7 subway. The project site can be reached by paved pathways and QBG may provide wheelchairs on a first come, first served basis. The proposed project is not expected to result in any significant increase in staff or visitor populations and would, therefore, not result in any significant adverse transportation (traffic, parking, transit, or pedestrian) impacts.

Environmental Assessment Factor	Impact Code	Impact Evaluation
NATURAL FEATURES		
Unique Natural Features, Water Resources	2	The proposed project is in parkland; however, any unique natural features or water resources at the QBG are not part of the project site. No impacts to unique natural features or water resources would result from the proposed project.
Vegetation, Wildlife	3	Within the project site, natural resources are limited to mowed lawn with trees and urban structure exterior ecological communities with common lawn species (e.g., Kentucky bluegrass [Poa pratensis], perennial ryegrass [Lolium perenne], tall fescue [Festuca arundinacea], white clover [Trifolium repens], red clover [Trifolium pratense], and common dandelion [Taraxacum officinale]), planted trees (e.g., crabapple [Malus sp.], eastern cottonwood [Populus deltoides], ginkgo [Ginkgo biloba], white oak [Quercus alba]), and ornamental shrubs. Examples of commonly occurring wildlife species in the project area include house sparrow (*Passer domesticus)*, rock pigeon (*Columba livia)*, European starling (*Sturnus vulgaris)*, and gray squirrel (*Sciurus carolinensis*). Wildlife using the limited habitats within the project site would be expected to find similar available habitat nearby within the vicinity of the project site. Secondary impacts due to increased noise and human activity during construction may temporarily displace some wildlife species to similar habitats in the vicinity of the project site. However, most of the wildlife species are disturbance tolerant and would not be affected. The project would lead to unavoidable minor habitat loss However, activities are being planned and sited in coordination with the QBG's arborists in consideration of minimizing impacts to trees during construction. Planned tree protection would include measures such as installing fencing around trees and locating heavy equipment away from tree root zones. Additionally, creation of comparable native habitat to that being impacted by the proposed project is planned as part of the Kids Culture Garden being created in another part of the QBG.
Other Factors	NA	NA

Environmental Assessment Factor	Impact Code	Impact Evaluation
CLIMATE AND ENERGY		
Climate Change	2	Compliance not currently required due to executive orders issued in January of 2025.
Energy Efficiency	2	Compliance not currently required due to executive orders issued in January of 2025.

Additional Studies Performed:

Type of Study	Date of Study	Performed by
Phase I Environmental Site Assessment	12/01/2020	AKRF, Inc.
Phase 1A Archaeological Documentary Study	02/2021, revised 03/2021	AKRF, Inc.
Petroleum Hydrocarbon Testing	08/30/2024	Langan Engineering & Environmental Services
Geotechnical Engineering Study Report	11/01/2024	Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

List of Sources, Agencies and Persons Consulted [40 CFR 1508.9(b)]:

Consultation was initiated with the following parties in March of 2026.

Agency / Entity Consulted	Initiation	Response
Delaware Nation	3/13/2026	NA
Delaware Tribe of Indians	3/13/2026	4/29/2026
NYC Department of City Planning	3/17/2026	3/17/2026
NYC Landmarks Preservation Commission	3/9/2026	3/12/2026
NYS Department of State, Consistency Review Unit	3/17/2026	5/6/2026

Agency / Entity Consulted	Initiation	Response
NYS Office of Parks, Recreation, and Historical Preservation	3/9/2026	3/11/2026
Shinnecock Indian Nation	3/13/2026	NA
Stockbridge-Munsee Community	3/13/2026	3/18/2026

Specific details of these consultations are discussed in the compliance checklists above. Records of these consultations are included in the attachments.

Sources:

DASNY, State Environmental Quality Review Act – Negative Declaration and Environmental Assessment, July 14, 2021

DCP, Special Processes:
https://www.nyc.gov/content/planning/pages/applicants/special-processes

DEC, Bulk Storage Database Search:
https://appfactory.dec.ny.gov/DERExternalSearch/BulkStorageSearch

DEC, DECinfo Locator:
https://gisservices.dec.ny.gov/gis/dil/

EPA, Current Nonattainment Counties for All Criteria Pollutants – Green Book:
https://www3.epa.gov/airquality/greenbook/ancl.html#NY

EPA, Sole Source Aquifers:
https://experience.arcgis.com/experience/1bfab371d71e4b868fc9ae7df62a16fe

Federal Emergency Management Agency (FEMA), Flood Map Changes Viewer:
https://hazards-fema.maps.arcgis.com/apps/webappviewer/index.html?id=5852ea902db44e55bfce395799315f9c

HUD, Acceptable Separation Distance Electronic Assessment Tool:
https://www.hudexchange.info/programs/environmental-review/asd-calculator/

Memorandum of Understanding Between HUD and EPA, Region II, New York, NY, August 1990

PDC, Design Commission:
https://www.nyc.gov/site/designcommission/index.page

Port Authority of NY & NJ, Runway Protection Zones for LaGuardia and JFK Airports – KMZ files, October 2016

Queens Botanical Garden Master Plan, Updated February 2020:
https://queensbotanical.org/wp-content/uploads/2015/12/masterplan_2020.pdf

Queens Botanical Garden, Site Photos, February 2026

Realty.com, Listing of 133-01 Booth Memorial Ave, Flushing, NY 11355
https://www.realty.com/commercial-listings/394683474/133-01-Booth-Memorial-Ave-Ave-Flushing-NY-11355

USDA, NRCS Prime and other Important Farmlands:
https://www.nrcs.usda.gov/publications/Legend and Prime Farmland - Query by Soil Survey Area.html

USDA, Web Soil Survey:
https://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx

USFWS, Coastal Barrier Resources System Mapper:
https://fwsprimary.wim.usgs.gov/cbrs-mapper-v2/

USFWS, Information for Planning and Consultation:
https://ipac.ecosphere.fws.gov/

USFWS, Monarch:
https://www.fws.gov/species/monarch-danaus-plexippus

USFWS, National Wetlands Inventory:
https://fwsprimary.wim.usgs.gov/wetlands/apps/wetlands-mapper/

List of Permits Obtained:
To be determined

Public Outreach [24 CFR 50.23 & 58.43]**:**
As outlined in Chapter 37 of the New York City Charter, the NYC Public Design Commission (PDC) has jurisdiction over permanent structures, landscape architecture, and art proposed on or over City-owned property. PDC is made up of 11 members who serve pro bono and meet once per month to review and vote on projects submitted by City agencies. Members include an architect, landscape architect, painter, sculptor, and three lay members, as well as representatives of the Brooklyn Museum, Metropolitan Museum of Art, New York Public

Library, and the Mayor. On October 16, 2023, the PDC provided unanimous preliminary approval of the proposed project (Attachment 17).

PDC meeting agendas are posted on the NYC Design website three business days in advance of each meeting, and published in the City Record. Agendas are also distributed to all City Council members, Community Boards, and City agency liaisons. The meeting in which the proposed project was approved was held in-person at the Public Design Commission Board Room on the 3rd floor of City Hall. The meeting was open to members of the public, who were able to give testimony in person, or remotely via Zoom. The meeting was also livestreamed on YouTube.

Cumulative Impact Analysis [24 CFR 58.32]:

As mentioned above, other activities are planned within the QBG, including, but not limited to, a Kid's Culture Garden and multi-phase education center. These activities were sometimes analyzed together in the SEQRA review and / or in additional studies that were supplemental to that review. However, the proposed project would occur in a distinct geographical area from these activities. Additionally, HUD CPF funds are only planned for the proposed project. Activities associated with the proposed project are distinct and would be able to be completed independently of any other planned projects at the QBG. Thus, the proposed project is considered to have independent utility and would not require aggregation with any other projects.

Alternatives [24 CFR 58.40(e); 40 CFR 1508.9]

No Action Alternative [24 CFR 58.40(e)]: A no action alternative was considered. This would mean that the proposed project site would remain in its current state as an underutilized part of the Garden with limited benefit to human visitors or wildlife. The no action alternative would mean that a key goal of the 2020 QBG Master Plan would not be achieved.

Proposed Project: The proposed project involves construction of an approximately 3,200 square foot open air pavilion structure within the southwest corner of the Garden. The purpose of the Proposed Project is to provide new amenity space which would support exploration and educational opportunities for visitors.

The proposed project was selected because it would provide additional value and opportunities to visitors, and because it would contribute to the achievement of the 2020 QBG Master Plan.

Summary of Findings and Conclusions:

Overall, the proposed project would provide new amenity space to a beloved community resource and would contribute to the achievement of the 2020 QBG Master Plan. This analysis indicates that these beneficial impacts outweigh any temporary, adverse, impacts, which may occur during project implementation.

The proposed project complies with environmental requirements for funding. The following mitigation measures are required in order to minimize any potential adverse environmental impacts and to ensure compliance is maintained.

Mitigation Measures and Conditions [40 CFR 1505.2(c)]

Summarize below all mitigation measures adopted by the Responsible Entity to reduce, avoid, or eliminate adverse environmental impacts and to avoid non-compliance or non-conformance with the above-listed authorities and factors. These measures/conditions must be incorporated into project contracts, development agreements, and other relevant documents. The staff responsible for implementing and monitoring mitigation measures should be clearly identified in the mitigation plan.

Endangered Species

Proposed activities must be completed without the use of herbicides or insecticides. If use of these chemicals are planned, further analysis must first be completed for potential impacts to threatened and endangered species. Additional consultation with the US Fish and Wildlife Service may be required.

Hazards and Nuisances including Site Safety and Noise

During project implementation, all laws and regulations concerning the proper handling, removal and disposal of waste or fill material should be complied with. The proposed project sites should be maintained in good, clean, orderly manner, free of any trash, debris or junk materials. To the extent possible, staging areas and construction activities should take place primarily at the proposed project site, and construction must abide by municipal and state safety regulations and code.

Historic Preservation

If remains or cultural / archaeological resources are discovered during project implementation, work must stop immediately and the New York City Office of Management and Budget, the State Historic Preservation Office (SHPO), and the appropriate Indigenous Nations must be immediately informed. The discovery protocols of SHPO, the Stockbridge-Munsee Community, and the Delaware Nation must be followed (Attachment 11.8). Additionally, if the discovery is believed to be human remains, work within a 300-foot perimeter of the discovery must stop while consultation is ongoing. The discovery should be covered with an unbleached, natural fiber cloth. No invasive field tests or images should be taken in relation to the discovery.

To the greatest extent possible, work involving heavy machinery should be avoided during project implementation.

If project activities would involve the disturbance of intact, undisturbed soils, an archaeological or Tribal monitor, specifically trained in soils, must be present during these activities. Activities such as pile driving are excluded from this condition. If there are changes or additions to the current scope of work, additional consultation with Indigenous

Nations, SHPO, and the New York City Landmarks Preservation Commission may be required.

Soil Suitability / Slope / Erosion

The recommendations of the 2024 Geotechnical Engineering Study Report should be followed to ensure there are no adverse impacts to soil suitability, slope or erosion.

Vegetation

Any trees near the project area must be protected by measures including protective fencing and avoidance of any heavy equipment being located above tree roots, to the extent possible. If native habitat is adversely impacted by the proposed project, comparable native habitat must be created in a different part of the Garden.

Determination

☒ **Finding of No Significant Impact** [24 CFR 58.40(g)(1)]
The project will not result in a significant impact on the quality of the human environment.

☐ **Finding of Significant Impact** [24 CFR 58.40(g)(2)]
The project may significantly affect the quality of the human environment.

Certifications

Preparer Signature: Juliet Jacobs Date: 05/26/2026

Name/Title/Organization: Juliet Jacobs, Environmental Unit Head, Community Development, NYC Mayor's Office of Management and Budget

Responsible Entity Agency Official Signature:

J. Freeman Date: May 28, 2026

Name/Title: Julie Freeman, Associate Director, OMB-Managed Grants, NYC Mayor's Office of Management and Budget

This original, signed document and related supporting material must be retained on file by the Responsible Entity in an Environmental Review Record (ERR) for the activity/project (ref: 24 CFR Part 58.38) and in accordance with recordkeeping requirements for the HUD program(s).

ATTACHMENTS

Attachment	Description
1	Site Plans
1.1	2026 Site Photos
2	Airport Hazards Map
3	CBRS Mapper Documentation
4	Flood Hazard Document
5	EPA Green Book
6.1	DCP Consultation Package
6.2	DOS Consultation Package
7.1	Phase I Environmental Site Assessment
7.2	Technical Report
8.1	IPaC Species List
9.1	Potential Aboveground Storage Tanks Map
9.2	List of Aboveground Storage Tanks
9.3	Acceptable Separation Distance Calculations
9.4	Aboveground Storage Tank Photo
10.1	Soil Resource Report
10.2	Prime and other Important Farmlands
11.1	SHPO Consultation Package
11.2	LPC Consultation Package
11.3	SHPO Concurrence
11.4	LPC Concurrence
11.5	Tribal Consultation Package
11.6	Stockbridge-Munsee Community Response
11.7	Delaware Tribe of Indians Consultation Record
11.8	Inadvertent Discovery Policies
12.1	Sole Source Aquifers Map
12.2	Signed MOU
12.3	Non-Housing Project Screen
12.4	Water Wells Map
13	Wetlands Map
14	Wild and Scenic Rivers Statement
15	State Environmental Quality Review Act Analysis
16	Geotechnical Report
17	Public Design Commission

1 – Site Plans

QUEENS BOTANICAL GARDEN

PAVILION

12.17.24

BKSK

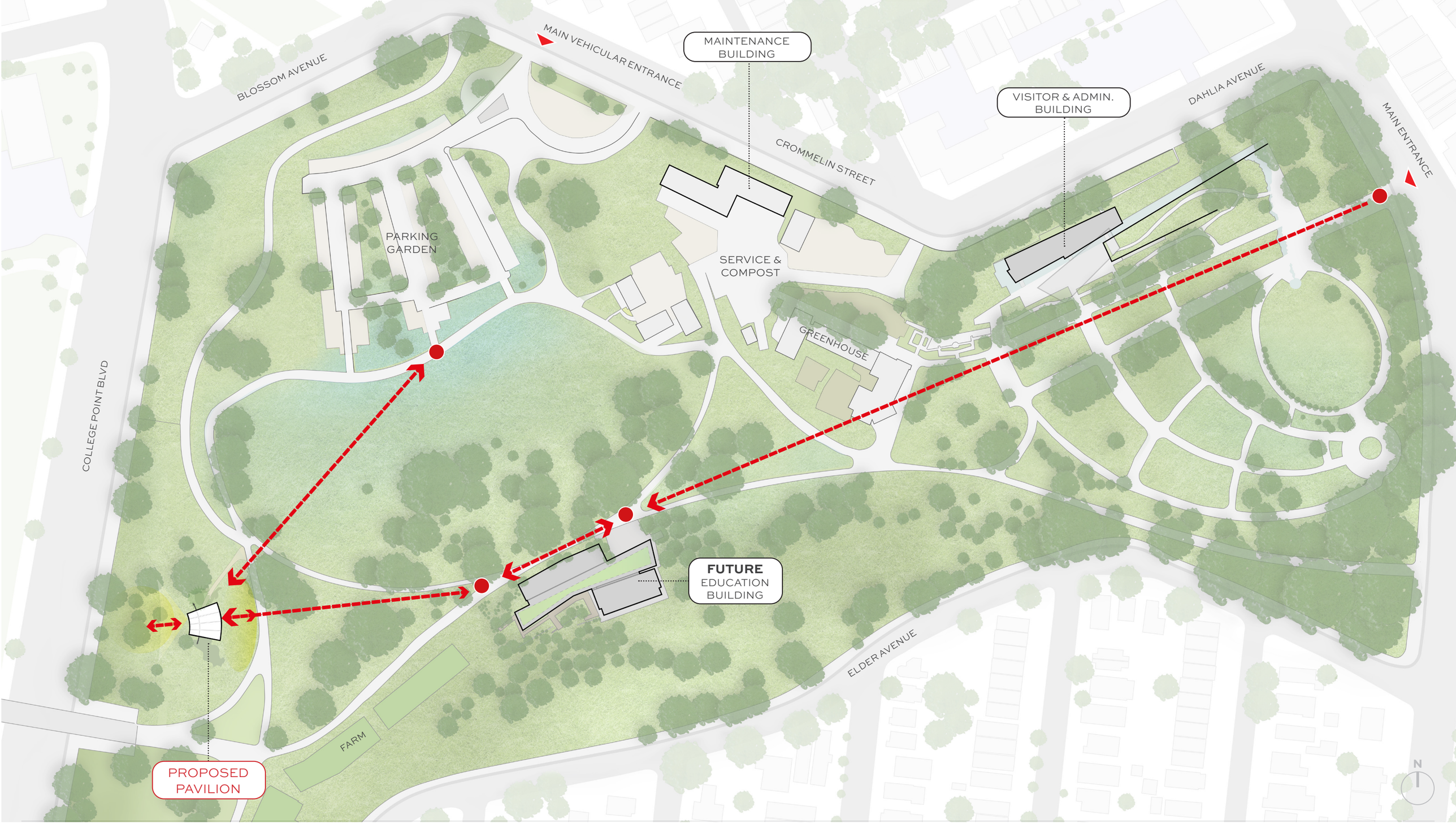
RKLA Studio
LANDSCAPE ARCHITECTURE

Silman

Queens Botanical Garden

NYC Cultural Affairs

NYC Parks



PROPOSED SITE VISIBILITY

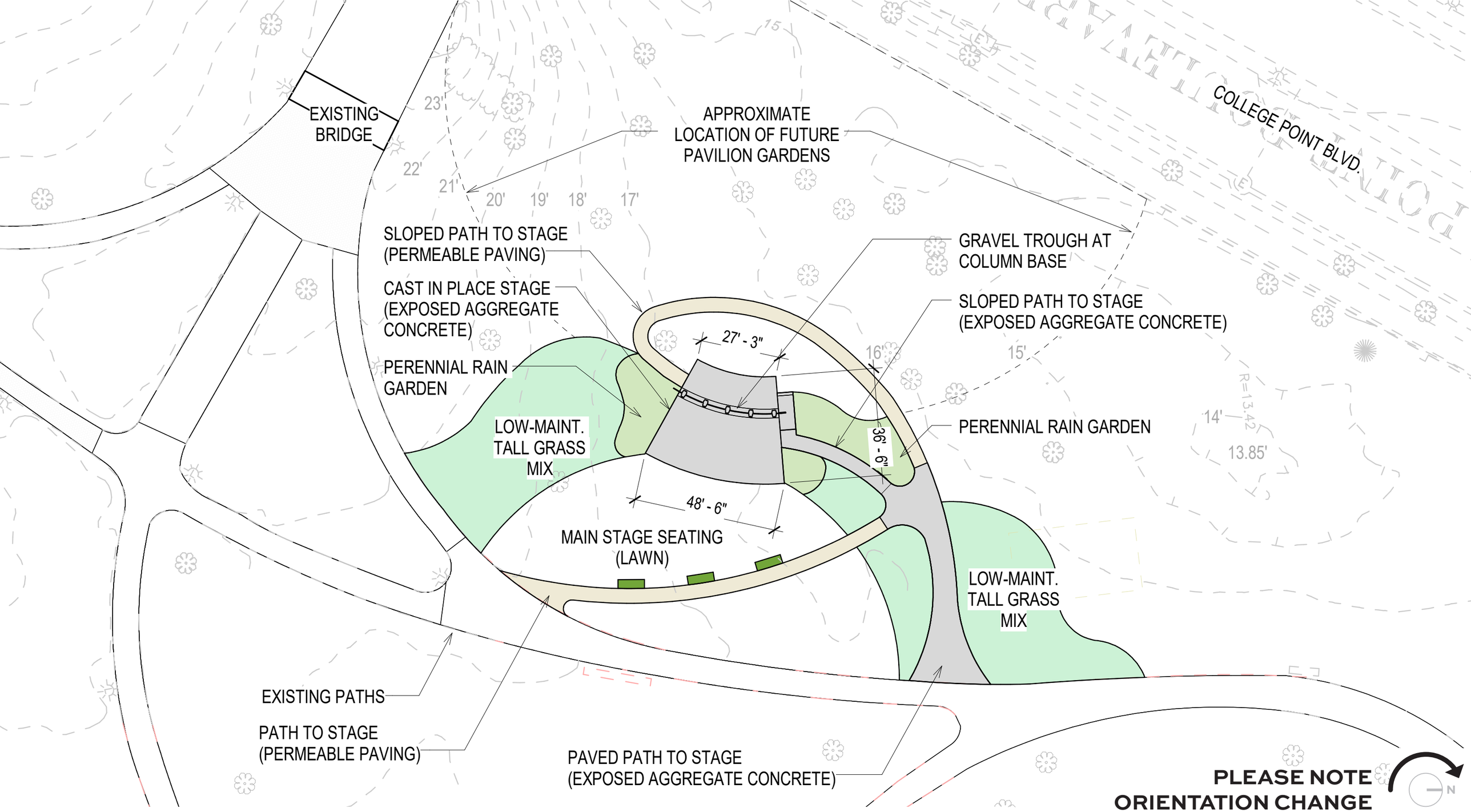
QBG PAVILION

BKSK RKLA Studio LANDSCAPE ARCHITECTURE Silman Queens Botanical Garden NYC Cultural Affairs NYC Parks

PROPOSED SITE ACCESS

QBG PAVILION

BKSK RKLA Studio LANDSCAPE ARCHITECTURE Silman Queens Botanical Garden NYC Cultural Affairs NYC Parks



PROPOSED SITE PLAN

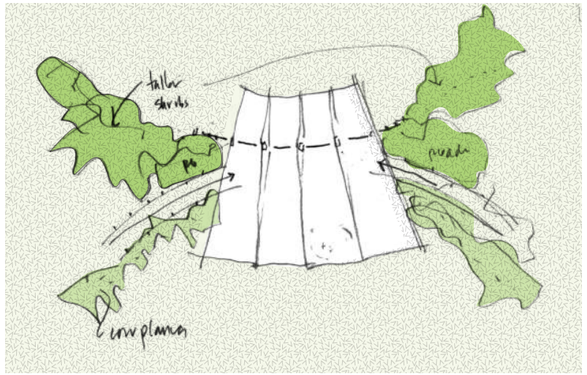
QBG PAVILION

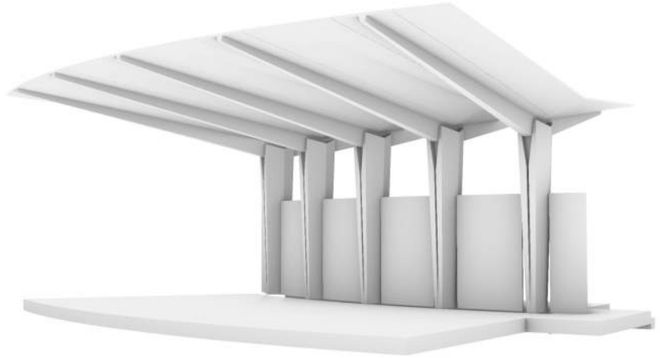
BKSK RKLA Studio LANDSCAPE ARCHITECTURE Silman Queens Botanical Garden NYC Cultural Affairs NYC Parks

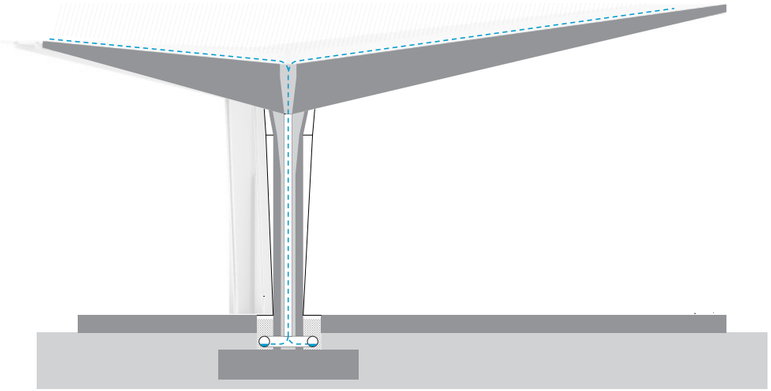
VIEW OF THE MAIN STAGE

QBG PAVILION

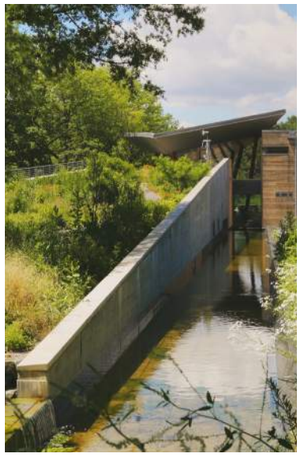
BKSK RKLA Studio LANDSCAPE ARCHITECTURE Silman Queens Botanical Garden NYC Cultural Affairs NYC Parks







DUCTAL UHPC

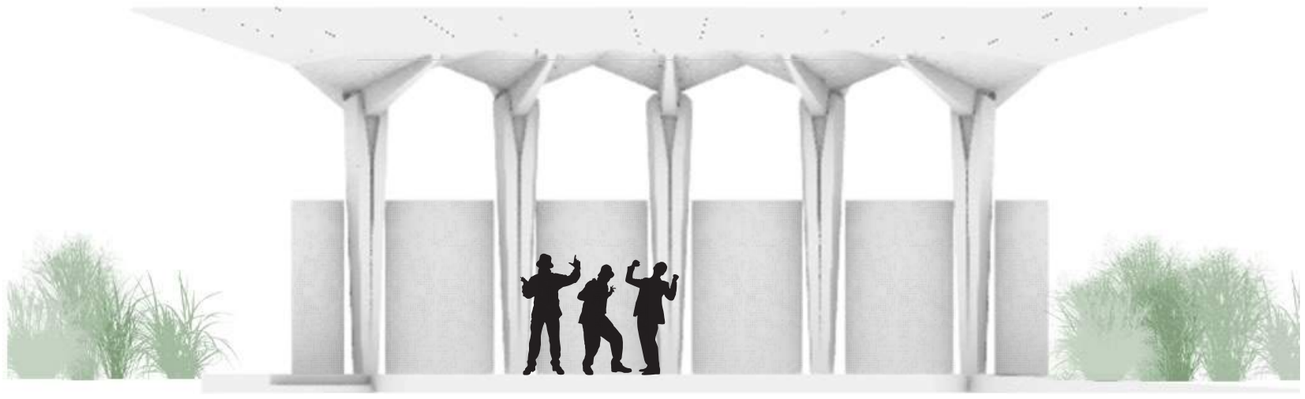


- each structure features a welcoming roof / folded roofs are in dialog with each other
- material choices are in response to site conditions and programmatic requirements: concrete, wood and steel
- on-site water management is integral to each structure
- each structure integrates and frames a landscape

BKSK RKLA Studio LANDSCAPE ARCHITECTURE Silman Queens Botanical Garden NYC Cultural Affairs NYC Parks

MAIN STAGE ELEVATION

SIDE ELEVATION



BACK STAGE / GATHERING ELEVATION

ELEVATIONS

QBG PAVILION

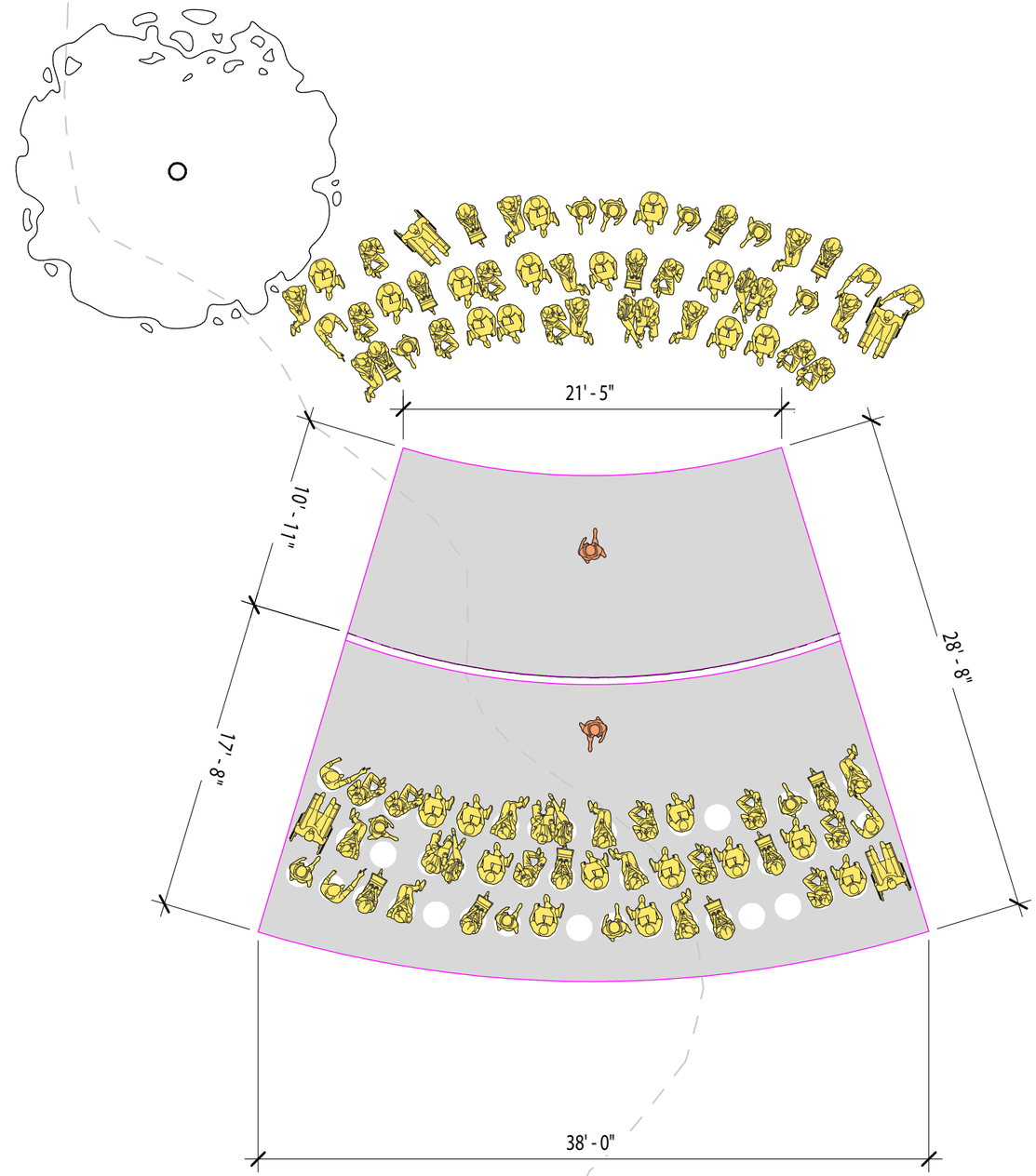
BKSK RKLA Studio LANDSCAPE ARCHITECTURE Silman Queens Botanical Garden NYC Cultural Affairs NYC Parks

FOOTPRINT SIZING_38'_NEW PROPOSED

QBG PAVILION

1/32" = 1'-0"
Project Number: 2218
07.01.2024

BKSK



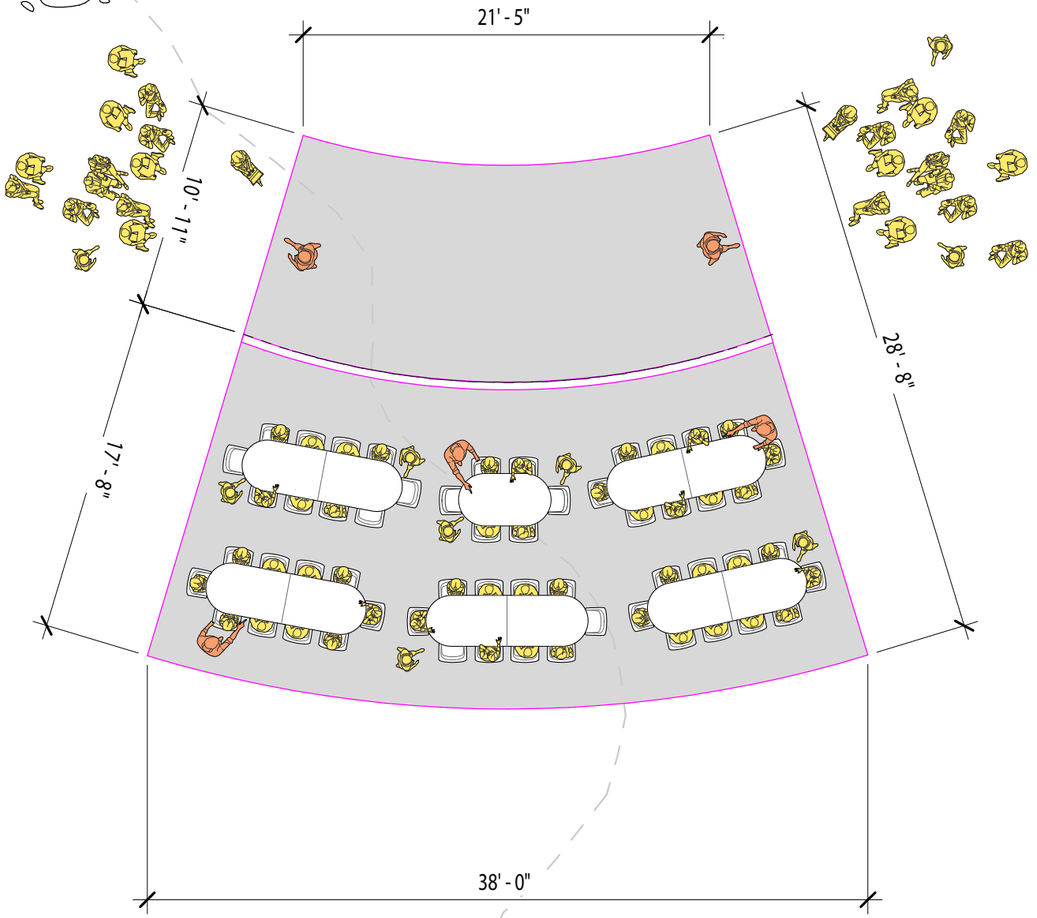
FOOTPRINT SIZING_38'_NEW PROPOSED_A

QBG PAVILION

10

1/8" = 1'-0"
Project Number: 2218
07.01.2024

BKSK



COUNT OF PEOPLE IN PAVILION: 50-55

FOOTPRINT SIZING_38'_NEW PROPOSED_B

QBG PAVILION

1/8" = 1'-0"
Project Number: 2218
07.01.2024

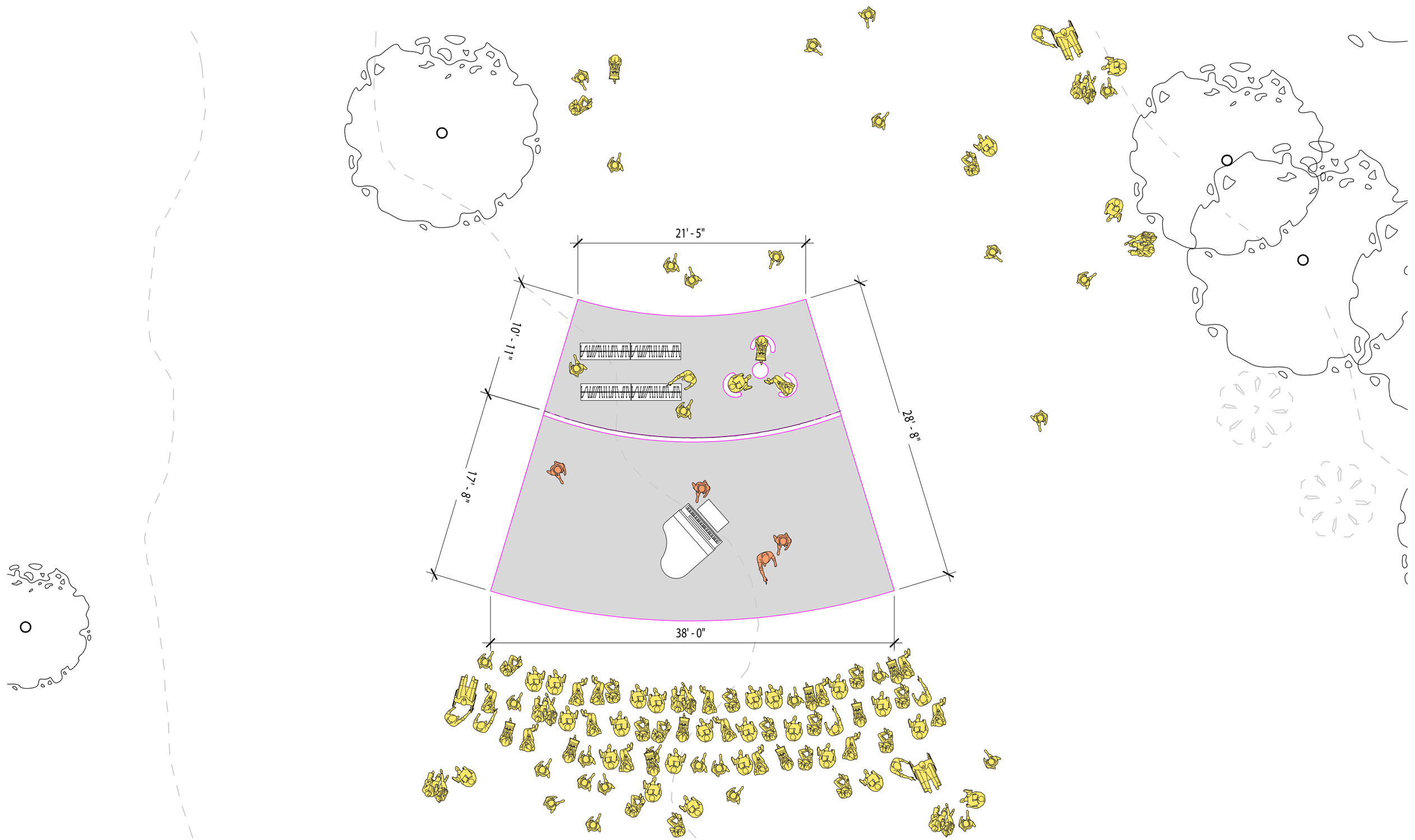
BKSK

FOOTPRINT SIZING_38'_NEW PROPOSED_C

QBG PAVILION

1/8" = 1'-0"
Project Number: 2218
07.01.2024

BKSK



FOOTPRINT SIZING_38'_NEW PROPOSED_D

QBG PAVILION

13

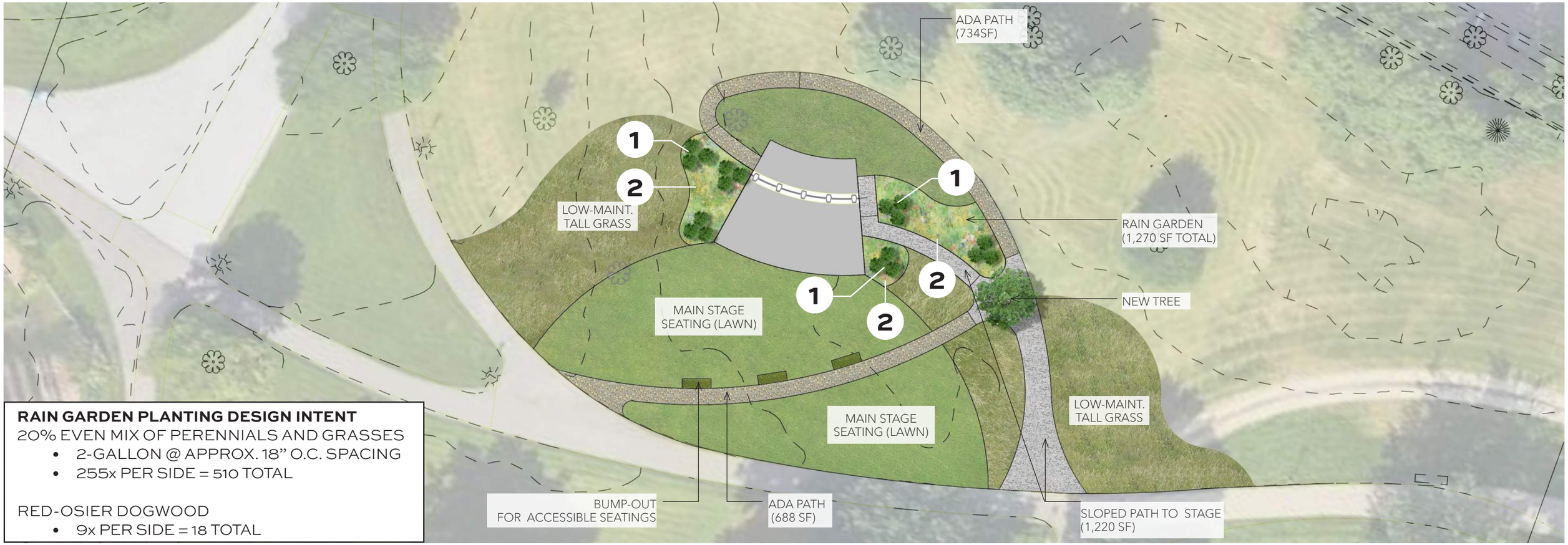
1/8" = 1'-0"
Project Number: 2218
07.01.2024

BKSK

LANDSCAPE PLAN

QBG PAVILION

BKSK RKLA Studio LANDSCAPE ARCHITECTURE Silman Queens Botanical Garden NYC Cultural Affairs NYC Parks



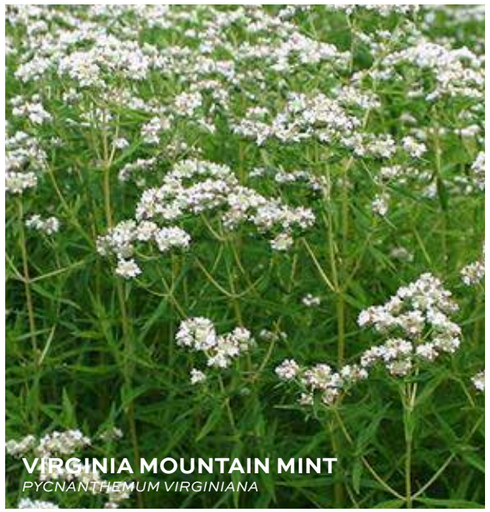
RAIN GARDEN PLANTING DESIGN INTENT

20% EVEN MIX OF PERENNIALS AND GRASSES

- 2-GALLON @ APPROX. 18" O.C. SPACING
- 255x PER SIDE = 510 TOTAL

RED-OSIER DOGWOOD

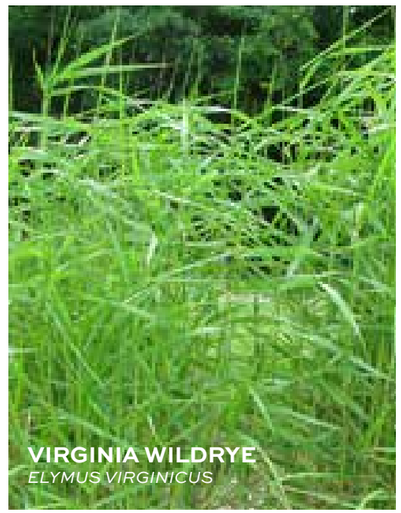
- 9x PER SIDE = 18 TOTAL



LANDSCAPE PLAN - PERENNIALS / GRASSES AT RAIN GARDEN

QBG PAVILION

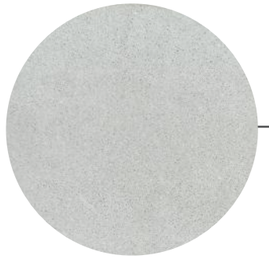
BKSK RKLA Studio LANDSCAPE ARCHITECTURE Silman Queens Botanical Garden NYC Cultural Affairs NYC Parks



LANDSCAPE PLAN - LOW-MAINTENANCE GRASS MIX AND NEW TREE

QBG PAVILION

DUCTAL UHPC



CANOPY AND COLUMNS

EXPOSED AGGREGATE CONCRETE

STAGE

EXPOSED AGGREGATE CONCRETE

AND

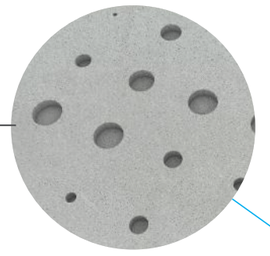
PERMEABLE PAVING

PATHS

RIVER ROUNDS

COLUMN BASE TRENCH

PERFORATED PANELS



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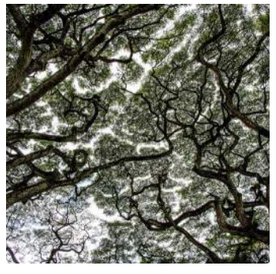
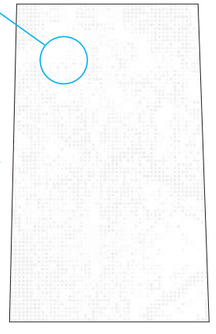




BIOPHILIC IMAGERY

BKSK RKLA Studio LANDSCAPE ARCHITECTURE Silman Queens Botanical Garden NYC Cultural Affairs NYC Parks

1.1 – 2026 Site Photos

View Facing Northwest

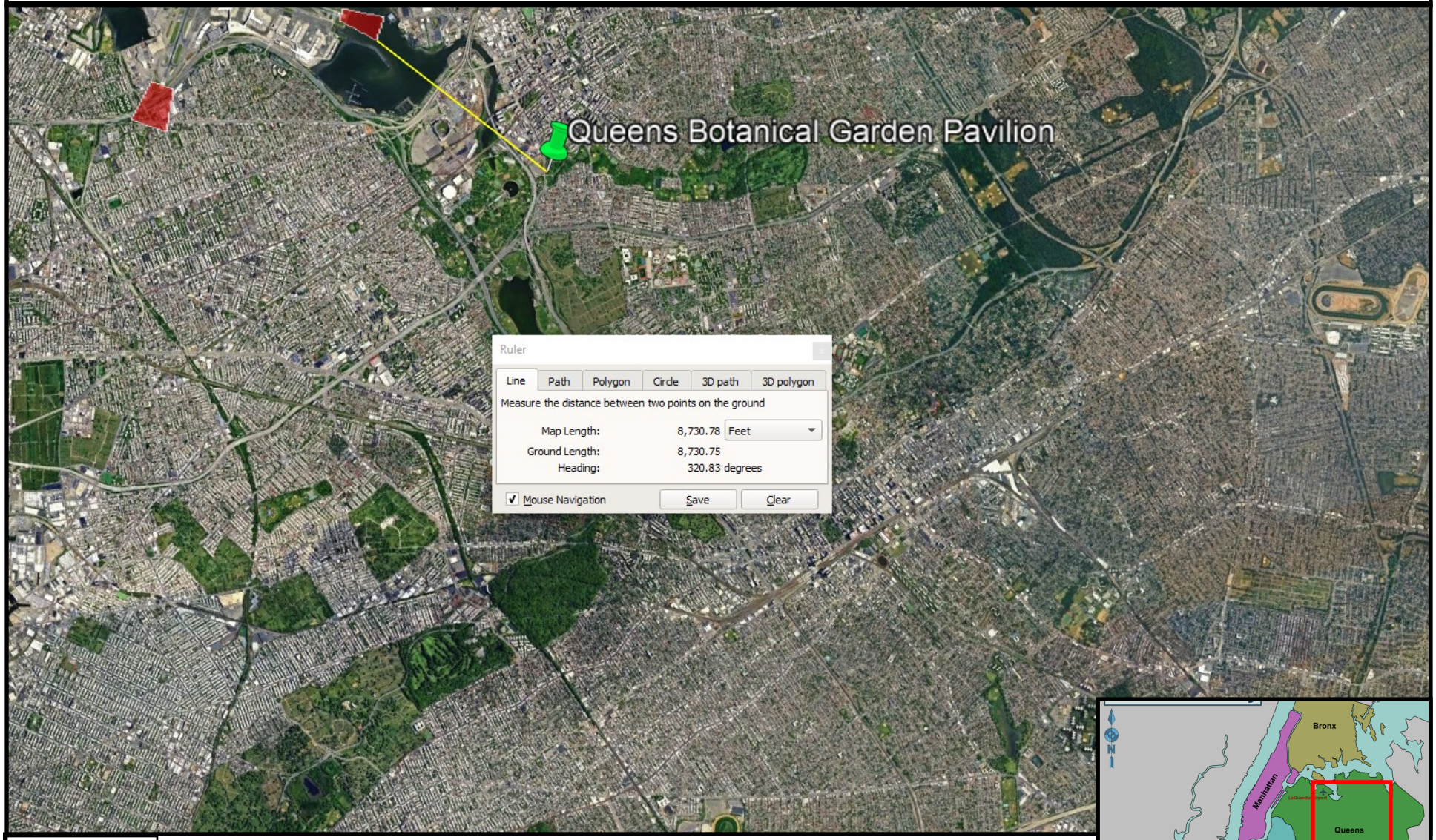
View Facing West

View Facing Southwest

2 - Airport Hazards Map

Queens Botanical Garden Pavilion

Airport Hazards Map



N

Legend

Project Site

Airport Distance

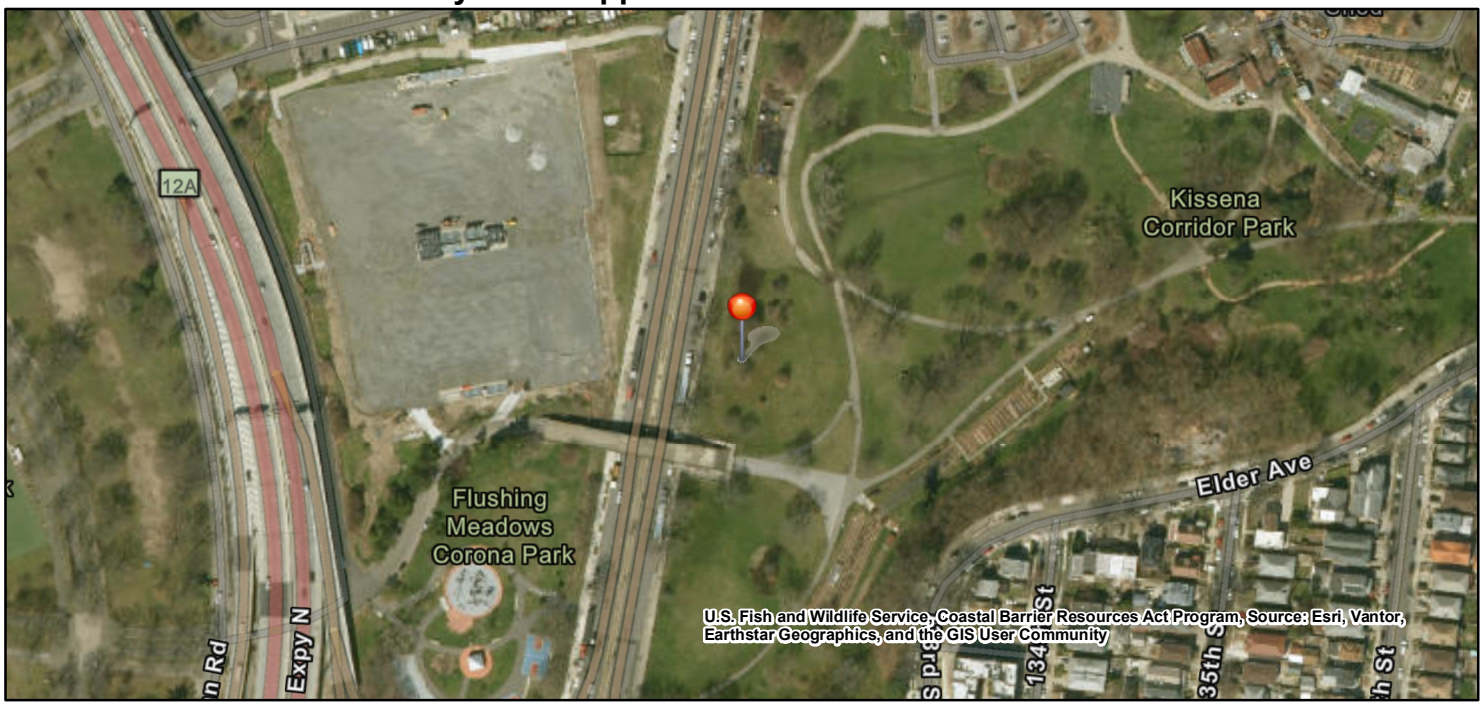
Runway Protection Zone

Data source: Google Earth on 02/06/2026

3 – CBRS Mapper Documentation

U.S. Fish and Wildlife Service

Coastal Barrier Resources System Mapper Documentation



CBRS Units

Otherwise Protected Area
System Unit
CBRS Buffer Zone
-73.832277, 40.749699

0 65 130 260 390 ft

1:4,514

The pin location displayed on the map is a point selected by the user. Failure of the user to ensure that the pin location displayed on this map correctly corresponds with the user supplied address/location description below may result in an invalid federal flood insurance policy. **The U.S. Fish and Wildlife Service (Service) has not validated the pin location with respect to the user supplied address/location description below. The Service recommends that all pin locations be verified by federal agencies prior to use of this map for the provision or denial of federal funding or financial assistance**. Please note that a structure bisected by the Coastal Barrier Resources System (CBRS) boundary (i.e., both "partially in" and "partially out") is within the CBRS and therefore affected by CBRA's restrictions on federal flood insurance. A pin placed on a bisected structure must be placed on the portion of the structure within the unit (including any attached features such as a deck or stairs).

User Name: Queens Botanical Garden Pavilion
User Supplied Address/Location Description: Queens Botanical Garden Pavilion
Pin Location: Outside CBRS
Pin Flood Insurance Prohibition Date: N/A
Pin System Unit Establishment Date: N/A

The user placed pin location is not within the CBRS. The official CBRS maps are accessible at https://www.fws.gov/library/collections/official-coastal-barrier-resources-system-maps.

The CBRS information is derived directly from the CBRS web service provided by the Service. This map was exported on 2/6/2026 and does not reflect changes or amendments subsequent to this date. The CBRS boundaries on this map may become superseded by new boundaries over time.

This map image may be void if one or more of the following map elements do not appear: basemap imagery, CBRS unit labels, prohibition date labels, legend, scale bar, map creation date. For additional information about flood insurance and the CBRS, visit: https://www.fws.gov/node/263838.

4 – Flood Hazard Document

Comparison of Flood Hazard

Effective & Preliminary Flood Hazards

FEMA

Effective

Preliminary

Effective	
POI Longitude/Latitude	40.7497, -73.8323
Effective FIRM Panel	3604970227F
Effective Date	9/5/2007
Flood Zone	X
Static BFE*	Not Available
Flood Depth	Not Available
Vertical Datum	Not Available

Preliminary	
POI Longitude/Latitude	40.7497, -73.8323
Preliminary FIRM Panel	3604970227G
Preliminary Issue Date	1/30/2015
Flood Zone	X
Estimated Static BFE*	Not Available
Estimated Flood Depth	Not Available
Vertical Datum	Not Available

* A **Base Flood Elevation** is the expected elevation of flood water during the 1% annual chance storm event. Structures below the estimated water surface elevation may experience flooding during a base flood event.

Hazard Level	Flood Hazard Zone
High Flood Hazard	**AE, A, AH, AO, VE and V Zones.** Properties in these flood zones have a 1% chance of flooding each year. This represents a 26% chance of flooding over the life of a 30-year mortgage.
Moderate Flood Hazard	**Shaded Zone X.** Properties in the moderate flood risk areas also have a chance of flooding from storm events that have a less than 1% chance of occuring each year. Moderate flood risk indicates an area that may be provided flood risk reduction due to a flood control system or an area that is prone to flooding during a 0.2% annual chance storm event. These areas may have been indicated as areas of shallow flooding by your community.
	Unshaded Zone X. Properties on higher ground and away from local flooding sources have a reduced flood risk when compared to the Moderate and High Flood Risk categories. Structures in these areas may be affected by larger storm events, in excess of the 0.2% annual chance storm event.
Low Flood Hazard	**Insurance Note:** High Risk Areas are called 'Special Flood Hazard Areas' and flood insurance is mandatory for federally backed mortgage holders. Properties in Moderate and Low Flood Risk areas may purchase flood insurance at a lower-cost rate, known as Preferred Risk Policies. See your local insurance agent or visit https://www.fema.gov/national-flood-insurance-program for more information.

Disclaimer: *This report is for informational purposes only and is not authorized for official use. The positional accuracy may be compromised in some areas. Please contact your local floodplain administrator for more information or go to msc.fema.gov to view an official copy of the Flood Insurance Rate Maps.*

Service Layer Credits: USGS, USDA

2/6/2026 3:27 PM

5 – EPA Green Book

8-Hour Ozone (2008) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Marginal)
8-Hour Ozone (2015) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Serious)

Middlesex County
8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)
8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Serious)

Monmouth County
8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)
8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Serious)

Morris County
8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)
8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Serious)

Ocean County
8-Hour Ozone (2008) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Marginal)
8-Hour Ozone (2015) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Serious)

Passaic County
8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)
8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Serious)

Salem County
8-Hour Ozone (2008) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Marginal)
8-Hour Ozone (2015) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Serious)

Somerset County
8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)
8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Serious)

Sussex County
8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)
8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Serious)

Union County
8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)
8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Serious)

Warren County
8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)
8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Serious)

NEW MEXICO

Dona Ana County
PM-10 (1987) *Dona Ana County; Anthony, NM - (Moderate)
8-Hour Ozone (2015) *El Paso-Las Cruces, TX-NM - (Marginal)

NEW YORK

Bronx County
8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)
8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Serious)

Chautauqua County
8-Hour Ozone (2008) Jamestown, NY - (Marginal)

Kings County
8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)
8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Serious)

Nassau County
8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)
8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Serious)

New York County
PM-10 (1987) New York County, NY - (Moderate)
8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)
8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Serious)

Queens County
8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)
8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Serious)

Richmond County
8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)
8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Serious)

Rockland County
8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)
8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Serious)

6.1 – DCP Consultation Package

From: Daniel Chibbaro (DCP) <DChibbaro@planning.nyc.gov>
Sent: Tuesday, March 17, 2026 12:14 PM
To: Jacobs, Juliet
Cc: Freeman, Julie; fquintanilla@queensbotanical.org; Rebecca Wolf; Emily Sun (DCP); Michael Marrella (DCP); Newman, David (DOS); Bayzon, Peter (DOS)
Subject: RE: [EXTERNAL] RE: Waterfront Revitalization Program Consistency Concurrence for - Queens Botanical Garden Pavilion

Hi Juliet,

We received a related request for WRP consistency review of the QBG Education Building in coordination with the Department of Cultural Affairs; please note this funding request will be filed as a separate WRP consistency review.

We can confirm that we have completed review of the project as described below for consistency with the policies and intent of the New York City Waterfront Revitalization Program (WRP).

Queens Botanical Garden Pavilion *(DOS # TBD)* The Proposed Activity includes a CCAP and/or SAM funding request for the Queens Botanical Garden Open Air Pavilion and Kids Culture Garden.

Based on the information submitted, the Climate and Sustainability Planning Division, on behalf of the New York City Coastal Commission, having reviewed the waterfront aspect of this action, finds that the actions will not substantially hinder the achievement of any Waterfront Revitalization Program (WRP) policy and provides its finding to the New York State Department of State (DOS). Please note that the proposed action(s) are subject to consistency review and approval by the New York State Department of State (DOS) in accordance with the New York State Coastal Management Program.

This determination is only applicable to the information received and the current proposal. Any additional information or project modifications would require an independent consistency review.

For your records, this project has been assigned WRP # 26-041. If there are any questions regarding this review, please contact me.

Thanks,

Dan Chibbaro
Associate Planner • Climate and Sustainability Planning

NYC Department of City Planning
212-720-3423 (O)
120 Broadway, 31st Floor, New York, NY 10271

Website | Twitter | Instagram | LinkedIn

From: Michael Marrella (DCP) <MMarrel@planning.nyc.gov>
Sent: Tuesday, March 17, 2026 11:48 AM
To: Jacobs, Juliet <JacobsJuliet@omb.nyc.gov>; Newman, David (DOS) <David.Newman@dos.ny.gov>; Bayzon, Peter (DOS) <Peter.Bayzon@dos.ny.gov>
Cc: Freeman, Julie <freemanj@omb.nyc.gov>; fquintanilla@queensbotanical.org; Rebecca Wolf <rwolf@queensbotanical.org>; Daniel Chibbaro (DCP) <DChibbaro@planning.nyc.gov>

From:	Jacobs, Juliet
Sent:	Tuesday, March 17, 2026 10:10 AM
To:	'MMarrel@planning.nyc.gov'; 'Waterfront Revitalization (DCP'
Cc:	Freeman, Julie; 'Peter.Bayzon@dos.ny.gov'; David.Newman@dos.ny.gov; fquintanilla@queensbotanical.org; Rebecca Wolf
Subject:	Waterfront Revitalization Program Consistency Concurrence for - Queens Botanical Garden Pavilion
Attachments:	SEQRA WRP CAF and Policy Analysis.pdf

Hi Mr. Marrella,

The NYC Office of Management and Budget (OMB) is conducting an environmental review for a proposed project involving construction of an approximately 3,200 square foot open air pavilion structure within the southwest corner of the Queens Botanical Garden (QBG). OMB is serving as the Responsible Entity (for environmental review purposes only) for a National Environmental Policy Act (NEPA) review, which is required due to the U.S. Department of Housing and Urban Development (HUD) providing $500,000 in Community Project Funding (CPF) for the project. However, a State Environmental Quality Review Act (SEQRA) was previously completed in 2021, with the Dormitory Authority of the State of New York (DASNY), serving as lead agency. As part of this review, the attached Consistency Assessment Form (CAF) and assessment was completed. My understanding is that, although DASNY did not receive a formal response from the NYC Department of City Planning or the New York Department of State, that this is typical for SEQRA reviews.

Please let me know if previous approval of your office of the attached materials can be applied to the NEPA review, or if an updated CAF and supporting materials are needed. I will also reach out to the NYS Department of State for review and approval.

Thank You!

Juliet Jacobs
Unit Head – Environmental (CD)
New York City Mayor's Office of Management & Budget
255 Greenwich Street, 8th Floor
New York, NY 10007
☎ (212) 788-1653
✉ JacobsJuliet@omb.nyc.gov

FOR INTERNAL USE ONLY	WRP No. _____
Date Received: _____	DOS No. _____

NEW YORK CITY WATERFRONT REVITALIZATION PROGRAM
Consistency Assessment Form

Proposed actions that are subject to CEQR, ULURP or other local, state or federal discretionary review procedures, and that are within New York City's Coastal Zone, must be reviewed and assessed for their consistency with the *New York City Waterfront Revitalization Program (WRP)* which has been approved as part of the State's Coastal Management Program.

This form is intended to assist an applicant in certifying that the proposed activity is consistent with the WRP. It should be completed when the local, state, or federal application is prepared. The completed form and accompanying information will be used by the New York State Department of State, the New York City Department of City Planning, or other city or state agencies in their review of the applicant's certification of consistency.

A. APPLICANT INFORMATION

Name of Applicant: The Queens Botanical Garden Society, Inc.

Name of Applicant Representative: Susan Lacerte

Address: 43-50 Main Street, Flushing, New York, 11355

Telephone: 718-886-3800 x205 Email: slacerte@queensbotanical.org

Project site owner (if different than above): Same as Applicant

B. PROPOSED ACTIVITY

If more space is needed, include as an attachment.

1. Brief description of activity

The Dormitory Authority of the State of New York ("DASNY") has received a funding request from the Queens Botanical Garden Society, Inc. ("Queens Botanical Garden" or "QBG") for its "Open Air Pavilion and Kids Culture Garden" as part of the Community Capital Assistance Program ("CCAP") and/or the State and Municipal Facilities Program ("SAM") (DASNY project #8140). The Proposed Action would involve DASNY's authorization of the expenditure of CCAP and/or SAM program bond proceeds for the Proposed Project as described below.

QBG proposes to construct a new, approximately 3,200-square foot ("sf") open air pavilion structure and composting toilets and an approximately 0.5-acre kids culture garden (the "Proposed Project") within the southwest and south-central area of the QBG (the "Project Site"). The Proposed Project is part of a multi-phase Education Center at the QBG that will also include an approximately 13,000-gross-square-foot ("gsf") Education Building (currently undergoing a separate environmental assessment). The open air pavilion would be located in the southwest portion of the QBG and would provide covered space for educational programming; it is expected to be completed in 2024. The kids culture garden, which is also expected to be completed in 2024, would be located within the south-central portion of the QBG and would include woodlands, a garden, and water play areas. The Proposed Project is not expected to result in any significant increase in staff or visitor populations.

2. Purpose of activity

The QBG is an open air resource located in a densely-populated part of New York City, and has been located at its present site since 1961. The mission of the QBG is to provide "an urban oasis where people, plants, and cultures are celebrated through inspiring gardens, innovative educational programs, and real-world applications of environmental stewardship." The Proposed Project's open air pavilion, composting toilets, and kids culture garden would support the overall mission of the QBG and would be an integral part of the QBG's Education Center that is envisioned for the southwest part of the garden. The Proposed Project would replace unprogrammed open areas and would complement an Education Building that will be developed independent of the Proposed Project, as part of the overall Education Center. The Proposed Project would provide new amenity space in support of the QBG's goals to enhance the visitor's experience of the garden while providing new and expanded opportunities for visitors to explore the garden. The Proposed Project would also support the QBG's goals to better serve children and families by providing hands-on and interactive learning experiences.

C. PROJECT LOCATION

Borough: Queens Tax Block/Lot(s): Block 5107, Lot 200

Street Address: 43-50 Main Street, Flushing, New York, 11355

Name of water body (if located on the waterfront): N/A

D. REQUIRED ACTIONS OR APPROVALS

Check all that apply.

City Actions/Approvals/Funding

City Planning Commission ☐ Yes ☑ No

- ☐ City Map Amendment
- ☐ Zoning Map Amendment
- ☐ Zoning Text Amendment
- ☐ Site Selection – Public Facility
- ☐ Housing Plan & Project
- ☐ Special Permit
  (if appropriate, specify type: ☐ Modification ☐ Renewal ☐ other) Expiration Date: _____
- ☐ Zoning Certification
- ☐ Zoning Authorizations
- ☐ Acquisition – Real Property
- ☐ Disposition – Real Property
- ☐ Other, explain: _____
- ☐ Concession
- ☐ UDAAP
- ☐ Revocable Consent
- ☐ Franchise

Board of Standards and Appeals ☐ Yes ☑ No

- ☐ Variance (use)
- ☐ Variance (bulk)
- ☐ Special Permit
  (if appropriate, specify type: ☐ Modification ☐ Renewal ☐ other) Expiration Date: _____

Other City Approvals

- ☐ Legislation
- ☐ Rulemaking
- ☐ Construction of Public Facilities
- ☐ 384 (b) (4) Approval
- ☑ Other, explain: Approvals from NYC Parks and NYC Public Design Commission
- ☐ Funding for Construction, specify: _____
- ☐ Policy or Plan, specify: _____
- ☐ Funding of Program, specify: _____
- ☐ Permits, specify: _____

State Actions/Approvals/Funding

- ☐ State permit or license, specify Agency: _____ Permit type and number: _____
- ☑ Funding for Construction, specify: DASNY authorization of grant funding through CCAP and/or SAM
- ☐ Funding of a Program, specify: _____
- ☐ Other, explain: _____

Federal Actions/Approvals/Funding

- ☐ Federal permit or license, specify Agency: _____ Permit type and number: _____
- ☐ Funding for Construction, specify: _____
- ☐ Funding of a Program, specify: _____
- ☐ Other, explain: _____

Is this being reviewed in conjunction with a Joint Application for Permits? ☐ Yes ☑ No

E. LOCATION QUESTIONS

1. Does the project require a waterfront site? ☐ Yes ☑ No
2. Would the action result in a physical alteration to a waterfront site, including land along the shoreline, land under water or coastal waters? ☐ Yes ☑ No
3. Is the project located on publicly owned land or receiving public assistance? ☑ Yes ☐ No
4. Is the project located within a FEMA 1% annual chance floodplain? *(6.2)* ☐ Yes ☑ No
5. Is the project located within a FEMA 0.2% annual chance floodplain? *(6.2)* ☐ Yes ☑ No
6. Is the project located adjacent to or within a special area designation? *See Maps – Part III of the NYC WRP. If so, check appropriate boxes below and evaluate policies noted in parentheses as part of WRP Policy Assessment (Section F).* ☐ Yes ☑ No

   ☐ Significant Maritime and Industrial Area (SMIA) (*2.1*)

   ☐ Special Natural Waterfront Area (SNWA) (*4.1*)

   ☐ Priority Maritime Activity Zone (PMAZ) (*3.5*)

   ☐ Recognized Ecological Complex (REC) (*4.4*)

   ☐ West Shore Ecologically Sensitive Maritime and Industrial Area (ESMIA) (*2.2, 4.2*)

F. WRP POLICY ASSESSMENT

Review the project or action for consistency with the WRP policies. For each policy, check Promote, Hinder *or* Not Applicable (N/A). *For more information about consistency review process and determination, see* ***Part I*** *of the NYC Waterfront Revitalization Program. When assessing each policy, review the full policy language, including all sub-policies, contained within* ***Part II*** *of the WRP. The relevance of each applicable policy may vary depending upon the project type and where it is located (i.e. if it is located within one of the special area designations).*

For those policies checked Promote *or* Hinder, *provide a written statement on a separate page that assesses the effects of the proposed activity on the relevant policies or standards. If the project or action promotes a policy, explain how the action would be consistent with the goals of the policy. If it hinders a policy, consideration should be given toward any practical means of altering or modifying the project to eliminate the hindrance. Policies that would be advanced by the project should be balanced against those that would be hindered by the project. If reasonable modifications to eliminate the hindrance are not possible, consideration should be given as to whether the hindrance is of such a degree as to be substantial, and if so, those adverse effects should be mitigated to the extent practicable.*

		Promote	Hinder	N/A
1	**Support and facilitate commercial and residential redevelopment in areas well-suited to such development.**	☐	☐	☑
1.1	Encourage commercial and residential redevelopment in appropriate Coastal Zone areas.	☐	☐	☐
1.2	Encourage non-industrial development with uses and design features that enliven the waterfront and attract the public.	☐	☐	☐
1.3	Encourage redevelopment in the Coastal Zone where public facilities and infrastructure are adequate or will be developed.	☐	☐	☐
1.4	In areas adjacent to SMIAs, ensure new residential development maximizes compatibility with existing adjacent maritime and industrial uses.	☐	☐	☐
1.5	Integrate consideration of climate change and sea level rise into the planning and design of waterfront residential and commercial development, pursuant to WRP Policy 6.2.	☐	☐	☐

		Promote	Hinder	N/A
2	**Support water-dependent and industrial uses in New York City coastal areas that are well-suited to their continued operation.**	☐	☐	☑
2.1	Promote water-dependent and industrial uses in Significant Maritime and Industrial Areas.	☐	☐	☐
2.2	Encourage a compatible relationship between working waterfront uses, upland development and natural resources within the Ecologically Sensitive Maritime and Industrial Area.	☐	☐	☐
2.3	Encourage working waterfront uses at appropriate sites outside the Significant Maritime and Industrial Areas or Ecologically Sensitive Maritime Industrial Area.	☐	☐	☐
2.4	Provide infrastructure improvements necessary to support working waterfront uses.	☐	☐	☐
2.5	Incorporate consideration of climate change and sea level rise into the planning and design of waterfront industrial development and infrastructure, pursuant to WRP Policy 6.2.	☐	☐	☐
3	**Promote use of New York City's waterways for commercial and recreational boating and water-dependent transportation.**	☐	☐	☑
3.1.	Support and encourage in-water recreational activities in suitable locations.	☐	☐	☐
3.2	Support and encourage recreational, educational and commercial boating in New York City's maritime centers.	☐	☐	☐
3.3	Minimize conflicts between recreational boating and commercial ship operations.	☐	☐	☐
3.4	Minimize impact of commercial and recreational boating activities on the aquatic environment and surrounding land and water uses.	☐	☐	☐
3.5	In Priority Marine Activity Zones, support the ongoing maintenance of maritime infrastructure for water-dependent uses.	☐	☐	☐
4	**Protect and restore the quality and function of ecological systems within the New York City coastal area.**	☐	☐	☑
4.1	Protect and restore the ecological quality and component habitats and resources within the Special Natural Waterfront Areas.	☐	☐	☐
4.2	Protect and restore the ecological quality and component habitats and resources within the Ecologically Sensitive Maritime and Industrial Area.	☐	☐	☐
4.3	Protect designated Significant Coastal Fish and Wildlife Habitats.	☐	☐	☐
4.4	Identify, remediate and restore ecological functions within Recognized Ecological Complexes.	☐	☐	☐
4.5	Protect and restore tidal and freshwater wetlands.	☐	☐	☐
4.6	In addition to wetlands, seek opportunities to create a mosaic of habitats with high ecological value and function that provide environmental and societal benefits. Restoration should strive to incorporate multiple habitat characteristics to achieve the greatest ecological benefit at a single location.	☐	☐	☐
4.7	Protect vulnerable plant, fish and wildlife species, and rare ecological communities. Design and develop land and water uses to maximize their integration or compatibility with the identified ecological community.	☐	☐	☐
4.8	Maintain and protect living aquatic resources.	☐	☐	☐

		Promote	Hinder	N/A
5	**Protect and improve water quality in the New York City coastal area.**	☐	☐	☑
5.1	Manage direct or indirect discharges to waterbodies.	☐	☐	☐
5.2	Protect the quality of New York City's waters by managing activities that generate nonpoint source pollution.	☐	☐	☐
5.3	Protect water quality when excavating or placing fill in navigable waters and in or near marshes, estuaries, tidal marshes, and wetlands.	☐	☐	☐
5.4	Protect the quality and quantity of groundwater, streams, and the sources of water for wetlands.	☐	☐	☐
5.5	Protect and improve water quality through cost-effective grey-infrastructure and in-water ecological strategies.	☐	☐	☐
6	**Minimize loss of life, structures, infrastructure, and natural resources caused by flooding and erosion, and increase resilience to future conditions created by climate change.**	☐	☐	☑
6.1	Minimize losses from flooding and erosion by employing non-structural and structural management measures appropriate to the site, the use of the property to be protected, and the surrounding area.	☐	☐	☐
6.2	Integrate consideration of the latest New York City projections of climate change and sea level rise (as published in *New York City Panel on Climate Change 2015 Report, Chapter 2: Sea Level Rise and Coastal Storms*) into the planning and design of projects in the city's Coastal Zone.	☐	☐	☐
6.3	Direct public funding for flood prevention or erosion control measures to those locations where the investment will yield significant public benefit.	☐	☐	☐
6.4	Protect and preserve non-renewable sources of sand for beach nourishment.	☐	☐	☐
7	**Minimize environmental degradation and negative impacts on public health from solid waste, toxic pollutants, hazardous materials, and industrial materials that may pose risks to the environment and public health and safety.**	☑	☐	☐
7.1	Manage solid waste material, hazardous wastes, toxic pollutants, substances hazardous to the environment, and the unenclosed storage of industrial materials to protect public health, control pollution and prevent degradation of coastal ecosystems.	☑	☐	☐
7.2	Prevent and remediate discharge of petroleum products.	☑	☐	☐
7.3	Transport solid waste and hazardous materials and site solid and hazardous waste facilities in a manner that minimizes potential degradation of coastal resources.	☑	☐	☐
8	**Provide public access to, from, and along New York City's coastal waters.**	☐	☐	☑
8.1	Preserve, protect, maintain, and enhance physical, visual and recreational access to the waterfront.	☐	☐	☐
8.2	Incorporate public access into new public and private development where compatible with proposed land use and coastal location.	☐	☐	☐
8.3	Provide visual access to the waterfront where physically practical.	☐	☐	☐
8.4	Preserve and develop waterfront open space and recreation on publicly owned land at suitable locations.	☐	☐	☐

		Promote	Hinder	N/A
8.5	Preserve the public interest in and use of lands and waters held in public trust by the State and City.	☐	☐	☐
8.6	Design waterfront public spaces to encourage the waterfront's identity and encourage stewardship.	☐	☐	☐
9	**Protect scenic resources that contribute to the visual quality of the New York City coastal area.**	☐	☐	☑
9.1	Protect and improve visual quality associated with New York City's urban context and the historic and working waterfront.	☐	☐	☐
9.2	Protect and enhance scenic values associated with natural resources.	☐	☐	☐
10	**Protect, preserve, and enhance resources significant to the historical, archaeological, architectural, and cultural legacy of the New York City coastal area.**	☐	☐	☑
10.1	Retain and preserve historic resources, and enhance resources significant to the coastal culture of New York City.	☐	☐	☐
10.2	Protect and preserve archaeological resources and artifacts.	☐	☐	☐

G. CERTIFICATION

The applicant or agent must certify that the proposed activity is consistent with New York City's approved Local Waterfront Revitalization Program, pursuant to New York State's Coastal Management Program. If this certification cannot be made, the proposed activity shall not be undertaken. If this certification can be made, complete this Section.

"The proposed activity complies with New York State's approved Coastal Management Program as expressed in New York City's approved Local Waterfront Revitalization Program, pursuant to New York State's Coastal Management Program, and will be conducted in a manner consistent with such program."

Applicant/Agent's Name: Queens Botanical Garden Society, Inc./Susan Lacerte

Address: 43-50 Main Street, Flushing, NY 11355

Telephone: 718-886-3800 x205 Email: slacerte@queensbotanical.org

Applicant/Agent's Signature: _____

Date: _____

Submission Requirements

For all actions requiring City Planning Commission approval, materials should be submitted to the Department of City Planning.

For local actions not requiring City Planning Commission review, the applicant or agent shall submit materials to the Lead Agency responsible for environmental review. A copy should also be sent to the Department of City Planning.

For State actions or funding, the Lead Agency responsible for environmental review should transmit its WRP consistency assessment to the Department of City Planning.

For Federal direct actions, funding, or permits applications, including Joint Applicants for Permits, the applicant or agent shall also submit a copy of this completed form along with his/her application to the NYS Department of State Office of Planning and Development and other relevant state and federal agencies. A copy of the application should be provided to the NYC Department of City Planning.

The Department of City Planning is also available for consultation and advisement regarding WRP consistency procedural matters.

New York City Department of City Planning
Waterfront and Open Space Division
120 Broadway, 31st Floor
New York, New York 10271
212-720-3696
wrp@planning.nyc.gov
www.nyc.gov/wrp

New York State Department of State
Office of Planning and Development
Suite 1010
One Commerce Place, 99 Washington Avenue
Albany, New York 12231-0001
518-474-6000
www.dos.ny.gov/opd/programs/consistency

Applicant Checklist

- ☑ Copy of original signed NYC Consistency Assessment Form
- ☑ Attachment with consistency assessment statements for all relevant policies
- ☐ For Joint Applications for Permits, one (1) copy of the complete application package
- ☑ Environmental Review documents
- ☐ Drawings (plans, sections, elevations), surveys, photographs, maps, or other information or materials which would support the certification of consistency and are not included in other documents submitted. All drawings should be clearly labeled and at a scale that is legible.
- ☐ Policy 6.2 Flood Elevation worksheet, if applicable. For guidance on applicability, refer to the WRP Policy 6.2 Guidance document available at www.nyc.gov/wrp

APPENDIX A, ATTACHMENT A:
NYC WATERFRONT REVITALIZATION PROGRAM

A. NEW YORK CITY WATERFRONT REVITALIZATION PROGRAM CONSISTENCY

The project site is located within the City's designated Coastal Zone. Therefore, in accordance with the guidelines of the *CEQR Technical Manual*, an evaluation of the proposed project's consistency with the New York City Waterfront Revitalization Program ("WRP") policies is provided below.

CONSISTENCY OF PROPOSED PROJECT WITH THE WATERFRONT REVITALIZATION PROGRAM POLICIES

New York City's WRP includes 10 principal policies designed to maximize the benefits derived from economic development, environmental preservation, and public use of the waterfront, while minimizing the conflicts among those objectives. Assessments of the proposed project's conformity with the City's WRP policies are provided below for all policy questions answered "Promote" or "Hinder" on the Consistency Assessment Form.

Policy 7: Minimize environmental degradation and negative impacts on public health from solid waste, toxic pollutants, hazardous materials, and industrial materials that may pose risks to the environment and public health and safety.

Project excavation activities could increase pathways for worker (and, to a lesser extent, community and environmental) exposure to any contaminated soils or other contaminated materials that are present, however impacts would be avoided by incorporating certain measures including proper soil testing and management with the implementation of a Remedial Action Plan ("RAP") and Health and Safety Plan ("HASP").

Policy 7.1: Manage solid waste material, hazardous wastes, toxic pollutants, substances hazardous to the environment, and the unenclosed storage of industrial materials to protect public health, control pollution and prevent degradation of coastal ecosystems.

Although not anticipated, if contaminated soil and/or fill materials are encountered during project excavation, it would be properly characterized and removed for off-site disposal in accordance with applicable requirements.

Policy 7.2: Prevent and remediate discharge of petroleum products.

Removal of any unforeseen encountered petroleum tanks (and/or any contaminated soil) would be performed in accordance with applicable regulatory requirements including New York State Department of Environmental Conservation ("NYSDEC")'s requirements relating to spill reporting and tank registration.

Policy 7.3: Transport solid waste and hazardous materials and site solid and hazardous waste facilities in a manner that minimizes potential degradation of coastal resources.

Excess soil (if any) would likely be transported off site for disposal by a licensed trucking company. ✷

6.2 - DOS Consultation Package

STATE OF NEW YORK
DEPARTMENT OF STATE
ONE COMMERCE PLAZA
99 WASHINGTON AVENUE
ALBANY, NY 12231-0001
HTTPS://DOS.NY.GOV

KATHY HOCHUL
GOVERNOR

WALTER T. MOSLEY
SECRETARY OF STATE

May 6, 2026

Juliet Jacobs
New York City Mayor's Office of Management & Budget
255 Greenwich Street, 8th Floor
New York, NY 10007
JacobsJuliet@omb.nyc.gov

Re: F-2026-0188(DA)
New York City Mayor's Office of Management & Budget, the responsibly entity for HUD, proposes to provide $500,000 in HUD Community Project Funding to the Queens Botanical Garden Society, Inc. to aid in the construction of an approximately 3,200 square foot open air pavilion structure and associated facilities at the Queens Botanical Garden
Concurrence with Consistency Determination

Dear Juliet Jacobs:

The Department of State received OMB's, the responsible entity for HUD (24 CFR 58), Consistency Determination and supporting information for this proposed Federal Agency Activity (15 CFR 930 Subpart C) on March 17, 2026.

The Department of State has completed its review of the OMB's consistency determination regarding the consistency of the above proposed federal agency activity, with the New York State Coastal Management Program.

Based upon the information submitted, the Department of State concurs with the OMB's consistency determination regarding this matter.

When communicating with us regarding this matter, please contact David Newman at (518) 474-9039 (e-mail: david.newman@dos.ny.gov) and refer to our file #F-2026-0188 (DA).

Sincerely,

Jennifer L. Street
Coastal Resources Specialist 4
Development Division Director
Office of Planning, Development and
Community Infrastructure

JLS/dn

NEW YORK STATE | Department of State

ecc: NYC WRP – Dan Chibbaro (WRP 26-041)

From: Newman, David (DOS) <David.Newman@dos.ny.gov>
Sent: Thursday, March 19, 2026 10:04 AM
To: Jacobs, Juliet
Cc: Freeman, Julie; fquintanilla@queensbotanical.org; Rebecca Wolf
Subject: RE: [EXTERNAL] RE: Waterfront Revitalization Program Consistency Concurrence for - Queens Botanical Garden Pavilion

Hi Juliet,

Thanks for getting back to me. So, we will treat this as federal funding to a private organization (not a unit of state or local government) and use the 15 CFR 930 Subpart C regulations. This will require a public notice, but I will try and get that rolling as quick as possible and likely be able to issue a decision in 45-60 days.

As I said yesterday, I believe you have provided everything we would need to completer our review, but I will reach out if we need anything else.

DAVID NEWMAN
Coastal Resources Specialist 3

New York Department of State
Office of Planning Development
and Community Infrastructure
99 Washington Ave., Albany, NY 12231
w: (518) 474-9039 | david.newman@dos.ny.gov
dos.ny.gov
Facebook | Instagram | LinkedIn | X

From: Jacobs, Juliet <JacobsJuliet@omb.nyc.gov>
Sent: Thursday, March 19, 2026 9:27 AM
To: Newman, David (DOS) <David.Newman@dos.ny.gov>
Cc: Freeman, Julie <FreemanJ@omb.nyc.gov>; fquintanilla@queensbotanical.org; Rebecca Wolf <rwolf@queensbotanical.org>
Subject: RE: [EXTERNAL] RE: Waterfront Revitalization Program Consistency Concurrence for - Queens Botanical Garden Pavilion

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Hi David,

After our conversation yesterday, I confirmed that CPF funds would go directly to Queens Botanical Garden Society Inc. which is a 501(c)(3) nonprofit organization, and my understanding is they would manage the grant funds.

Please let us know if you need any additional information to move forward with your review. I know you mentioned this process may involve an extended timeline. Could you let us know the approximate timeframe we should expect?

Thanks for all your help!

Juliet Jacobs
Unit Head – Environmental (CD)
New York City Mayor's Office of Management & Budget
255 Greenwich Street, 8th Floor
New York, NY 10007
☎ (212) 788-1653
✉ JacobsJuliet@omb.nyc.gov

From: Jacobs, Juliet
Sent: Tuesday, March 17, 2026 4:05 PM
To: 'Newman, David (DOS)' <David.Newman@dos.ny.gov>
Cc: MMarrel@planning.nyc.gov; Freeman, Julie <FreemanJ@omb.nyc.gov>; fquintanilla@queensbotanical.org; Rebecca Wolf <rwolf@queensbotanical.org>; Bayzon, Peter (DOS) <Peter.Bayzon@dos.ny.gov>; Daniel Chibbaro (DCP) <dchibbaro@planning.nyc.gov>
Subject: RE: [EXTERNAL] RE: Waterfront Revitalization Program Consistency Concurrence for - Queens Botanical Garden Pavilion

Hi David,

My understanding of your response below is that, given that DCP provided approval for the proposed project, the new consultation package should be prepared according to the NYS requirements found here, rather than the usual process we would follow, which is to submit a NYC LWRP CAF in lieu of a State or Federal CAF. If I've misunderstood, please let me know.

I've prepared the attached consultation letter, and supplemental materials according to the guidance on the Department of State website. However, this is my first time preparing a Coastal Consistency Review according to NYS guidelines. If any necessary information is missing, please let me know and I will be happy to provide it.

I see that the timeline stated on the link you provided may differ from the 45-day review period that would typically occur for NYC LWRP consultations. If there is any way the 45-day review timeframe is still possible for your agency, we would definitely appreciate it!

Thank You!

Juliet Jacobs
Unit Head – Environmental (CD)
New York City Mayor's Office of Management & Budget
255 Greenwich Street, 8th Floor
New York, NY 10007
☎ (212) 788-1653
✉ JacobsJuliet@omb.nyc.gov

The City of New York
Office of Management and Budget
255 Greenwich Street, 8th Floor • New York, New York 10007

Date: March 17, 2025

David Newman,
Coastal Resources Specialist
New York Department of State
Office of Planning Development and Community Infrastructure
99 Washington Ave,
Albany, NY 12231

RE: Coastal Consistency Review for Federal Agency Actions for Queens Botanical Garden Pavilion Project

Dear Mr. Newman,

Pursuant to the Consolidated Appropriations Act of 2024 (Public Law 118-42), the U.S. Department of Housing and Urban Development (HUD) executed a Grant Agreement with the Queens Botanical Garden (QBG) specifying that $500,000 in Community Project Funding (CPF) would be provided for a capital revitalization project. The New York City Office of Management and Budget (OMB) is the responsible entity for completion of the federally required environmental review in accordance with 24 CFR Part 58. OMB is proposing to use CPF funds to implement the project, described below, and is requesting concurrence with the determination that the proposed project is consistent with the New York State Coastal Management Program.

Project Description:

The proposed project would involve construction of an open air pavilion on existing park land. The purpose of the Proposed Project is to provide new amenity space in support of the QBG's goals to enhance the visitor's experience of the garden and provide new and expanded opportunities for visitors to explore the garden. The proposed project would also support the QBG's goals to better serve children and families visiting the garden by providing hands-on and interactive learning experiences.

Specific project activities would include the following:

- Site Demolition including Shrub removal, clearing of debris, and topsoil stripping.
- Excavation and grading (shaping and leveling the ground surface) to design specifications, creating utility trenches and establishing drainage slopes.
- Installation of piles for the foundation.
- Foundation construction. Concrete cast in place foundation
- Stage construction: The stage would be a concrete cast in place slab (additional ground disturbance not anticipated but possible). There will also be prefabricated columns that will be installed to complete the structure.
- Installation of water lines for irrigation, and power lines for the stage.

- Final grading, likely an installation of erosion control measures such as a jute mesh, rain garden planting, installation of tall grasses, shrubs, and the installation of a new Katsura tree.
- Installation of bench bump outs for benches will involve minor ground disturbance.

Consultation

Project activities, along with related actions including the creation of a Kid's Culture Garden and multi-phase education center were previously assessed by the Dormitory Authority of the State of New York (DASNY), as lead agency for the State Environmental Quality Review Act (SEQRA) analysis. This analysis, completed in July of 2021, determined that no potential negative long-term or cumulative impacts or significant adverse environmental impacts were identified in connection with the proposed project or related activities. U.S. Department of Housing and Urban Development (HUD) Community Project Funding (CPF) would not be used for related activities and the proposed project would have independent utility from these actions.

As part of the SEQRA analysis, a Local Waterfront Revitalization Program (LWRP) Consistency Assessment Form (CAF) was submitted to the New York City Department of City Planning (DCP). On March 17, 2026, DCP confirmed that the project would not substantially hinder the achievement of any LWRP policy and that this determination is applicable to federally funded activities.

The purpose of this letter is to notify your office of the proposed undertaking and to initiate your review of the proposed project's consistency with the policies of the New York State Coastal Management Program.. A Consistency Determination, and materials supporting this determination, is attached to this correspondence. It is our determination that the proposed project would be undertaken in a manner consistent to the maximum extent practicable with enforceable policies of the New York State Coastal Management Program (CMP).

If you have questions or concerns about the implementation of the proposed project, please contact me by email at JacobsJuliet@omb.nyc.gov, by phone at (212) 788-1653, or in writing Juliet Jacobs, 255 Greenwich Street, 8th Floor, New York, NY 10007. Thank you for your time and consideration.

Sincerely,

Juliet Jacobs
Unit Head - Environmental Review (Community Development)
NYC Office of Management and Budget

enc: Attachment 1: Consistency Determination
Attachment 2: NYC and NYS Coastal Maps
Attachment 3: Presentation of Site Plans
Attachment 4: Current Site Photos - 2026
Attachment 5: SEQRA LWRP CAF and Policy Analysis

This document has been prepared by the New York City Office of Management and Budget (OMB) in order to determine consistency of the proposed Queens Botanical Garden (QBG) Pavilion project with the policies of the New York State Coastal Management Program (CMP). OMB is serving as responsible entity for the National Environmental Policy Act (NEPA) process in accordance with 24 CFR Part 58. This determination will be submitted to the New York Department of State Office of Planning Development and Community Infrastructure in accordance with the Coastal Consistency Review for Federal Agency Actions.

Project Description:

The proposed project would involve construction of an open air pavilion on existing park land. The purpose of the Proposed Project is to provide new amenity space in support of the QBG's goals to enhance the visitor's experience of the garden and provide new and expanded opportunities for visitors to explore the garden. The proposed project would also support the QBG's goals to better serve children and families visiting the garden by providing hands-on and interactive learning experiences.

Specific project activities would include the following:

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- Installation of water lines for irrigation, and power lines for the stage.
- Final grading, likely an installation of erosion control measures such as a jute mesh, rain garden planting, installation of tall grasses, shrubs, and the installation of a new Katsura tree.
- Installation of bench bump outs for benches will involve minor ground disturbance.

Consistency Determination

The consistency determination made by the federal agency must contain the following:

A statement indicating whether the proposed activity will be undertaken in a manner consistent to the maximum extent practicable with enforceable policies of the New York State CMP;

After reviewing CMP, OMB has determined that the proposed project would not hinder or conflict with any applicable policies. The proposed project would be undertaken in a manner consistent to the maximum extent practicable with enforceable policies of the New York State CMP.

A description of the evaluation of the effects of the activity on the relevant enforceable policies

of the New York State CMP;

Although the project site falls within the coastal zone, the site is not on, or adjacent to waterfront or coastal land (Attachment 2). The waterways in closest proximity to the project site are approximately 2,000 feet away, and include Flushing Creek, a waterway to the northwest of the project site which empties into Flushing Bay, and a stream to the southwest of the project site that feeds Meadow Lake.

Due to the relatively small scale of the project, and the lack of proximity to coastal areas, the project is not expected to have any effect of the relevant enforceable policies of the New York State CMP.

A detailed description of the activity and its associated facilities (including, as appropriate, maps, site plans, photos and the timing of the activity), and their coastal effects; and

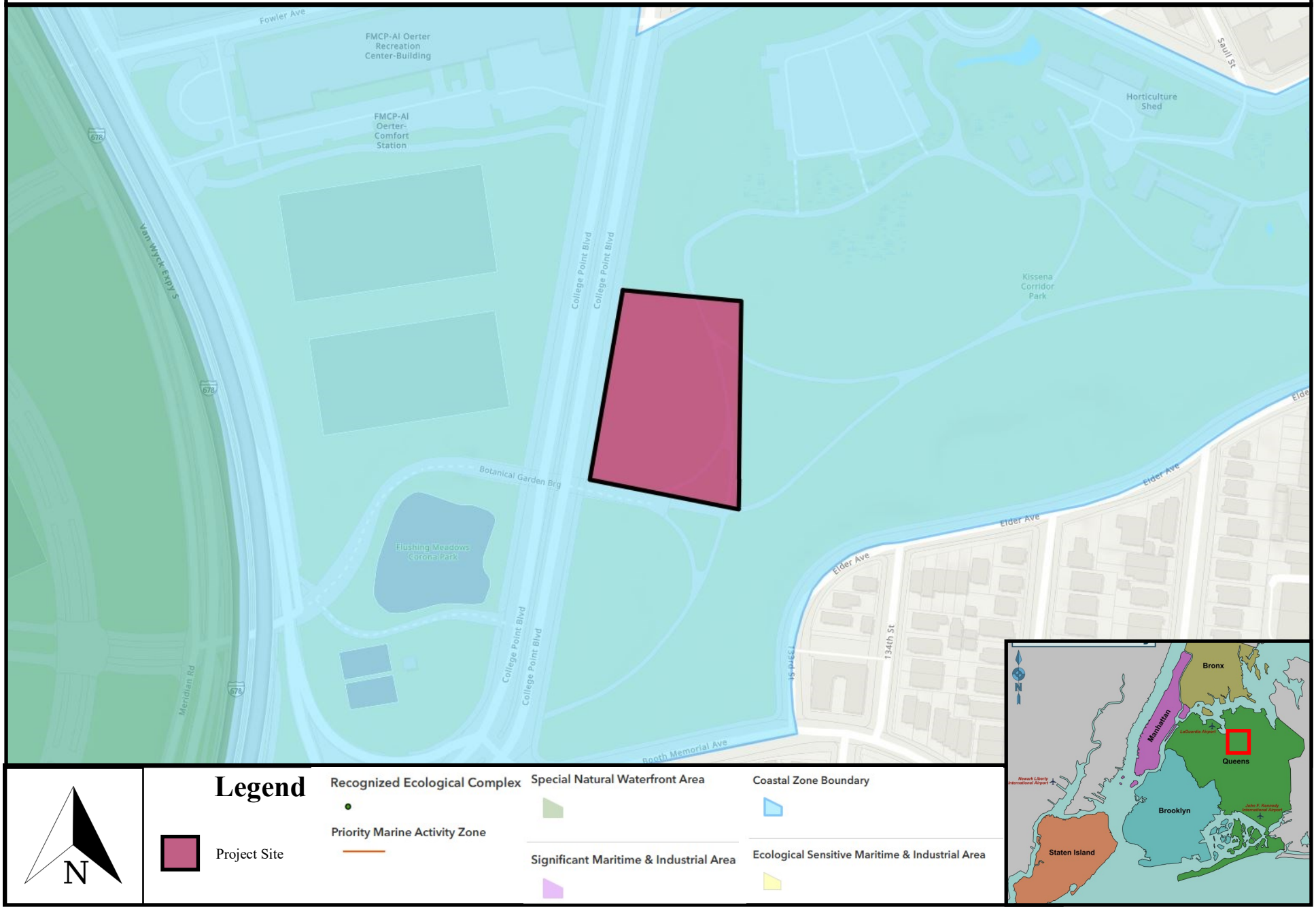
The proposed project description is included above. Additional details can be found in the attachments including a presentation of site plans (Attachment 3) and photographs of the site, taken in February of 2026 (Attachment 4).

Comprehensive data and information sufficient to support the federal agency's consistency determination.

OMB believes the attached information is sufficient to support a consistency determination. Additional project details will be provided upon request.

Queens Botanical Garden Pavilion

Coastal Zone Map



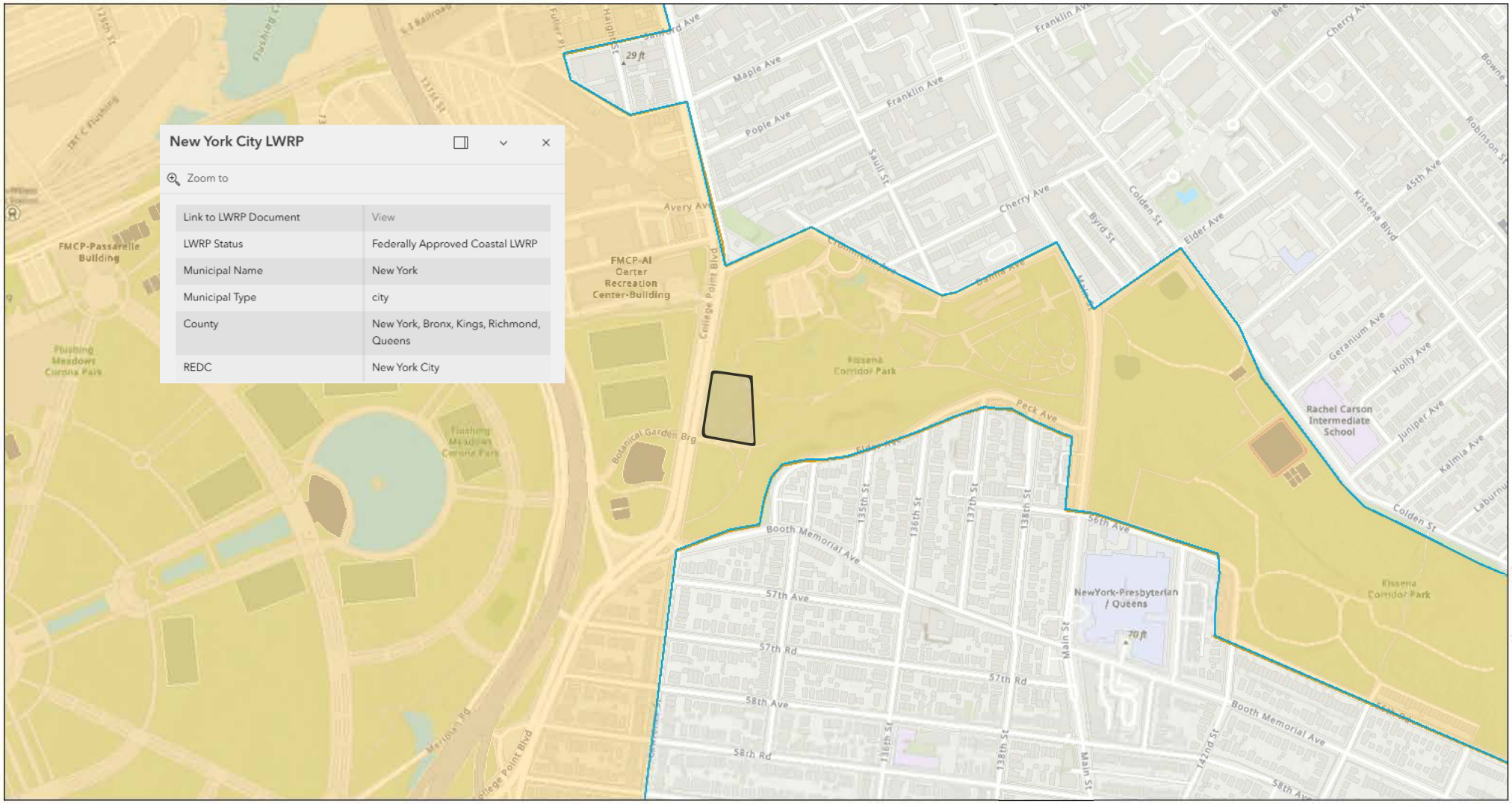
Legend

- Project Site
- Recognized Ecological Complex
- Priority Marine Activity Zone
- Special Natural Waterfront Area
- Significant Maritime & Industrial Area
- Coastal Zone Boundary
- Ecological Sensitive Maritime & Industrial Area

N

Data source: NYC Waterfront Revitalization Program (WRP) - Overview on 03/09/2026

New York Botanical Garden Pavilion Project - Coastal Atlas Web Map



3/17/2026, 2:30:45 PM

1:7,262

0 0.05 0.1 0.2 mi

0 0.1 0.2 0.4 km

Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Esri, NASA, NGA, USGS, FEMA

QUEENS BOTANICAL GARDEN

PAVILION

12.17.24

BKSK

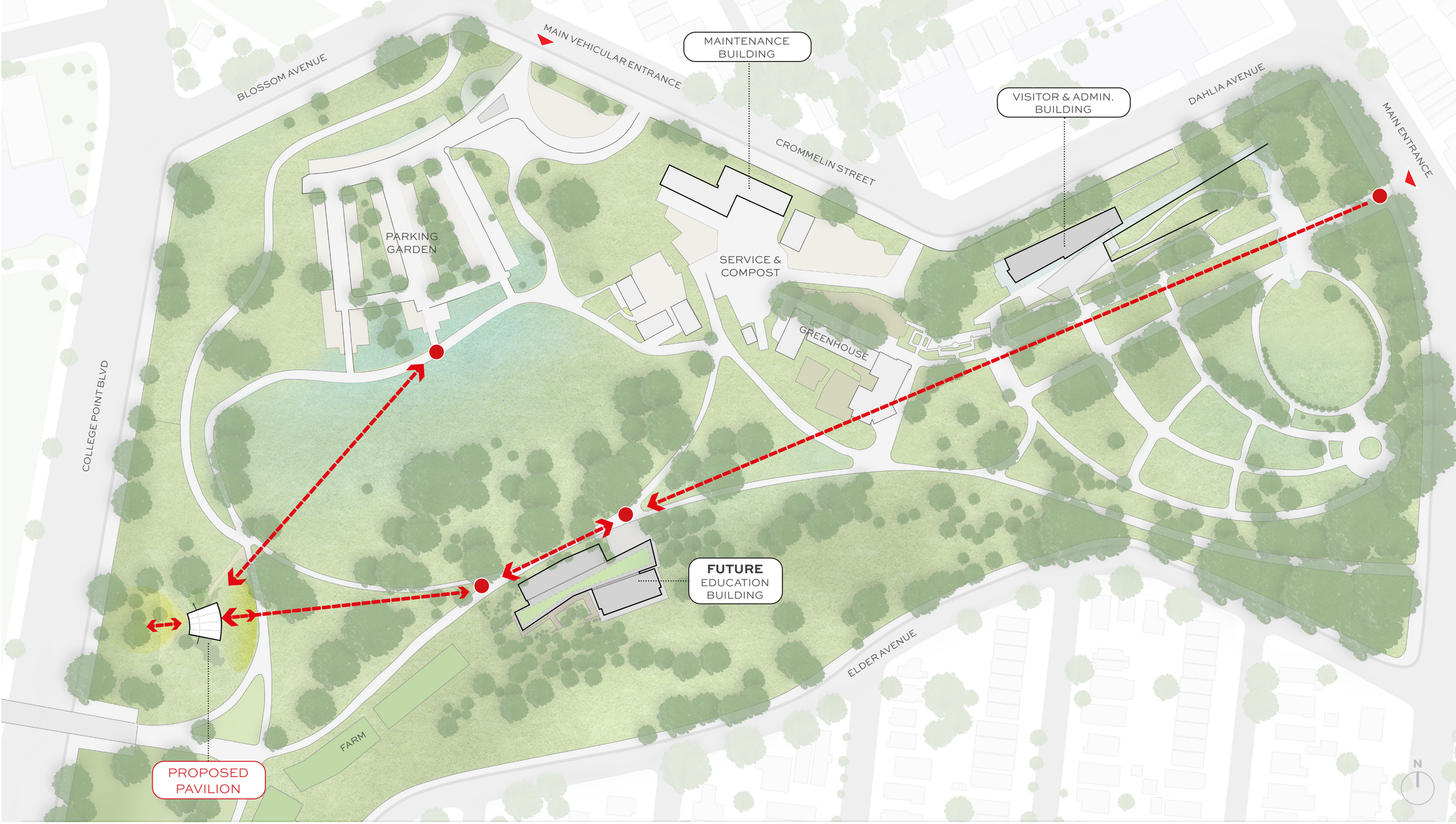
RKLA Studio
LANDSCAPE ARCHITECTURE

Silman

Queens Botanical Garden

NYC Cultural Affairs

NYC Parks



PROPOSED SITE VISIBILITY

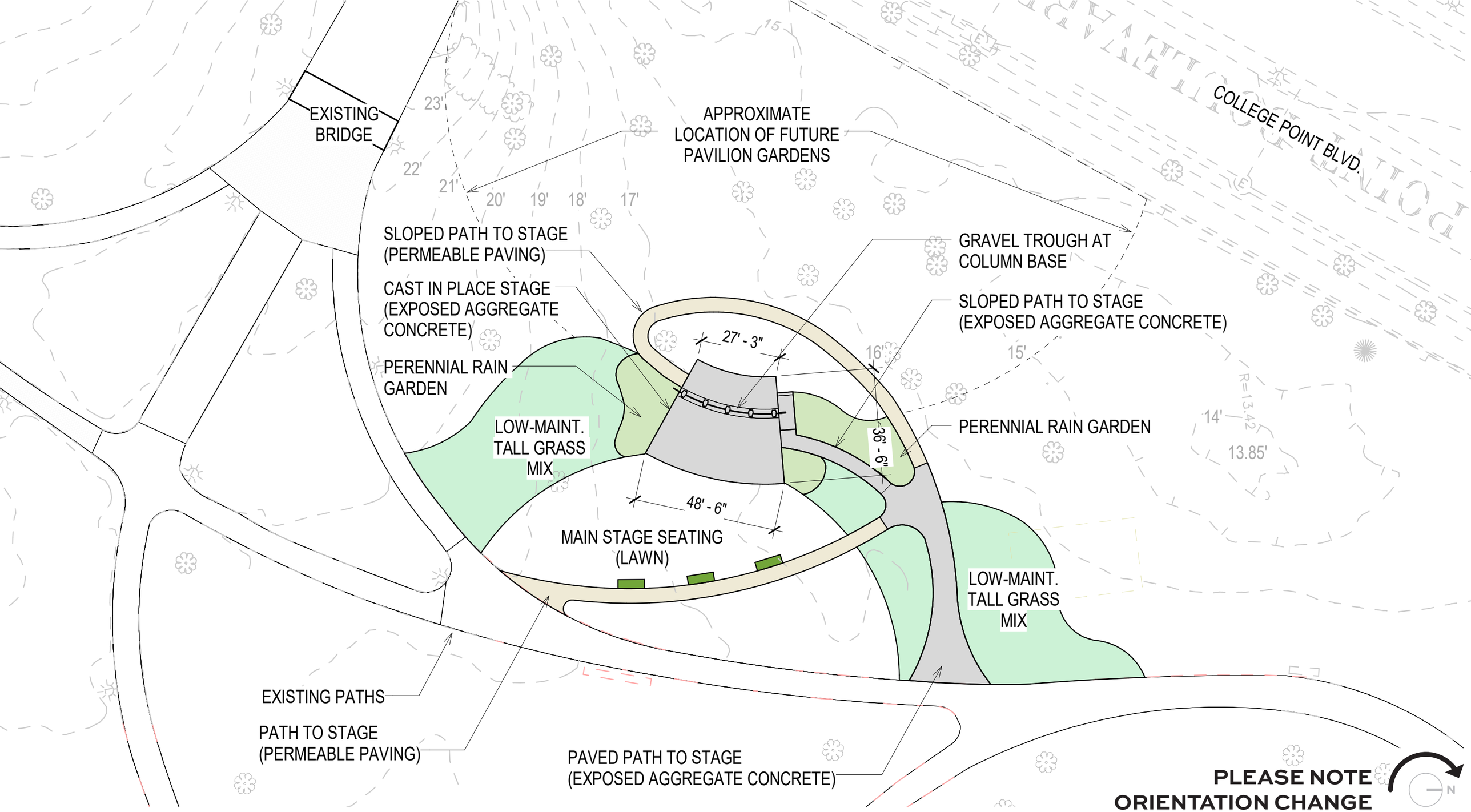
QBG PAVILION

BKSK RKLA Studio LANDSCAPE ARCHITECTURE Silman Queens Botanical Garden NYC Cultural Affairs NYC Parks

PROPOSED SITE ACCESS

QBG PAVILION

BKSK RKLA Studio LANDSCAPE ARCHITECTURE Silman Queens Botanical Garden NYC Cultural Affairs NYC Parks



PROPOSED SITE PLAN

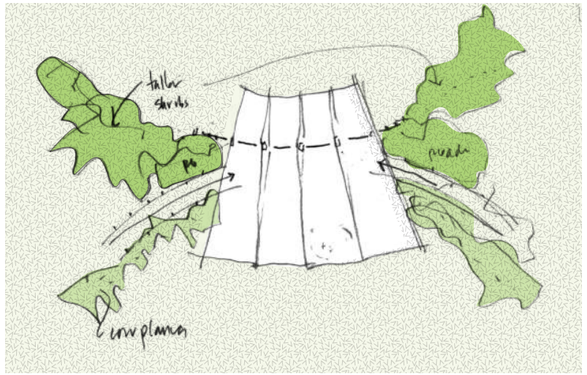
QBG PAVILION

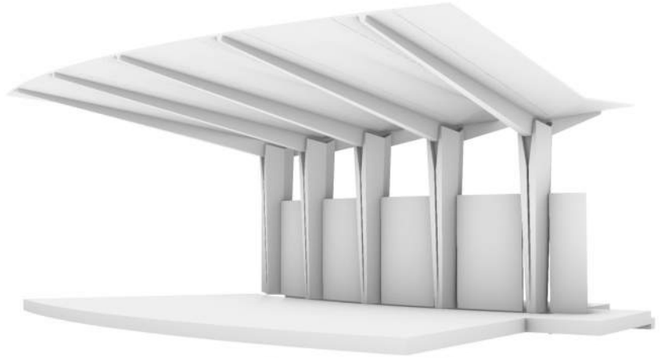
BKSK RKLA Studio LANDSCAPE ARCHITECTURE Silman Queens Botanical Garden NYC Cultural Affairs NYC Parks

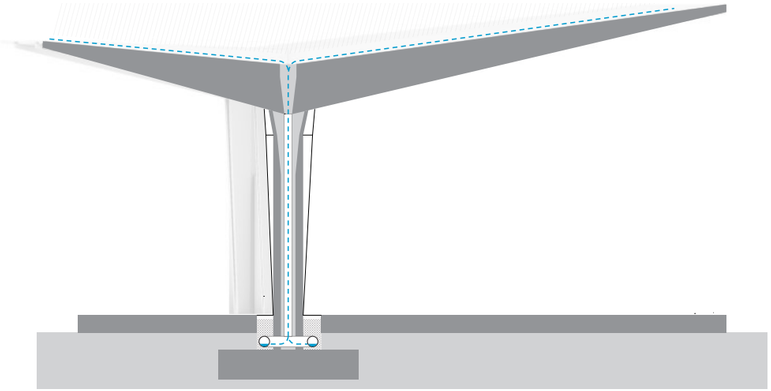
VIEW OF THE MAIN STAGE

QBG PAVILION

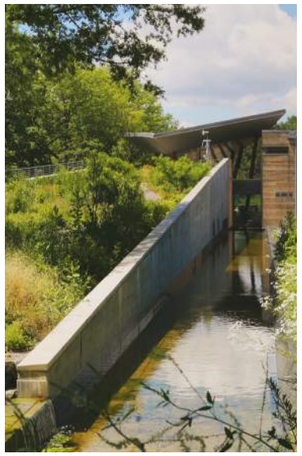
BKSK RKLA Studio LANDSCAPE ARCHITECTURE Silman Queens Botanical Garden NYC Cultural Affairs NYC Parks







DUCTAL UHPC

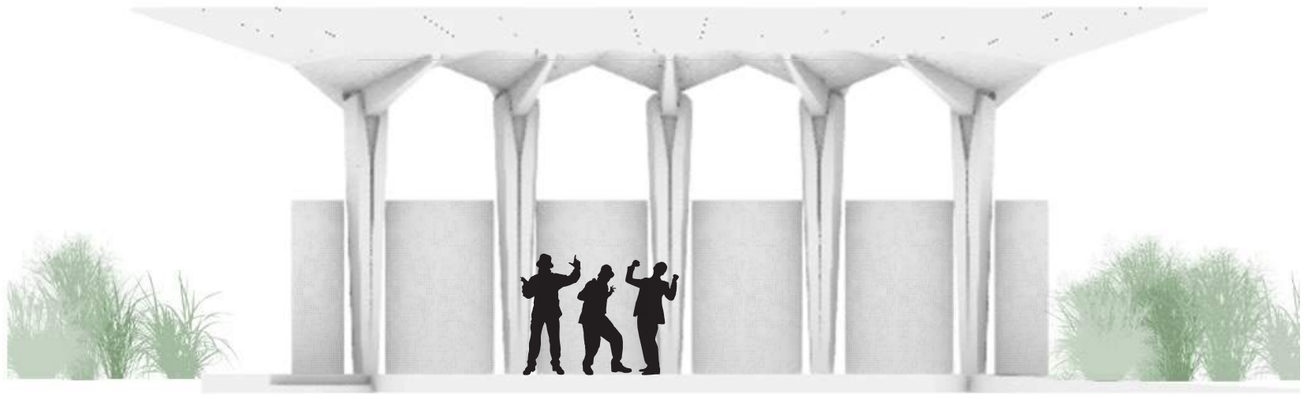


- each structure features a welcoming roof / folded roofs are in dialog with each other
- material choices are in response to site conditions and programmatic requirements: concrete, wood and steel
- on-site water management is integral to each structure
- each structure integrates and frames a landscape

BKSK RKLA Studio LANDSCAPE ARCHITECTURE Silman Queens Botanical Garden NYC Cultural Affairs NYC Parks

MAIN STAGE ELEVATION

SIDE ELEVATION



BACK STAGE / GATHERING ELEVATION

ELEVATIONS

QBG PAVILION

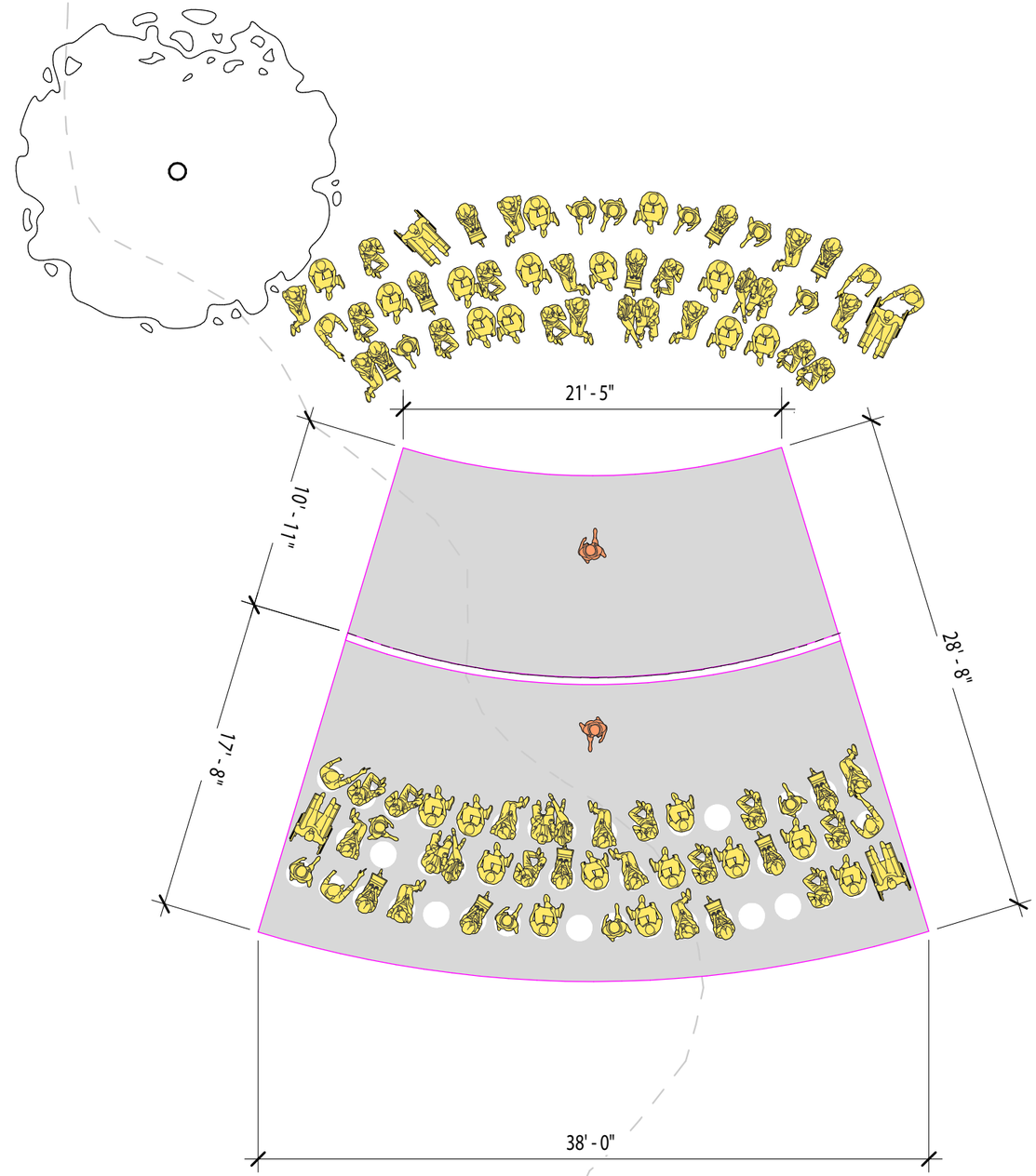
BKSK RKLA Studio LANDSCAPE ARCHITECTURE Silman Queens Botanical Garden NYC Cultural Affairs NYC Parks

FOOTPRINT SIZING_38'_NEW PROPOSED

QBG PAVILION

1/32" = 1'-0"
Project Number: 2218
07.01.2024

BKSK



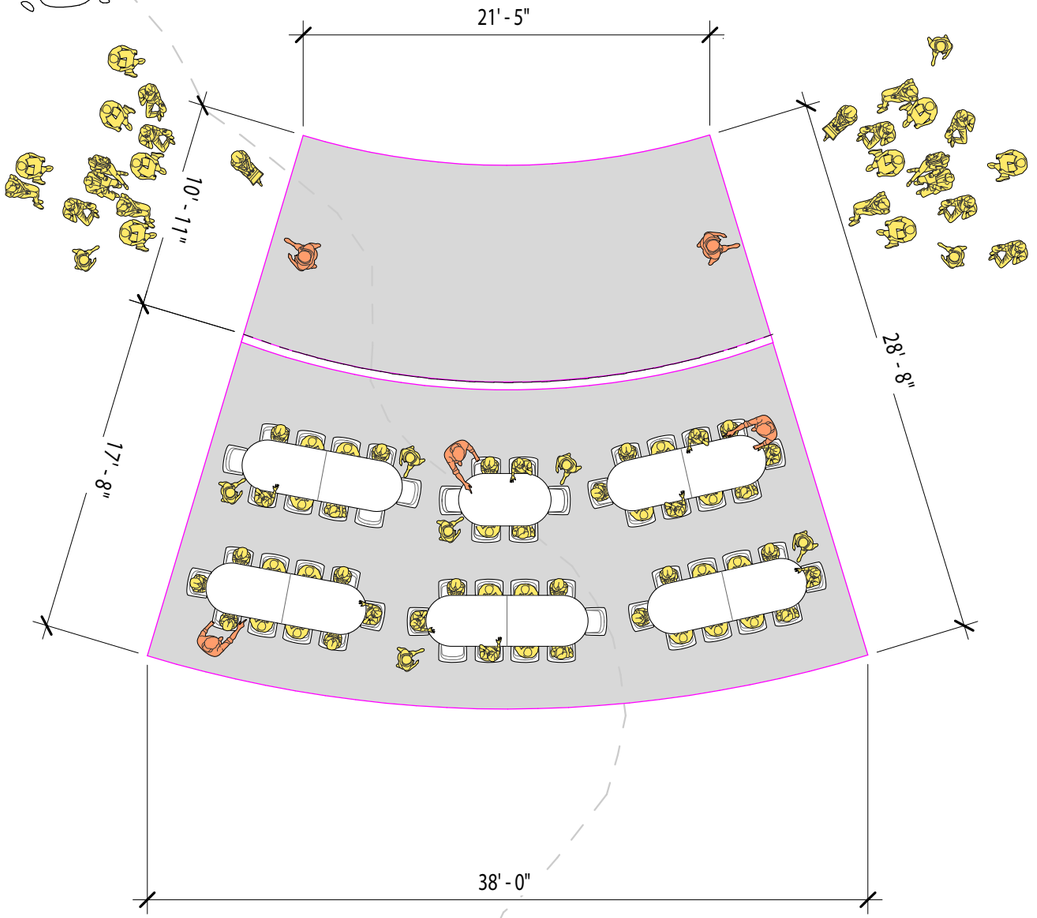
FOOTPRINT SIZING_38'_NEW PROPOSED_A

QBG PAVILION

10

1/8" = 1'-0"
Project Number: 2218
07.01.2024

BKSK



COUNT OF PEOPLE IN PAVILION: 50-55

FOOTPRINT SIZING_38'_NEW PROPOSED_B

QBG PAVILION

1/8" = 1'-0"
Project Number: 2218
07.01.2024

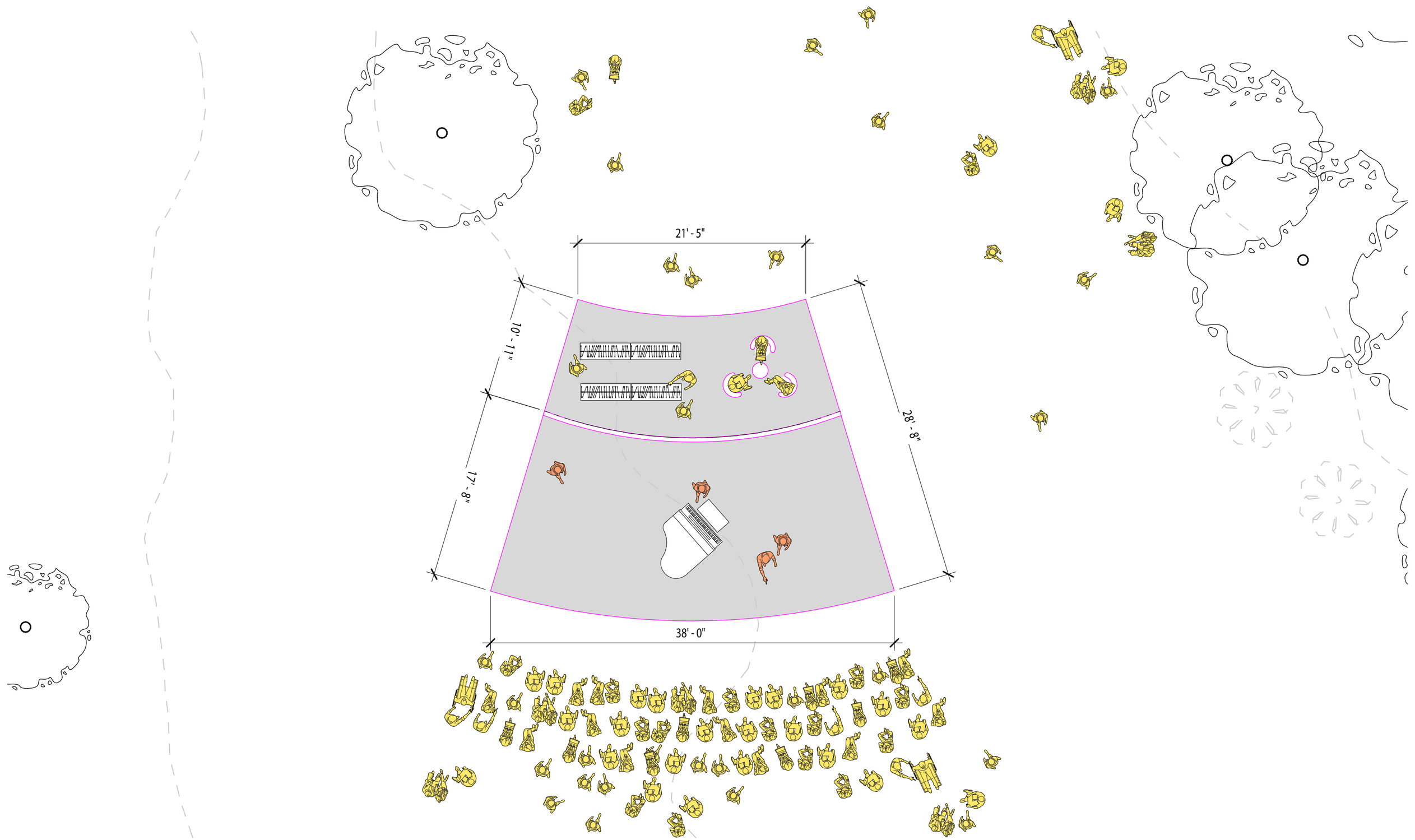
BKSK

FOOTPRINT SIZING_38'_NEW PROPOSED_C

QBG PAVILION

1/8" = 1'-0"
Project Number: 2218
07.01.2024

BKSK



FOOTPRINT SIZING_38'_NEW PROPOSED_D

QBG PAVILION

13

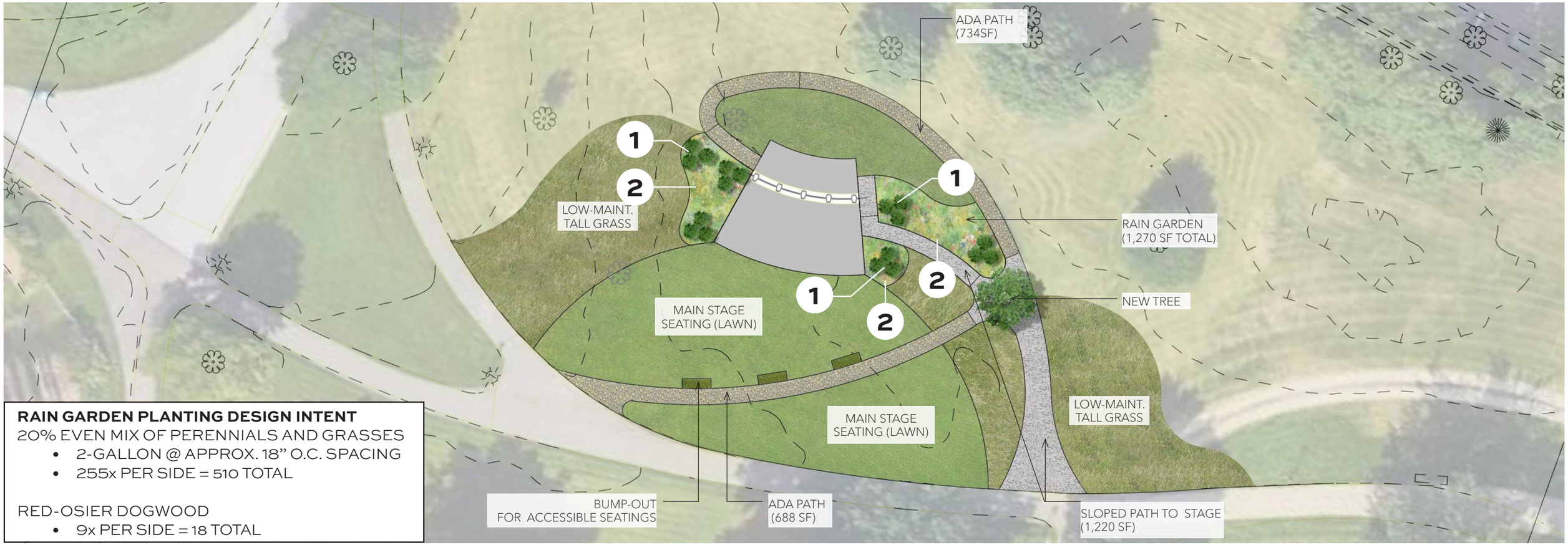
1/8" = 1'-0"
Project Number: 2218
07.01.2024

BKSK

LANDSCAPE PLAN

QBG PAVILION

BKSK RKLA Studio LANDSCAPE ARCHITECTURE Silman Queens Botanical Garden NYC Cultural Affairs NYC Parks



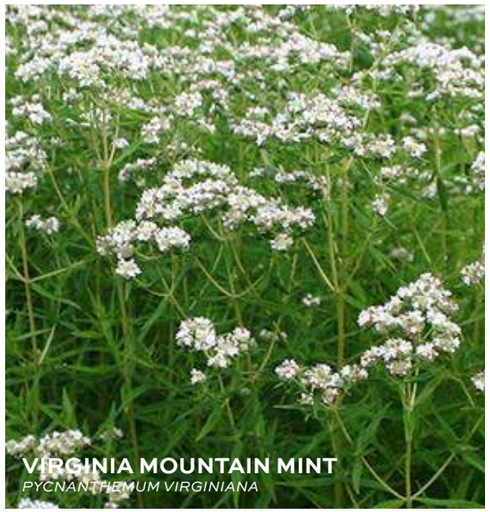
RAIN GARDEN PLANTING DESIGN INTENT

20% EVEN MIX OF PERENNIALS AND GRASSES

- 2-GALLON @ APPROX. 18" O.C. SPACING
- 255x PER SIDE = 510 TOTAL

RED-OSIER DOGWOOD

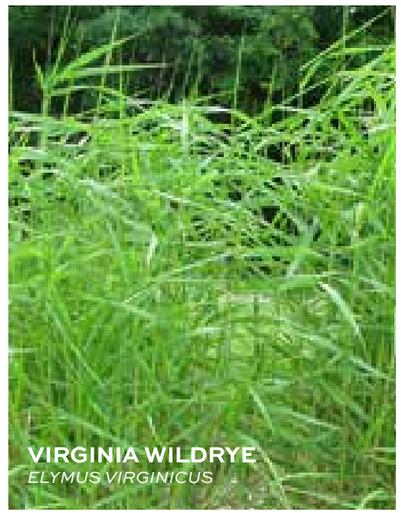
- 9x PER SIDE = 18 TOTAL



LANDSCAPE PLAN - PERENNIALS / GRASSES AT RAIN GARDEN

QBG PAVILION

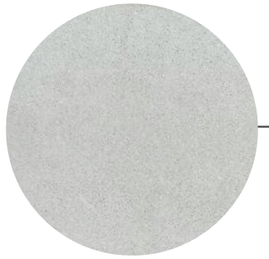
BKSK RKLA Studio LANDSCAPE ARCHITECTURE Silman Queens Botanical Garden NYC Cultural Affairs NYC Parks



LANDSCAPE PLAN - LOW-MAINTENANCE GRASS MIX AND NEW TREE

QBG PAVILION

DUCTAL UHPC



CANOPY AND COLUMNS

EXPOSED AGGREGATE CONCRETE

STAGE

EXPOSED AGGREGATE CONCRETE

AND

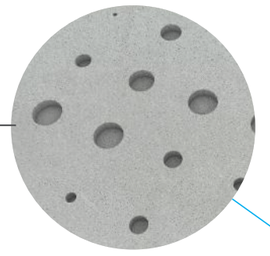
PERMEABLE PAVING

PATHS

RIVER ROUNDS

COLUMN BASE TRENCH

PERFORATED PANELS



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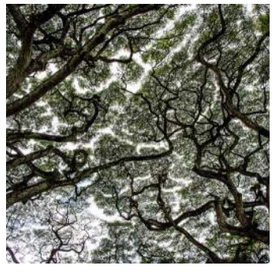

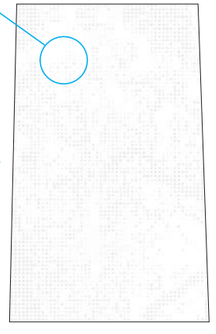

BIOPHILIC IMAGERY

BKSK RKLA Studio LANDSCAPE ARCHITECTURE Silman Queens Botanical Garden NYC Cultural Affairs NYC Parks

View Facing Northwest

View Facing West

View Facing Southwest

FOR INTERNAL USE ONLY	WRP No. _____
Date Received: _____	DOS No. _____

NEW YORK CITY WATERFRONT REVITALIZATION PROGRAM
Consistency Assessment Form

Proposed actions that are subject to CEQR, ULURP or other local, state or federal discretionary review procedures, and that are within New York City's Coastal Zone, must be reviewed and assessed for their consistency with the *New York City Waterfront Revitalization Program (WRP)* which has been approved as part of the State's Coastal Management Program.

This form is intended to assist an applicant in certifying that the proposed activity is consistent with the WRP. It should be completed when the local, state, or federal application is prepared. The completed form and accompanying information will be used by the New York State Department of State, the New York City Department of City Planning, or other city or state agencies in their review of the applicant's certification of consistency.

A. APPLICANT INFORMATION

Name of Applicant: The Queens Botanical Garden Society, Inc.

Name of Applicant Representative: Susan Lacerte

Address: 43-50 Main Street, Flushing, New York, 11355

Telephone: 718-886-3800 x205 Email: slacerte@queensbotanical.org

Project site owner (if different than above): Same as Applicant

B. PROPOSED ACTIVITY

If more space is needed, include as an attachment.

1. Brief description of activity

The Dormitory Authority of the State of New York ("DASNY") has received a funding request from the Queens Botanical Garden Society, Inc. ("Queens Botanical Garden" or "QBG") for its "Open Air Pavilion and Kids Culture Garden" as part of the Community Capital Assistance Program ("CCAP") and/or the State and Municipal Facilities Program ("SAM") (DASNY project #8140). The Proposed Action would involve DASNY's authorization of the expenditure of CCAP and/or SAM program bond proceeds for the Proposed Project as described below.

QBG proposes to construct a new, approximately 3,200-square foot ("sf") open air pavilion structure and composting toilets and an approximately 0.5-acre kids culture garden (the "Proposed Project") within the southwest and south-central area of the QBG (the "Project Site"). The Proposed Project is part of a multi-phase Education Center at the QBG that will also include an approximately 13,000-gross-square-foot ("gsf") Education Building (currently undergoing a separate environmental assessment). The open air pavilion would be located in the southwest portion of the QBG and would provide covered space for educational programming; it is expected to be completed in 2024. The kids culture garden, which is also expected to be completed in 2024, would be located within the south-central portion of the QBG and would include woodlands, a garden, and water play areas. The Proposed Project is not expected to result in any significant increase in staff or visitor populations.

2. Purpose of activity

The QBG is an open air resource located in a densely-populated part of New York City, and has been located at its present site since 1961. The mission of the QBG is to provide "an urban oasis where people, plants, and cultures are celebrated through inspiring gardens, innovative educational programs, and real-world applications of environmental stewardship." The Proposed Project's open air pavilion, composting toilets, and kids culture garden would support the overall mission of the QBG and would be an integral part of the QBG's Education Center that is envisioned for the southwest part of the garden. The Proposed Project would replace unprogrammed open areas and would complement an Education Building that will be developed independent of the Proposed Project, as part of the overall Education Center. The Proposed Project would provide new amenity space in support of the QBG's goals to enhance the visitor's experience of the garden while providing new and expanded opportunities for visitors to explore the garden. The Proposed Project would also support the QBG's goals to better serve children and families by providing hands-on and interactive learning experiences.

C. PROJECT LOCATION

Borough: Queens Tax Block/Lot(s): Block 5107, Lot 200

Street Address: 43-50 Main Street, Flushing, New York, 11355

Name of water body (if located on the waterfront): N/A

D. REQUIRED ACTIONS OR APPROVALS

Check all that apply.

City Actions/Approvals/Funding

City Planning Commission ☐ Yes ☑ No

- ☐ City Map Amendment
- ☐ Zoning Map Amendment
- ☐ Zoning Text Amendment
- ☐ Site Selection – Public Facility
- ☐ Housing Plan & Project
- ☐ Special Permit
  (if appropriate, specify type: ☐ Modification ☐ Renewal ☐ other) Expiration Date: _____
- ☐ Zoning Certification
- ☐ Zoning Authorizations
- ☐ Acquisition – Real Property
- ☐ Disposition – Real Property
- ☐ Other, explain: _____
- ☐ Concession
- ☐ UDAAP
- ☐ Revocable Consent
- ☐ Franchise

Board of Standards and Appeals ☐ Yes ☑ No

- ☐ Variance (use)
- ☐ Variance (bulk)
- ☐ Special Permit
  (if appropriate, specify type: ☐ Modification ☐ Renewal ☐ other) Expiration Date: _____

Other City Approvals

- ☐ Legislation
- ☐ Rulemaking
- ☐ Construction of Public Facilities
- ☐ 384 (b) (4) Approval
- ☑ Other, explain: Approvals from NYC Parks and NYC Public Design Commission
- ☐ Funding for Construction, specify: _____
- ☐ Policy or Plan, specify: _____
- ☐ Funding of Program, specify: _____
- ☐ Permits, specify: _____

State Actions/Approvals/Funding

- ☐ State permit or license, specify Agency: _____ Permit type and number: _____
- ☑ Funding for Construction, specify: DASNY authorization of grant funding through CCAP and/or SAM
- ☐ Funding of a Program, specify: _____
- ☐ Other, explain: _____

Federal Actions/Approvals/Funding

- ☐ Federal permit or license, specify Agency: _____ Permit type and number: _____
- ☐ Funding for Construction, specify: _____
- ☐ Funding of a Program, specify: _____
- ☐ Other, explain: _____

Is this being reviewed in conjunction with a Joint Application for Permits? ☐ Yes ☑ No

E. LOCATION QUESTIONS

1. Does the project require a waterfront site? ☐ Yes ☑ No
2. Would the action result in a physical alteration to a waterfront site, including land along the shoreline, land under water or coastal waters? ☐ Yes ☑ No
3. Is the project located on publicly owned land or receiving public assistance? ☑ Yes ☐ No
4. Is the project located within a FEMA 1% annual chance floodplain? *(6.2)* ☐ Yes ☑ No
5. Is the project located within a FEMA 0.2% annual chance floodplain? *(6.2)* ☐ Yes ☑ No
6. Is the project located adjacent to or within a special area designation? *See Maps – Part III of the NYC WRP. If so, check appropriate boxes below and evaluate policies noted in parentheses as part of WRP Policy Assessment (Section F).* ☐ Yes ☑ No

   ☐ Significant Maritime and Industrial Area (SMIA) (*2.1*)

   ☐ Special Natural Waterfront Area (SNWA) (*4.1*)

   ☐ Priority Maritime Activity Zone (PMAZ) (*3.5*)

   ☐ Recognized Ecological Complex (REC) (*4.4*)

   ☐ West Shore Ecologically Sensitive Maritime and Industrial Area (ESMIA) (*2.2, 4.2*)

F. WRP POLICY ASSESSMENT

Review the project or action for consistency with the WRP policies. For each policy, check Promote, Hinder *or* Not Applicable (N/A). *For more information about consistency review process and determination, see* ***Part I*** *of the NYC Waterfront Revitalization Program. When assessing each policy, review the full policy language, including all sub-policies, contained within* ***Part II*** *of the WRP. The relevance of each applicable policy may vary depending upon the project type and where it is located (i.e. if it is located within one of the special area designations).*

For those policies checked Promote *or* Hinder, *provide a written statement on a separate page that assesses the effects of the proposed activity on the relevant policies or standards. If the project or action promotes a policy, explain how the action would be consistent with the goals of the policy. If it hinders a policy, consideration should be given toward any practical means of altering or modifying the project to eliminate the hindrance. Policies that would be advanced by the project should be balanced against those that would be hindered by the project. If reasonable modifications to eliminate the hindrance are not possible, consideration should be given as to whether the hindrance is of such a degree as to be substantial, and if so, those adverse effects should be mitigated to the extent practicable.*

		Promote	Hinder	N/A
1	**Support and facilitate commercial and residential redevelopment in areas well-suited to such development.**	☐	☐	☑
1.1	Encourage commercial and residential redevelopment in appropriate Coastal Zone areas.	☐	☐	☐
1.2	Encourage non-industrial development with uses and design features that enliven the waterfront and attract the public.	☐	☐	☐
1.3	Encourage redevelopment in the Coastal Zone where public facilities and infrastructure are adequate or will be developed.	☐	☐	☐
1.4	In areas adjacent to SMIAs, ensure new residential development maximizes compatibility with existing adjacent maritime and industrial uses.	☐	☐	☐
1.5	Integrate consideration of climate change and sea level rise into the planning and design of waterfront residential and commercial development, pursuant to WRP Policy 6.2.	☐	☐	☐

		Promote	Hinder	N/A
2	**Support water-dependent and industrial uses in New York City coastal areas that are well-suited to their continued operation.**	☐	☐	☑
2.1	Promote water-dependent and industrial uses in Significant Maritime and Industrial Areas.	☐	☐	☐
2.2	Encourage a compatible relationship between working waterfront uses, upland development and natural resources within the Ecologically Sensitive Maritime and Industrial Area.	☐	☐	☐
2.3	Encourage working waterfront uses at appropriate sites outside the Significant Maritime and Industrial Areas or Ecologically Sensitive Maritime Industrial Area.	☐	☐	☐
2.4	Provide infrastructure improvements necessary to support working waterfront uses.	☐	☐	☐
2.5	Incorporate consideration of climate change and sea level rise into the planning and design of waterfront industrial development and infrastructure, pursuant to WRP Policy 6.2.	☐	☐	☐
3	**Promote use of New York City's waterways for commercial and recreational boating and water-dependent transportation.**	☐	☐	☑
3.1.	Support and encourage in-water recreational activities in suitable locations.	☐	☐	☐
3.2	Support and encourage recreational, educational and commercial boating in New York City's maritime centers.	☐	☐	☐
3.3	Minimize conflicts between recreational boating and commercial ship operations.	☐	☐	☐
3.4	Minimize impact of commercial and recreational boating activities on the aquatic environment and surrounding land and water uses.	☐	☐	☐
3.5	In Priority Marine Activity Zones, support the ongoing maintenance of maritime infrastructure for water-dependent uses.	☐	☐	☐
4	**Protect and restore the quality and function of ecological systems within the New York City coastal area.**	☐	☐	☑
4.1	Protect and restore the ecological quality and component habitats and resources within the Special Natural Waterfront Areas.	☐	☐	☐
4.2	Protect and restore the ecological quality and component habitats and resources within the Ecologically Sensitive Maritime and Industrial Area.	☐	☐	☐
4.3	Protect designated Significant Coastal Fish and Wildlife Habitats.	☐	☐	☐
4.4	Identify, remediate and restore ecological functions within Recognized Ecological Complexes.	☐	☐	☐
4.5	Protect and restore tidal and freshwater wetlands.	☐	☐	☐
4.6	In addition to wetlands, seek opportunities to create a mosaic of habitats with high ecological value and function that provide environmental and societal benefits. Restoration should strive to incorporate multiple habitat characteristics to achieve the greatest ecological benefit at a single location.	☐	☐	☐
4.7	Protect vulnerable plant, fish and wildlife species, and rare ecological communities. Design and develop land and water uses to maximize their integration or compatibility with the identified ecological community.	☐	☐	☐
4.8	Maintain and protect living aquatic resources.	☐	☐	☐

		Promote	Hinder	N/A
5	**Protect and improve water quality in the New York City coastal area.**	☐	☐	☑
5.1	Manage direct or indirect discharges to waterbodies.	☐	☐	☐
5.2	Protect the quality of New York City's waters by managing activities that generate nonpoint source pollution.	☐	☐	☐
5.3	Protect water quality when excavating or placing fill in navigable waters and in or near marshes, estuaries, tidal marshes, and wetlands.	☐	☐	☐
5.4	Protect the quality and quantity of groundwater, streams, and the sources of water for wetlands.	☐	☐	☐
5.5	Protect and improve water quality through cost-effective grey-infrastructure and in-water ecological strategies.	☐	☐	☐
6	**Minimize loss of life, structures, infrastructure, and natural resources caused by flooding and erosion, and increase resilience to future conditions created by climate change.**	☐	☐	☑
6.1	Minimize losses from flooding and erosion by employing non-structural and structural management measures appropriate to the site, the use of the property to be protected, and the surrounding area.	☐	☐	☐
6.2	Integrate consideration of the latest New York City projections of climate change and sea level rise (as published in *New York City Panel on Climate Change 2015 Report, Chapter 2: Sea Level Rise and Coastal Storms*) into the planning and design of projects in the city's Coastal Zone.	☐	☐	☐
6.3	Direct public funding for flood prevention or erosion control measures to those locations where the investment will yield significant public benefit.	☐	☐	☐
6.4	Protect and preserve non-renewable sources of sand for beach nourishment.	☐	☐	☐
7	**Minimize environmental degradation and negative impacts on public health from solid waste, toxic pollutants, hazardous materials, and industrial materials that may pose risks to the environment and public health and safety.**	☑	☐	☐
7.1	Manage solid waste material, hazardous wastes, toxic pollutants, substances hazardous to the environment, and the unenclosed storage of industrial materials to protect public health, control pollution and prevent degradation of coastal ecosystems.	☑	☐	☐
7.2	Prevent and remediate discharge of petroleum products.	☑	☐	☐
7.3	Transport solid waste and hazardous materials and site solid and hazardous waste facilities in a manner that minimizes potential degradation of coastal resources.	☑	☐	☐
8	**Provide public access to, from, and along New York City's coastal waters.**	☐	☐	☑
8.1	Preserve, protect, maintain, and enhance physical, visual and recreational access to the waterfront.	☐	☐	☐
8.2	Incorporate public access into new public and private development where compatible with proposed land use and coastal location.	☐	☐	☐
8.3	Provide visual access to the waterfront where physically practical.	☐	☐	☐
8.4	Preserve and develop waterfront open space and recreation on publicly owned land at suitable locations.	☐	☐	☐

		Promote	Hinder	N/A
8.5	Preserve the public interest in and use of lands and waters held in public trust by the State and City.	☐	☐	☐
8.6	Design waterfront public spaces to encourage the waterfront's identity and encourage stewardship.	☐	☐	☐
9	**Protect scenic resources that contribute to the visual quality of the New York City coastal area.**	☐	☐	☑
9.1	Protect and improve visual quality associated with New York City's urban context and the historic and working waterfront.	☐	☐	☐
9.2	Protect and enhance scenic values associated with natural resources.	☐	☐	☐
10	**Protect, preserve, and enhance resources significant to the historical, archaeological, architectural, and cultural legacy of the New York City coastal area.**	☐	☐	☑
10.1	Retain and preserve historic resources, and enhance resources significant to the coastal culture of New York City.	☐	☐	☐
10.2	Protect and preserve archaeological resources and artifacts.	☐	☐	☐

G. CERTIFICATION

The applicant or agent must certify that the proposed activity is consistent with New York City's approved Local Waterfront Revitalization Program, pursuant to New York State's Coastal Management Program. If this certification cannot be made, the proposed activity shall not be undertaken. If this certification can be made, complete this Section.

"The proposed activity complies with New York State's approved Coastal Management Program as expressed in New York City's approved Local Waterfront Revitalization Program, pursuant to New York State's Coastal Management Program, and will be conducted in a manner consistent with such program."

Applicant/Agent's Name: Queens Botanical Garden Society, Inc./Susan Lacerte

Address: 43-50 Main Street, Flushing, NY 11355

Telephone: 718-886-3800 x205 Email: slacerte@queensbotanical.org

Applicant/Agent's Signature: _____

Date: _____

Submission Requirements

For all actions requiring City Planning Commission approval, materials should be submitted to the Department of City Planning.

For local actions not requiring City Planning Commission review, the applicant or agent shall submit materials to the Lead Agency responsible for environmental review. A copy should also be sent to the Department of City Planning.

For State actions or funding, the Lead Agency responsible for environmental review should transmit its WRP consistency assessment to the Department of City Planning.

For Federal direct actions, funding, or permits applications, including Joint Applicants for Permits, the applicant or agent shall also submit a copy of this completed form along with his/her application to the NYS Department of State Office of Planning and Development and other relevant state and federal agencies. A copy of the application should be provided to the NYC Department of City Planning.

The Department of City Planning is also available for consultation and advisement regarding WRP consistency procedural matters.

New York City Department of City Planning
Waterfront and Open Space Division
120 Broadway, 31st Floor
New York, New York 10271
212-720-3696
wrp@planning.nyc.gov
www.nyc.gov/wrp

New York State Department of State
Office of Planning and Development
Suite 1010
One Commerce Place, 99 Washington Avenue
Albany, New York 12231-0001
518-474-6000
www.dos.ny.gov/opd/programs/consistency

Applicant Checklist

- ☑ Copy of original signed NYC Consistency Assessment Form
- ☑ Attachment with consistency assessment statements for all relevant policies
- ☐ For Joint Applications for Permits, one (1) copy of the complete application package
- ☑ Environmental Review documents
- ☐ Drawings (plans, sections, elevations), surveys, photographs, maps, or other information or materials which would support the certification of consistency and are not included in other documents submitted. All drawings should be clearly labeled and at a scale that is legible.
- ☐ Policy 6.2 Flood Elevation worksheet, if applicable. For guidance on applicability, refer to the WRP Policy 6.2 Guidance document available at www.nyc.gov/wrp

APPENDIX A, ATTACHMENT A:
NYC WATERFRONT REVITALIZATION PROGRAM

A. NEW YORK CITY WATERFRONT REVITALIZATION PROGRAM CONSISTENCY

The project site is located within the City's designated Coastal Zone. Therefore, in accordance with the guidelines of the *CEQR Technical Manual*, an evaluation of the proposed project's consistency with the New York City Waterfront Revitalization Program ("WRP") policies is provided below.

CONSISTENCY OF PROPOSED PROJECT WITH THE WATERFRONT REVITALIZATION PROGRAM POLICIES

New York City's WRP includes 10 principal policies designed to maximize the benefits derived from economic development, environmental preservation, and public use of the waterfront, while minimizing the conflicts among those objectives. Assessments of the proposed project's conformity with the City's WRP policies are provided below for all policy questions answered "Promote" or "Hinder" on the Consistency Assessment Form.

Policy 7: Minimize environmental degradation and negative impacts on public health from solid waste, toxic pollutants, hazardous materials, and industrial materials that may pose risks to the environment and public health and safety.

Project excavation activities could increase pathways for worker (and, to a lesser extent, community and environmental) exposure to any contaminated soils or other contaminated materials that are present, however impacts would be avoided by incorporating certain measures including proper soil testing and management with the implementation of a Remedial Action Plan ("RAP") and Health and Safety Plan ("HASP").

Policy 7.1: Manage solid waste material, hazardous wastes, toxic pollutants, substances hazardous to the environment, and the unenclosed storage of industrial materials to protect public health, control pollution and prevent degradation of coastal ecosystems.

Although not anticipated, if contaminated soil and/or fill materials are encountered during project excavation, it would be properly characterized and removed for off-site disposal in accordance with applicable requirements.

Policy 7.2: Prevent and remediate discharge of petroleum products.

Removal of any unforeseen encountered petroleum tanks (and/or any contaminated soil) would be performed in accordance with applicable regulatory requirements including New York State Department of Environmental Conservation ("NYSDEC")'s requirements relating to spill reporting and tank registration.

Policy 7.3: Transport solid waste and hazardous materials and site solid and hazardous waste facilities in a manner that minimizes potential degradation of coastal resources.

Excess soil (if any) would likely be transported off site for disposal by a licensed trucking company. ✷

From: Newman, David (DOS) <David.Newman@dos.ny.gov>
Sent: Tuesday, March 17, 2026 11:39 AM
To: Jacobs, Juliet <JacobsJuliet@omb.nyc.gov>; Bayzon, Peter (DOS) <Peter.Bayzon@dos.ny.gov>
Cc: MMarrel@planning.nyc.gov; Freeman, Julie <FreemanJ@omb.nyc.gov>; fquintanilla@queensbotanical.org; Rebecca Wolf <rwolf@queensbotanical.org>
Subject: [EXTERNAL] RE: Waterfront Revitalization Program Consistency Concurrence for - Queens Botanical Garden Pavilion

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe. Forward suspect email to phish@oti.nyc.gov as an attachment (Click the More button, then forward as attachment).

Hi Juliet,

Thank you for your email. I was not able to find any evidence that the Department of State reviewed the proposed activity. As OMB is the responsible entity for HUD it would be incumbent upon OMB to determine if the proposed activity would affect any coastal use or resource and if so, submit a consistency determination to the Department of State pursuant to 15 CFR 930, Subpart C (Federal Agency Activities, which includes federal financial assistance to private organizations).

As it relates to SEQRA reviews, the Coastal Management Program at DOS is typically not considered an involved agency however we may provide comments as an interested agency. Any comments or lack thereof related to SEQRA should not be inferred as a decision (concurrence or objection) from DOS pursuant to the Coastal Zone Management Act.

Please let me know if you have any questions.

DAVID NEWMAN
Coastal Resources Specialist 3

New York Department of State
Office of Planning Development
and Community Infrastructure
99 Washington Ave., Albany, NY 12231
w: (518) 474-9039 | david.newman@dos.ny.gov
dos.ny.gov
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From: Jacobs, Juliet <JacobsJuliet@omb.nyc.gov>
Sent: Tuesday, March 17, 2026 10:10 AM
To: Bayzon, Peter (DOS) <Peter.Bayzon@dos.ny.gov>; Newman, David (DOS) <David.Newman@dos.ny.gov>
Cc: MMarrel@planning.nyc.gov; Freeman, Julie <FreemanJ@omb.nyc.gov>; fquintanilla@queensbotanical.org; Rebecca Wolf <rwolf@queensbotanical.org>
Subject: Waterfront Revitalization Program Consistency Concurrence for - Queens Botanical Garden Pavilion

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Good Morning,

The NYC Office of Management and Budget (OMB) is conducting an environmental review for a proposed project involving construction of an approximately 3,200 square foot open air pavilion structure within the southwest corner of the Queens Botanical Garden (QBG). OMB is serving as the Responsible Entity (for environmental review purposes only) for a National Environmental Policy Act (NEPA) review, which is required due to the U.S. Department of Housing and Urban Development (HUD) providing $500,000 in Community Project Funding (CPF) for the project. However, a State Environmental Quality Review Act (SEQRA) was previously completed in 2021, with the Dormitory Authority of the State of New York (DASNY), serving as lead agency. As part of this review, the attached Consistency Assessment Form (CAF) and assessment was completed. My understanding is that, although DASNY did not receive a formal response from the NYC Department of City Planning or the New York Department of State, that this is typical for SEQRA reviews.

Please let me know if previous approval of your office of the attached materials can be applied to the NEPA review, or if an updated CAF and supporting materials are needed. I will also reach out to the NYC Department of City Planning for review and approval.

Thank You!

Juliet Jacobs
Unit Head – Environmental (CD)
New York City Mayor's Office of Management & Budget
255 Greenwich Street, 8th Floor
New York, NY 10007
☎ (212) 788-1653
✉ JacobsJuliet@omb.nyc.gov

7.1 – Phase I Environmental Site Assessment

AKRF, Inc.
440 Park Avenue South
New York, NY 10016
Phone: 212-696-0670
Fax: 212-726-0942

December 1, 2020

Ms. Susan Lacerte, Executive Director
Queens Botanical Garden
43-50 Main Street
Flushing, Queens, New York 11355

Re: Phase I Environmental Site Assessment
Queens Botanical Garden
Proposed Pavilion and Kid's Culture Garden development
AKRF Project Number 200183

Dear Ms. Lacerte:

AKRF, Inc. is pleased to submit this Phase I Environmental Site Assessment Report for the above-referenced Property. This report includes an evaluation of readily available historical information and selected environmental databases and electronic records. AKRF, Inc. met the requirements of American Society for Testing and Materials (ASTM) as established by ASTM Standard E1527-13 unless noted otherwise in Section 8.0: "Limitations and Data Gaps".

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

Sincerely,
AKRF, Inc.

Neoma Chefalo
Senior Environmental Scientist

Axel Schwendt
Vice President

Enc.

EXECUTIVE SUMMARY

AKRF, Inc. (AKRF) was retained by the Queens Botanical Garden Society, Inc. ("Queens Botanical Garden" or "QBG") to perform an Environmental Site Assessment of two development parcels located in the QBG campus in the Flushing section of Queens, New York (the "Property"). For the purposes of this assessment, the Property consisted of two non-contiguous undeveloped landscaped areas within the overall QBG campus in the proposed location of an open air pavilion and two composting toilets (on the southwestern portion of the QBG campus) and a kids culture garden (on the south-central portion of the QBG campus); development plans have not been finalized to date. The legal definition of the Property is Tax Block 5107, part of Lot 200. Adjacent properties include additional green space within the QBG campus to the north, east, and south; residential development to the south; and College Point Boulevard to the west and northwest, followed by the Flushing Meadows Park Corona Soccer Field and additional parkland. The approximate Property locations are shown on Figures 1 and 2.

The objective of this assessment was to identify any potential environmental concerns associated with the site resulting from past or current site usage or usage of neighboring properties.

This Phase I Environmental Site Assessment was performed in conformance with ASTM Standard E1527-13, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Practice*. Any exceptions to, or deletions from, the Standard are described in Section 8.0. The term "Recognized Environmental Condition" (REC) means the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. The Standard also includes definitions of Historic REC, Controlled REC, and *De Minimis* Condition.

A summary of the assessment findings is presented below:

Recognized Environmental Conditions (RECs)

- During a 2011 geotechnical investigation conducted by others at the QBG campus including several areas proximal to the proposed project, some visual and/or olfactory evidence of limited petroleum contamination was observed in the geotechnical borings completed in several areas throughout the campus including in two borings located near (i.e. within roughly 150 feet) the proposed project areas.

Other non-REC environmental concerns, business Environmental Risks (including items outside the scope of ASTM E1527-13 such as asbestos containing material [ACM], lead-based paint [LBP], and/or polychlorinated biphenyls [PCBs] in building materials or fill/debris)

- Historical land use maps and aerial photographs indicated that the Property and surrounding area formerly comprised marshland and a portion of Mill Creek and underwent infilling in the early 1900's through the 1950's to create the current parkland and green space. Historic fill materials beneath the Property may contain polychlorinated biphenyls (PCBs), lead-based paint (LBP), petroleum and/or asbestos-containing materials (ACM). Given the Property history as former marshland, there is a potential for elevated levels of methane in the subsurface.
- The regulatory database identified facilities in the greater surrounding area with limited potential to have affected the Property subsurface. This included two closed status petroleum spills in the vicinity of the current Administration Building on the northern portion of the QBG campus (approximately 800 feet away from the Property), which was associated with former automotive uses to the north of the campus.

Recommendations

- AKRF understands that the proposed project will require limited subsurface disturbance associated with the proposed open air pavilion and kids culture garden uses. Prior to any significant subsurface disturbance of on-site soil that would be required for the project, a limited subsurface (Phase II) investigation (i.e., soil testing for disposal purposes) should be conducted in areas of potential excavation to ensure that soil management is conducted in accordance with applicable regulations. If future redevelopment plans include occupied/enclosed structures, a more comprehensive Phase II Investigation may be warranted prior to redevelopment.
- Any disturbed soil from the proposed project slated for reuse should be properly characterized in accordance with applicable state and federal regulatory requirements prior to placement at the Property or elsewhere within the QBG. Although not anticipated, if during proposed renovation/redevelopment activities disturbed soil requires off-site disposal, it should be managed in accordance with applicable regulatory requirements. Soil and any other materials intended for off-site disposal should be tested in accordance with the requirements of the intended receiving facility. Transportation of material leaving the Property for off-site disposal should be in accordance with federal, state and local requirements covering licensing of haulers and trucks, placarding, truck routes, manifesting, etc. If contaminated soil or unforeseen underground storage tanks (USTs) are discovered during soil excavation activities, they should be removed and disposed of in accordance with applicable regulatory requirements, including those relating to tank registration and spill reporting, if necessary. Any evidence of a petroleum spill should be reported to NYSDEC and addressed in accordance with applicable requirements.
- Any ACM, LBP and/or PCB-containing fill materials, if encountered during disturbance (though not anticipated), should be characterized and disposed of in accordance with applicable regulations.
- If dewatering is required for any future construction, testing should be performed to ensure that the groundwater would meet New York City Department of Environmental Protection (NYCDEP) sewer discharge requirements. If necessary, the water should be pretreated prior to discharge to the City's sewer system, as required by NYCDEP permit/approval requirements.

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1.0 INTRODUCTION

AKRF, Inc. (AKRF) was retained by the Queens Botanical Garden (QBG) to perform an Environmental Site Assessment of two development parcels located in the QBG campus in the Flushing section of Queens, New York (the "Property"). For the purposes of this assessment, the Property consisted of two non-contiguous undeveloped landscaped areas within the overall QBG campus in the proposed location of an open air pavilion (on the southwestern portion of the QBG campus) and a kids culture garden (on the south-central portion of the QBG campus); development plans have not been finalized to date. The legal definition of the Property is Tax Block 5107, part of Lot 200. Adjacent properties include additional green space within the QBG campus to the north, east, and south; residential development to the south; and College Point Boulevard to the west and northwest, followed by the Flushing Meadows Park Corona Soccer Field and additional parkland. The approximate Property locations are shown on Figures 1 and 2.

The scope of services for this assessment was in conformance with ASTM Standard E1527-13 (*Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Practice)*. Any exceptions to, or deletions from, this practice are described in Section 8.0. The scope included the following:

- Observations of the Property (reconnaissance) to identify potential sources or indications of hazardous substances, including: aboveground storage tanks (ASTs); underground storage tanks (USTs); tank vents and fill ports; transformers and other items that could contain polychlorinated biphenyls (PCBs), drums or areas where hazardous materials were used, stored, or disposed; stained surfaces and soils; stressed vegetation, leaks, odors. In addition, neighboring properties were viewed, but only from public rights-of-way, to identify similar concerns.
- Readily available geological and groundwater (hydrogeological) information was evaluated to assist in determining the potential for contamination migration (including in soil, soil vapor, and/or groundwater) within, from, and onto the Property.
- A state database of county-level radon concentrations was used to determine typical indoor radon levels and compare them to United States Environmental Protection Agency (USEPA) guidelines.
- Historical Sanborn fire insurance and aerial photographs for the Property and nearby properties were reviewed to evaluate historical land uses.
- The following federal regulatory databases were reviewed to determine the regulatory status of the Property and sites within the ASTM-specified radii: the National Priority List (NPL); Superfund Enterprise Management System (SEMS), including Superfund Enterprise Management System Archive (SEMS-ARCHIVE); Comprehensive Environmental Response, Compensation, and Liability Information System-No Further Remedial Action Planned (CERCLIS-NFRAP); Corrective Actions Report (CORRACTS); Resource Conservation and Recovery Information System (RCRIS); and Emergency Response Notification System (ERNS). Federal ASTM supplemental records reviewed included: Toxic Chemical Release Inventory System (TRIS); Superfund Consent Decrees (CONSENT) National Priority List Deletions (Delisted NPL); and United States Brownfields.
- The following state regulatory databases were reviewed to determine the regulatory status of the Property and other sites within predetermined radii: petroleum and hazardous material spills (SPILLS); Leaking Underground Storage Tanks (LTANKs); Chemical Bulk Storage (CBS); Solid Waste Facilities (SWF); Petroleum Bulk Storage (PBS); State Inactive Hazardous Waste Disposal Sites (SHWS); Hazardous Substance Waste Disposal Site Inventory (HSWDS); Major Oil Storage Facilities (MOSF); Environmental Restoration Program (ERP); Voluntary Cleanup Program (VCP); and New York Brownfield Cleanup Program (BCP).

- Local agency reviews including online Buildings and Finance Departments records, and Environmental Quality Review (CEQR) E Designation Sites were conducted for the Property only.

2.0 PHYSICAL SITE DESCRIPTION

2.1 General Site Conditions

For the purposes of this assessment, the Property consisted of two non-contiguous undeveloped landscaped areas within the overall QBG campus in the proposed location of an open air pavilion (on the southwestern portion of the QBG campus) and a kid's culture garden (on the south-central portion of the QBG campus). Based on recent photographs taken by project personnel in Spring 2020, it is our understanding that the Property currently comprises undeveloped landscaped land, with portions of gravel, concrete and brick-lined footpaths and mature trees in certain areas. The proposed open air pavilion area consisted mainly of grass covered areas, with concrete, brick and/or gravel lined footpaths along its eastern and southern portions and the College Point Boulevard pedestrian bridge and plaza to the south. The proposed kid's culture garden area consisted of grass-covered land with interspersed mature trees and a concrete-paved pedestrian path along its northern extent; a farm and garden area were located to the west of the parcel and additional landscaped areas were located east and immediately south of the area. No evidence of petroleum bulk storage tanks, hazardous waste generation, dumping, stressed vegetation, staining or other evidence of a material release was observed during the Spring 2020 inspection.

2.2 Topography and Hydrogeology

The surface topography was generally level. Based on reports compiled by the U.S. Geological Survey Flushing Quadrangle, the Property lies at an elevation of approximately 20 feet above the National Geodetic Vertical Datum of 1929 (an approximation of mean sea level). Groundwater most likely flows in a west-northwesterly direction toward the Flushing Creek, approximately 2,000 feet west of the Property. However, actual groundwater flow can be affected by many factors including current and past pumping of groundwater, past filling activities, underground utilities and other subsurface openings or obstructions such as basements, underground parking garages an subway lines, and other factors beyond the scope of this study.

A limited soil waste characterization study conducted by others (discussed in section 7.0) at the overall QBG campus noted that shallow subsurface material generally consisted of dark brown to dark brown-grey fine and medium sand with some silt, wood, and gravel. Groundwater was encountered at depths ranging from roughly 5 to 7 feet below grade surface (bgs) during the study. It was reported that petroleum-like odors and elevated photoionization detector (PID) readings were encountered in several borings, including some that were proximal to the Property.

2.3 Storage Tanks

2.3.1 Underground Storage Tanks (USTs)

The regulatory database information did not identify any USTs registered for the Property. No evidence of UST's (e.g., tank pads, dispenser equipment, etc.) was observed during the site reconnaissance.

Off-site USTs (including off-site portions of the QBG campus) are discussed in Section 5.2.2.

2.3.2 Aboveground Storage Tanks (ASTs)

The regulatory database information did not identify any ASTs registered for the Property. No evidence of AST's (e.g., tank vaults, piping, fuel fill ports, etc.) was observed during the site reconnaissance.

Off-site ASTs are discussed in Section 5.2.2.

2.4 Polychlorinated Biphenyls (PCBs)

Until 1979, polychlorinated biphenyls (PCBs), which provided beneficial insulating properties, were used in a variety of products, in particular electrical equipment such as transformers, capacitors, fluorescent light fixtures, and voltage regulators, but also in hydraulic fluids and some other products such as caulking.

Lighting fixtures the QBG campus and/or fill materials beneath the Property may contain PCB- or mercury-containing components.

2.5 Lead-Based Paint

Lead-based paint was generally not used inside residential buildings after 1977 nationwide. After 1977, its use inside commercial structures was also restricted and its use elsewhere became less common, but lead-based paint may still sometimes be used outdoors. Lead-based paint can present a hazard, particularly to children, especially when it is in poor condition.

Lighting fixtures and park benches within the QBG campus and/or fill materials beneath the Property may contain LBP.

2.6 Utilities

Consolidated Edison provides electricity and natural gas to the Property and the surrounding area. The Property is connected to the New York City municipal water and sewer systems.

2.7 Waste Management and Chemical Handling

No current refuse or waste generation was observed at the Property at the time of the site inspection.

2.8 Radon

Radon is a colorless, odorless gas most commonly produced by the radioactive decay of certain rocks. According to a New York State Department of Health database, the average level of radon found in ground floors in Queens County is 1.23 picocuries/liter, below the USEPA recommended action level of 4.0 picocuries/liter.

3.0 ASBESTOS-CONTAINING MATERIALS (ACM)

Asbestos refers to a group of natural minerals that provide good fire resistance and insulation. Asbestos is also commonly found in vinyl flooring, plaster, sheetrock, joint compound, ceiling tiles, roofing materials, gaskets, mastics, caulks and other products. Materials containing more than one percent asbestos are considered asbestos-containing materials (ACM). ACM are classified as either friable (i.e., more readily release fibers, such as most spray-applied fireproofing) or non-friable (such as floor tiles).

Regulatory requirements for ACM (or suspect ACM until proven not to be ACM) include maintenance requirements and, prior to any renovation or demolition, inspection/sampling by a NYS-certified asbestos inspector to determine if the project will disturb ACM. Any such ACM (and any other ACM subsequently

identified) must be removed prior to the renovation or demolition. Potential buried structures and/or fill material beneath the Property may contain ACM.

4.0 ADJACENT LAND USE

Adjacent properties include additional green space within the QBG campus to the north, east, and south garden areas followed by residential development to the south, College Point Boulevard to the west and northwest, followed by the Flushing Meadows Park Corona Soccer Field and additional parkland. The approximately 39-acre QBG campus is bounded by Main Street to the east; Elder Avenue, 133rd Street, and Booth Memorial Avenue to the south; College Point Boulevard to the west; and Blossom and Dahlia Avenues and Crommelin Street to the north.

5.0 PROPERTY HISTORY AND RECORDS REVIEW

5.1 Prior Ownership and Usage

5.1.1 Historical Land Use maps

Historical Sanborn fire insurance maps were reviewed for indications of industrial usage or other evidence suggesting the use or disposal of hazardous materials on or adjacent to the subject property. Sanborn Fire Insurance maps from 1903, 1917, 1934, 1951, 1980, 1985, 1995, and 2006 were available. Copies of portions of these maps are included as Appendix B. Summaries of each map are as follows.

1903

The Property consisted of undeveloped land and a portion of Mill Creek.

The surrounding properties consisted primarily of undeveloped land and Mill Creek.

1917

The Property remained similar to the 1903 map; several subdivided tax lots were noted in the area of the kids culture garden.

Sparse residential development was noted on blocks south of Hammel Avenue (current Elder Avenue) and in the greater surrounding area to the northwest beyond Lawrence Avenue (current College Point Boulevard).

1934

The Property remained undeveloped with a portion of Mill Creek and several unopened streets were noted throughout the area, including portions of the Property.

Several dwellings were noted in the area south of the proposed kids culture garden, north of Elder Avenue. Additional residential development was shown on blocks south of the Property and in the greater surrounding area to the northwest. A bus garage was shown in the greater surrounding area to the north of the QBG campus, beyond Crommelin Street and Dahlia Avenue. Additional unopened streets were noted in areas west of the Property, beyond Lawrence Avenue (current College Point Boulevard).

1951

The Property remained similar to the 1934 Sanborn map.

Additional residential structures were noted on blocks south of the Property, beyond Elder Avenue. The former bus garage to the north of the QBG campus was identified as a paper box factory. No further significant changes were noted in the surrounding area.

1980

The Property and surrounding areas to the north and east were labeled as "Kissena Corridor Park."

A one-story Queens Botanical Garden Administration Building was noted on the eastern extent of the park, approximately 800 feet northeast of the proposed kids culture garden area. The former paper box factory noted to the northeast in 1951 was redeveloped with a residential structure. No further significant changes were noted in the surrounding area.

1985

The Property and surrounding areas to the north and east were labeled "Queens Botanical Gardens." The unopened streets and Mill Creek (noted on previous maps) were no longer depicted.

A greenhouse and two unspecified public buildings were noted just north of the proposed kids culture garden. Several small outbuildings, a parking lot, and a greenhouse were located on the northeastern portion of the QBG campus near the Administration Building. The surrounding areas remained similar to the 1980 Sanborn map.

1995-2006

The Property and surrounding area were similar to the 1985 Sanborn map. A large parking lot was noted on the west-adjacent block, beyond College Point Boulevard in 2006.

Summary

The Sanborn maps indicated that the Property contained undeveloped land and a portion of Mill Creek in 1917 and was infilled and converted to parkland by the mid 1980's, by which time it became a portion of Kissena Park (and subsequently the QBG campus by 1985). The Property remained undeveloped within the QBG campus through the 2006 Sanborn map.

The surrounding neighborhood area comprised undeveloped land and Mill Creek in the immediate vicinity of the Property, which was also infilled for use as parkland. Residential development was noted in the greater surrounding area, with some limited automotive and commercial uses including a bus garage (with subsequent manufacturing use) located north of the QBG campus in 1934.

5.1.2 Historical Aerial Photographs

A review of historic aerial photographs from 1924, 1951, 1966, 1974, 1985, 1994, 2006, 2009, 2013, and 2017 was completed. Historical aerial photographs are provided in Appendix C.

The following table summarizes descriptions and interpretations from the aerial photograph reviews:

Year	Comments
1924	**Site:** The Property contained apparent marshland areas and portions of a creek. **Surrounding Properties:** The Property was surrounded by apparent marshland and a creek bed, with sparse apparent residential structures on blocks south of the Property and in the greater surrounding area to the northwest.
1951	**Site:** The Property appeared to be infilled and was shown as a vegetated undeveloped area. **Surrounding Properties:** Several small structures were shown to the south of the Property along Elder Avenue and denser apparent residential development was noted on blocks to the south and northeast of the Property. Additional filled land was shown in areas east and north of the Property within the current QBG campus. Parkland was shown on the west-adjacent block.
1966	**Site:** The Property comprised landscaped parkland with interspersed foot paths. **Surrounding Properties:** Additional parkland and footpaths were shown surrounding the Property to the north and east. An apparent outdoor flagpole area was shown immediately south of the proposed kids culture garden. The former structures north of Elder Avenue shown in 1951 had been razed. Apparent greenhouses, sheds and the former Administration Building were shown to the northeast of the Property with several garden areas in the vicinity.
1974, 1985	**Site:** The Property remained similar to the 1966 photograph. **Surrounding Properties:** Additional greenhouses were noted north of the proposed kids culture garden and additional gardens were noted on the northern and northeastern portions of the QBG campus
1994, 2006	**Site:** The Property remained similar to the 1985 photograph. **Surrounding Properties:** Additional structures were shown within the QBG campus including the current Administration Building on the northern portion in 2006, and a parking lot was noted on the northwestern portion of the campus in 2006.
2017	**Site:** The Property remained similar to the 2016 photograph. **Surrounding Properties:** The former Administration Building noted on the northeastern portion of the QBG campus in prior maps had been razed.

Aerial photographs indicated that the Property contained undeveloped land and a portion of a creek that was infilled by 1951. The Property was shown as apparent parkland with interspersed foot paths on the 1966 through 2017 photographs. These uses are consistent with the historical Sanborn maps summarized in section 5.1.1.

5.1.3 Property Tax Files and Zoning Records

Based on NYC Department of City Planning's Primary Land Use Tax Output (PLUTO) information, the Property is zoned PARK and the online Department of Finance Building Classification was listed as Q9-OUTDOOR RECREATION.

5.1.4 Recorded Land Title Records

A review of computerized New York City Automated City Register Information System (ACRIS) records, which included records of financial transactions involving the Property, identified no environmental liens for the Property.

5.1.5 Local Street Directories

Since historical Sanborn fire insurance maps and aerial photographs were available for the Property (and surrounding area) and these maps included information relating to land use, city directories, most likely, would not provide additional useful information relevant to the potential for recognized environmental conditions or other environmental concerns. As such, city directories were not reviewed.

5.2 Regulatory Review

EDR of Shelton, Connecticut, was contracted to obtain information regarding the regulatory status of the Property and the surrounding area. This information included records from databases maintained by the USEPA and New York State Department of Environmental Conservation (NYSDEC). The databases searched and associated radii were consistent with ASTM E1527-13.

5.2.1 Federal

Federal ASTM standard records reviewed included: the National Priority List (NPL); Superfund Enterprise Management System (SEMS), including Superfund Enterprise Management System Archive (SEMS-ARCHIVE); Comprehensive Environmental Response, Compensation, and Liability Information System-No Further Remedial Action Planned (CERCLIS-NFRAP); Corrective Actions Report (CORRACTS); Resource Conservation and Recovery Information System (RCRIS); and Emergency Response Notification System (ERNS).

Federal ASTM supplemental records reviewed included: Toxic Chemical Release Inventory System (TRIS); Superfund Consent Decrees (CONSENT); Records of Decision (ROD); National Priority List Deletions (Delisted NPL); and United States Brownfields.

National Priority List (NPL)

The NPL is the USEPA's database of some of the most serious uncontrolled or abandoned hazardous waste sites identified for probable remedial action under the Superfund Program. These sites may constitute an immediate threat to human health and the environment. Due to the amount of public attention focused on NPL sites, they pose a significant risk of stigmatizing surrounding properties and potentially impacting property values.

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

Superfund Enterprise Management System (SEMS), including Superfund Enterprise Management System Archive (SEMS-ARCHIVE)

The SEMS (formerly known as CERCLIS) list is a compilation of known and suspected uncontrolled or abandoned hazardous waste sites which are, or were, under investigation by USEPA but have not been elevated to the status of a Superfund (NPL) site. Former CERCLIS sites that have been granted the status of No Further Remedial Action Planned (NFRAP), currently known as Superfund Enterprise Management System Archive (SEMS-ARCHIVE) sites, are also included in this database.

The Property was not listed in the SEMS or SEMS-ARCHIVE database. No SEMS facilities were identified with a ½-mile radius of the Property.

Corrective Actions Report (CORRACTS)

The CORRACTS database identifies hazardous waste handlers with RCRA corrective action activity.

No CORRACTS facilities were identified within a one-mile radius of the Property.

Resource Conservation and Recovery Information System (RCRIS)

This database lists sites that have filed notification forms regarding hazardous waste activity, including: treatment, storage and disposal facilities (TSDs); conditionally exempt small quantity generators (CESQG), small quantity generators (SQG), very small quantity generators (VSQG), and large quantity generators (LQG); and transporters regulated under RCRA.

The Property was not listed on the RCRA Generator database. Ten RCRA Generators and several Manifest sites were listed within a ¼-mile radius of the Property.

Based on their distances, inferred groundwater flow locations or listing details (i.e., waste type and/or regulatory status), these listed RCRA facilities are not anticipated to have affected environmental conditions at the Property.

Emergency Response Notification System (ERNS)

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

No ERNS listings were identified for the Property

Toxic Chemical Release Inventory System (TRIS)

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

No TRIS sites were identified within a ⅛-mile radius of the Property.

Superfund Consent Decrees (CONSENT)

Superfund consent decrees are major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. These decrees are periodically released by the United States District Courts after settlement by parties to litigation matters.

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

Records of Decision (ROD)

ROD documents mandate permanent remedies at NPL sites, and contain technical and health information to aid in the cleanup.

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

National Priority List Deletions (Delisted NPL)

This database described former NPL sites that are removed from the NPL list by the US EPA. The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establish the criteria used by the EPA to delist sites where no further federal response is needed.

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

US Brownfields

The US Brownfields program is for properties that report cleanups to the EPA and are served by Brownfields grant programs.

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

5.2.2 State

The state records reviewed included the listings of hazardous material spills (SPILLS); Leaking Underground Storage Tanks (LTANKs); Chemical Bulk Storage (CBS); Solid Waste Facilities (SWF); Petroleum Bulk Storage (PBS); State Inactive Hazardous Waste Disposal Sites (SHWS); Hazardous Substance Waste Disposal Site Inventory (HSWDS); Major Oil Storage Facilities (MOSF); Environmental Restoration Program (ERP); Voluntary Cleanup Program (VCP); and New York Brownfield Cleanup Program (BCP). Supplemental records included Registered Dry Cleaners/EDR Historic Cleaners, New York City E-Designation Site Listings, EDR Historic Auto Sites and Manufactured Gas Plant (MGP) Sites (Coal Gas) sites.

New York State Spills Information Database (NY Spills)/Leaking Underground Storage Tanks (LTANKs)

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

A total of 9 Spills and 46 LTANKS were identified within a ½-mile radius of the Property.

Of these, the following spill incidents have some limited potential to have affected area soil and/or groundwater quality, due to proximity and/or the nature and quantity of material released:

- Spill No. 0109707 was reported in June 2001 for the new Administration Building in the QBG campus, located approximately 800 feet northeast of the Property, for petroleum-contaminated soil and groundwater encountered during excavation activities. The spill file notes indicated that a 3,000-gallon UST and a 550-gallon UST had been historically closed-in-place at this location; however limited closure documents were made available to the DEC. An initial supplemental soil and groundwater investigation in 2011 encountered several feet of petroleum product on the water table in a monitor well located within a sidewalk area to the north of the Administration Building. The report file notes indicated that additional soil and groundwater sampling were deemed necessary to fully delineate the contamination. Following an additional supplemental off-site investigation, it was determined by NYSDEC that the localized contamination was attributable to an off-site source (a former bus company garage) on the north-adjacent block and the spill was closed in January 2012.
- Spill No. 1111895 was reported in January 2012 for the off-site remediation of Spill No. 0109707 (discussed above) in the area of a former bus garage historically located to the north of the QBG campus, north of Dahlia Avenue and Crommelin Street. According to the file notes, delineation sampling was conducted between 2012 and 2014 in accessible sidewalk areas at the former bus garage, with several rounds of sampling and product gauging at existing monitor wells located on the QBG campus in the vicinity of the Administration Building. The listing indicated that several rounds of additional sampling and product recovery events were conducted between 2012 and 2018; the results of these activities confirmed that the petroleum contamination

observed on the water table was related to former gasoline fueling activities at the former bus garage. The NYSDEC reported that groundwater samples collected during 2014 to 2017 demonstrated that gasoline related contaminant concentrations were either stable or decreasing. It was also noted that free-phase floating product had not been present in the monitoring wells for several quarters. NYSDEC determined that any residual contamination would not be a threat to the public or the environment and the spill was closed in January 2018.

Based on the listing details, including nature of the release, distance and/or inferred groundwater flow direction, the remaining listed spills are not likely to have affected the Property subsurface. Details from all reported spills are included in Appendix D.

Chemical Bulk Storage (CBS) Database

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

Two CBS facilities were listed within a ⅛-mile radius of the Property. Given their distance from the Property and inferred groundwater flow directions, releases from these facilities are not anticipated to have affected the Property subsurface.

Solid Waste Facilities (SWF)

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

No SWF facilities were listed within a one-half mile radius of the Property.

Petroleum Bulk Storage (PBS) Database

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

The Property address (in an off-site location near the new Administration Building on the northern portion of the overall campus) was listed as a PBS facility. Twenty-eight additional PBS sites were identified within a ⅛-mile radius of the Property. Details of the QBG listings are listed in Table 1.

Table 1
Area Petroleum Bulk Storage Facility Data

Location	Capacity (gallons)	Product Stored	Status	Installation Date/Closure Date	Approximate Distance/Direction from Site
Queens Botanical Garden 43-50 Main Street Queens, NY	1 x 3,000 UST 1 x 550 UST	No. 2 Fuel Oil	Closed-In-Place	Not Listed/ 2001	QBG campus (off-site)

Note: UST - underground storage tank

The QBG was listed on the NY Spills database (as noted previously). Based on listing details, distance and/or the anticipated groundwater flow direction, releases from the

remaining listed facilities are unlikely to have affected the Property subsurface. Details of the remaining PBS facilities are included in Appendix D.

State Inactive Hazardous Waste Disposal Site Registry (SHWS)

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

Two SHWS sites were reported within a one-mile radius of the Property. Given their distance from the Property (over 2,000 feet) and inferred hydraulic relationship to the Property, these facilities are not anticipated to have affected the Property subsurface.

State Hazardous Substance Waste Disposal Site Study (SHSWDS)

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

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

Major Oil Storage Facilities (MOSF) Database

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

No Major Oil Storage Facilities were reported within a ⅛-mile radius of the Property.

Environmental Restoration Program

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

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

State Voluntary Cleanup Program

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

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

Brownfield Cleanup Program

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

Two BCP sites were identified within a ½-mile radius of the Property. Given their distance, inferred groundwater flow direction and regulatory status, these BCP sites are not anticipated to have affected the Property subsurface.

Registered Dry Cleaners/EDR Historic Cleaners

The registered dry cleaners database was researched to identify listings within one-quarter mile of the Site. As a supplement to the registered dry cleaners database, EDR's proprietary listing of potential drycleaner sites (listings based on the opinion of EDR) was also reviewed.

No Registered Dry Cleaners or EDR Historic Cleaners were listed within a ½-mile radius of the Property.

New York City E-Designation Site Listing

A New York City "E" designation for a property requires that the fee owner of the site conduct a testing and sampling protocol, and remediation where appropriate, to the satisfaction of the NYC Office of Environmental Remediation (OER) before the issuance of a building permit by the NYC Department of Buildings pursuant to the provisions of Section 11-15 of the Zoning Resolution (Environmental Requirements).

The Property was not listed with an E-designation according to the database information.

EDR Historic Auto Sites

The EDR US Historic Auto Station database was researched to identify listings for the Property and within a ⅛-mile radius of the Property. This database lists properties that might include gas/filling station establishments based on EDR's search of select national business directories.

Two EDR historic auto stations were identified within a ⅛-mile radius. Given their distance from the Property and/or inferred hydraulic relationship, these facilities are not anticipated to represent an environmental concern.

Manufactured Gas Plant (MGP) Sites (Coal Gas)

The EDR manufactured gas plant (MGP) database was researched to identify listings for the Property and potential facilities within a one-mile radius of the Property.

No MGP facilities were listed within a one-mile radius of the Property

5.2.3 Local Agency File Review

Electronic NYCDOB records for the Property were reviewed to determine whether there were any references to buildings, tanks or other structures, property usage or inspection reports that may have indicated the presence, past use, or release of hazardous substances, wastes or petroleum products within the Property. The NYCDOB Building Information Systems electronic data did not include any site-specific information for the proposed open air pavilion or kids culture garden areas. Miscellaneous permits were filed for buildings within the greater QBG campus, including: a permit filed in 2000 for the conversion of a fuel oil-fired boiler to a gas-fired boiler at 4350 Main Street, new building permits in the 1960's through mid-1970's, a new parking lot permit in 2004, and various work permits for repairs and mechanical upgrades at QBG buildings.

5.2.4 Additional Environmental Record Sources

To enhance the search, ASTM requires that additional local records be reviewed (i.e., beyond those included as part of the standard database search or checked online) when, in judgment of the environmental professional, such records for the Property or any adjoining property would be reasonably ascertainable; and useful, accurate and complete in light of the objective of the records review. These records include:

- Local brownfields lists
- Local lists of landfill/solid waste disposal sites
- Local lists of hazardous waste/contaminated Sites

- Local lists of registered tanks
- Local land records (for activity use limitations)
- Records of emergency release reports
- Records of contaminated public wells

Sources for these records include:

- Fire Department
- Local/Regional Water Quality Agency
- Local Electric Utility (for PCB records)

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

6.0 USER-PROVIDED INFORMATION

In preparing this Phase I ESA, AKRF requested that the client provide any pertinent information regarding the Property, specifically:

- The reason for performing the Phase I ESA;
- Whether they were aware of any pertinent current or historic activities at or near the Property, including but not limited to: hazardous substances or petroleum, waste management practices, filling or disposal drains, septic/sewer systems, and potable and non-potable wells;
- Owner and occupant information and whether they were aware of any previous Phase I ESAs or other potentially pertinent reports, plans or information;
- Whether any *environmental liens* or *activity and land use limitations* are in place or filed or recorded against the Property or whether there was pending, threatened, ongoing or past violations, litigation or enforcement action relevant to hazardous substances or petroleum products;
- Whether they had any specialized knowledge or experience related to the Property or nearby properties (e.g., specialized knowledge of the chemicals used by this type of business);
- Whether the purchase price reflected that the Property is or could be contaminated; and
- Whether they were aware of commonly known or reasonably ascertainable information about environmental conditions of the Property including current/past uses of the Property and adjacent properties.

The Phase I ESA was conducted as part of due diligence prior to proposed improvements including new construction for an open air pavilion, composting toilets, and an approximately 0.5-acre kids culture garden, within the existing QBG campus. To the extent that pertinent additional information was provided, it has been summarized elsewhere in this report.

7.0 PREVIOUS STUDIES

The following previous environmental report was reviewed as part of this Phase I ESA. The report is provided in Appendix F.

Waste Characterization Report, Queens Botanical Garden, 43-50 Main Street Flushing, New York Langan Engineering & Environmental Services, P.C, September 2011

Langan Engineering & Environmental Services, P.C. (Langan) performed a limited soil boring investigation (for soil disposal characterization testing) at various locations throughout the QBG campus concurrently with a geotechnical investigation. Borings were reportedly advanced to approximately 8 feet below grade. Shallow subsurface material generally consisted of sand with some silt, wood, and gravel. Groundwater was encountered at depths ranging from roughly 5 to 7 feet below ground surface (bgs). Petroleum-like odors and/or elevated photoionization detector (PID) readings were encountered in several borings, including two that were proximal to the proposed kid's culture garden and open air pavilion areas.

Soil laboratory analyses detected certain metals at concentrations above the New York Part 375 Unrestricted Use and Restricted Residential Soil Cleanup Objectives (SCOs) in several locations. Langan stated that soil slated for reuse during future redevelopment activities would need to be capped with a minimum of two feet of clean material (i.e., soil, topsoil) or and impervious surface cover (i.e., asphalt, concrete, etc.), and that petroleum impacted soil could not be reused. It was recommended that soil disturbance should be performed in accordance with a soil management plan or specification and a Construction Health and Safety Plan (CHASP).

8.0 LIMITATIONS AND DATA GAPS

This assessment met the requirements of the American Society for Testing and Materials (ASTM) as established by ASTM Standard E1527-13 at the time it was performed, with the following limitations:

- Due to restrictions related to the COVID-19 pandemic, the site was not specifically accessed for a site reconnaissance; photographs of the Property were taken by project personnel in Spring 2020.
- Interviews and user provided information were limited to those discussed in Section 6.0. To the extent that interviews were not conducted with the list of interviewees cited in the ASTM Standard (past and present owners, operators, and occupants of the Property and local government officials), AKRF does not believe that this represents a significant data gap likely to result in additional or significantly changed recognized environmental conditions or conclusions.
- The Property area history was not conducted in five-year intervals. However, sufficient information about the history of the site and surrounding area could be obtained from the available historical Sanborn fire insurance maps and topographic maps, Buildings Department records, and interviews, and this data gap is not likely to alter the conclusions of this report.
- Agency file reviews for the Property and adjacent properties consisted of a review of standard databases and electronic records maintained by pertinent departments and agencies (summarized in Section 5.2). AKRF believes that this file review was sufficient in determining the potential for recognized environmental conditions or other environmental concerns at the Property and additional reviews beyond this are not warranted and would not likely change the conclusions of this assessment.

AKRF does not believe that this represents a significant data gap likely to result in additional or significantly changed recognized environmental conditions or conclusions.

9.0 FINDINGS

Recognized Environmental Conditions (RECs)

- During a 2011 geotechnical investigation conducted by others at the QBG campus including several areas proximal to the proposed project, some visual and/or olfactory evidence of limited petroleum contamination was observed in the geotechnical borings completed in several areas throughout the campus including in two borings located near (i.e. within roughly 150 feet) the proposed project areas.

Other non-REC environmental concerns, business Environmental Risks (including items outside the scope of ASTM E1527-13 such as asbestos containing material [ACM], lead-based paint [LBP], and/or polychlorinated biphenyls [PCBs] in building materials or fill/debris)

- Historical land use maps and aerial photographs indicated that the Property and surrounding area formerly comprised marshland and a portion of Mill Creek and underwent infilling in the early 1900's through the 1950's to create the current parkland and green space. Historic fill materials beneath the Property may contain polychlorinated biphenyls (PCBs), lead-based paint (LBP), petroleum and/or asbestos-containing materials (ACM). Given the Property history as former marshland, there is a potential for elevated levels of methane in the subsurface.
- The regulatory database identified facilities in the greater surrounding area with limited potential to have affected the Property subsurface. This included two closed status petroleum spills in the vicinity of the current Administration Building on the northern portion of the QBG campus (approximately 800 feet away from the Property), which was associated with former automotive uses to the north of the campus.

10.0 RECOMMENDATIONS

Based on the conclusions of this Phase I assessment, AKRF recommends the following:

Recommendations

- AKRF understands that the proposed project will require limited subsurface disturbance associated with the proposed open air pavilion and kids culture garden uses. Prior to any significant subsurface disturbance of on-site soil that would be required for the project, a limited subsurface (Phase II) investigation (i.e., soil testing for disposal purposes) should be conducted in areas of potential excavation to ensure that soil management is conducted in accordance with applicable regulations. If future redevelopment plans include occupied/enclosed structures, a more comprehensive Phase II Investigation may be warranted prior to redevelopment.
- Any disturbed soil from the proposed project slated for reuse should be properly characterized in accordance with applicable state and federal regulatory requirements prior to placement at the Property or elsewhere within the QBG. Although not anticipated, if during proposed renovation/redevelopment activities disturbed soil requires off-site disposal, it should be managed in accordance with applicable regulatory requirements. Soil and any other materials intended for off-site disposal should be tested in accordance with the requirements of the intended receiving facility. Transportation of material leaving the Property for off-site disposal should be in accordance with federal, state and local requirements covering licensing of haulers and trucks, placarding, truck routes, manifesting, etc. If contaminated soil or unforeseen underground storage tanks (USTs) are discovered during soil excavation activities, they should be removed and disposed of in accordance with applicable regulatory requirements, including

those relating to tank registration and spill reporting, if necessary. Any evidence of a petroleum spill should be reported to NYSDEC and addressed in accordance with applicable requirements.

- Any ACM, LBP and/or PCB-containing fill materials, if encountered during disturbance (though not anticipated), should be characterized and disposed of in accordance with applicable regulations.
- If dewatering is required for any future construction, testing should be performed to ensure that the groundwater would meet New York City Department of Environmental Protection (NYCDEP) sewer discharge requirements. If necessary, the water should be pretreated prior to discharge to the City's sewer system, as required by NYCDEP permit/approval requirements.

11.0 SIGNATURE PAGE

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

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

Axel Schwendt
Vice President

Neoma Chefalo
Senior Environmental Scientist

12.0 QUALIFICATIONS

The purpose of this assessment was to convey a professional opinion about the potential presence or absence of contamination, or possible sources of contamination on the property, and to identify existing and/or potential environmental problems associated with the property including *Recognized Environmental Conditions* as defined in ASTM Standard E1527-13, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Practice.*

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

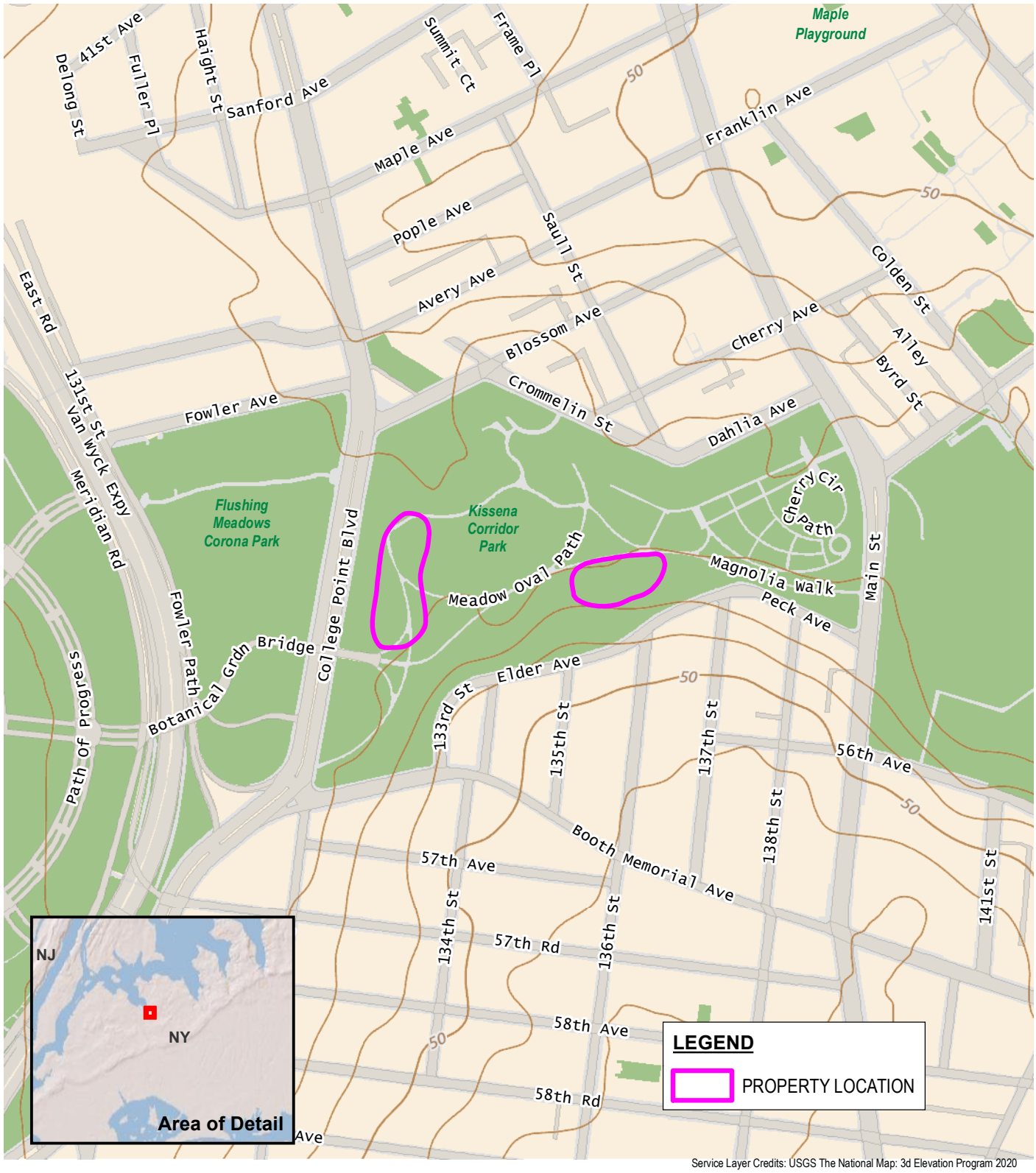
This Phase I Assessment is not, and should not be construed as, a guarantee, warranty, or certification of the presence or absence of hazardous substances, which can be made only with testing, and contains no formal plans or recommendations to rectify or remediate the presence of any hazardous substances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

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

13.0 REFERENCES

1. Environmental Data Resources, Inc., Regulatory Radius Map Search, June 2020.
2. Sanborn Insurance Maps dated 1903, 1917, 1934, 1951, 1985, 1995, and 2006.
3. Aerial photographs dated 1924, 1951, 1966, 1974, 1985, 1994, 2006, and 2017.
4. U.S. Geological Survey, *Flushing, N.Y. Quadrangle*, 7.5 minute Series (Topographic), Scale 1:24,000; 2010.
5. New York State Department of Health: Office of Public Health - Environmental Radiation Section, First Floor Radon Screening Data, October 2019
6. *Waste Characterization Report, Queens Botanical Garden 43-50 Main Street Flushing, New York* Langan Engineering & Environmental Services, P.C, September 2011
7. New York City Department of Buildings, Building Information Search Online (http://a810-bisweb.nyc.gov/bisweb).

FIGURES



©2020 AKRF W:\Projects\200183 - QUEENS BOTANICAL GARDEN\Technical\GIS and Graphics\SAR\200183 Fig 1 property loc map.mxd 7/2/2020 3:07:34 PM jszalus

AKRF
440 Park Avenue South, New York, NY 10016

Queens Botanical Garden
Queens, New York

PROPERTY LOCATION

DATE
7/2/2020

PROJECT NO.
200183

FIGURE
1

LEGEND

- PROPERTY BOUNDARY
- LOT BOUNDARY
- BUILDING

0 300 600

SCALE IN FEET

Map Source:
NYCDCP (NYC Dept. of City Planning) GIS database

AKRF
440 Park Avenue South, New York, NY 10016

Queens Botanical Garden
Queens, New York

PROPERTY DETAIL

DATE
7/10/2020

PROJECT NO.
200183

FIGURE
2

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APPENDIX A

PHOTOGRAPHIC DOCUMENTATION

Photograph 1: Southern portion of the proposed Outdoor Pavilion area facing north.

Photograph 2: Northern portion of the proposed Outdoor Pavilion area facing south.

Photograph 3: Northwestern portion of the proposed Outdoor Pavilion area facing east.

Photograph 4: View from the central portion of the proposed Kid's culture garden facing west.

Photograph 5: View from the eastern portion of the proposed Kid's culture garden facing east.

Photograph 6: View from the western portion of the proposed Kid's culture garden facing east-southeast.

APPENDIX B

HISTORIC SANBORN MAPS

QBG

Main St

Flushing, NY 11355

Inquiry Number: 6102101.3

June 29, 2020

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

06/29/20

Site Name:

QBG
Main St
Flushing, NY 11355
EDR Inquiry # 6102101.3

Client Name:

AKRF, Inc.
440 Park Avenue, South 7th Floor
New York, NY 10016
Contact: Neoma Chefalo

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by AKRF, Inc. were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

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Certified Sanborn Results:

Certification # B7A8-4557-A9B9

PO # 200183

Project 200183

Maps Provided:

2006	1994	1951
2005	1993	1934
2004	1992	1917
2003	1991	1903
2002	1988	
2001	1985	
1999	1982	
1995	1980	

Sanborn® Library search results

Certification #: B7A8-4557-A9B9

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

The Sanborn Library LLC Since 1866™

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Sanborn Sheet Key

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2006 Source Sheets

Volume 11, Sheet 17
2006

Volume 11, Sheet 18
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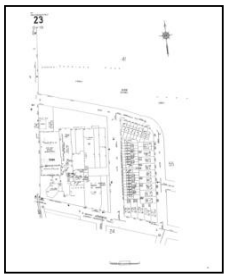

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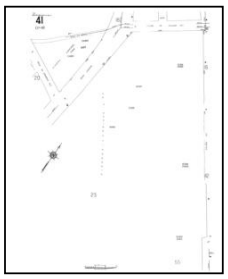

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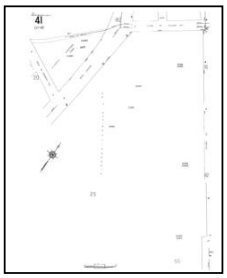

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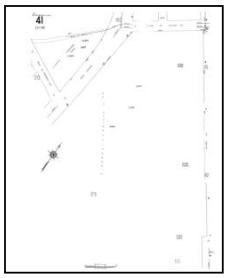

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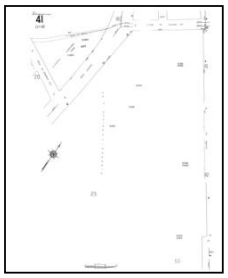
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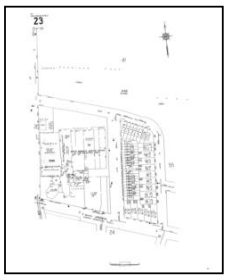
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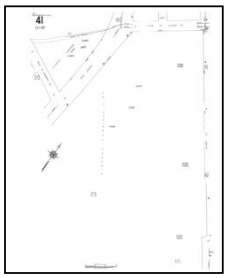
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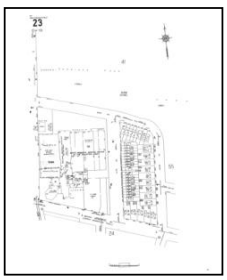
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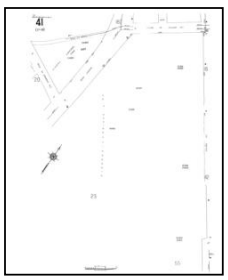
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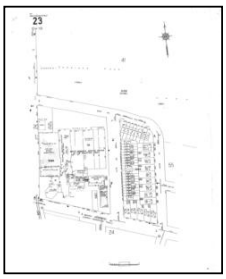

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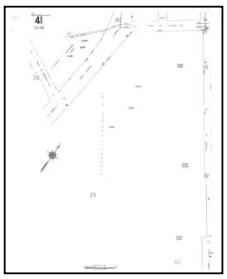

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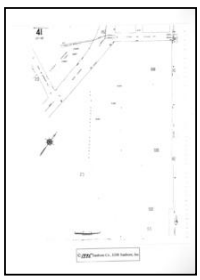

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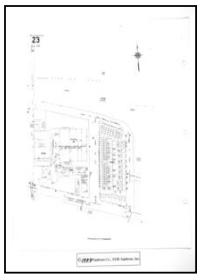
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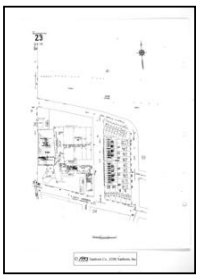
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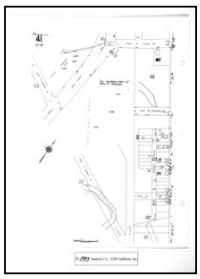
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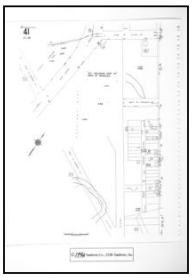
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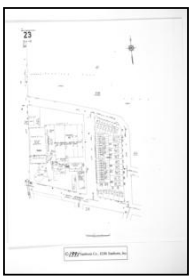
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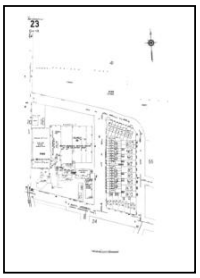
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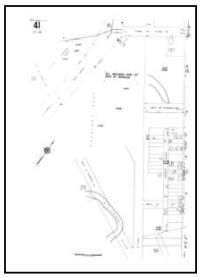
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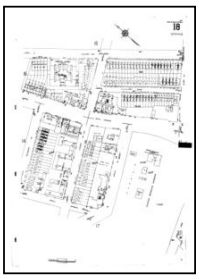
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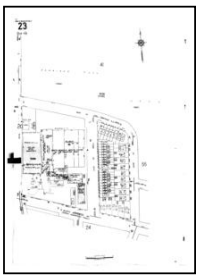
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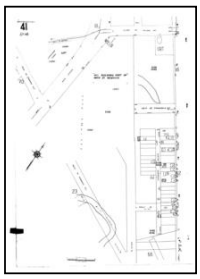
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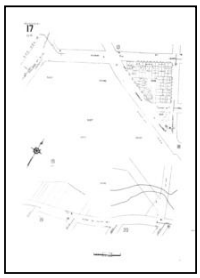
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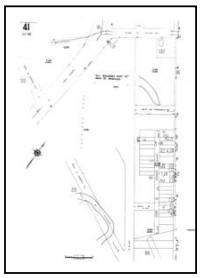
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1980 Source Sheets

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1980

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Sanborn Sheet Key

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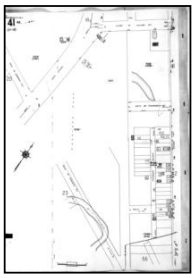
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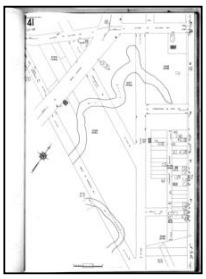
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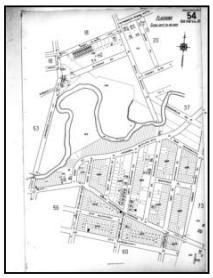
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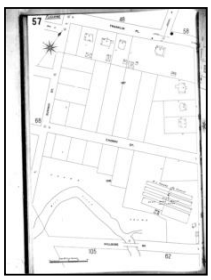
1903 Source Sheets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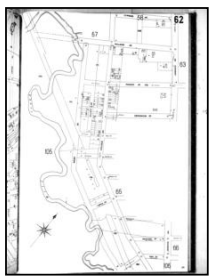
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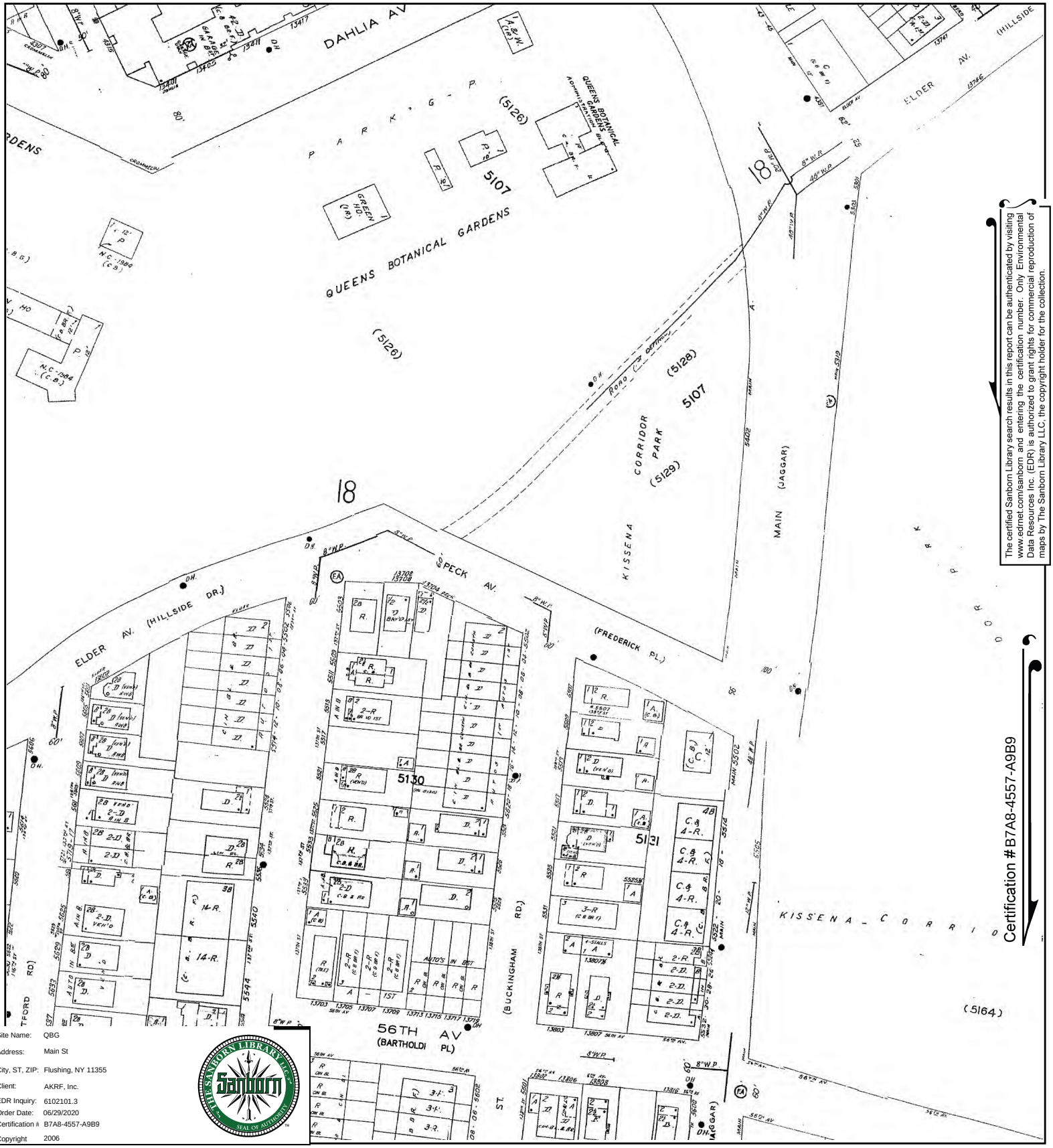

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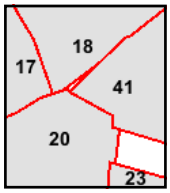

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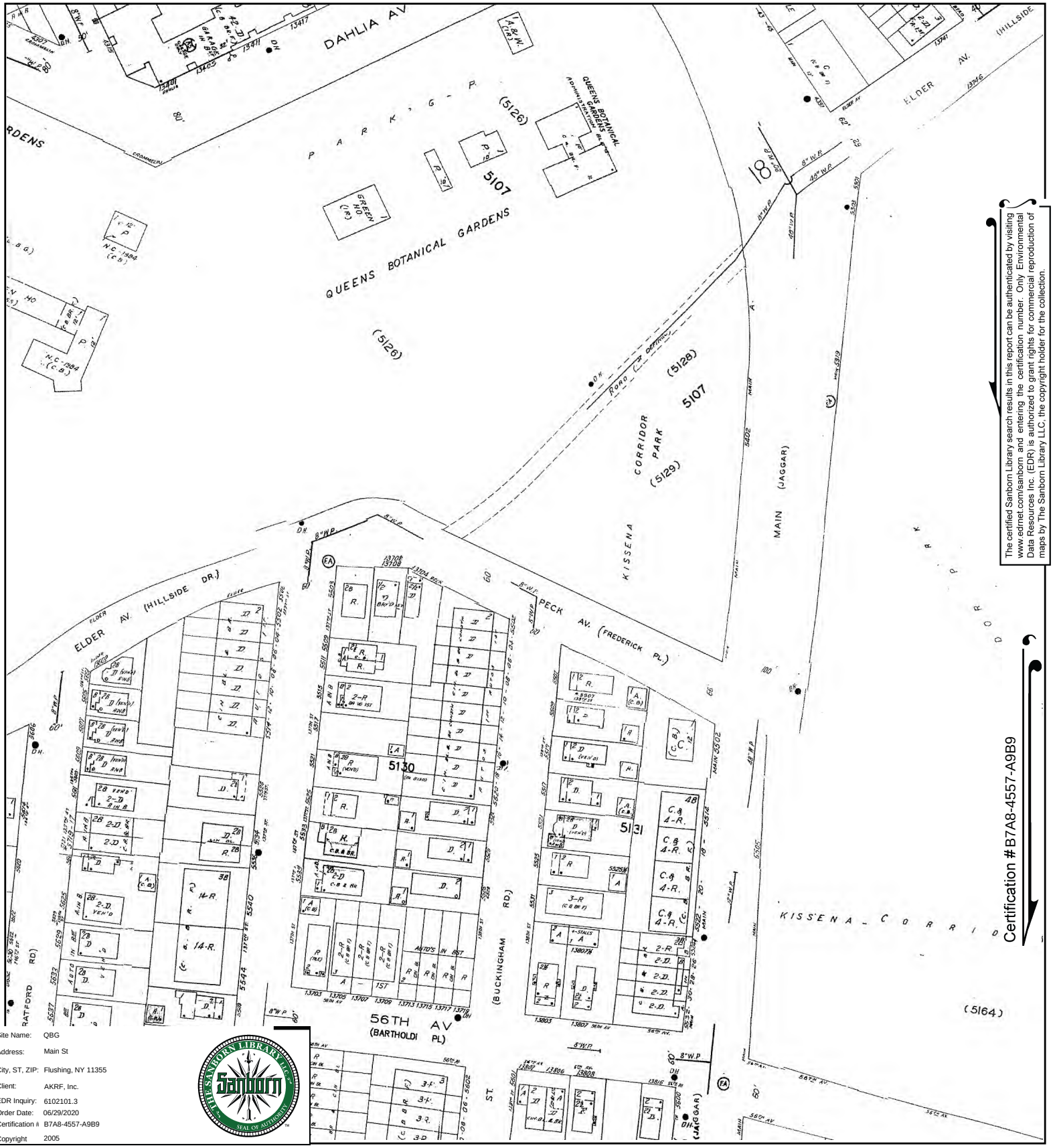

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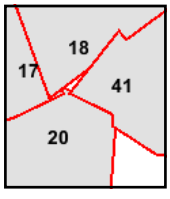

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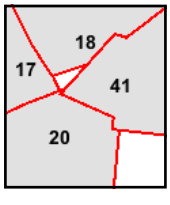

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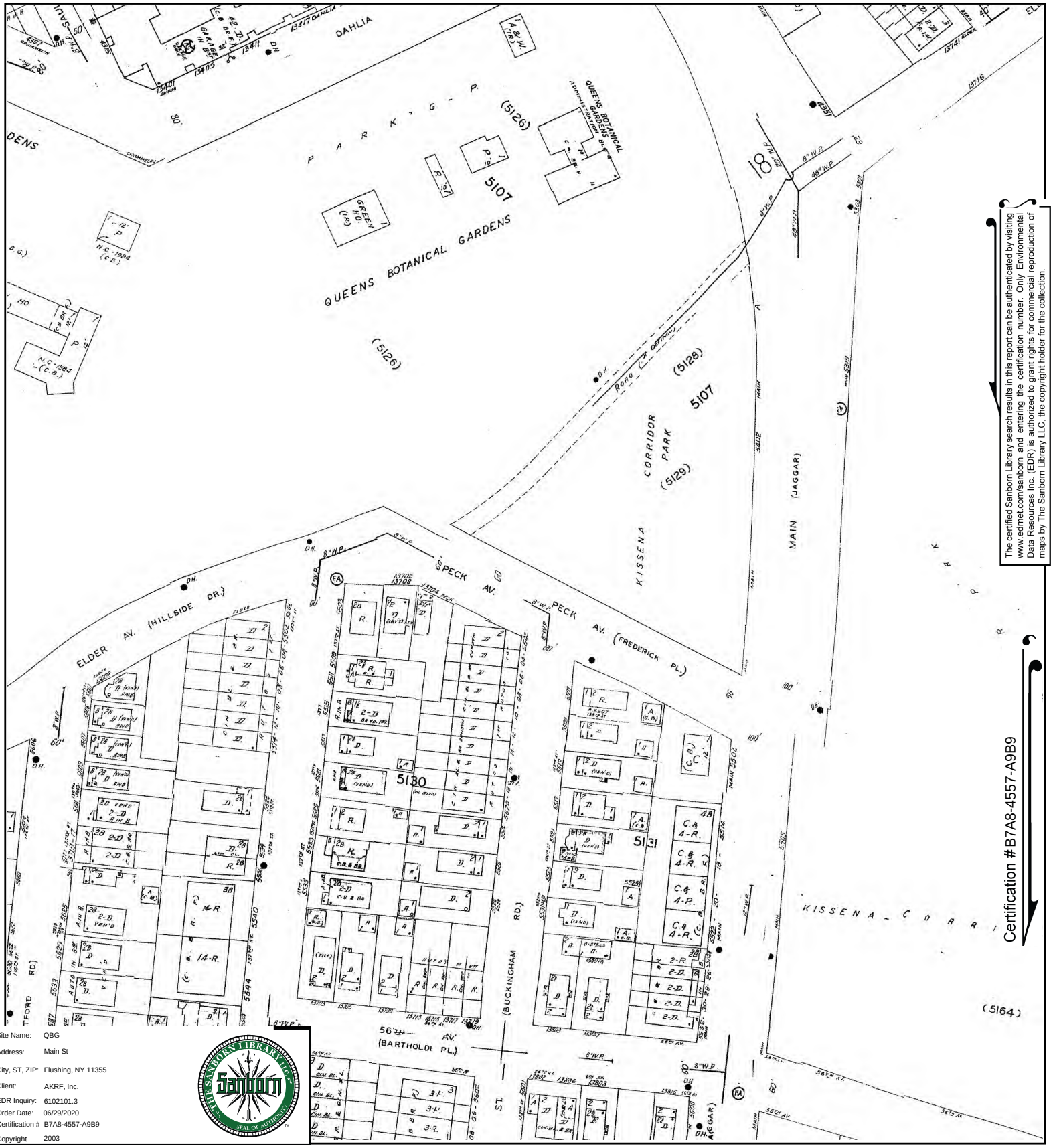

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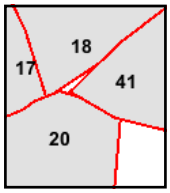

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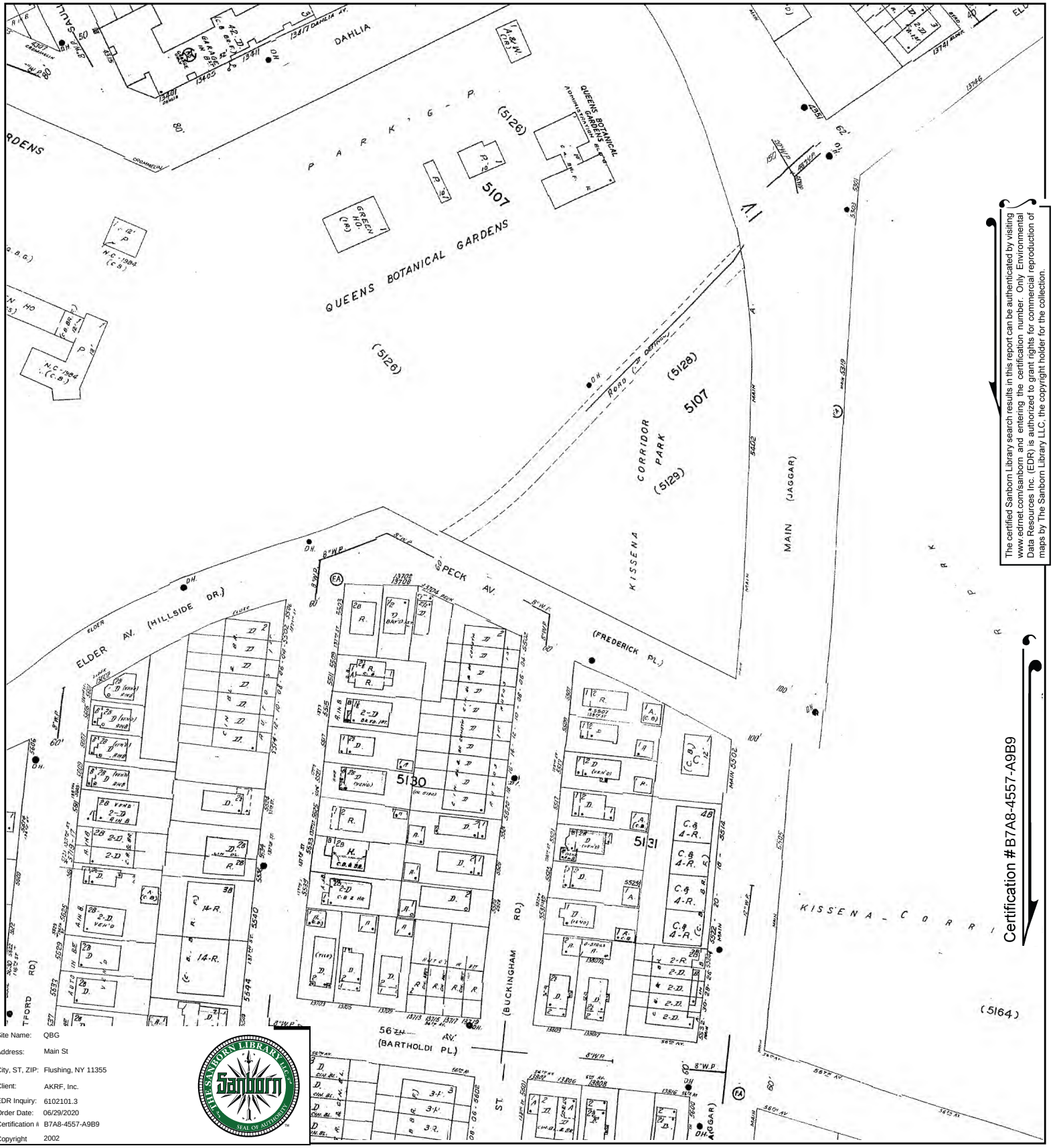

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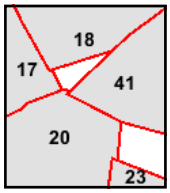

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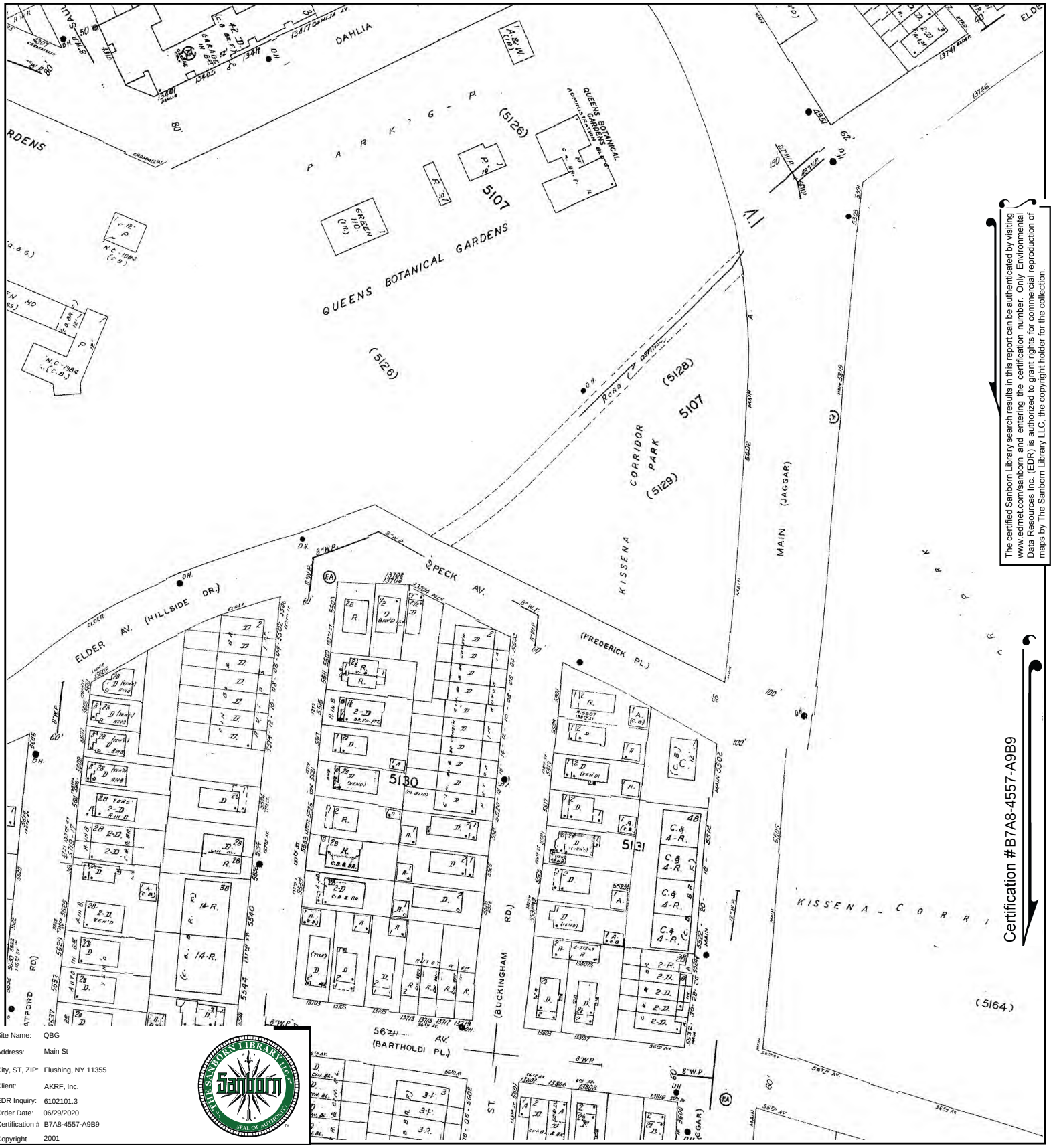

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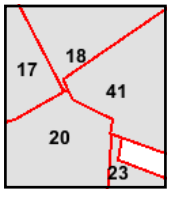

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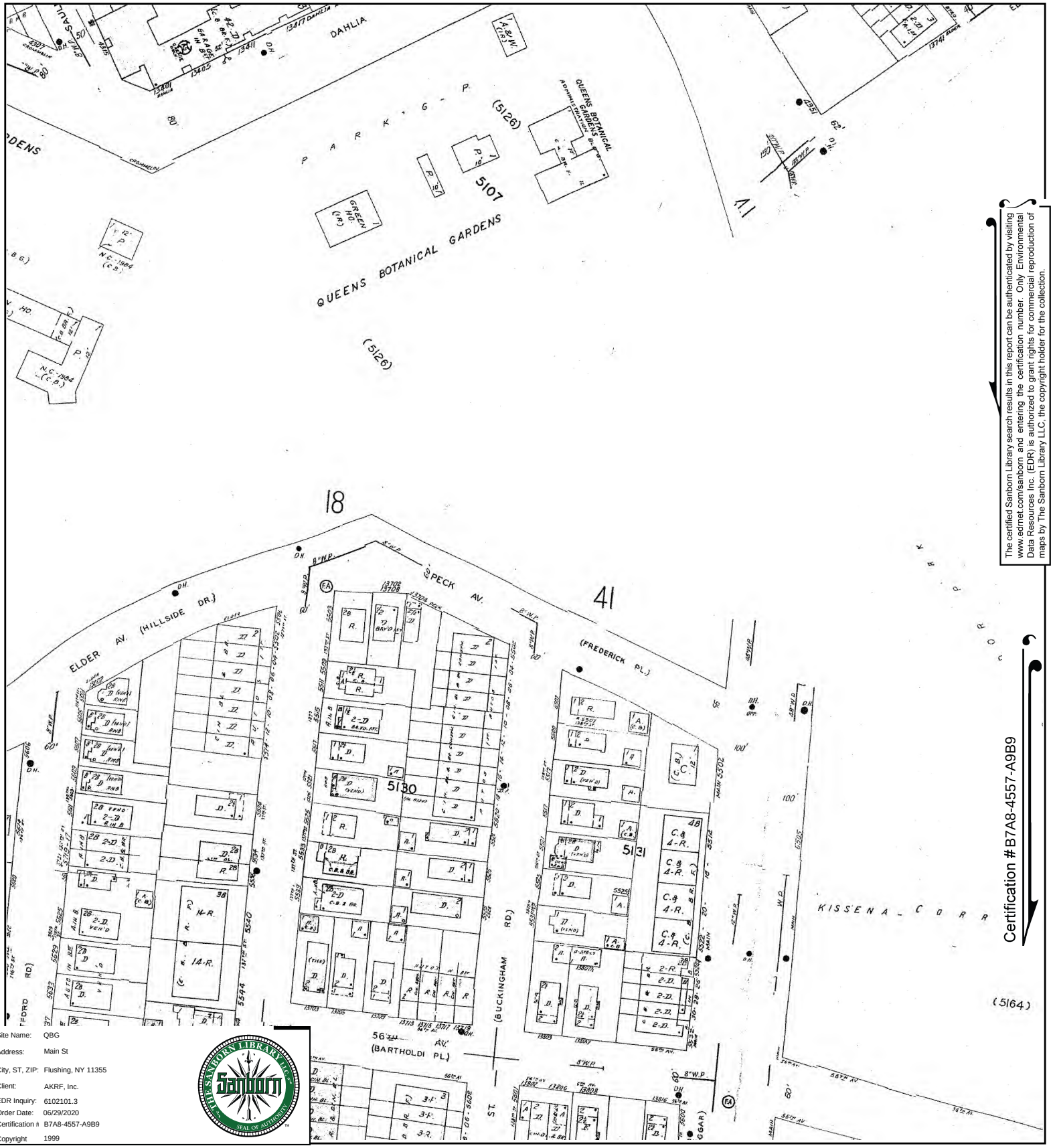

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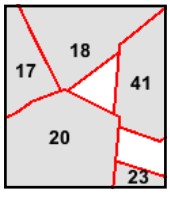

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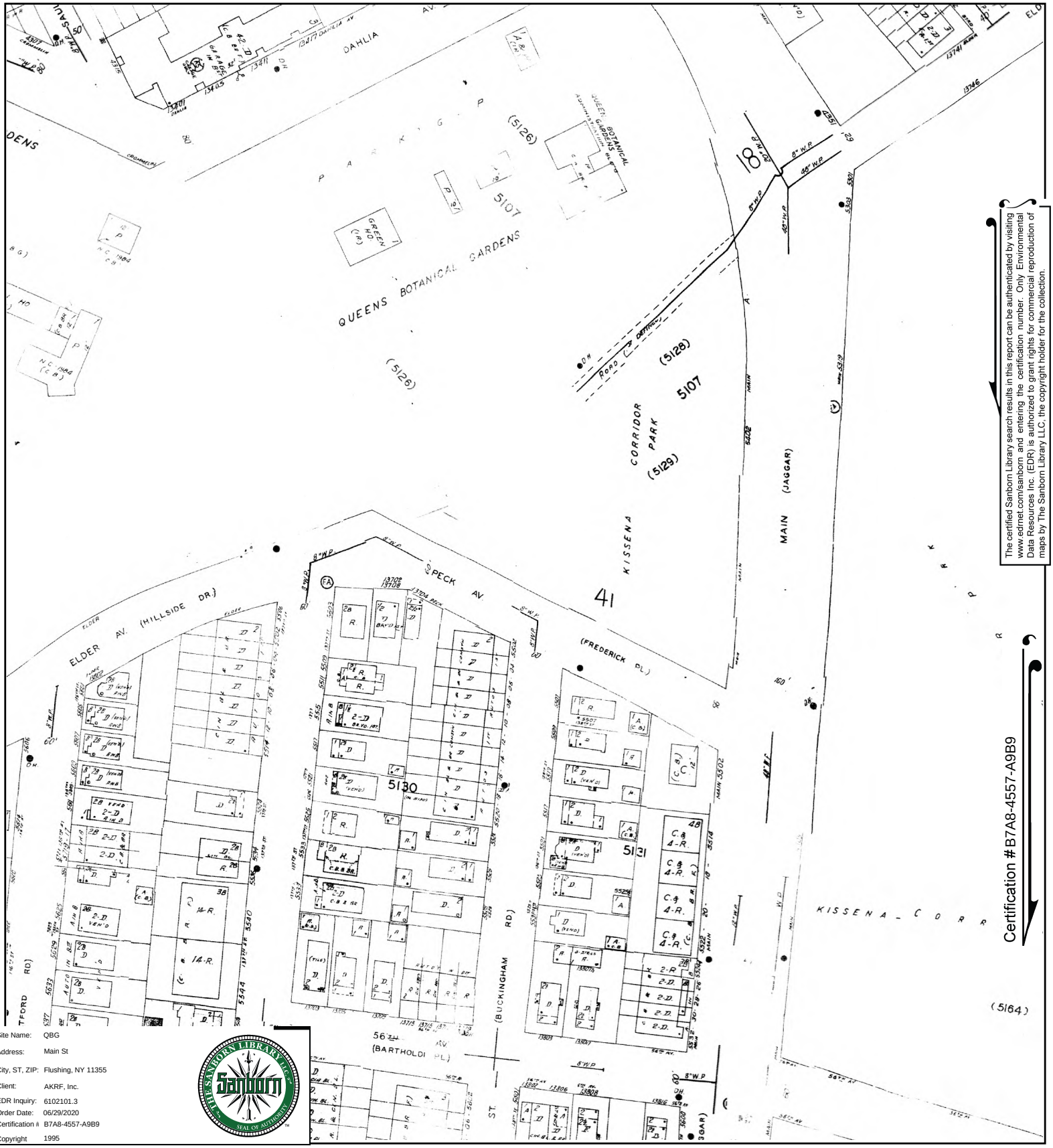

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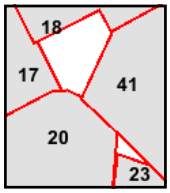

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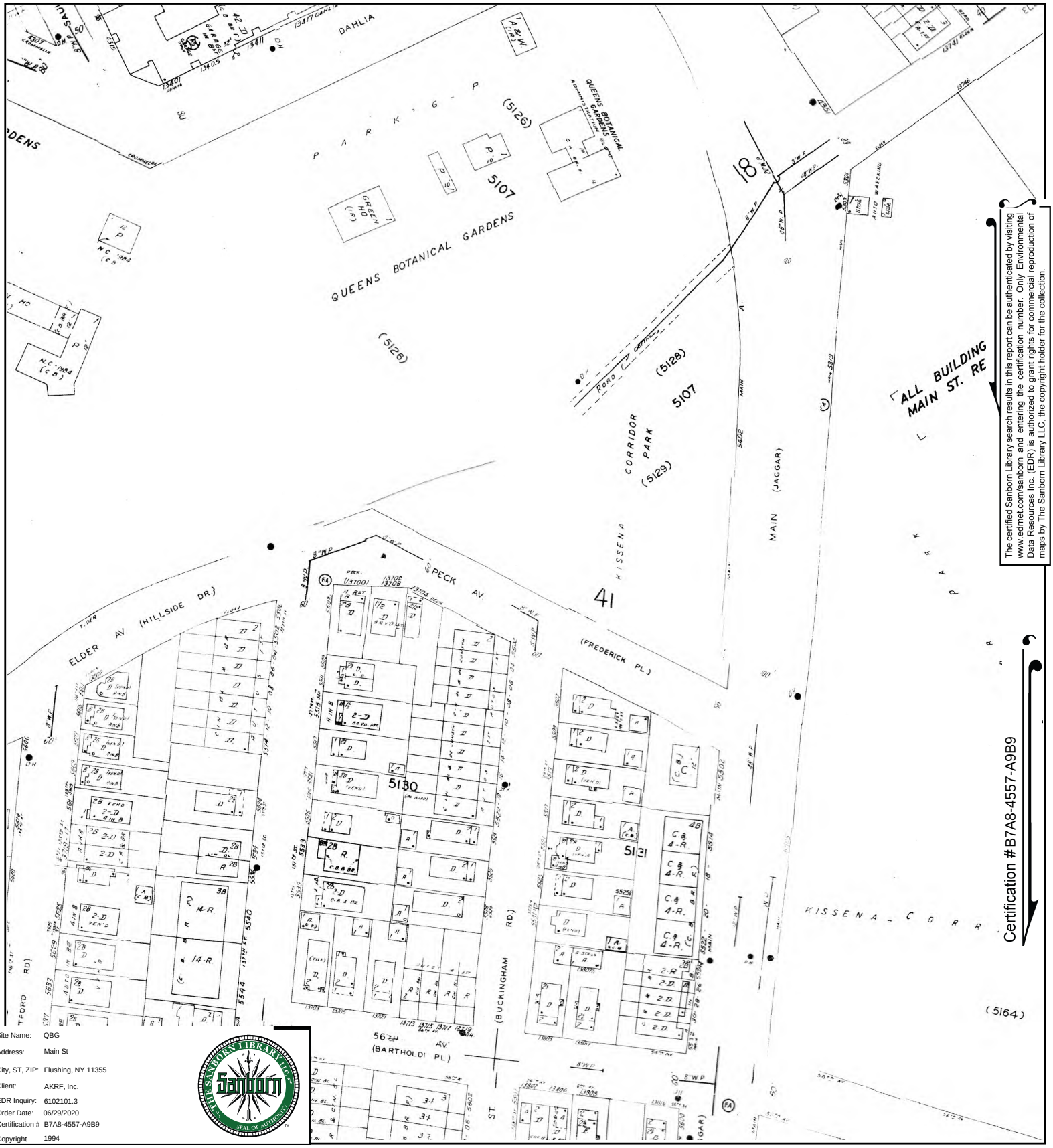

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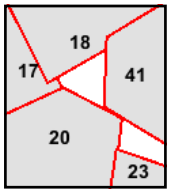

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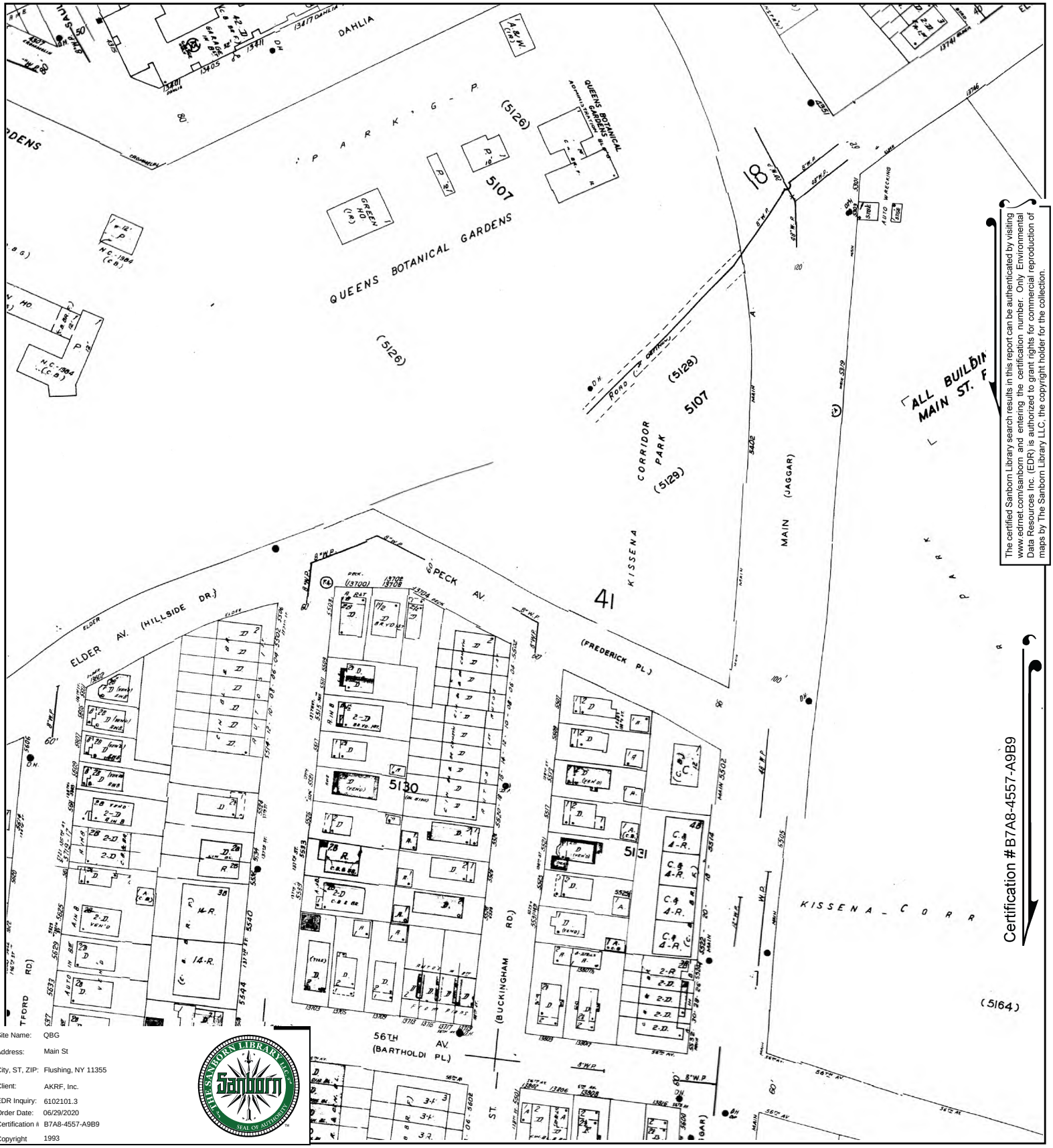

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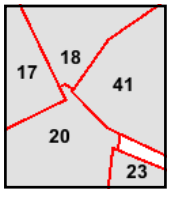

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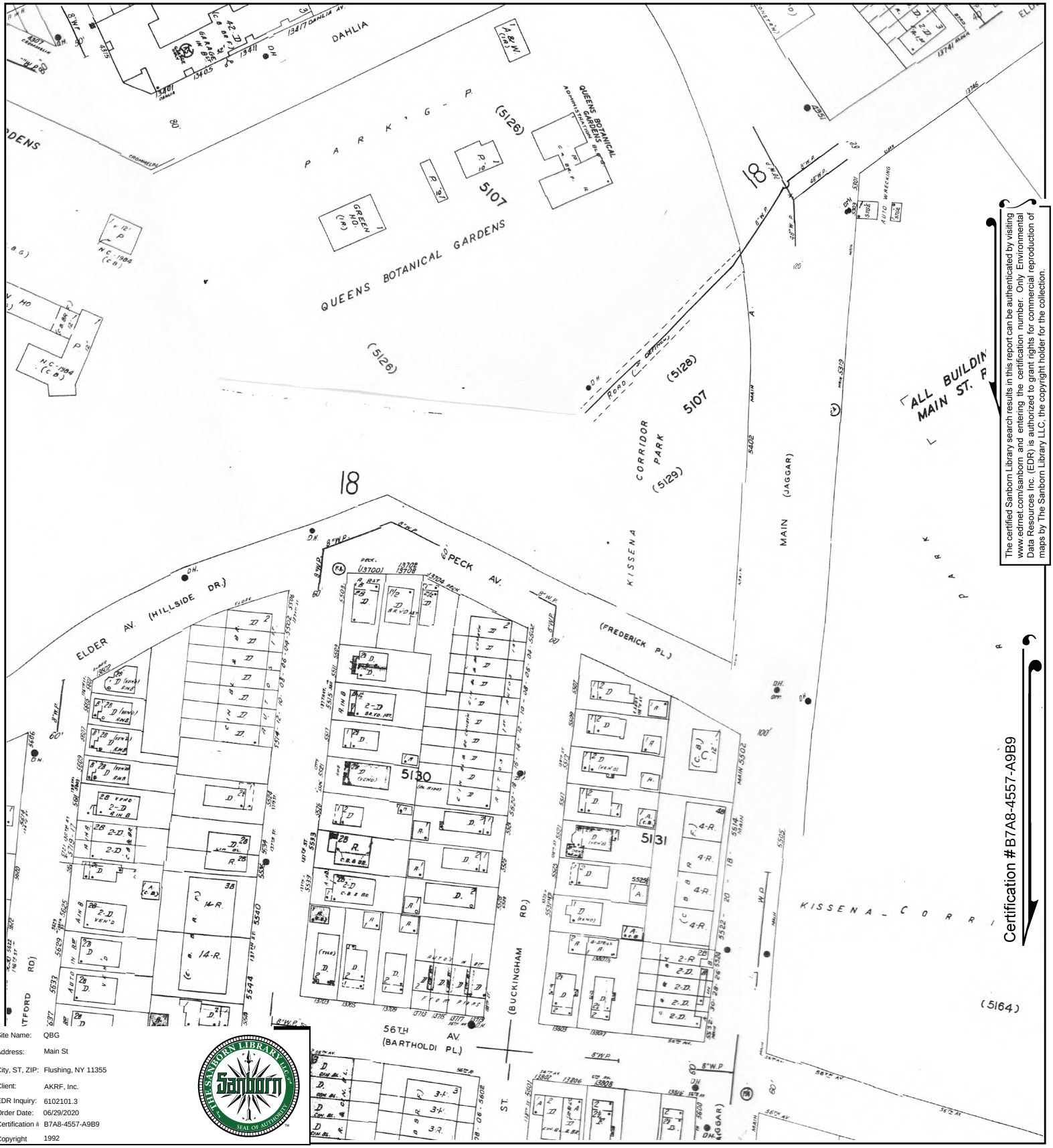

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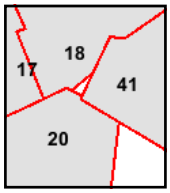

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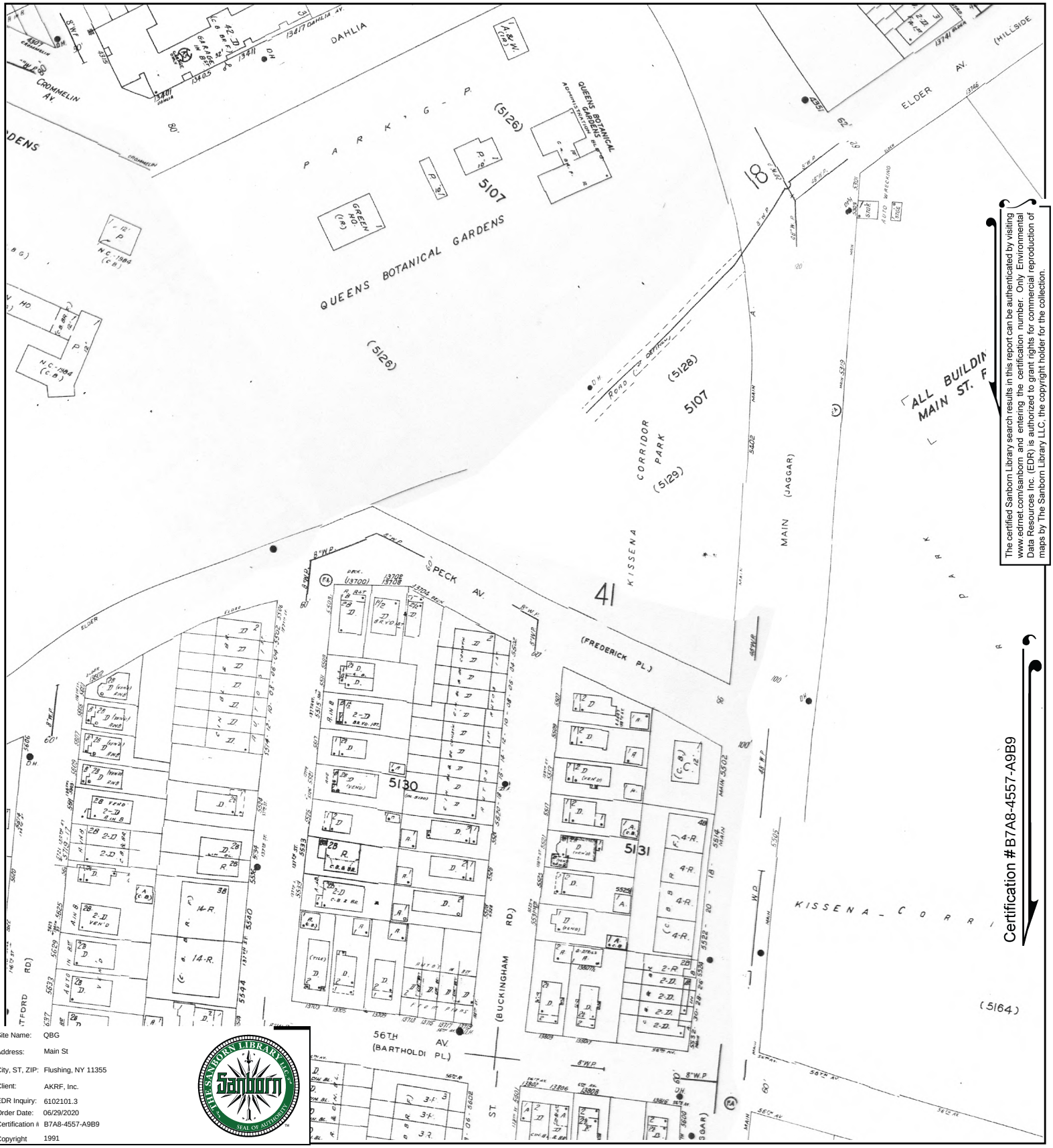

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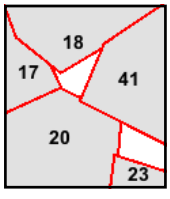

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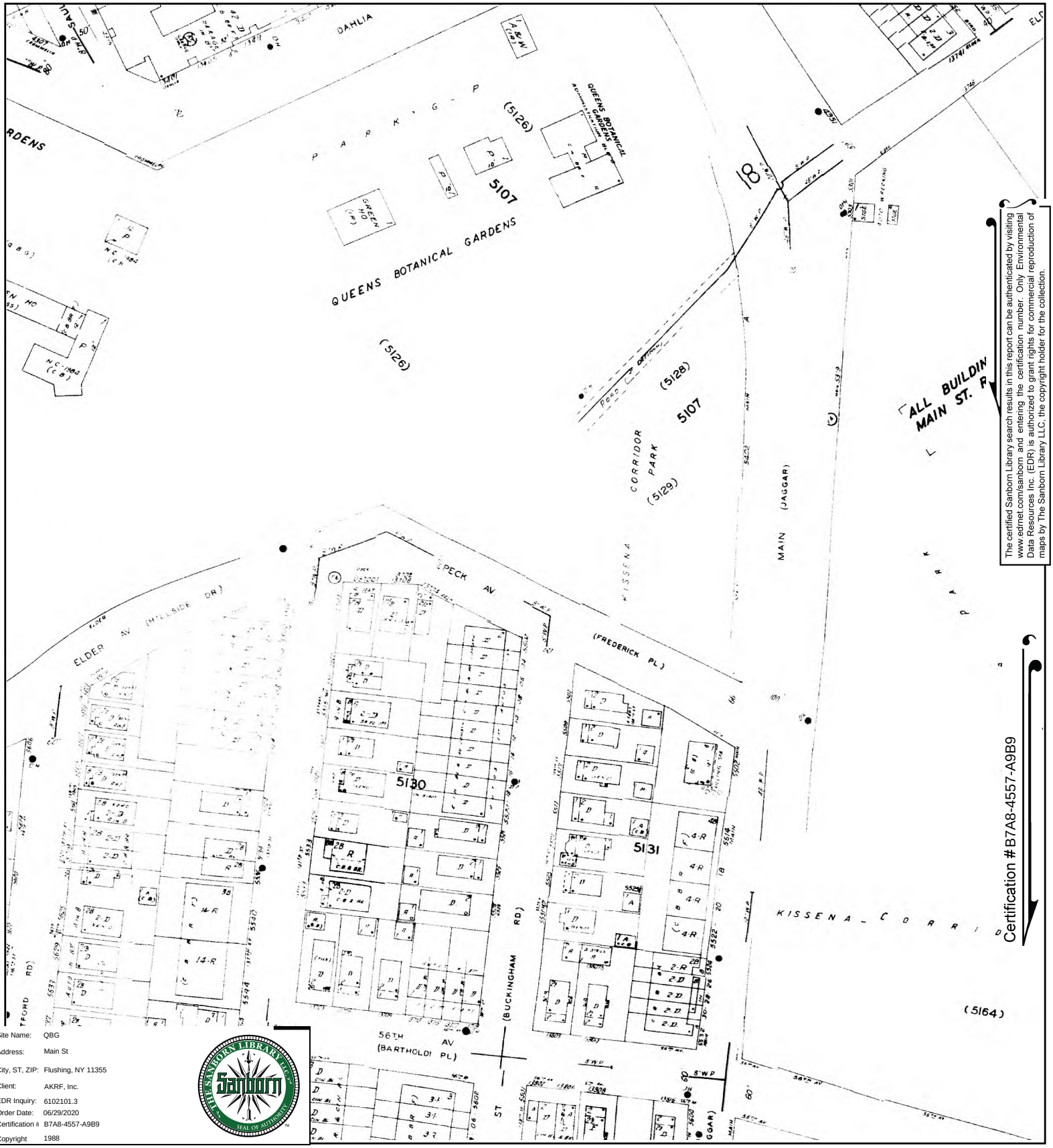

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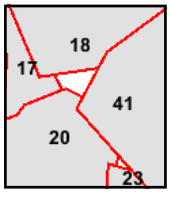

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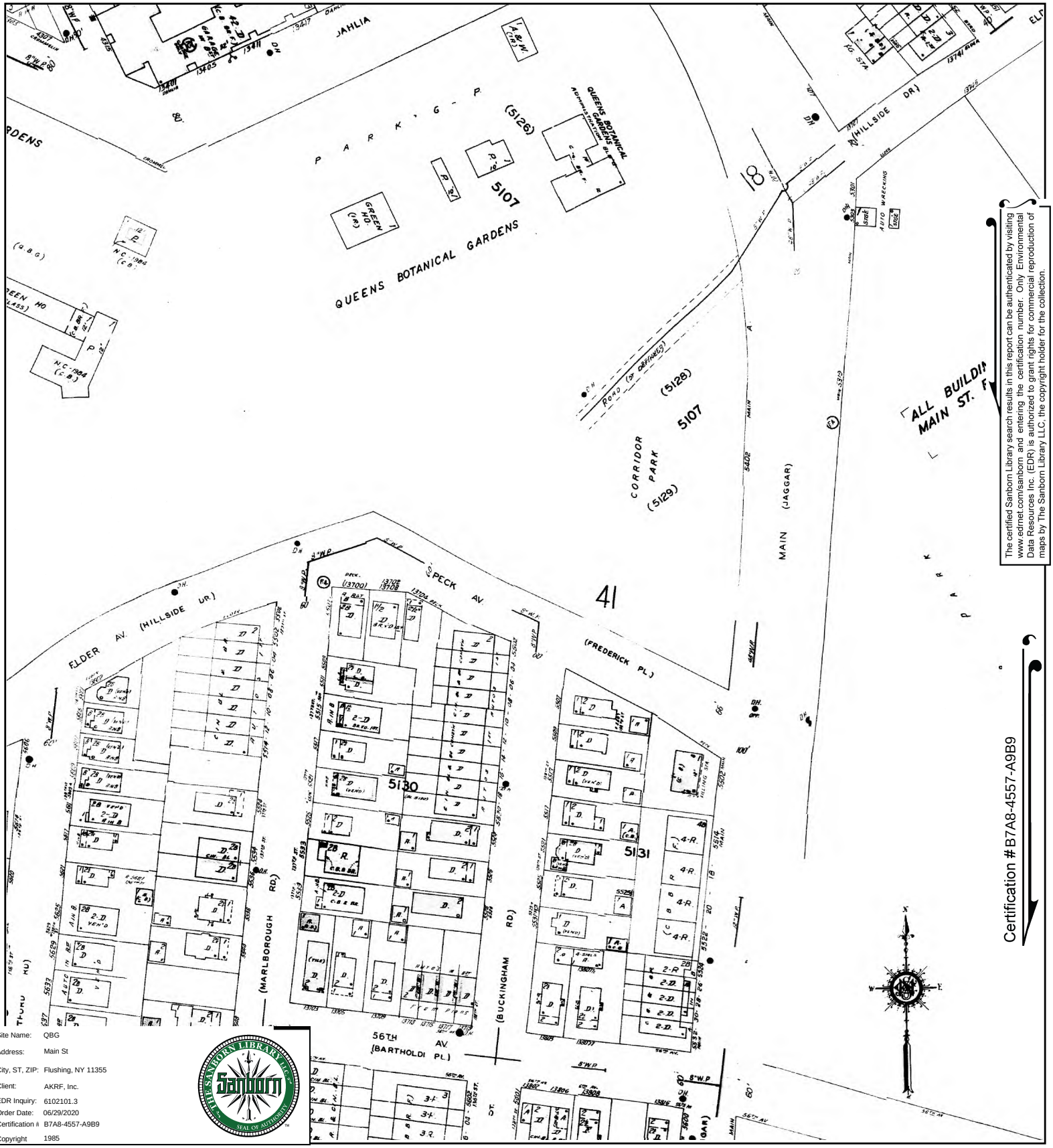

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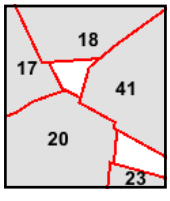

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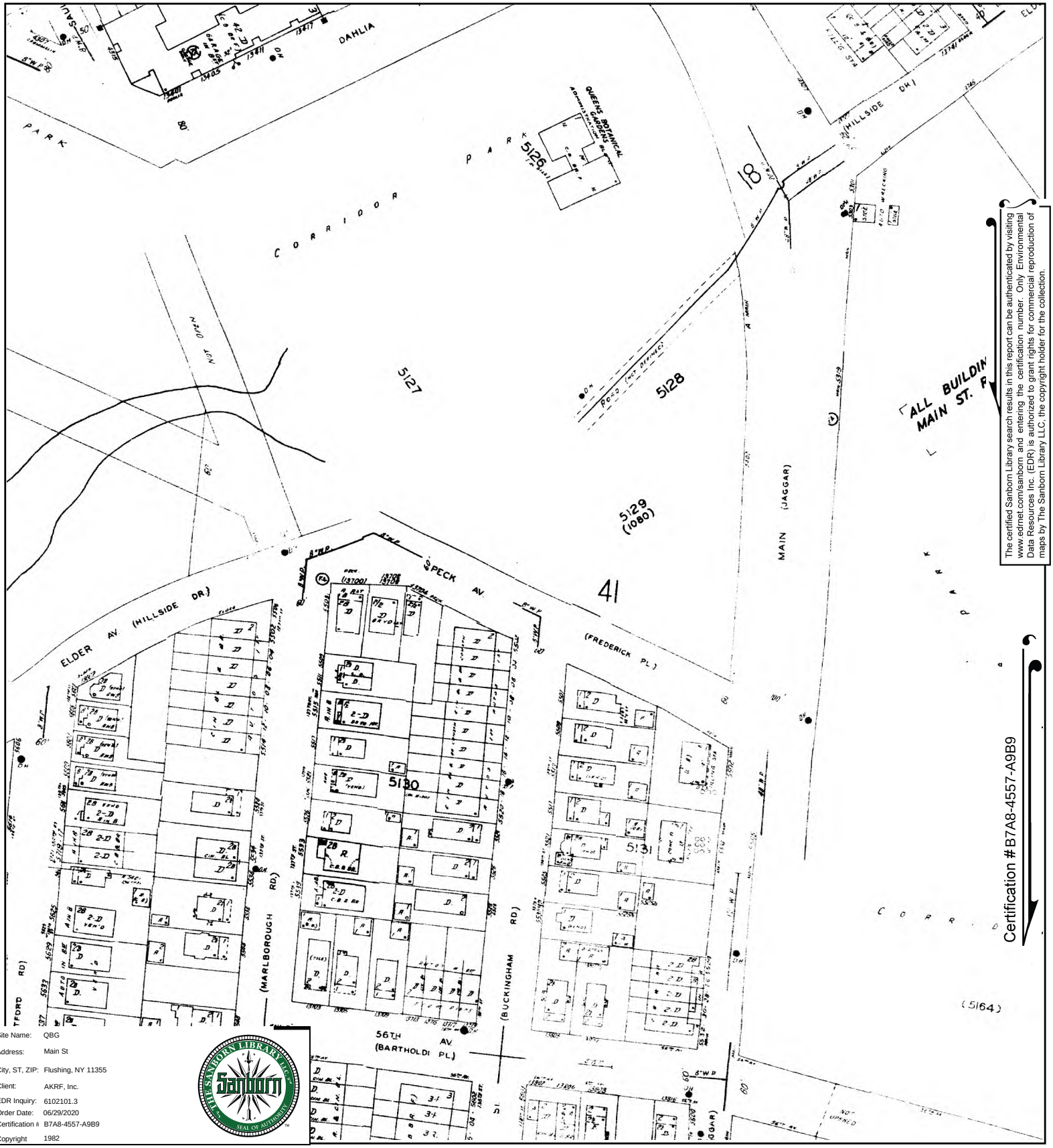

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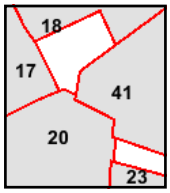

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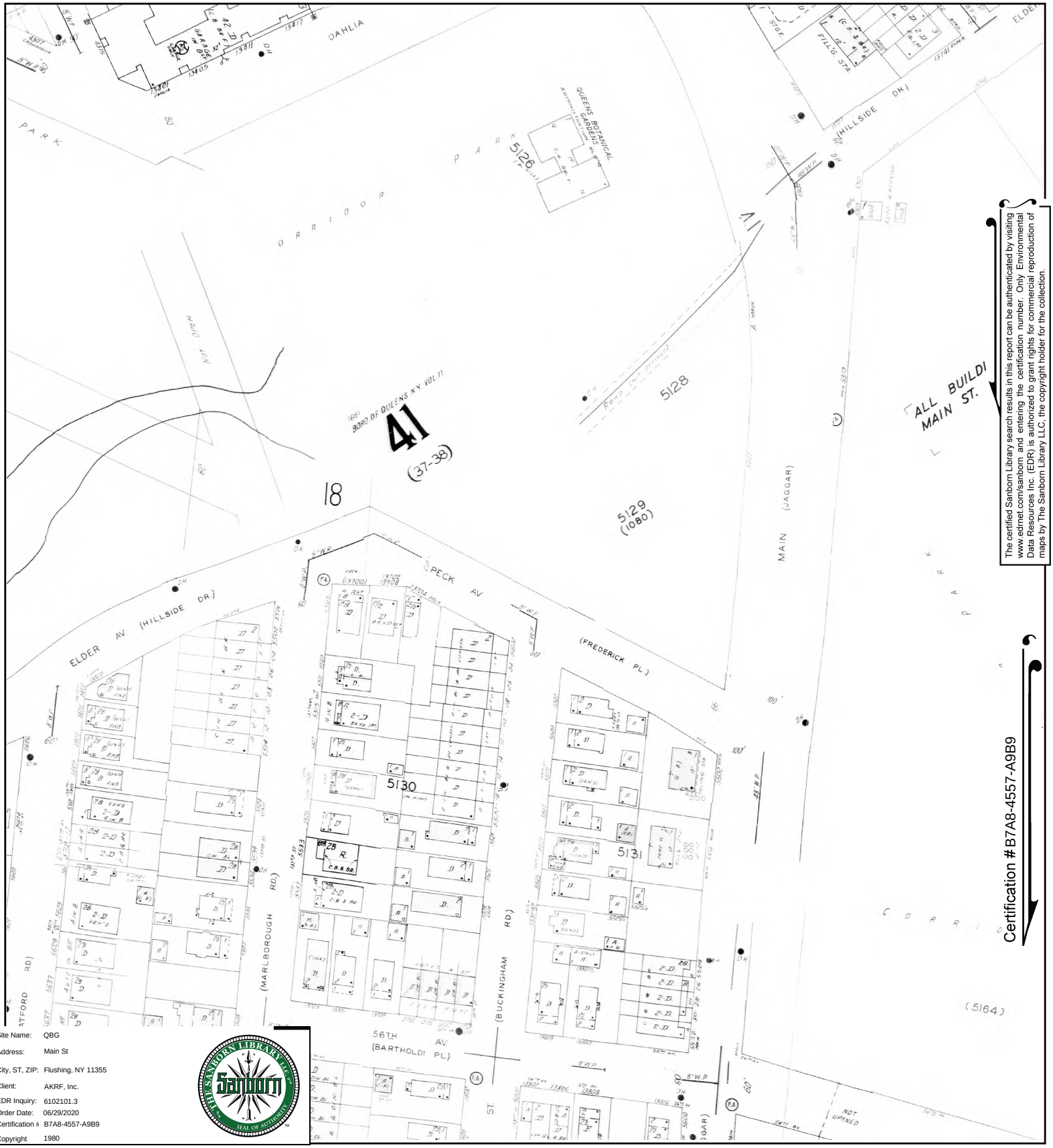

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Certification #B7A8-4557-A9B9

Site Name:	QBG
Address:	Main St
City, ST, ZIP:	Flushing, NY 11355
Client:	AKRF, Inc.
EDR Inquiry:	6102101.3
Order Date:	06/29/2020
Certification #	B7A8-4557-A9B9
Copyright	1980

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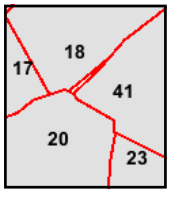
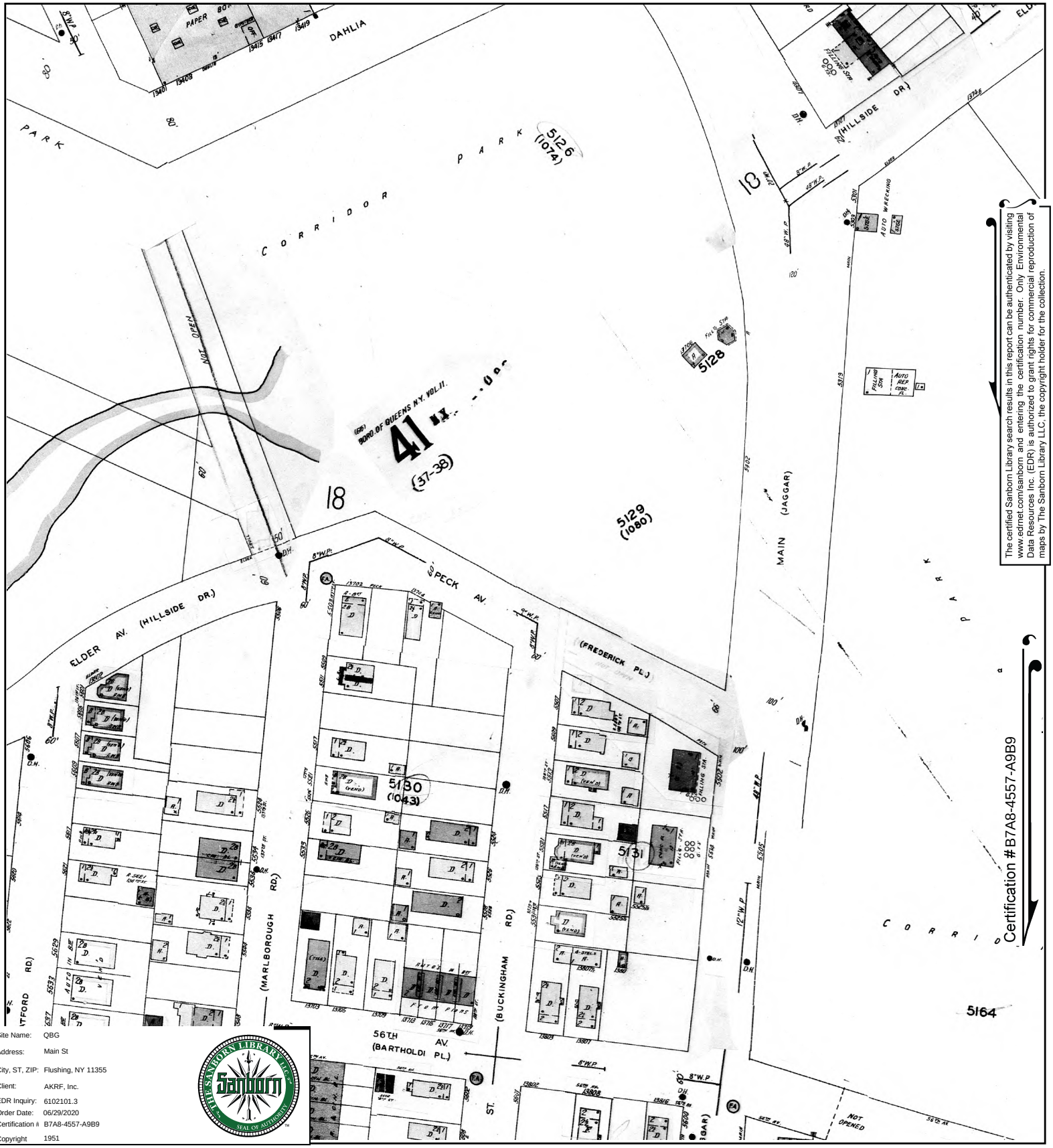


Volume 11, Sheet 41
Volume 11, Sheet 23
Volume 11, Sheet 20
Volume 11, Sheet 18
Volume 11, Sheet 17

0 Feet 150 300 600

N



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Certification #B7A8-4557-A9B9

Site Name:	QBG
Address:	Main St
City, ST, ZIP:	Flushing, NY 11355
Client:	AKRF, Inc.
EDR Inquiry:	6102101.3
Order Date:	06/29/2020
Certification #:	B7A8-4557-A9B9
Copyright	1951

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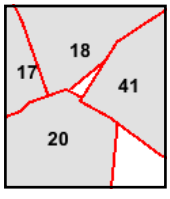
Outlined areas indicate map sheets within the collection.



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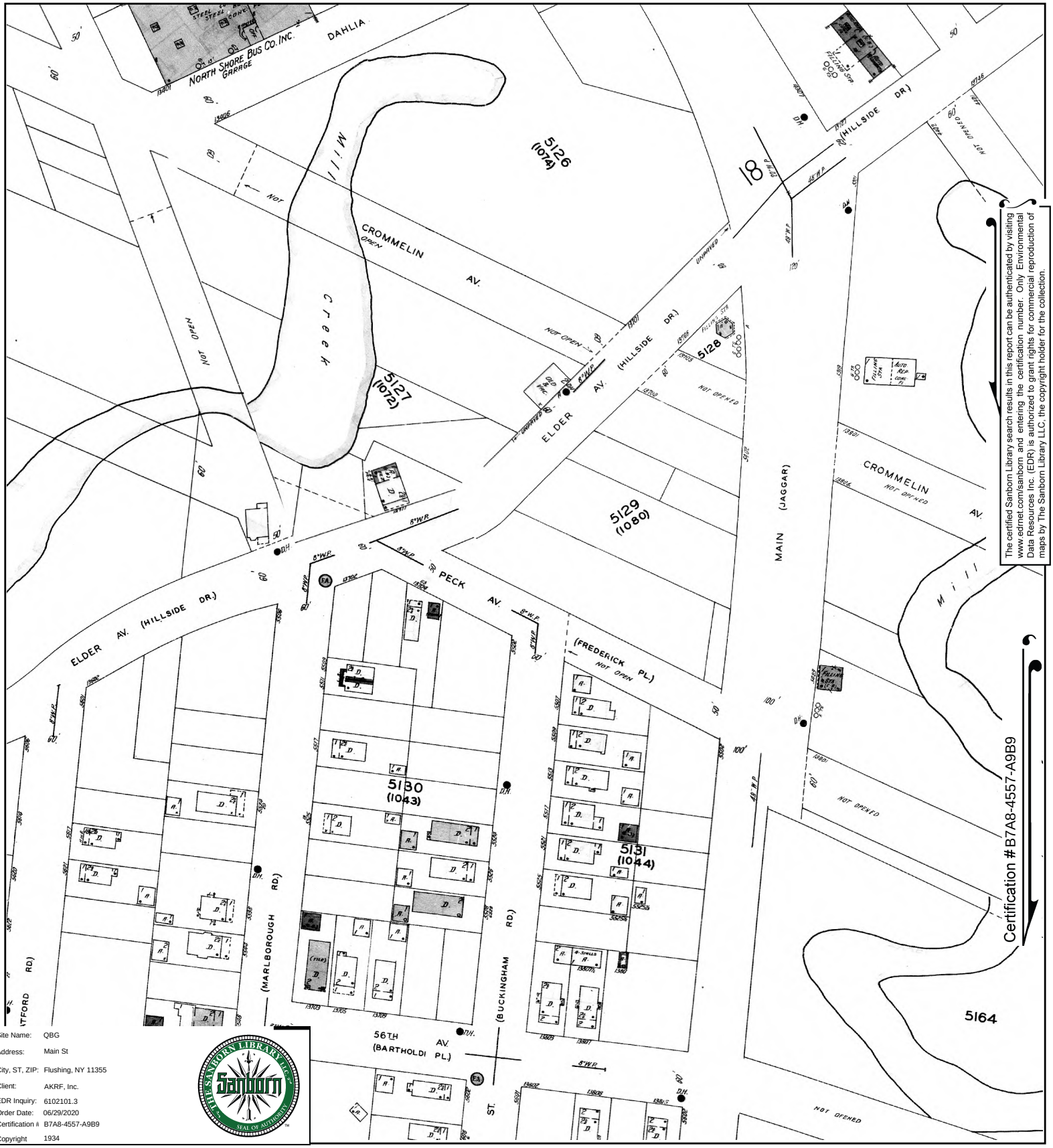
Volume 11, Sheet 18
Volume 11, Sheet 17

0 Feet 150 300 600

N



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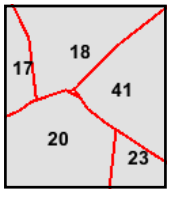
Site Name:	QBG
Address:	Main St
City, ST, ZIP:	Flushing, NY 11355
Client:	AKRF, Inc.
EDR Inquiry:	6102101.3
Order Date:	06/29/2020
Certification #:	B7A8-4557-A9B9
Copyright	1934

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.



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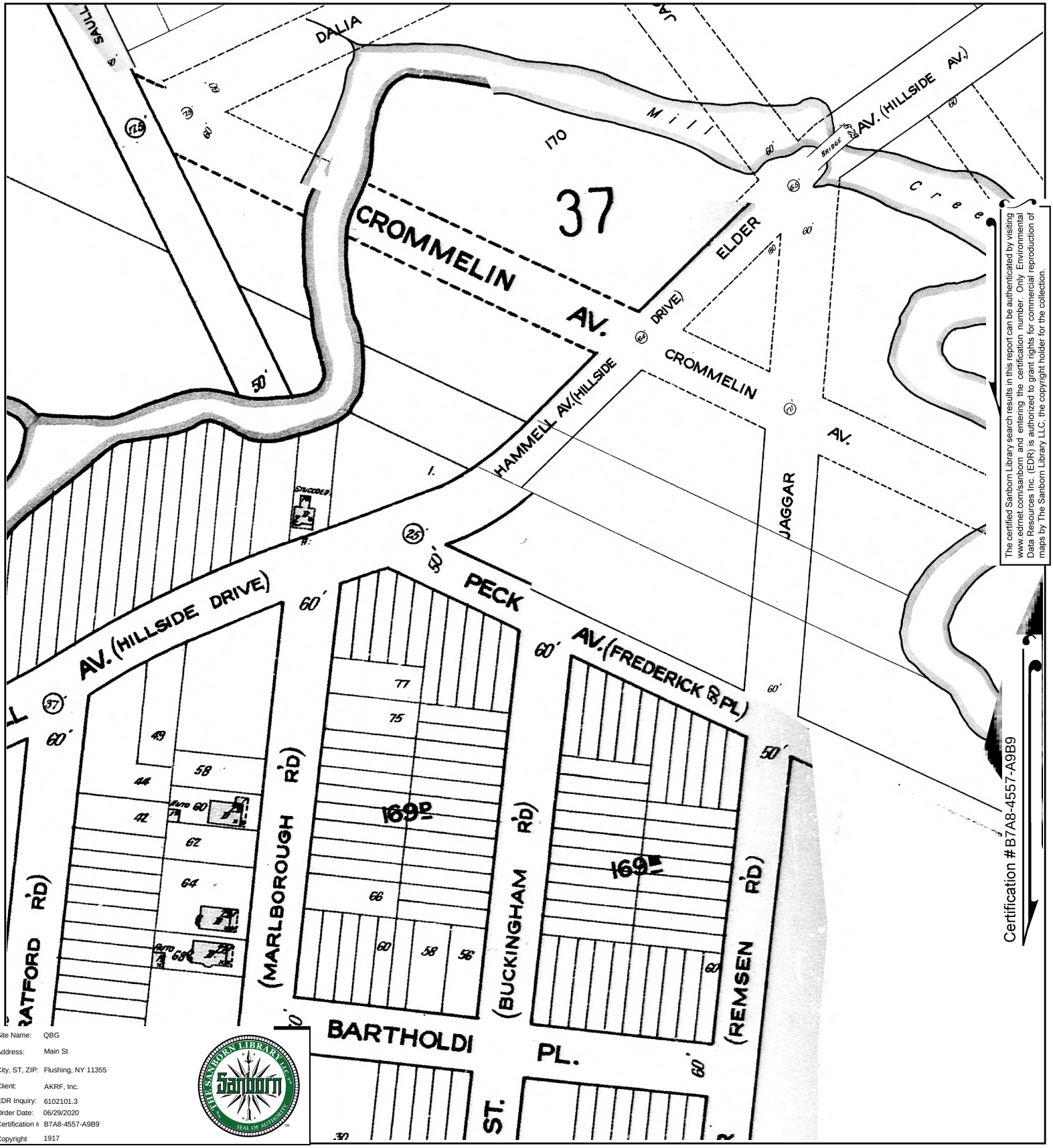
Volume 11, Sheet 23
Volume 11, Sheet 20
Volume 11, Sheet 18
Volume 11, Sheet 17

0 Feet 150 300 600

N



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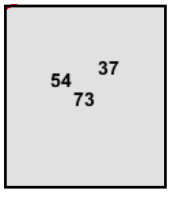
Certification #B7A8-4557-A9B9

Site Name: QBG
Address: Main St
City, ST, ZIP: Flushing, NY 11355
Client: AKRF, Inc.
EDR Inquiry: 6102101.3
Order Date: 06/29/2020
Certification #: B7A8-4557-A9B9
Copyright: 1917

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.



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Volume 11, Sheet 37
Volume 11, Sheet 54

0 Feet 150 300 600

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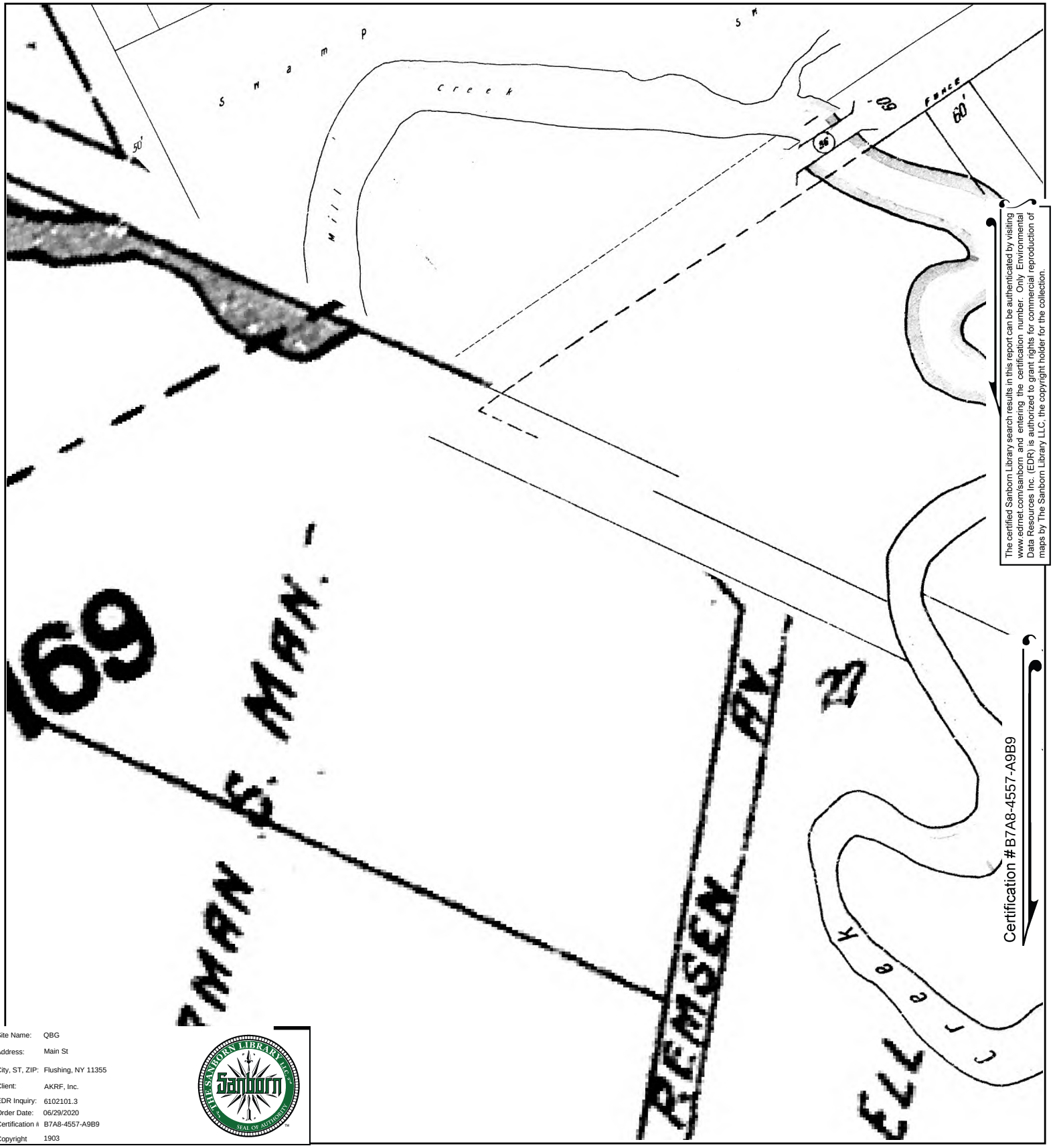

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Certification #B7A8-4557-A9B9

Site Name: QBG
Address: Main St
City, ST, ZIP: Flushing, NY 11355
Client: AKRF, Inc.
EDR Inquiry: 6102101.3
Order Date: 06/29/2020
Certification #: B7A8-4557-A9B9
Copyright 1903

This Certified Sanborn Map combines the following sheets.
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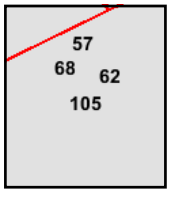

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Volume 5, Sheet 62
Volume 5, Sheet 57

0 Feet 150 300 600

N

APPENDIX C
AERIAL PHOTOGRAPHS

QBG

Main St

Flushing, NY 11355

Inquiry Number: 6102101.5

June 24, 2020

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

06/24/20

Site Name:

QBG
Main St
Flushing, NY 11355
EDR Inquiry # 6102101.5

Client Name:

AKRF, Inc.
440 Park Avenue, South 7th Floor
New York, NY 10016
Contact: Neoma Chefalo

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

Year	Scale	Details	Source
2017	1"=500'	Flight Year: 2017	USDA/NAIP
2013	1"=500'	Flight Year: 2013	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
1994	1"=500'	Acquisition Date: April 08, 1994	USGS/DOQQ
1985	1"=500'	Flight Date: March 16, 1985	USDA
1974	1"=500'	Flight Date: September 15, 1974	NOAA
1966	1"=500'	Flight Date: February 23, 1966	USGS
1961	1"=500'	Flight Date: November 22, 1961	EDR Proprietary Aerial Viewpoint
1954	1"=500'	Flight Date: January 08, 1954	USGS
1951	1"=500'	Flight Date: April 20, 1951	EDR Proprietary Aerial Viewpoint
1924	1"=500'	Flight Date: July 01, 1924	FAIR

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INQUIRY #: 6102101.5

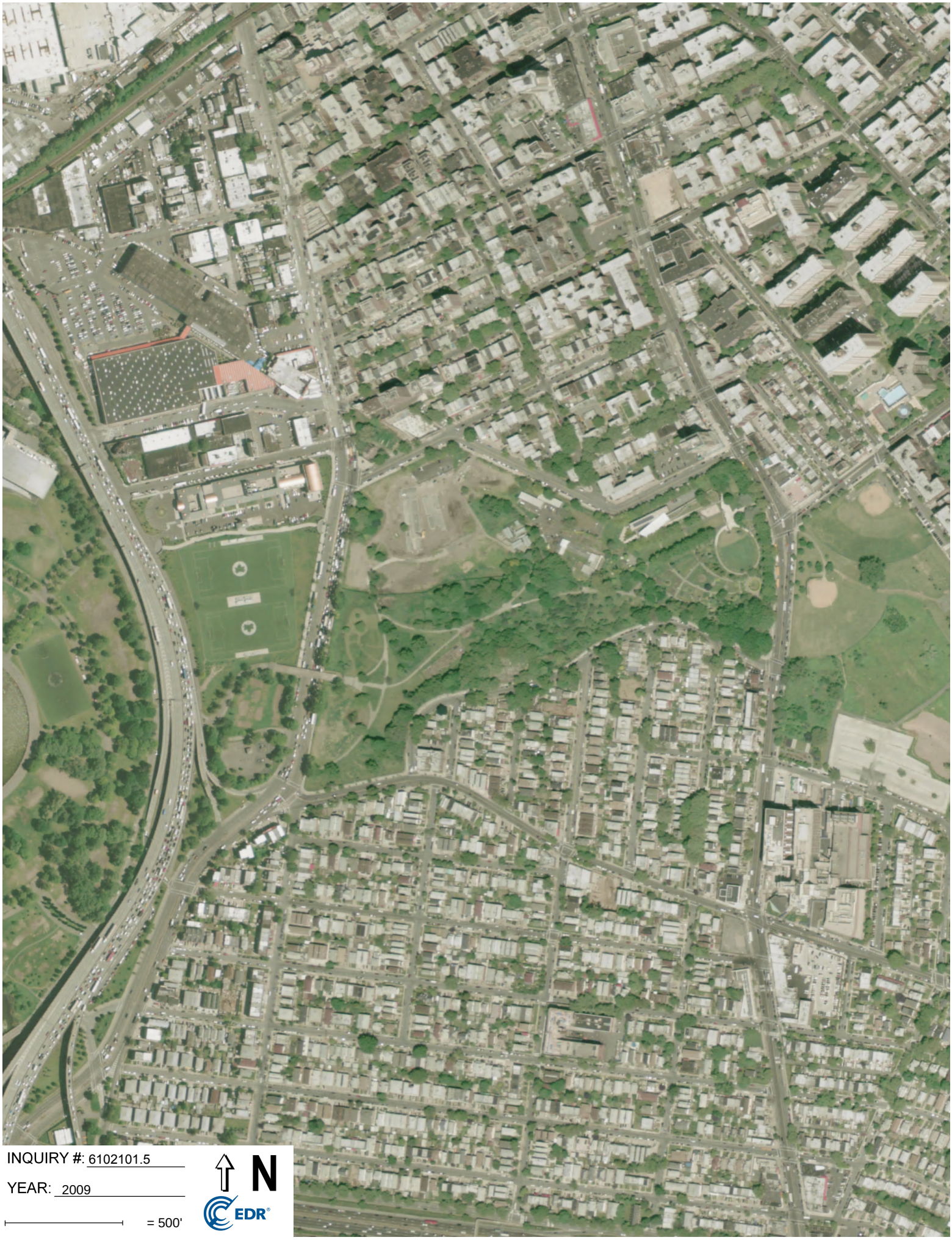
YEAR: 2017

= 500'

N

EDR

INQUIRY #: 6102101.5
YEAR: 2013
= 500'
N
EDR



INQUIRY #: 6102101.5

YEAR: 2009

= 500'

N

EDR

INQUIRY #: 6102101.5

YEAR: 2006

= 500'

N

EDR

INQUIRY #: 6102101.5

YEAR: 1994

= 500'

N

EDR

INQUIRY #: 6102101.5

YEAR: 1985

= 500'

N

EDR

INQUIRY #: 6102101.5

YEAR: 1974

= 500'

N

EDR

INQUIRY #: 6102101.5

YEAR: 1966

= 500'

N

EDR

INQUIRY #: 6102101.5

YEAR: 1961

= 500'

N

EDR

INQUIRY #: 6102101.5

YEAR: 1954

= 500'

N

EDR

INQUIRY #: 6102101.5

YEAR: 1951

= 500'

N

EDR

INQUIRY #: 6102101.5

YEAR: 1924

= 500'

N

EDR

APPENDIX D

REGULATORY DATABASE REPORT

QBG
Main St
Flushing, NY 11355

Inquiry Number: 6102101.2s
June 24, 2020

The EDR Radius Map™ Report with GeoCheck®

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	8
Orphan Summary	476
Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting Source Map	A-7
Physical Setting Source Map Findings	A-8
Physical Setting Source Records Searched	PSGR-1

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

MAIN ST
FLUSHING, NY 11355

COORDINATES

Latitude (North):	40.7497530 - 40° 44' 59.11''
Longitude (West):	73.8320840 - 73° 49' 55.50''
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	598597.8
UTM Y (Meters):	4511422.5
Elevation:	18 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5940539 JAMAICA, NY
Version Date:	2013
North Map:	5940605 FLUSHING, NY
Version Date:	2013

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20150522
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
MAIN ST
FLUSHING, NY 11355

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	CON EDISON	56-44 COLLEGE PT BLV	RCRA NonGen / NLR	Higher	149, 0.028, West
A2	CON EDISON	56-44 COLLEGE PT BLV	RCRA NonGen / NLR, FINDS, ECHO	Higher	149, 0.028, West
A3	CON EDISON	56-44 COLLEGE PT BLV	NY MANIFEST	Higher	149, 0.028, West
4	55-17 137TH STREET	55-17 137TH STREET	NY Spills	Higher	295, 0.056, East
B5	QUEENS BOTANICAL GAR	43-50 MAIN ST	NY Spills	Higher	420, 0.080, ENE
6	133-01 BOOTH MEMORIA	133-01 BOOTH MEMORIA	NY AST	Higher	454, 0.086, SSE
B7	FLUSHING GARDENS CON	134-05 DAHLIA AVENUE	NY Spills	Higher	458, 0.087, ENE
8	SPILL NUMBER 0009996	5645 136TH ST	NY Spills	Higher	515, 0.098, ESE
C9	ROADWAY	COLLEGE PT BLVD/BOOT	NY Spills	Higher	547, 0.104, SSW
C10	COLLEGE POINT BLVD.	AT BOOTH MEMORIAL AV	NY Spills	Higher	547, 0.104, SSW
B11	NORTH SHORE TOYOTA	134-37 DAHLIA STREET	NY LTANKS, NY Spills	Higher	549, 0.104, ENE
B12	NORTH SHORE TOYOTA	134-37 DAHLIA STREET	NY UST	Higher	549, 0.104, ENE
D13	CON EDISON	42-97 CROMMELIN AVE	NY MANIFEST	Higher	577, 0.109, NE
D14	CON EDISON - MANHOLE	42-97 CROMMELIN AVE.	RCRA-LQG	Higher	577, 0.109, NE
E15	LOT 1,TAXBLOCK 5076	49-04 COLLEGE POINT	NY E DESIGNATION	Higher	585, 0.111, North
E16	LOT 5,TAXBLOCK 5076	131-59 FOWLER AVENUE	NY E DESIGNATION	Higher	585, 0.111, NNW
E17	BP GAS STATION	49-04 COLLEGE POINT	NY Spills	Higher	590, 0.112, North
E18	TONG KIM CORP	49-04 COLLEGE POINT	RCRA-VSQG	Higher	592, 0.112, North
E19	BP PRODUCTS NORTH AM	4904 COLLEGE POINT B	RCRA-SQG, FINDS, ECHO, NY MANIFEST	Higher	592, 0.112, North
E20	BP PRODUCTS NORTH AM	4904 COLLEGE POINT B	NJ MANIFEST	Higher	592, 0.112, North
E21	TONG KIM INC	49-04 COLLEGE POINT	EDR Hist Auto	Higher	592, 0.112, North
E22	BP SERVICE STATION #	49-04 COLLEGE POINT	NY UST, NY AST	Higher	592, 0.112, North
E23	AMOCO SERVICE STATIO	49-04 COLLEGE POINT	NY LTANKS	Higher	592, 0.112, North
E24	LOT 7,TAXBLOCK 5076	131-57 FOWLER AVENUE	NY E DESIGNATION	Higher	608, 0.115, NNW
E25	LOT 9,TAXBLOCK 5076	FOWLER AVENUE	NY E DESIGNATION	Higher	626, 0.119, NNW
F26	GAS STATION	55-02 MAIN ST	NY Spills	Higher	628, 0.119, East
G27	FLUSHING BAY CSO RET	131-40 FOWLER AVE	NY CBS	Higher	637, 0.121, NNW
E28	LOT 67,TAXBLOCK 5076	131-62 AVERY AVENUE	NY E DESIGNATION	Higher	638, 0.121, NNW
E29	LOT 11,TAXBLOCK 5076	FOWLER AVENUE	NY E DESIGNATION	Higher	641, 0.121, NNW
F30	M & N AUTO REPAIR CR	5502 MAIN ST	EDR Hist Auto	Higher	649, 0.123, East
F31	FLUSHING TIRE LTD.	55-02 MAIN STREET	NY AST	Higher	649, 0.123, East
F32	FLUSHING TIRE LTD.	55-02 MAIN ST.	NY CBS	Higher	649, 0.123, East
33	CON EDISON SERVICE B	42-69 CROMMELIN AVE	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Higher	673, 0.127, NNE
C34	CON EDISON	56-05 COLLEGE PT BLV	NY MANIFEST	Lower	683, 0.129, SSW
G35	131-05 HOLDING LLC	131-05 & 131-15 FOWL	NY MANIFEST	Higher	696, 0.132, NNW
G36	131-05 & 131-15 FOWL	131-05 & 131-15 FOWL	NY BROWNFIELDS	Higher	696, 0.132, NNW
D37	CON EDISON SERVICE B	42-88 SAULL ST	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Higher	702, 0.133, NE
F38	CON EDISON	MAIN ST & PECK AVE	NJ MANIFEST	Higher	704, 0.133, East
F39	CON EDISON	MAIN ST & PECK AVE	RCRA NonGen / NLR	Higher	704, 0.133, East

MAPPED SITES SUMMARY

Target Property Address:
MAIN ST
FLUSHING, NY 11355

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
F40	CON EDISON - SERVICE	PECK AVE & MAIN ST	NY MANIFEST	Higher	704, 0.133, East
F41	CON ED	MAIN ST & PECK AVE	NY MANIFEST	Higher	704, 0.133, East
D42	42-91 SAULL STREET	42-91 SAULL STREET	NY UST	Higher	712, 0.135, NE
E43	CON ED	44-41 COLLEGE POINT	NY MANIFEST	Higher	741, 0.140, North
E44	CON EDISON	44-41 COLLEGE POINT	RCRA NonGen / NLR	Higher	741, 0.140, North
E45	CON EDISON	44-41 COLLEGE POINT	NJ MANIFEST	Higher	741, 0.140, North
46	134-17 CHERRY AVE.	134-17 CHERRY AVENUE	NY UST	Higher	748, 0.142, NE
G47	ENOVATION GRAPHIC SY	131-27 FOWLER AVE	RCRA NonGen / NLR	Lower	765, 0.145, NW
G48	BERNARD SCHARF	131-27 FOWLER AVENUE	NY E DESIGNATION, NY MANIFEST	Lower	765, 0.145, NW
E49	WESTERN BEEF SUPERMA	44-44 COLLEGE POINT	NY AST	Higher	770, 0.146, North
E50	WESTERN BEEF	44-44 COLLEGE PT BLV	NY LTANKS	Higher	770, 0.146, North
H51	QUEENS BOTANICAL GAR	43-50 MAIN STREET	NY UST	Higher	771, 0.146, ENE
H52	CON EDISON GAS DRIP	MAIN ST & ELDER AV	RCRA NonGen / NLR	Higher	772, 0.146, ENE
H53	CON EDISON GAS DRIP	MAIN ST & ELDER AVE	NJ MANIFEST	Higher	772, 0.146, ENE
H54	CONSOLIDATED EDISON	MAIN ST & ELDER AVE	NY MANIFEST	Higher	772, 0.146, ENE
H55	CON EDISON - SERVICE	ELDER AVE	RCRA-LQG	Higher	772, 0.146, ENE
H56	CON EDISON	ELDER AVE	NY MANIFEST	Higher	772, 0.146, ENE
E57	CON EDISON	44-37 COLLEGE POINT	NY MANIFEST	Higher	780, 0.148, North
E58	CON EDISON SERVICE B	44-37 COLLEGE POINT	RCRA NonGen / NLR, FINDS	Higher	780, 0.148, North
59	HOME DEPOT USA INC S	131-35 AVERY AVENUE	PA MANIFEST	Higher	810, 0.153, NNW
I60	CON EDISON SERVICE B	43-08 MAIN ST FRONT	RCRA NonGen / NLR, NY MANIFEST	Higher	829, 0.157, ENE
G61	131-05 HOLDING LLC	131-05 & 131-15 FOWL	RCRA NonGen / NLR, FINDS, ECHO	Lower	833, 0.158, NW
H62	SUNOCO SERVICE STATI	43-25 MAIN ST	RCRA NonGen / NLR, FINDS, ECHO	Higher	837, 0.159, ENE
J63	5601 MAIN ST/QUEENS/	5601 MAIN ST	NY LTANKS	Higher	840, 0.159, ESE
H64	CON EDISON SERVICE B	43-45 MAIN ST	RCRA NonGen / NLR, NY MANIFEST	Higher	852, 0.161, ENE
H65	S S PREMISES C-O SHE	4345 MAIN ST	RCRA NonGen / NLR, FINDS, ECHO	Higher	852, 0.161, ENE
H66	SHELL OIL COMPANY	4345 MAIN ST	NY MANIFEST	Higher	852, 0.161, ENE
H67	CON EDISON SERVICE B	43-35 MAIN ST	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Higher	858, 0.162, ENE
H68	CON EDISON	43-23 MAIN ST	NY MANIFEST	Higher	868, 0.164, ENE
J69	MERIT OIL CORP	56 MAIN ST	NY UST, RCRA NonGen / NLR, FINDS, ECHO, NY...	Higher	875, 0.166, ESE
K70	131-05 & 131-15 FOWL	131-11 FOWLER AVENUE	NY ENG CONTROLS, NY INST CONTROL, NY BROWNFIELDS	Lower	885, 0.168, NW
H71	CON EDISON SERVICE B	43-45A MAIN ST FRONT	RCRA NonGen / NLR, NY MANIFEST	Higher	888, 0.168, ENE
L72	CON EDISON	SAUL ST & BLOSSOM AV	NJ MANIFEST	Higher	888, 0.168, NE
L73	CON EDISON SERVICE B	SAULL ST & BLOSSOM A	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Higher	888, 0.168, NE
L74	CON EDISON	SAUL ST & BLOSSOM AV	NJ MANIFEST	Higher	888, 0.168, NE
L75	CON EDISON	SAUL ST & BLOSSOM AV	NY MANIFEST	Higher	888, 0.168, NE
L76	CON EDISON	SAUL ST & BLOSSOM AV	NY MANIFEST	Higher	888, 0.168, NE
M77	CON EDISON - MANHOLE	44-27 COLLEGE POINT	RCRA-LQG, NY MANIFEST	Higher	891, 0.169, North
78	COLLEGE PT BLVD @ 57	COLLEGE PT BLVD @ 57	NY LTANKS	Higher	920, 0.174, South

MAPPED SITES SUMMARY

Target Property Address:
MAIN ST
FLUSHING, NY 11355

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
K79	131-05 FOWLER AVENUE	131-05 FOWLER AVENUE	NY SHWS	Lower	936, 0.177, NW
K80	131-05 FOWLER AVE	131-05 FOWLER AVENUE	NY UST, NY E DESIGNATION	Lower	936, 0.177, NW
K81	131-05 FOWLER AVE	131-05 FOWLER AVENUE	NY AST	Lower	936, 0.177, NW
M82	MAPLE CREST GRFEENHO	44-20 COLLEGE POINT	NY AST	Higher	950, 0.180, NNW
83	DIAMOND POINT EXCAVA	134-32 57TH AVE	RCRA NonGen / NLR, FINDS, ECHO	Higher	951, 0.180, SSE
J84	HESS/MERIT 56-01 MAI	56-01 MAIN STREET	NY LTANKS, NY Spills	Higher	962, 0.182, ESE
J85	SPEEDWAY 7818	5601 MAIN ST	RCRA-VSQG, FINDS, ECHO	Higher	962, 0.182, ESE
I86	GARDEN PLAZA MGMT	136-04 CHERRY AVE	NY UST	Higher	981, 0.186, ENE
I87	CHERRY AVE APARTMENT	136-04 CHERRY AVE	NY LTANKS	Higher	981, 0.186, ENE
K88	HOME DEPOT USA INC H	131-35 AVERY AVE	RCRA-SQG, FINDS, ECHO, NJ MANIFEST, NY MANIFEST	Higher	1022, 0.194, NW
K89	HOME DEPOT RETAIL ST	131-35 AVERY AVE	NY UST	Higher	1022, 0.194, NW
I90	CHERRY LANE OWNERS C	42-95 MAIN ST	NY LTANKS, NY UST, NY Spills	Higher	1041, 0.197, NE
N91	AMERICAN BAKERIES	131-33 AVERY AVENUE	RCRA NonGen / NLR, ICIS, FINDS, ECHO, NY MANIFEST	Higher	1051, 0.199, NW
M92	CON EDISON SERVICE B	44-10 COLLEGE PT BLV	RCRA NonGen / NLR, NY MANIFEST	Higher	1056, 0.200, NNW
93	CON EDISON - SERVICE	136-28 BOOTH MEMORIA	NY MANIFEST	Higher	1066, 0.202, SE
K94	NYCDEP FLUSHING BAY	131-01 FOWLER AVE	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Lower	1068, 0.202, NW
O95	BLOSSOM GARDENS APAR	134-39 BLOSSOM AVENU	NY AST	Higher	1071, 0.203, NE
M96	CON EDISON SERVICE B	44-05 COLLEGE PT BLV	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Higher	1088, 0.206, North
M97	CON EDISON SERVICE B	44-05 COLLEGE PT BLV	RCRA NonGen / NLR, NY MANIFEST	Higher	1088, 0.206, North
N98	CONSOLIDATED EDISON	131-33 AVERY AVE	NY Spills, NY MANIFEST	Higher	1091, 0.207, NW
N99	131-33 AVERY AVE/QUE	131-33 AVERY AVENUE	NY LTANKS	Higher	1091, 0.207, NW
K100	AVERY GROUP LLC & WI	131-10 AVERY AVE	RCRA-LQG, FINDS	Lower	1136, 0.215, NW
K101	AVERY GROUP LLC & WI	131-10 AVERY AVE	NY MANIFEST	Lower	1136, 0.215, NW
P102	CON EDISON	F/O 132-18 MAPLE AVE	NY MANIFEST	Higher	1139, 0.216, North
Q103	CON EDISON - SERVICE	56-45 MAIN ST	NY MANIFEST	Higher	1162, 0.220, ESE
Q104	V7476	56-45 MAIN STREET	RCRA NonGen / NLR, NY MANIFEST	Higher	1162, 0.220, ESE
Q105	NEW YORK HOSPITAL ME	56-45 MAIN ST	NY LTANKS	Higher	1162, 0.220, ESE
Q106	NEW YORK HOSPITAL QU	56-45 MAIN ST	RCRA-LQG, US AIRS, NY MANIFEST, NJ MANIFEST	Higher	1162, 0.220, ESE
Q107	NEWYORK-PRESBYTERIAN	56-45 MAIN STREET	NY UST, NY AST	Higher	1162, 0.220, ESE
Q108	NEW YORK HOSPITAL ME	56-45 MAIN STREET	PA MANIFEST	Higher	1162, 0.220, ESE
P109	CON EDISON	F/O 132-24 MAPLE AVE	NY MANIFEST	Higher	1179, 0.223, North
P110	132-24 MAPLE AVE	132-24 MAPLE AVE	NY AST	Higher	1179, 0.223, North
P111	CON EDISON	FO 132-30 MAPLE AVE	NY MANIFEST	Higher	1214, 0.230, North
P112	CON EDISON	F/O 132-30 MAPLE AVE	NY MANIFEST	Higher	1214, 0.230, North
113	E.E.H. REALTY CORPOR	134-14 FRANKLIN AVE	NY AST	Higher	1221, 0.231, NNE
114	CON EDISON SERVICE B	130-11 58TH AVE	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Lower	1232, 0.233, SSW
R115	CRYSTAL WINDOWS	131-40 MAPLE AVE	NY UST	Higher	1234, 0.234, NNW
S116	CON EDISON	58TH AVE & LAWRENCE	NJ MANIFEST	Higher	1238, 0.234, SSW
S117	CON EDISON	58TH AVE & LAWRENCE	RCRA NonGen / NLR, FINDS, ECHO	Higher	1238, 0.234, SSW

MAPPED SITES SUMMARY

Target Property Address:
MAIN ST
FLUSHING, NY 11355

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MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
S118	CON EDISON	58TH AVE & LAWRENCE	NY MANIFEST	Higher	1238, 0.234, SSW
T119	COIDEN HOUSE OWNERS	42-42 COLDEN ST	NY UST	Higher	1246, 0.236, NE
P120	132-09 MAPLE AVENUE	132-09 MAPLE AVENUE	NY AST	Higher	1253, 0.237, North
U121	CON EDISON	42-24 COLLEGE PT BLV	NY MANIFEST	Higher	1268, 0.240, NNW
U122	CON EDISON SERVICE B	42-24 COLLEGE PT BLV	RCRA NonGen / NLR, FINDS	Higher	1268, 0.240, NNW
O123	THE GLEN	42-60 MAIN STREET	NY UST	Higher	1269, 0.240, NE
124	CON EDISON	FO 132-44 MAPLE AVE	NY MANIFEST	Higher	1272, 0.241, North
P125	132-17 MAPLE AVENUE	132-17 MAPLE AVENUE	NY AST	Higher	1284, 0.243, North
R126	JIMMY CHIU AUTO REPA	42-44 HAIGHT ST	RCRA-VSQG, FINDS, ECHO, NY MANIFEST	Higher	1290, 0.244, NNW
P127	132-25 MAPLE AVENUE	132-25 MAPLE AVENUE	NY AST	Higher	1296, 0.245, North
P128	132-25 MAPLE AVENUE	132-25 MAPLE AVENUE	NY UST	Higher	1296, 0.245, North
R129	NEW COMPLETE AUTO	42-22 HAIGHT STREET	NY AST	Higher	1311, 0.248, NNW
P130	UNDERGROUND TANK	132-25 MAPLE AVE	NY LTANKS	Higher	1334, 0.253, North
T131	PRINCE CHARLES APART	42-10 COLDEN STREET	NY LTANKS, NY UST	Higher	1426, 0.270, NE
V132	SKYLINE TOWERS #5, L	43-23 COLDEN STREET	NY LTANKS, NY UST	Higher	1453, 0.275, ENE
V133	42-55 GOLDEN OWNERS	42-55 COLDEN ST	NY LTANKS, NY UST, NY Spills	Higher	1496, 0.283, NE
134	CARLISLE TOWERS #3	42-49 COLDEN ST	NY LTANKS	Higher	1533, 0.290, NE
135	132-40 SANFORD AVE	132-40 SANFORD AVE	NY LTANKS	Higher	1584, 0.300, North
V136	138-35 ELDER AVE	138-35 ELDER AV	NY LTANKS	Higher	1590, 0.301, ENE
W137	WOODNER HOUSE CONDOS	138-35 ELDER AVE	NY LTANKS	Higher	1607, 0.304, ENE
X138	UNDER PAVEMENT - TTF	137-31 45TH AVE	NY LTANKS	Higher	1642, 0.311, ENE
X139	NEW YORK ARMENIAN HO	137-31 45TH AVE	NY LTANKS	Higher	1642, 0.311, ENE
140	RESIDENCE	56-49 141ST ST	NY LTANKS	Higher	1693, 0.321, ESE
141	HOUSING - APT BUILDI	137-05 FRANKLIN AVE	NY LTANKS, NY Spills	Higher	1717, 0.325, NE
142	SPILL NUMBER 0011652	134-37 MAPLE AVE	NY LTANKS, NY Spills	Higher	1760, 0.333, NNE
143	59TH AVE & COLLEGE P	59TH AVE & COLLEGE P	NY LTANKS	Higher	1775, 0.336, SSW
W144	B'NAI B'RITH HOUSING	138-49 ELDER AVENUE	NY LTANKS	Higher	1781, 0.337, ENE
145	43-70 KISSENA BLVD	43-70 KISSENA BLVD	NY LTANKS	Higher	1821, 0.345, ENE
146	41-06 DELONG ST/QUEE	41006 DELONG STREET	NY LTANKS, NY Spills	Lower	1853, 0.351, NNW
X147	JEFFERSON APARTMENTS	137-40 45TH AVE	NY LTANKS	Higher	1853, 0.351, ENE
148	133-01 SANFORD AVE/Q	133-01 SANFORD AVE	NY LTANKS	Higher	1870, 0.354, North
Y149	CARLISLE TOWERS	43-32 KISSENA BLVD	NY LTANKS, NY Spills	Higher	1877, 0.355, NE
150	138-10 FRANKLIN AVE	138-10 FRANKLIN AVE	NY LTANKS	Higher	1878, 0.356, NE
Y151	CARLYLE COOP SEC A I	43-10 KISSENA BOULEV	NY LTANKS, NY UST, NY AST	Higher	2063, 0.391, NE
Z152	41-60 MAIN ST/GREENP	41-60 MAIN ST/GREENP	NY LTANKS	Higher	2154, 0.408, NNE
153	44-59 KISSENA BLVD	44-59 KISSENA BLVD	NY LTANKS	Higher	2181, 0.413, ENE
154	RESIDENTIAL COMPLEX	60-50 136TH ST	NY LTANKS	Higher	2229, 0.422, SSE
155	UNDERGROUND TANK	140-11 ASH AVE	NY LTANKS	Higher	2257, 0.427, NE
Z156	4165 MAIN ST/QUEENS/	4165 MAIN STREET	NY LTANKS	Higher	2276, 0.431, NNE

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MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
157	NEWPORT APARTMENTS I	42-65 KISSENA BOULEV	NY LTANKS, NY UST	Higher	2301, 0.436, NE
158	142-45 58TH RD	142-45 58TH RD.	NY LTANKS	Higher	2321, 0.440, SE
159	HOUSING COMPLEX	60-32 138TH ST	NY LTANKS	Higher	2345, 0.444, SSE
AA160	APARTMENT BUILDING	42-20 KISSENA BLVD.	NY LTANKS	Higher	2364, 0.448, NNE
161	CLOSED-LACKOF RECENT	130-04 HORACE HARDIN	NY LTANKS	Higher	2413, 0.457, SSW
162	5918 MAIN STREET	5918 MAIN STREET	NY LTANKS	Higher	2436, 0.461, SE
AA163	42 KISSENA REALTY	42-02 KISSENA BLVD	NY LTANKS	Higher	2448, 0.464, NNE
164	ST ANNE'S SCHOOL	142-45 58TH RD	NY LTANKS	Higher	2524, 0.478, SE
165	INDUSTRIAL PROPERTY	40-22 COLLEGE POINT	NY LTANKS, NY Spills	Lower	2596, 0.492, NNW
166	46-15 KISSENA BLVD.	46-15 KISSENA BLVD.	NY SHWS	Higher	2692, 0.510, East

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL ---------- National Priority List
Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ---------- National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY ---------- Federal Facility Site Information listing
SEMS ---------- Superfund Enterprise Management System

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE ---------- Superfund Enterprise Management System Archive

Federal RCRA CORRACTS facilities list

CORRACTS ---------- Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF ---------- RCRA - Treatment, Storage and Disposal

Federal institutional controls / engineering controls registries

LUCIS ---------- Land Use Control Information System
US ENG CONTROLS ---------- Engineering Controls Sites List
US INST CONTROLS ---------- Institutional Controls Sites List

Federal ERNS list

ERNS ---------- Emergency Response Notification System

State and tribal landfill and/or solid waste disposal site lists

NY SWF/LF ---------- Facility Register

State and tribal leaking storage tank lists

INDIAN LUST - Leaking Underground Storage Tanks on Indian Land
NY HIST LTANKS - Listing of Leaking Storage Tanks

State and tribal registered storage tank lists

FEMA UST - Underground Storage Tank Listing
NY CBS UST - Chemical Bulk Storage Database
NY MOSF UST - Major Oil Storage Facilities Database
NY MOSF - Major Oil Storage Facility Site Listing
NY CBS AST - Chemical Bulk Storage Database
NY MOSF AST - Major Oil Storage Facilities Database
INDIAN UST - Underground Storage Tanks on Indian Land
NY TANKS - Storage Tank Faciliy Listing

State and tribal institutional control / engineering control registries

NY RES DECL - Restrictive Declarations Listing

State and tribal voluntary cleanup sites

NY VCP - Voluntary Cleanup Agreements
INDIAN VCP - Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

NY ERP - Environmental Restoration Program Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS - A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

NY SWTIRE - Registered Waste Tire Storage & Facility List
NY SWRCY - Registered Recycling Facility List
INDIAN ODI - Report on the Status of Open Dumps on Indian Lands
ODI - Open Dump Inventory
DEBRIS REGION 9 - Torres Martinez Reservation Illegal Dump Site Locations
IHS OPEN DUMPS - Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL - Delisted National Clandestine Laboratory Register
NY DEL SHWS - Delisted Registry Sites
US CDL - National Clandestine Laboratory Register
NY PFAS - PFAS Contamination Site Location Listing

Local Lists of Registered Storage Tanks

NY HIST UST - Historical Petroleum Bulk Storage Database

NY HIST AST ---- Historical Petroleum Bulk Storage Database

Local Land Records

NY LIENS ---- Spill Liens Information
LIENS 2 ---- CERCLA Lien Information

Records of Emergency Release Reports

HMIRS ---- Hazardous Materials Information Reporting System
NY Hist Spills ---- SPILLS Database
NY SPILLS 90 ---- SPILLS 90 data from FirstSearch
NY SPILLS 80 ---- SPILLS 80 data from FirstSearch

Other Ascertainable Records

FUDS ---- Formerly Used Defense Sites
DOD ---- Department of Defense Sites
SCRD DRYCLEANERS ---- State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR ---- Financial Assurance Information
EPA WATCH LIST ---- EPA WATCH LIST
2020 COR ACTION ---- 2020 Corrective Action Program List
TSCA ---- Toxic Substances Control Act
TRIS ---- Toxic Chemical Release Inventory System
SSTS ---- Section 7 Tracking Systems
ROD ---- Records Of Decision
RMP ---- Risk Management Plans
RAATS ---- RCRA Administrative Action Tracking System
PRP ---- Potentially Responsible Parties
PADS ---- PCB Activity Database System
FTTS ---- FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS ---- Material Licensing Tracking System
COAL ASH DOE ---- Steam-Electric Plant Operation Data
COAL ASH EPA ---- Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER ---- PCB Transformer Registration Database
RADINFO ---- Radiation Information Database
HIST FTTS ---- FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS ---- Incident and Accident Data
CONSENT ---- Superfund (CERCLA) Consent Decrees
INDIAN RESERV ---- Indian Reservations
FUSRAP ---- Formerly Utilized Sites Remedial Action Program
UMTRA ---- Uranium Mill Tailings Sites
LEAD SMELTERS ---- Lead Smelter Sites
US MINES ---- Mines Master Index File
ABANDONED MINES ---- Abandoned Mines
UXO ---- Unexploded Ordnance Sites
DOCKET HWC ---- Hazardous Waste Compliance Docket Listing
FUELS PROGRAM ---- EPA Fuels Program Registered Listing
NY AIRS ---- Air Emissions Data
NY COAL ASH ---- Coal Ash Disposal Site Listing
NY DRYCLEANERS ---- Registered Drycleaners
NY Financial Assurance ---- Financial Assurance Information Listing
NY HSWDS ---- Hazardous Substance Waste Disposal Site Inventory
NY SPDES ---- State Pollutant Discharge Elimination System

NY VAPOR REOPENED Vapor Intrusion Legacy Site List
NY UIC Underground Injection Control Wells
NY COOLING TOWERS Registered Cooling Towers
MINES MRDS Mineral Resources Data System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP EDR Proprietary Manufactured Gas Plants
EDR Hist Cleaner EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

NY RGA HWS Recovered Government Archive State Hazardous Waste Facilities List
NY RGA LF Recovered Government Archive Solid Waste Facilities List

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA generators list

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 03/23/2020 has revealed that there are 5 RCRA-LQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON - MANHOLE EPA ID:: NYP004335410	42-97 CROMMELIN AVE.	NE 0 - 1/8 (0.109 mi.)	D14	52
CON EDISON - SERVICE	ELDER AVE	ENE 1/8 - 1/4 (0.146 mi.)	H55	132

EPA ID:: NYP004331336				
CON EDISON - MANHOLE	***44-27 COLLEGE POINT***	***N 1/8 - 1/4 (0.169 mi.)***	***M77***	***210***
EPA ID:: NYP004334702				
NEW YORK HOSPITAL QU	***56-45 MAIN ST***	***ESE 1/8 - 1/4 (0.220 mi.)***	***Q106***	***287***
EPA ID:: NYD072744592				

Lower Elevation	Address	Direction / Distance	Map ID	Page
AVERY GROUP LLC & WI	***131-10 AVERY AVE***	***NW 1/8 - 1/4 (0.215 mi.)***	***K100***	***278***
EPA ID:: NYR000234716				

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 03/23/2020 has revealed that there are 2 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BP PRODUCTS NORTH AM	***4904 COLLEGE POINT B***	***N 0 - 1/8 (0.112 mi.)***	***E19***	***58***
EPA ID:: NYR000209064				
HOME DEPOT USA INC H	***131-35 AVERY AVE***	***NW 1/8 - 1/4 (0.194 mi.)***	***K88***	***234***
EPA ID:: NYR000015974				

RCRA-VSQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-VSQG list, as provided by EDR, and dated 03/23/2020 has revealed that there are 3 RCRA-VSQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TONG KIM CORP	49-04 COLLEGE POINT	N 0 - 1/8 (0.112 mi.)	E18	56
EPA ID:: NYR000157263				
SPEEDWAY 7818	***5601 MAIN ST***	***ESE 1/8 - 1/4 (0.182 mi.)***	***J85***	***227***
EPA ID:: NYR000229690				
JIMMY CHIU AUTO REPA	***42-44 HAIGHT ST***	***NNW 1/8 - 1/4 (0.244 mi.)***	***R126***	***377***
EPA ID:: NYR000105502				

State- and tribal - equivalent CERCLIS

NY SHWS: The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Department of Environmental Conservation's Inactive Hazardous waste Disposal Sites in New York State.

A review of the NY SHWS list, as provided by EDR, and dated 02/10/2020 has revealed that there are 2 NY SHWS sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
46-15 KISSENA BLVD. Site Code: 581009	46-15 KISSENA BLVD.	E 1/2 - 1 (0.510 mi.)	166	474

Lower Elevation	Address	Direction / Distance	Map ID	Page
131-05 FOWLER AVENUE Site Code: 491949	131-05 FOWLER AVENUE	NW 1/8 - 1/4 (0.177 mi.)	K79	214

State and tribal leaking storage tank lists

NY LTANKS: Leaking Storage Tank Incident Reports. These records contain an inventory of reported leaking storage tank incidents reported from 4/1/86 through the most recent update. They can be either leaking underground storage tanks or leaking aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills

A review of the NY LTANKS list, as provided by EDR, and dated 02/07/2020 has revealed that there are 46 NY LTANKS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NORTH SHORE TOYOTA Spill Number/Closed Date: 9414531 / 2006-01-31 Site ID: 97729 Spill Date: 1995-02-03	***134-37 DAHLIA STREET***	***ENE 0 - 1/8 (0.104 mi.)***	***B11***	***46***
AMOCO SERVICE STATIO Spill Number/Closed Date: 0400063 / 2005-12-12 Site ID: 274118 Spill Date: 2004-04-02	49-04 COLLEGE POINT	N 0 - 1/8 (0.112 mi.)	E23	83
WESTERN BEEF Spill Number/Closed Date: 0209360 / 2003-12-11 Site ID: 83247 Spill Date: 2002-12-11	44-44 COLLEGE PT BLV	N 1/8 - 1/4 (0.146 mi.)	E50	122
5601 MAIN ST/QUEENS/ Spill Number/Closed Date: 8710247 / 1990-12-19 Spill Number/Closed Date: 8710291 / 1990-12-19 Site ID: 183730 Site ID: 183731 Spill Date: 1988-03-07 Spill Date: 1988-03-08	5601 MAIN ST	ESE 1/8 - 1/4 (0.159 mi.)	J63	145
COLLEGE PT BLVD @ 57	COLLEGE PT BLVD @ 57	S 1/8 - 1/4 (0.174 mi.)	78	213

Spill Number/Closed Date: 8900716 / 1989-04-24
Site ID: 163876
Spill Date: 1989-04-21

HESS/MERIT 56-01 MAI	***56-01 MAIN STREET***	***ESE 1/8 - 1/4 (0.182 mi.)***	***J84***	***224***
Spill Number/Closed Date: 9307005 / 1994-06-02 Site ID: 166134 Spill Date: 1993-09-08				
CHERRY AVE APARTMENT	136-04 CHERRY AVE	ENE 1/8 - 1/4 (0.186 mi.)	I87	231
Spill Number/Closed Date: 9800839 / 1998-10-01 Spill Number/Closed Date: 0203729 / 2004-07-29 Site ID: 129606 Site ID: 187466 Spill Date: 1998-04-20 Spill Date: 2002-07-09				
CHERRY LANE OWNERS C	***42-95 MAIN ST***	***NE 1/8 - 1/4 (0.197 mi.)***	***I90***	***246***
Spill Number/Closed Date: 0101159 / 2010-01-04 Site ID: 311177 Spill Date: 2001-04-30				
131-33 AVERY AVE/QUE	131-33 AVERY AVENUE	NW 1/8 - 1/4 (0.207 mi.)	N99	274
Spill Number/Closed Date: 8908808 / 2013-01-25 Site ID: 167356 Spill Date: 1989-12-06				
NEW YORK HOSPITAL ME	56-45 MAIN ST	ESE 1/8 - 1/4 (0.220 mi.)	Q105	286
Spill Number/Closed Date: 9812447 / 2000-01-18 Site ID: 227601 Spill Date: 1999-01-07				
UNDERGROUND TANK	132-25 MAPLE AVE	N 1/4 - 1/2 (0.253 mi.)	P130	387
Spill Number/Closed Date: 1500530 / 2015-08-24 Site ID: 506688 Spill Date: 2015-04-15				
PRINCE CHARLES APART	***42-10 COLDEN STREET***	***NE 1/4 - 1/2 (0.270 mi.)***	***T131***	***388***
Spill Number/Closed Date: 0603773 / 2007-06-20 Site ID: 366555 Spill Date: 2006-07-05				
SKYLINE TOWERS #5, L	***43-23 COLDEN STREET***	***ENE 1/4 - 1/2 (0.275 mi.)***	***V132***	***393***
Spill Number/Closed Date: 1408731 / 2014-12-05 Site ID: 502311 Spill Date: 2014-11-25				
42-55 GOLDEN OWNERS	***42-55 COLDEN ST***	***NE 1/4 - 1/2 (0.283 mi.)***	***V133***	***397***
Spill Number/Closed Date: 9112404 / 1992-03-05 Site ID: 267032 Spill Date: 1992-03-05				
CARLISLE TOWERS #3	42-49 COLDEN ST	NE 1/4 - 1/2 (0.290 mi.)	134	402
Spill Number/Closed Date: 9614962 / 2006-06-29 Site ID: 173881 Spill Date: 1997-03-27				
132-40 SANFORD AVE	132-40 SANFORD AVE	N 1/4 - 1/2 (0.300 mi.)	135	404
Spill Number/Closed Date: 0301843 / 2006-01-24 Site ID: 236990 Spill Date: 2003-05-21				
138-35 ELDER AVE	138-35 ELDER AV	ENE 1/4 - 1/2 (0.301 mi.)	V136	405

Spill Number/Closed Date: 9914745 / 2006-01-30
Site ID: 297789
Spill Date: 2000-03-29

WOODNER HOUSE CONDOS	138-35 ELDER AVE	ENE 1/4 - 1/2 (0.304 mi.)	W137	407
Spill Number/Closed Date: 9913354 / 2003-10-30 Site ID: 179527 Spill Date: 2000-02-24				
UNDER PAVEMENT - TTF	137-31 45TH AVE	ENE 1/4 - 1/2 (0.311 mi.)	X138	408
Spill Number/Closed Date: 1705840 / 2018-01-02 Site ID: 559146 Spill Date: 2017-09-14				
NEW YORK ARMENIAN HO	137-31 45TH AVE	ENE 1/4 - 1/2 (0.311 mi.)	X139	409
Spill Number/Closed Date: 9808448 / 2006-02-03 Site ID: 124492 Spill Date: 1998-10-07				
RESIDENCE	56-49 141ST ST	ESE 1/4 - 1/2 (0.321 mi.)	140	411
Spill Number/Closed Date: 9708735 / 1997-11-14 Site ID: 162602 Spill Date: 1997-10-25				
HOUSING - APT BUILDI	***137-05 FRANKLIN AVE***	***NE 1/4 - 1/2 (0.325 mi.)***	***141***	***412***
Spill Number/Closed Date: 0507471 / 2015-07-24 Site ID: 352895 Spill Date: 2005-09-21				
SPILL NUMBER 0011652	***134-37 MAPLE AVE***	***NNE 1/4 - 1/2 (0.333 mi.)***	***142***	***416***
Spill Number/Closed Date: 0805799 / 2008-08-20 Site ID: 402968 Spill Date: 2008-08-14				
59TH AVE & COLLEGE P	59TH AVE & COLLEGE P	SSW 1/4 - 1/2 (0.336 mi.)	143	425
Spill Number/Closed Date: 9307781 / 1993-09-27 Site ID: 207494 Spill Date: 1993-09-27				
B'NAI B'RITH HOUSING	138-49 ELDER AVENUE	ENE 1/4 - 1/2 (0.337 mi.)	W144	426
Spill Number/Closed Date: 9407745 / 1995-08-29 Spill Number/Closed Date: 9803429 / 2004-10-14 Site ID: 147083 Site ID: 237118 Spill Date: 1994-09-09 Spill Date: 1998-06-17				
43-70 KISSENA BLVD	43-70 KISSENA BLVD	ENE 1/4 - 1/2 (0.345 mi.)	145	429
Spill Number/Closed Date: 9106895 / 2003-03-06 Site ID: 138607 Spill Date: 1991-09-26				
JEFFERSON APARTMENTS	137-40 45TH AVE	ENE 1/4 - 1/2 (0.351 mi.)	X147	433
Spill Number/Closed Date: 0509021 / 2005-10-28 Spill Number/Closed Date: 0508715 / 2008-02-13 Site ID: 354733 Site ID: 354358 Spill Date: 2005-10-27 Spill Date: 2005-10-20				
133-01 SANFORD AVE/Q	133-01 SANFORD AVE	N 1/4 - 1/2 (0.354 mi.)	148	440
Spill Number/Closed Date: 8708774 / 1988-01-14				

Site ID: 265916
Spill Date: 1988-01-14

CARLISLE TOWERS	***43-32 KISSENA BLVD***	***NE 1/4 - 1/2 (0.355 mi.)***	***Y149***	***441***
Spill Number/Closed Date: 9700140 / 1998-09-14 Site ID: 191293 Spill Date: 1997-04-03				
138-10 FRANKLIN AVE	138-10 FRANKLIN AVE	NE 1/4 - 1/2 (0.356 mi.)	150	443
Spill Number/Closed Date: 9107656 / 1991-10-30 Site ID: 197289 Spill Date: 1991-10-17				
CARLYLE COOP SEC A I	***43-10 KISSENA BOULEV***	***NE 1/4 - 1/2 (0.391 mi.)***	***Y151***	***444***
Spill Number/Closed Date: 0109014 / 2002-09-27 Site ID: 293128 Spill Date: 2001-12-10				
41-60 MAIN ST/GREENP	41-60 MAIN ST/GREENP	NNE 1/4 - 1/2 (0.408 mi.)	Z152	449
Spill Number/Closed Date: 9201644 / 1992-07-10 Site ID: 225073 Spill Date: 1992-05-11				
44-59 KISSENA BLVD	44-59 KISSENA BLVD	ENE 1/4 - 1/2 (0.413 mi.)	153	450
Spill Number/Closed Date: 9800166 / 1998-05-01 Site ID: 172033 Spill Date: 1998-04-04				
RESIDENTIAL COMPLEX	60-50 136TH ST	SSE 1/4 - 1/2 (0.422 mi.)	154	452
Spill Number/Closed Date: 0106032 / 2003-09-25 Site ID: 234034 Spill Date: 2001-09-06				
UNDERGROUND TANK	140-11 ASH AVE	NE 1/4 - 1/2 (0.427 mi.)	155	453
Spill Number/Closed Date: 1203356 / 2014-09-05 Site ID: 466168 Spill Date: 2012-07-06				
4165 MAIN ST/QUEENS/	4165 MAIN STREET	NNE 1/4 - 1/2 (0.431 mi.)	Z156	454
Spill Number/Closed Date: 8906199 / 1998-12-11 Site ID: 180982 Spill Date: 1989-09-22				
NEWPORT APARTMENTS I	***42-65 KISSENA BOULEV***	***NE 1/4 - 1/2 (0.436 mi.)***	***157***	***455***
Spill Number/Closed Date: 0406020 / 2005-12-19 Site ID: 211137 Spill Date: 2004-09-01				
142-45 58TH RD	142-45 58TH RD.	SE 1/4 - 1/2 (0.440 mi.)	158	459
Spill Number/Closed Date: 8706577 / 1992-11-19 Site ID: 269431 Spill Date: 1987-11-03				
HOUSING COMPLEX	60-32 138TH ST	SSE 1/4 - 1/2 (0.444 mi.)	159	460
Spill Number/Closed Date: 0106083 / 2006-04-27 Site ID: 281912 Spill Date: 2001-09-07				
APARTMENT BUILDING	42-20 KISSENA BLVD.	NNE 1/4 - 1/2 (0.448 mi.)	AA160	462
Spill Number/Closed Date: 0400258 / 2005-12-30 Site ID: 216455 Spill Date: 2004-04-08				
CLOSED-LACKOF RECENT	130-04 HORACE HARDIN	SSW 1/4 - 1/2 (0.457 mi.)	161	463

Spill Number/Closed Date: 9301662 / 2003-03-14
Site ID: 234374
Spill Date: 1993-05-05

5918 MAIN STREET	5918 MAIN STREET	SE 1/4 - 1/2 (0.461 mi.)	162	465
Spill Number/Closed Date: 9307095 / 1993-09-10 Site ID: 155500 Spill Date: 1993-09-10				
42 KISSENA REALTY	42-02 KISSENA BLVD	NNE 1/4 - 1/2 (0.464 mi.)	AA163	466
Spill Number/Closed Date: 0301177 / 2004-05-25 Site ID: 192738 Spill Date: 2003-05-01				
ST ANNE'S SCHOOL	142-45 58TH RD	SE 1/4 - 1/2 (0.478 mi.)	164	467
Spill Number/Closed Date: 0304122 / 2003-08-28 Site ID: 283115 Spill Date: 2003-07-18				

Lower Elevation	Address	Direction / Distance	Map ID	Page
41-06 DELONG ST/QUEE	***41006 DELONG STREET***	***NNW 1/4 - 1/2 (0.351 mi.)***	***146***	***430***
Spill Number/Closed Date: 8710088 / 2003-03-13 Site ID: 217003 Spill Date: 1988-03-01				
INDUSTRIAL PROPERTY	***40-22 COLLEGE POINT***	***NNW 1/4 - 1/2 (0.492 mi.)***	***165***	***469***
Spill Number/Closed Date: 0606870 / 2006-10-02 Site ID: 370289 Spill Date: 2006-09-14				

State and tribal registered storage tank lists

NY UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database

A review of the NY UST list, as provided by EDR, has revealed that there are 15 NY UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NORTH SHORE TOYOTA	134-37 DAHLIA STREET	ENE 0 - 1/8 (0.104 mi.)	B12	48
Database: UST, Date of Government Version: 03/23/2020				
BP SERVICE STATION #	***49-04 COLLEGE POINT***	***N 0 - 1/8 (0.112 mi.)***	***E22***	***63***
Database: UST, Date of Government Version: 03/23/2020				
42-91 SAULL STREET	42-91 SAULL STREET	NE 1/8 - 1/4 (0.135 mi.)	D42	108
Database: UST, Date of Government Version: 03/23/2020				
134-17 CHERRY AVE.	134-17 CHERRY AVENUE	NE 1/8 - 1/4 (0.142 mi.)	46	114
Database: UST, Date of Government Version: 03/23/2020				
QUEENS BOTANICAL GAR	43-50 MAIN STREET	ENE 1/8 - 1/4 (0.146 mi.)	H51	123
Database: UST, Date of Government Version: 03/23/2020				
MERIT OIL CORP	***56 MAIN ST***	***ESE 1/8 - 1/4 (0.166 mi.)***	***J69***	***157***
Database: UST, Date of Government Version: 03/23/2020				
GARDEN PLAZA MGMT	136-04 CHERRY AVE	ENE 1/8 - 1/4 (0.186 mi.)	I86	229
Database: UST, Date of Government Version: 03/23/2020				

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HOME DEPOT RETAIL ST Database: UST, Date of Government Version: 03/23/2020	131-35 AVERY AVE	NW 1/8 - 1/4 (0.194 mi.)	K89	241
CHERRY LANE OWNERS C Database: UST, Date of Government Version: 03/23/2020	***42-95 MAIN ST***	***NE 1/8 - 1/4 (0.197 mi.)***	***I90***	***246***
NEWYORK-PRESBYTERIAN Database: UST, Date of Government Version: 03/23/2020	***56-45 MAIN STREET***	***ESE 1/8 - 1/4 (0.220 mi.)***	***Q107***	***331***
CRYSTAL WINDOWS Database: UST, Date of Government Version: 03/23/2020	131-40 MAPLE AVE	NNW 1/8 - 1/4 (0.234 mi.)	R115	354
COIDEN HOUSE OWNERS Database: UST, Date of Government Version: 03/23/2020	42-42 COLDEN ST	NE 1/8 - 1/4 (0.236 mi.)	T119	360
THE GLEN Database: UST, Date of Government Version: 03/23/2020	42-60 MAIN STREET	NE 1/8 - 1/4 (0.240 mi.)	O123	367
132-25 MAPLE AVENUE Database: UST, Date of Government Version: 03/23/2020	132-25 MAPLE AVENUE	N 1/8 - 1/4 (0.245 mi.)	P128	383

Lower Elevation	Address	Direction / Distance	Map ID	Page
131-05 FOWLER AVE Database: UST, Date of Government Version: 03/23/2020	***131-05 FOWLER AVENUE***	***NW 1/8 - 1/4 (0.177 mi.)***	***K80***	***216***

NY CBS: These facilities store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size

A review of the NY CBS list, as provided by EDR, and dated 03/23/2020 has revealed that there are 2 NY CBS sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FLUSHING BAY CSO RET Facility Status: Inactive CBS Number: 2-000488	131-40 FOWLER AVE	NNW 0 - 1/8 (0.121 mi.)	G27	89
FLUSHING TIRE LTD. Facility Status: Inactive CBS Number: 2-000437	55-02 MAIN ST.	E 0 - 1/8 (0.123 mi.)	F32	94

NY AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database.

A review of the NY AST list, as provided by EDR, has revealed that there are 14 NY AST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
133-01 BOOTH MEMORIA Database: AST, Date of Government Version: 03/23/2020 Facility Id: 2-611072	133-01 BOOTH MEMORIA	SSE 0 - 1/8 (0.086 mi.)	6	22
BP SERVICE STATION # Database: AST, Date of Government Version: 03/23/2020	***49-04 COLLEGE POINT***	***N 0 - 1/8 (0.112 mi.)***	***E22***	***63***

Facility Id: 2-337862				
FLUSHING TIRE LTD. Database: AST, Date of Government Version: 03/23/2020 Facility Id: 2-608383	55-02 MAIN STREET	E 0 - 1/8 (0.123 mi.)	F31	91
WESTERN BEEF SUPERMA Database: AST, Date of Government Version: 03/23/2020 Facility Id: 2-608162	44-44 COLLEGE POINT	N 1/8 - 1/4 (0.146 mi.)	E49	119
MAPLE CREST GRFEENHO Database: AST, Date of Government Version: 03/23/2020 Facility Id: 2-345032	44-20 COLLEGE POINT	NNW 1/8 - 1/4 (0.180 mi.)	M82	220
BLOSSOM GARDENS APAR Database: AST, Date of Government Version: 03/23/2020 Facility Id: 2-342459	134-39 BLOSSOM AVENU	NE 1/8 - 1/4 (0.203 mi.)	O95	263
NEWYORK-PRESBYTERIAN Database: AST, Date of Government Version: 03/23/2020 Facility Id: 2-091065	***56-45 MAIN STREET***	***ESE 1/8 - 1/4 (0.220 mi.)***	***Q107***	***331***
132-24 MAPLE AVE Database: AST, Date of Government Version: 03/23/2020 Facility Id: 2-296953	132-24 MAPLE AVE	N 1/8 - 1/4 (0.223 mi.)	P110	343
E.E.H. REALTY CORPOR Database: AST, Date of Government Version: 03/23/2020 Facility Id: 2-107379	134-14 FRANKLIN AVE	NNE 1/8 - 1/4 (0.231 mi.)	113	349
132-09 MAPLE AVENUE Database: AST, Date of Government Version: 03/23/2020 Facility Id: 2-296937	132-09 MAPLE AVENUE	N 1/8 - 1/4 (0.237 mi.)	P120	362
132-17 MAPLE AVENUE Database: AST, Date of Government Version: 03/23/2020 Facility Id: 2-296945	132-17 MAPLE AVENUE	N 1/8 - 1/4 (0.243 mi.)	P125	374
132-25 MAPLE AVENUE Database: AST, Date of Government Version: 03/23/2020 Facility Id: 2-358940	132-25 MAPLE AVENUE	N 1/8 - 1/4 (0.245 mi.)	P127	381
NEW COMPLETE AUTO Database: AST, Date of Government Version: 03/23/2020 Facility Id: 2-611776	42-22 HAIGHT STREET	NNW 1/8 - 1/4 (0.248 mi.)	R129	385

Lower Elevation	Address	Direction / Distance	Map ID	Page
131-05 FOWLER AVE Database: AST, Date of Government Version: 03/23/2020 Facility Id: 2-202894	131-05 FOWLER AVENUE	NW 1/8 - 1/4 (0.177 mi.)	K81	218

State and tribal institutional control / engineering control registries

NY ENG CONTROLS: Environmental Remediation sites that have engineering controls in place.

A review of the NY ENG CONTROLS list, as provided by EDR, and dated 02/10/2020 has revealed that there is 1 NY ENG CONTROLS site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
131-05 & 131-15 FOWL Site Code: 499029	***131-11 FOWLER AVENUE***	***NW 1/8 - 1/4 (0.168 mi.)***	***K70***	***169***

Environmental Remediation sites that have institutional controls in place.

A review of the NY INST CONTROL list, as provided by EDR, and dated 02/10/2020 has revealed that there is 1 NY INST CONTROL site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
131-05 & 131-15 FOWL Site Code: 499029	***131-11 FOWLER AVENUE***	***NW 1/8 - 1/4 (0.168 mi.)***	***K70***	***169***

State and tribal Brownfields sites

NY BROWNFIELDS: Brownfields Site List

A review of the NY BROWNFIELDS list, as provided by EDR, and dated 02/10/2020 has revealed that there are 2 NY BROWNFIELDS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
131-05 & 131-15 FOWL Site Code: 506157	131-05 & 131-15 FOWL	NNW 1/8 - 1/4 (0.132 mi.)	G36	100

Lower Elevation	Address	Direction / Distance	Map ID	Page
131-05 & 131-15 FOWL Site Code: 499029	***131-11 FOWLER AVENUE***	***NW 1/8 - 1/4 (0.168 mi.)***	***K70***	***169***

ADDITIONAL ENVIRONMENTAL RECORDS

Records of Emergency Release Reports

NY Spills: Data collected on spills reported to NYSDEC. is required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2 (from CBS regs). It includes spills active as of April 1, 1986, as well as spills occurring since this date.

A review of the NY Spills list, as provided by EDR, and dated 02/07/2020 has revealed that there are 9 NY Spills sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
55-17 137TH STREET Spill Date: 1995-12-04 Spill Number/Closed Date: 9511119 / 1995-12-05 Site ID: 117641	55-17 137TH STREET	E 0 - 1/8 (0.056 mi.)	4	11
QUEENS BOTANICAL GAR	43-50 MAIN ST	ENE 0 - 1/8 (0.080 mi.)	B5	12

Spill Date: 2001-06-19 Spill Number/Closed Date: 0109707 / 2012-01-10 Site ID: 111245				
FLUSHING GARDENS CON Spill Date: 2012-01-10 Spill Number/Closed Date: 1111895 / 2018-01-22 Site ID: 459813	134-05 DAHLIA AVENUE	ENE 0 - 1/8 (0.087 mi.)	B7	24
SPILL NUMBER 0009996 Spill Date: 2000-12-05 Spill Number/Closed Date: 0009996 / 2001-03-20 Site ID: 131179	5645 136TH ST	ESE 0 - 1/8 (0.098 mi.)	8	43
ROADWAY Spill Date: 1996-09-11 Spill Number/Closed Date: 9607499 / 1998-05-27 Site ID: 171875	COLLEGE PT BLVD/BOOT	SSW 0 - 1/8 (0.104 mi.)	C9	44
COLLEGE POINT BLVD. Spill Date: 2004-08-22 Spill Number/Closed Date: 0405599 / 2004-08-23 Site ID: 122582	AT BOOTH MEMORIAL AV	SSW 0 - 1/8 (0.104 mi.)	C10	45
NORTH SHORE TOYOTA Spill Date: 1995-01-31 Spill Number/Closed Date: 9414394 / 2006-04-14 Site ID: 229973	***134-37 DAHLIA STREET***	***ENE 0 - 1/8 (0.104 mi.)***	***B11***	***46***
BP GAS STATION Spill Date: 2014-07-13 Spill Number/Closed Date: 1403965 / 2014-07-17 Site ID: 497341	49-04 COLLEGE POINT	N 0 - 1/8 (0.112 mi.)	E17	55
GAS STATION Spill Date: 2012-05-24 Spill Number/Closed Date: 1201836 / 2012-06-11 Site ID: 464571	55-02 MAIN ST	E 0 - 1/8 (0.119 mi.)	F26	87

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 03/23/2020 has revealed that there are 28 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON EPA ID:: NYP004805719	56-44 COLLEGE PT BLV	W 0 - 1/8 (0.028 mi.)	A1	8
CON EDISON EPA ID:: NYP004738670	***56-44 COLLEGE PT BLV***	***W 0 - 1/8 (0.028 mi.)***	***A2***	***8***
CON EDISON SERVICE B	***42-69 CROMMELIN AVE***	***NNE 1/8 - 1/4 (0.127 mi.)***	***33***	***94***

EPA ID:: NYP004331880				
CON EDISON SERVICE B EPA ID:: NYP004330247	***42-88 SAULL ST***	***NE 1/8 - 1/4 (0.133 mi.)***	***D37***	***101***
CON EDISON EPA ID:: NYP004808038	MAIN ST & PECK AVE	E 1/8 - 1/4 (0.133 mi.)	F39	105
CON EDISON EPA ID:: NYP004815847	44-41 COLLEGE POINT	N 1/8 - 1/4 (0.140 mi.)	E44	111
CON EDISON GAS DRIP EPA ID:: NYP004239768	MAIN ST & ELDER AV	ENE 1/8 - 1/4 (0.146 mi.)	H52	126
CON EDISON SERVICE B EPA ID:: NYP004567723	***44-37 COLLEGE POINT***	***N 1/8 - 1/4 (0.148 mi.)***	***E58***	***137***
CON EDISON SERVICE B EPA ID:: NYP004340790	***43-08 MAIN ST FRONT***	***ENE 1/8 - 1/4 (0.157 mi.)***	***I60***	***139***
SUNOCO SERVICE STATI EPA ID:: NYD089723167	***43-25 MAIN ST***	***ENE 1/8 - 1/4 (0.159 mi.)***	***H62***	***143***
CON EDISON SERVICE B EPA ID:: NYP004330056	***43-45 MAIN ST***	***ENE 1/8 - 1/4 (0.161 mi.)***	***H64***	***148***
S S PREMISES C-O SHE EPA ID:: NYD981184468	***4345 MAIN ST***	***ENE 1/8 - 1/4 (0.161 mi.)***	***H65***	***150***
CON EDISON SERVICE B EPA ID:: NYP004330171	***43-35 MAIN ST***	***ENE 1/8 - 1/4 (0.162 mi.)***	***H67***	***153***
MERIT OIL CORP EPA ID:: NYD982185894	***56 MAIN ST***	***ESE 1/8 - 1/4 (0.166 mi.)***	***J69***	***157***
CON EDISON SERVICE B EPA ID:: NYP004341475	***43-45A MAIN ST FRONT***	***ENE 1/8 - 1/4 (0.168 mi.)***	***H71***	***200***
CON EDISON SERVICE B EPA ID:: NYP004331963	***SAULL ST & BLOSSOM A***	***NE 1/8 - 1/4 (0.168 mi.)***	***L73***	***203***
DIAMOND POINT EXCAVA EPA ID:: NYR000095877	***134-32 57TH AVE***	***SSE 1/8 - 1/4 (0.180 mi.)***	***83***	***222***
AMERICAN BAKERIES EPA ID:: NYD156101750	***131-33 AVERY AVENUE***	***NW 1/8 - 1/4 (0.199 mi.)***	***N91***	***251***
CON EDISON SERVICE B EPA ID:: NYP004327094	***44-10 COLLEGE PT BLV***	***NNW 1/8 - 1/4 (0.200 mi.)***	***M92***	***256***
CON EDISON SERVICE B EPA ID:: NYP004327268	***44-05 COLLEGE PT BLV***	***N 1/8 - 1/4 (0.206 mi.)***	***M96***	***265***
CON EDISON SERVICE B EPA ID:: NYP004327102	***44-05 COLLEGE PT BLV***	***N 1/8 - 1/4 (0.206 mi.)***	***M97***	***268***
V7476 EPA ID:: NYP004036695	***56-45 MAIN STREET***	***ESE 1/8 - 1/4 (0.220 mi.)***	***Q104***	***283***
CON EDISON EPA ID:: NYP004746228	***58TH AVE & LAWRENCE***	***SSW 1/8 - 1/4 (0.234 mi.)***	***S117***	***357***
CON EDISON SERVICE B EPA ID:: NYP004573259	***42-24 COLLEGE PT BLV***	***NNW 1/8 - 1/4 (0.240 mi.)***	***U122***	***366***

Lower Elevation	Address	Direction / Distance	Map ID	Page
ENOVATION GRAPHIC SY	131-27 FOWLER AVE	NW 1/8 - 1/4 (0.145 mi.)	G47	116

EPA ID:: NYR000121327				
131-05 HOLDING LLC EPA ID:: NYR000219527	***131-05 & 131-15 FOWL***	***NW 1/8 - 1/4 (0.158 mi.)***	***G61***	***141***
NYCDEP FLUSHING BAY EPA ID:: NYR000013680	***131-01 FOWLER AVE***	***NW 1/8 - 1/4 (0.202 mi.)***	***K94***	***259***
CON EDISON SERVICE B EPA ID:: NYP004330239	***130-11 58TH AVE***	***SSW 1/8 - 1/4 (0.233 mi.)***	***114***	***351***

NY E DESIGNATION: Lots designation with an ?E? on the Zoning Maps of the City of New York for potential hazardous material contamination, air and/or noise quality impacts.

A review of the NY E DESIGNATION list, as provided by EDR, and dated 02/27/2020 has revealed that there are 6 NY E DESIGNATION sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LOT 1,TAXBLOCK 5076	49-04 COLLEGE POINT	N 0 - 1/8 (0.111 mi.)	E15	54
LOT 5,TAXBLOCK 5076	131-59 FOWLER AVENUE	NNW 0 - 1/8 (0.111 mi.)	E16	54
LOT 7,TAXBLOCK 5076	131-57 FOWLER AVENUE	NNW 0 - 1/8 (0.115 mi.)	E24	86
LOT 9,TAXBLOCK 5076	FOWLER AVENUE	NNW 0 - 1/8 (0.119 mi.)	E25	86
LOT 67,TAXBLOCK 5076	131-62 AVERY AVENUE	NNW 0 - 1/8 (0.121 mi.)	E28	89
LOT 11,TAXBLOCK 5076	FOWLER AVENUE	NNW 0 - 1/8 (0.121 mi.)	E29	90

NY MANIFEST: Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

A review of the NY MANIFEST list, as provided by EDR, and dated 01/01/2019 has revealed that there are 46 NY MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON EPA ID: NYP004805719	56-44 COLLEGE PT BLV	W 0 - 1/8 (0.028 mi.)	A3	10
CON EDISON EPA ID: NYP004335410	42-97 CROMMELIN AVE	NE 0 - 1/8 (0.109 mi.)	D13	51
BP PRODUCTS NORTH AM EPA ID: NYR000209064	***4904 COLLEGE POINT B***	***N 0 - 1/8 (0.112 mi.)***	***E19***	***58***
CON EDISON SERVICE B EPA ID: NYP004331880	***42-69 CROMMELIN AVE***	***NNE 1/8 - 1/4 (0.127 mi.)***	***33***	***94***
131-05 HOLDING LLC EPA ID: NYR000219527	131-05 & 131-15 FOWL	NNW 1/8 - 1/4 (0.132 mi.)	G35	98
CON EDISON SERVICE B EPA ID: NYP004330247	***42-88 SAULL ST***	***NE 1/8 - 1/4 (0.133 mi.)***	***D37***	***101***
CON EDISON - SERVICE EPA ID: NYP004993414	PECK AVE & MAIN ST	E 1/8 - 1/4 (0.133 mi.)	F40	107
CON ED EPA ID: NYP004808038	MAIN ST & PECK AVE	E 1/8 - 1/4 (0.133 mi.)	F41	107
CON ED EPA ID: NYP004815847	44-41 COLLEGE POINT	N 1/8 - 1/4 (0.140 mi.)	E43	110
CONSOLIDATED EDISON	MAIN ST & ELDER AVE	ENE 1/8 - 1/4 (0.146 mi.)	H54	131

EPA ID: NYP004239768				
CON EDISON EPA ID: NYP004331336	ELDER AVE	ENE 1/8 - 1/4 (0.146 mi.)	H56	134
CON EDISON EPA ID: NYP004567723	44-37 COLLEGE POINT	N 1/8 - 1/4 (0.148 mi.)	E57	135
CON EDISON SERVICE B EPA ID: NYP004340790	***43-08 MAIN ST FRONT***	***ENE 1/8 - 1/4 (0.157 mi.)***	***I60***	***139***
CON EDISON SERVICE B EPA ID: NYP004330056	***43-45 MAIN ST***	***ENE 1/8 - 1/4 (0.161 mi.)***	***H64***	***148***
SHELL OIL COMPANY EPA ID: NYD981184468	4345 MAIN ST	ENE 1/8 - 1/4 (0.161 mi.)	H66	152
CON EDISON SERVICE B EPA ID: NYP004330171	***43-35 MAIN ST***	***ENE 1/8 - 1/4 (0.162 mi.)***	***H67***	***153***
CON EDISON EPA ID: NYP004434249	43-23 MAIN ST	ENE 1/8 - 1/4 (0.164 mi.)	H68	156
MERIT OIL CORP EPA ID: NYD982185894	***56 MAIN ST***	***ESE 1/8 - 1/4 (0.166 mi.)***	***J69***	***157***
CON EDISON SERVICE B EPA ID: NYP004341475	***43-45A MAIN ST FRONT***	***ENE 1/8 - 1/4 (0.168 mi.)***	***H71***	***200***
CON EDISON SERVICE B EPA ID: NYP004331963	***SAULL ST & BLOSSOM A***	***NE 1/8 - 1/4 (0.168 mi.)***	***L73***	***203***
CON EDISON EPA ID: NYP004805362	SAUL ST & BLOSSOM AV	NE 1/8 - 1/4 (0.168 mi.)	L75	207
CON EDISON EPA ID: NYP004805354	SAUL ST & BLOSSOM AV	NE 1/8 - 1/4 (0.168 mi.)	L76	208
CON EDISON - MANHOLE EPA ID: NYP004334702	***44-27 COLLEGE POINT***	***N 1/8 - 1/4 (0.169 mi.)***	***M77***	***210***
HOME DEPOT USA INC H EPA ID: NYR000015974	***131-35 AVERY AVE***	***NW 1/8 - 1/4 (0.194 mi.)***	***K88***	***234***
AMERICAN BAKERIES EPA ID: NYD156101750	***131-33 AVERY AVENUE***	***NW 1/8 - 1/4 (0.199 mi.)***	***N91***	***251***
CON EDISON SERVICE B EPA ID: NYP004327094	***44-10 COLLEGE PT BLV***	***NNW 1/8 - 1/4 (0.200 mi.)***	***M92***	***256***
CON EDISON - SERVICE EPA ID: NYP005225511	136-28 BOOTH MEMORIA	SE 1/8 - 1/4 (0.202 mi.)	93	258
CON EDISON SERVICE B EPA ID: NYP004327268	***44-05 COLLEGE PT BLV***	***N 1/8 - 1/4 (0.206 mi.)***	***M96***	***265***
CON EDISON SERVICE B EPA ID: NYP004327102	***44-05 COLLEGE PT BLV***	***N 1/8 - 1/4 (0.206 mi.)***	***M97***	***268***
CONSOLIDATED EDISON EPA ID: NYP004123378	***131-33 AVERY AVE***	***NW 1/8 - 1/4 (0.207 mi.)***	***N98***	***270***
CON EDISON EPA ID: NYP004640793	F/O 132-18 MAPLE AVE	N 1/8 - 1/4 (0.216 mi.)	P102	281
CON EDISON - SERVICE EPA ID: NYP005224407	56-45 MAIN ST	ESE 1/8 - 1/4 (0.220 mi.)	Q103	283
V7476	***56-45 MAIN STREET***	***ESE 1/8 - 1/4 (0.220 mi.)***	***Q104***	***283***

EPA ID: NYP004036695				
NEW YORK HOSPITAL QU EPA ID: NYD072744592	***56-45 MAIN ST***	***ESE 1/8 - 1/4 (0.220 mi.)***	***Q106***	***287***
CON EDISON EPA ID: NYP004640801	F/O 132-24 MAPLE AVE	N 1/8 - 1/4 (0.223 mi.)	P109	342
CON EDISON EPA ID: NYP004590949	FO 132-30 MAPLE AVE	N 1/8 - 1/4 (0.230 mi.)	P111	346
CON EDISON EPA ID: NYP004640819	F/O 132-30 MAPLE AVE	N 1/8 - 1/4 (0.230 mi.)	P112	348
CON EDISON EPA ID: NYP004746228	58TH AVE & LAWRENCE	SSW 1/8 - 1/4 (0.234 mi.)	S118	358
CON EDISON EPA ID: NYP004573259	42-24 COLLEGE PT BLV	NNW 1/8 - 1/4 (0.240 mi.)	U121	365
CON EDISON EPA ID: NYP004590980	FO 132-44 MAPLE AVE	N 1/8 - 1/4 (0.241 mi.)	124	372
JIMMY CHIU AUTO REPA EPA ID: NYR000105502	***42-44 HAIGHT ST***	***NNW 1/8 - 1/4 (0.244 mi.)***	***R126***	***377***

Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
CON EDISON EPA ID: NYP004738670	56-05 COLLEGE PT BLV	SSW 1/8 - 1/4 (0.129 mi.)	C34	97
BERNARD SCHARF EPA ID: NYP000858969	***131-27 FOWLER AVENUE***	***NW 1/8 - 1/4 (0.145 mi.)***	***G48***	***117***
NYCDEP FLUSHING BAY EPA ID: NYR000013680	***131-01 FOWLER AVE***	***NW 1/8 - 1/4 (0.202 mi.)***	***K94***	***259***
AVERY GROUP LLC & WI EPA ID: NYR000234716	131-10 AVERY AVE	NW 1/8 - 1/4 (0.215 mi.)	K101	280
CON EDISON SERVICE B EPA ID: NYP004330239	***130-11 58TH AVE***	***SSW 1/8 - 1/4 (0.233 mi.)***	***114***	***351***

PA MANIFEST: Hazardous waste manifest information.

A review of the PA MANIFEST list, as provided by EDR, and dated 06/30/2018 has revealed that there are 2 PA MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
HOME DEPOT USA INC S Generator EPA Id: NYR000015974	131-35 AVERY AVENUE	NNW 1/8 - 1/4 (0.153 mi.)	59	138
NEW YORK HOSPITAL ME Generator EPA Id: NYD072744592	56-45 MAIN STREET	ESE 1/8 - 1/4 (0.220 mi.)	Q108	340

NJ MANIFEST: Hazardous waste manifest information.

A review of the NJ MANIFEST list, as provided by EDR, and dated 12/31/2018 has revealed that there are 9 NJ MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BP PRODUCTS NORTH AM EPA Id: NYR000209064	4904 COLLEGE POINT B	N 0 - 1/8 (0.112 mi.)	E20	61
CON EDISON EPA Id: NYP004808038	MAIN ST & PECK AVE	E 1/8 - 1/4 (0.133 mi.)	F38	104
CON EDISON EPA Id: NYP004815847	44-41 COLLEGE POINT	N 1/8 - 1/4 (0.140 mi.)	E45	112
CON EDISON GAS DRIP EPA Id: NYP004239768	MAIN ST & ELDER AVE	ENE 1/8 - 1/4 (0.146 mi.)	H53	128
CON EDISON EPA Id: NYP004805362	SAUL ST & BLOSSOM AV	NE 1/8 - 1/4 (0.168 mi.)	L72	202
CON EDISON EPA Id: NYP004805354	SAUL ST & BLOSSOM AV	NE 1/8 - 1/4 (0.168 mi.)	L74	206
HOME DEPOT USA INC H EPA Id: NYR000015974	***131-35 AVERY AVE***	***NW 1/8 - 1/4 (0.194 mi.)***	***K88***	***234***
NEW YORK HOSPITAL QU EPA Id: NYD072744592	***56-45 MAIN ST***	***ESE 1/8 - 1/4 (0.220 mi.)***	***Q106***	***287***
CON EDISON EPA Id: NYP004746228	58TH AVE & LAWRENCE	SSW 1/8 - 1/4 (0.234 mi.)	S116	356

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Auto: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 2 EDR Hist Auto sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TONG KIM INC	49-04 COLLEGE POINT	N 0 - 1/8 (0.112 mi.)	E21	62
M & N AUTO REPAIR CR	5502 MAIN ST	E 0 - 1/8 (0.123 mi.)	F30	90

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 1 records.

Site Name	Database(s)
FLUSHING INDUSTRIAL PARK	NY ENG CONTROLS, NY INST CONTROL, NY VCP, NY BROWNFIELDS

OVERVIEW MAP - 6102101.2S

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	QBG	CLIENT:	AKRF, Inc.
ADDRESS:	Main St Flushing NY 11355	CONTACT:	Neoma Chefalo
LAT/LONG:	40.749753 / 73.832084	INQUIRY #:	6102101.2s
		DATE:	June 24, 2020 11:32 am

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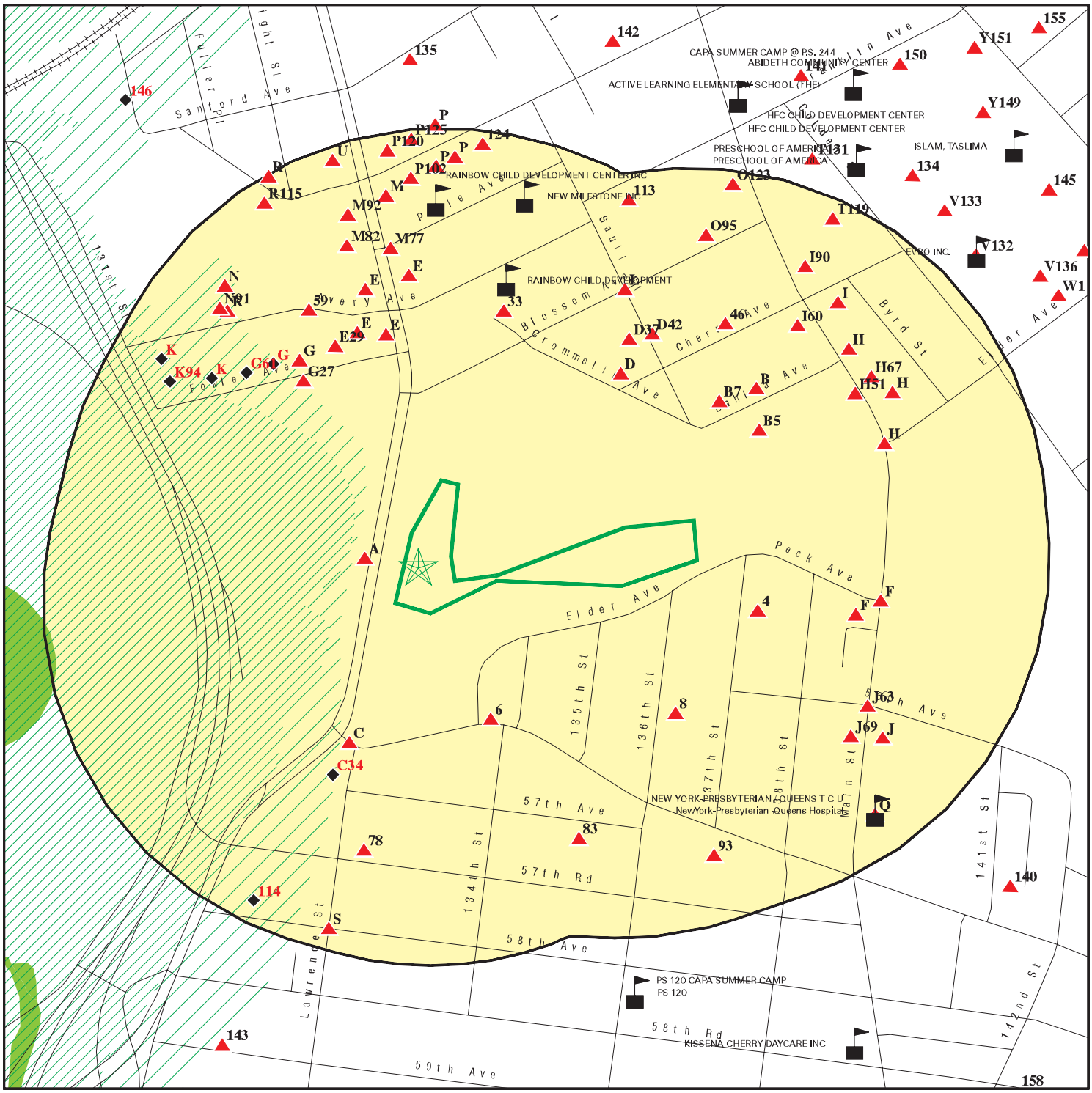
DETAIL MAP - 6102101.2S



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: QBG	CLIENT: AKRF, Inc.
ADDRESS: Main St Flushing NY 11355	CONTACT: Neoma Chefalo
LAT/LONG: 40.749753 / 73.832084	INQUIRY #: 6102101.2s DATE: June 24, 2020 11:34 am

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		1	4	NR	NR	NR	5
RCRA-SQG	0.250		1	1	NR	NR	NR	2
RCRA-VSQG	0.250		1	2	NR	NR	NR	3
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent CERCLIS								
NY SHWS	1.000		0	1	0	1	NR	2
State and tribal landfill and/or solid waste disposal site lists								
NY SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
INDIAN LUST	0.500		0	0	0	NR	NR	0
NY LTANKS	0.500		2	8	36	NR	NR	46
NY HIST LTANKS	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NY UST	0.250		2	13	NR	NR	NR	15
NY CBS UST	0.250		0	0	NR	NR	NR	0
NY MOSF UST	0.500		0	0	0	NR	NR	0
NY CBS	0.250		2	0	NR	NR	NR	2
NY MOSF	0.500		0	0	0	NR	NR	0
NY AST	0.250		3	11	NR	NR	NR	14
NY CBS AST	0.250		0	0	NR	NR	NR	0
NY MOSF AST	0.500		0	0	0	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
NY TANKS	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
NY RES DECL	0.125		0	NR	NR	NR	NR	0
NY ENG CONTROLS	0.500		0	1	0	NR	NR	1
NY INST CONTROL	0.500		0	1	0	NR	NR	1
State and tribal voluntary cleanup sites								
NY VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
NY BROWNFIELDS	0.500		0	2	0	NR	NR	2
NY ERP	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
NY SWTIRE	0.500		0	0	0	NR	NR	0
NY SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
NY DEL SHWS	1.000		0	0	0	0	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
NY PFAS	0.500		0	0	0	NR	NR	0
Local Lists of Registered Storage Tanks								
NY HIST UST	0.250		0	0	NR	NR	NR	0
NY HIST AST	TP		NR	NR	NR	NR	NR	0
Local Land Records								
NY LIENS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
NY Spills	0.125		9	NR	NR	NR	NR	9
NY Hist Spills	0.125		0	NR	NR	NR	NR	0
NY SPILLS 90	0.125		0	NR	NR	NR	NR	0
NY SPILLS 80	0.125		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		2	26	NR	NR	NR	28
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
NY AIRS	TP		NR	NR	NR	NR	NR	0
NY COAL ASH	0.500		0	0	0	NR	NR	0
NY DRYCLEANERS	0.250		0	0	NR	NR	NR	0
NY E DESIGNATION	0.125		6	NR	NR	NR	NR	6

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NY Financial Assurance	TP		NR	NR	NR	NR	NR	0
NY HSWDS	0.500		0	0	0	NR	NR	0
NY MANIFEST	0.250		3	43	NR	NR	NR	46
PA MANIFEST	0.250		0	2	NR	NR	NR	2
NJ MANIFEST	0.250		1	8	NR	NR	NR	9
NY SPDES	TP		NR	NR	NR	NR	NR	0
NY VAPOR REOPENED	0.500		0	0	0	NR	NR	0
NY UIC	TP		NR	NR	NR	NR	NR	0
NY COOLING TOWERS	TP		NR	NR	NR	NR	NR	0
MINES MRDS	TP		NR	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		2	NR	NR	NR	NR	2
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
NY RGA HWS	TP		NR	NR	NR	NR	NR	0
NY RGA LF	TP		NR	NR	NR	NR	NR	0
- Totals --		0	35	123	36	1	0	195

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1
West
< 1/8
0.028 mi.
149 ft.

CON EDISON
56-44 COLLEGE PT BLVD
FLUSHING, NY 11355

RCRA NonGen / NLR

1019905086
NYP004805719

Site 1 of 3 in cluster A

Relative:
Higher

Actual:
19 ft.

RCRA NonGen / NLR:

Date form received by agency:	2015-07-13 00:00:00.0
Facility name:	CON EDISON
Facility address:	56-44 COLLEGE PT BLVD FLUSHING, NY 11355
EPA ID:	NYP004805719
Mailing address:	IRVING PL 15TH FL NE NEW YORK, NY 10003
Contact:	THOMAS TEELING
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	212-460-3770
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	2015-07-13 00:00:00.0
Site name:	CON EDISON
Classification:	Small Quantity Generator

Violation Status: No violations found

A2
West
< 1/8
0.028 mi.
149 ft.

CON EDISON
56-44 COLLEGE PT BLVD
FLUSHING, NY 11355

RCRA NonGen / NLR
FINDS
ECHO

1018279071
NYP004738670

Site 2 of 3 in cluster A

Relative:
Higher

Actual:
19 ft.

RCRA NonGen / NLR:

Date form received by agency:	2015-02-25 00:00:00.0
Facility name:	CON EDISON
Facility address:	56-05 COLLEGE PT BLVD FLUSHING, NY 11355
EPA ID:	NYP004738670

CON EDISON (Continued) **1018279071**

Mailing address: IRVING PL, 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-460-3770
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2015-02-25 00:00:00.0
Site name: CON EDISON
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:
Registry ID: 110067685678

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1018279071
Registry ID: 110067685678
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110067685678
Name: CON EDISON
Address: 56-44 COLLEGE PT BLVD

CON EDISON (Continued) **1018279071**

City,State,Zip: FLUSHING, NY 11355

A3 **CON EDISON** **NY MANIFEST** **S119076436**
West **56-44 COLLEGE PT BLVD** **N/A**
< 1/8 **FLUSHING, NY 11355**
0.028 mi.
149 ft. **Site 3 of 3 in cluster A**

Relative:
Higher

Actual:
19 ft.

NY MANIFEST:

Name:	CON EDISON
Address:	56-44 COLLEGE PT BLVD
City,State,Zip:	FLUSHING, NY 11355
Country:	USA
EPA ID:	NYP004805719
Facility Status:	Not reported
Location Address 1:	5644 HOLLIS COURT BLVD
Code:	BP
Location Address 2:	SB 60234
Total Tanks:	Not reported
Location City:	QUEENS
Location State:	NY
Location Zip:	Not reported
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004805719
Mailing Name:	CON EDISON
Mailing Contact:	DENNIS HUACON
Mailing Address 1:	4 IRVING PL 15TH FL
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2015
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	07/13/2015
Trans1 Recv Date:	07/13/2015
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	07/15/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004805719
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	014466804JJK
Import Indicator:	N
Export Indicator:	N

CON EDISON (Continued) **S119076436**

Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	1000
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D003
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

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4 **55-17 137TH STREET** **NY Spills** **S103272750**
East **55-17 137TH STREET** **N/A**
< 1/8 **FLUSHING, NY**
0.056 mi.
295 ft.

Relative: **Higher**

Actual: **44 ft.**

SPILLS:

Name:	55-17 137TH STREET
Address:	55-17 137TH STREET
City,State,Zip:	FLUSHING, NY
Spill Number/Closed Date:	9511119 / 1995-12-05
Facility ID:	9511119
Facility Type:	ER
DER Facility ID:	102322
Site ID:	117641
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	4101
Spill Date:	1995-12-04
Investigator:	GUTIERREZ
Referred To:	Not reported
Reported to Dept:	1995-12-05
CID:	266
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False

55-17 137TH STREET (Continued) **S103272750**

Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1995-12-05
Spill Record Last Update:	1995-12-06
Spiller Name:	Not reported
Spiller Company:	JOHN LIBRETTI
Spiller Address:	55-17 137TH STREET
Spiller Company:	001
Contact Name:	JOHN LIBRETTI
DEC Memo:	""
Remarks:	"HOLE IN FUEL LINE. ONTO CONCRETE BASEMENT FLOOR. LINE REPLACED. SPILL CLEANED UP."

All Materials:

Site ID:	117641
Operable Unit ID:	1021659
Operable Unit:	01
Material ID:	358472
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	G
Recovered:	1.00
Oxygenate:	Not reported

B5 **QUEENS BOTANICAL GARDEN** **NY Spills** **S106000255**
ENE **43-50 MAIN ST** **N/A**
< 1/8 **QUEENS, NY**
0.080 mi.
420 ft. **Site 1 of 4 in cluster B**

Relative: Higher
Actual: 19 ft.

SPILLS:

Name:	QUEENS BOTANICAL GARDEN
Address:	43-50 MAIN ST
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	0109707 / 2012-01-10
Facility ID:	0109707
Facility Type:	ER
DER Facility ID:	97308
Site ID:	111245
DEC Region:	2
Spill Cause:	Other
Spill Class:	B3
SWIS:	4101
Spill Date:	2001-06-19
Investigator:	RVKETANI
Referred To:	Not reported
Reported to Dept:	2002-01-07
CID:	365
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Other
Cleanup Ceased:	Not reported

QUEENS BOTANICAL GARDEN (Continued) **S106000255**

Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2002-01-07
Spill Record Last Update:	2012-01-26
Spiller Name:	JOHN GEARRITY
Spiller Company:	QUEENS BOTANICAL GARDEN
Spiller Address:	43-50 MAIN ST
Spiller Company:	999
Contact Name:	JOHN GEARRITY
DEC Memo:	"Austin - 9/30/09 - Spill project assignment transferred from Albany staff to Vought, for further review and action. - end 6/11/10-Vought-Spill transferred from DEC Vought to DEC Ketani as per DEC Austin and Vought transfer to Section A. 7/15/10 - Raphael Ketani. The spill involved the discovery of oil contaminated soil at the Queens Botanical Gardens on 6/19/01. The spill wasn't called in until 1/7/02. The caller was Nelson Abrams of Metcalf & Eddy of NY (908) 437-7069. It's believed to be a historical spill. PBS registration #2-604279 shows a 3,000 gal. tank that had #2 oil and was closed in place on 3/1/01, and a 500 gal. tank that had #2 oil and was closed on 2/20/01. There are no tank testing dates and no E-docs. The address for the site is 43-50 Main, Flushing, NY, 11355. Susan Lacerte is the Executive Director at (718) 886-3800, ext 205. I tried to contact Ms. Lacerte (la-ser-tee), but could only leave a message. I sent a letter to Ms. Lacerte requesting documentation regarding the cleanup of the contamination. 7/16/10 - Raphael Ketani. Ms. Lacerte called me back. She said that she remembered investigative work being done regarding the tanks. However, she didn't remember being told there had been a spill. She thought that everything was alright and that nothing more needed to be done. I told her that the DEC never received an investigation report. She said that she will check with her head of maintenance, Peter, regarding the existence of an investigation report for the tank work. She asked what the next step would be if there is no report. I told her that a new investigation would have to take place. I asked her who would contract for such an investigation. She said that the Queens Botanical Gardens (QBG) does all of its own operations work. I told her that the DEC will grant a deadline of August 27 for QBG to send the DEC the 2001 report or for a new investigation to start. She said that she will get back to me later. 8/3/10 - Raphael Ketani. Peter Sansone (head of maintenace) of the Queens Botanical Gardens (718) 886-3800, ext 210/cell (516) 473-6124 called and asked what the Garden needed to do in order to resolve the spill. I told him that the DEC needed the documents showing that the spill was cleaned up or else a new investigation would have to take place. Mr. Sansone asked where the site was. I told him that the DEC was never told exactly where the oil contamination was found, but that the party who called it in stated that this was a historical spill. Mr. Sansone said that he remembered contamination being found many years ago when the soil was being tested before putting up the new administration building. I told Mr. Sansone that this would most likely be the location. He said that he will contact the DDC and see whether they have any records or whether they can fund a new investigation. I told him that would be fine. Mr. Sansone asked for an extension of the deadline. I told him that the DEC will give the Garden until September 3, 2010 to submit a

QUEENS BOTANICAL GARDEN (Continued) **S106000255**

work plan or the necessary documents showing that the contamination was cleaned up. He said that he will get right on this matter. 8/19/10 - Raphael Ketani. I had received a voice message from Jeremy Lockerd of the DDC (718) 391-2831 stating that he thought he had found the documents for the remediation work that had taken place at the Queens Botanical Garden many years back. He suggested I contact Mr. Sansone and have him order that copies of the documents be sent to the DEC. I tried contacting Mr. Sansone, but I could only leave a message. 8/24/10 - Raphael Ketani. Mr. Sansone had sent me four documents by e-mail that he believed addressed the Departments request for information about the spill. They were an excavation plan, a material handling plan, and the health and safety plan with appendices. I reviewed the documents. These documents didn't contain information regarding the soil analytical data, soil manifests, or soil end point results. Therefore, the information indicating that the remediation had been conducted was still missing. I sent Mr. Sansone an e-mail indicating that the information was not present in the plans. 8/26/10 - Raphael Ketani. Mr. Sansone (718) 886-3800, ext 210/cell (516) 473-6124 called. He said that he will look through the many document storage boxes that are at the Garden. He said that this will take him time. I told him to take the time he needs. I added that his contact at the DDC should also look in the storage boxes they have. Lastly, I told Mr. Sansone that if no one can find the soil manifests and the soil end point results, then the DEC will require that a new investigation take place. 8/30/10 - Raphael Ketani. Mr. Sansone sent me 18 pdf files containing copies of soil disposal manifests. The soil excavation was supervised by the Allied Environmental Group and the soil was sent to Clean Earth of Carteret, NJ. Many hundred of tons of contaminated soil were removed during June of 2005 (over 177 tons; see E-docs). 11/19/10 - Raphael Ketani. I tried to contact Mr. Sansone regarding having soil borings performed in the former excavation area, but I could only leave a message. 11/22/10 - Raphael Ketani. I tried to contact Mr. Sansone (san-sown) (718) 886-3800, ext 210/cell (516) 473-6124, but I could only leave a message. 12/9/10 - Raphael Ketani. I spoke to Mr. Sansone. He said that they are still trying to find the boxes with the soil end point analytical data. He said that since this was a DDC project, Anthony of the DDC is helping him look for the data. Mr. Sansone said that by no means did he forget about looking for the data. I told Mr. Sansone that was fine and to keep looking. 1/31/11 - Raphael Ketani. I tried to contact Mr. Sansone (718) 886-3800, ext 210/cell (516) 473-6124, but I could only leave a message. The message stated that the DEC has not received documentation regarding the original remediation of the site. So we are requesting that a soil investigation take place. 2/11/11 - Raphael Ketani. At the request of Randall Austin, Chief of the Spills Unit, I tried to contact the consulting companies that were involved in the original remediation effort. The purpose of trying to contact them was to obtain information regarding whether enough soil had been removed to alleviate the gross contamination. I contacted Nelson Abrams of Metcalf & Eddy (now AECOM (212) 798-8500). He read some notes from his records to me and told me that Metcalf & Eddy simply discovered the spill. He said that Metcalf & Eddy didn't do remediation work for the Queens Botanical Gardens or the NYC DDC. Next, I tried to contact the Allied Environmental Group (516) 867-6452 (now called Clean Earth). I spoke to Mr. Hershlowitz, the sales manager. He said that Allied never was an engineering/remediation company. He said that

QUEENS BOTANICAL GARDEN (Continued) **S106000255**

they just handled the transportation of contaminated soil. Mr. Heshkowitz added that they didn't have any records going back to 2002. Lastly, I contacted Stonewall Contracting (718) 460-3300. I spoke to a man who answered the phone. He said that Lynn Narain x24 was handling the Queens Botanical Gardens project. I could only leave a voice mail for Ms. Narain. 2/14/11 - Raphael Ketani. I made contact with Ms. Narain. She said that the project was completed and closed out long ago. She added that any records that were generated were submitted to the DDC. I went to a NYC government website and looked through old aerial photos of the Gardens. None of the photos showed any signs of where the area of remediation might have been. I have run out of resources to determine whether any residual contamination still exists at the site. So, I am waiting for Ms. Lacerte to send the investigation work plan. 2/15/11 - Raphael Ketani. I tried to contact Mr. Sansone (718) 886-3800, ext 210/cell (516) 473-6124 and Ms. Lacerte (718) 886-3800, ext 205, but I could only leave messages that the DEC still wanted an investigation to be performed as per our 1/31/11 letter. 2/18/11 - Raphael Ketani. I spoke to Ms. Lacerte. She said that she received the voice message. She said that the DDC has been working diligently to find the necessary documentation, but they just didn't find everything that the DEC needed. She said that she will be out on vacation, but she will return on March 1. I sent her a letter by hard copy and by e-mail (slacerte@queensbotanical.org) stating that the DEC is requesting that a soil investigation take place and that a work plan be submitted by March 18, 2011. 3/10/11 - Raphael Ketani. Anthony Sigona of the NYC DDC (718) 391-1429/FAX (718) 391-1497 called me and said that he has been assigned the task of looking for the documentation that pertains to the Queens Botanical Gardens excavation. He said that the excavation was done prior to building the administrative building on the site. He asked for a copy of the spill report and I sent him the first page. Later, Mr. Sigona sent me the January 2002 Metcalf and Eddy Limited Subsurface Investigation Report. I reviewed the report. In the report, it is stated that spill #0109707 was called in as a result of the discovery of oil in the subsurface. So, this is a report pertaining to this spill incident. Borings B-7, B-8 and B-10 had significant soil contamination. B-7: non-detect for all VOCs, except 133,000 ppb for naphthalene; 7 SVOCs in the high tens of thousands of ppbs, 3 SVOCs well over 100,000 ppb. B-8: 12,170 ppb total xylenes, 11,800 ppb 1,2,4-trimethylbenzene, 4500 ppb 1,3,5-trimethylbenzene, 3500 ppb ethylbenzene, 470 benzene; no significant SVOC hits. B-10: no VOCs; 5 SVOCs 10,500 to 22,300 ppb. There were only two groundwater wells and only two samples taken. No VOC or SVOC hits were detected. However, there was very little groundwater to sample and the testing methods were not 8021 or 8270. 3/16/11 - Raphael Ketani. Today I received a CD by hand delivery containing many documents, including subsurface investigation reports, regarding the site. I began my reivew of the documents that I had not previously received. 3/18/11 - Raphael Ketani. Amongst the newly received documents was the 1/31/02 Emteque Corporation Subsurface Investigation Report for the site which later contained the administrative building. The soil analyses for borings SB-1 to SB-3, SB-9 and SB-11 had results for VOCs and SVOCs that not only exceeded the CP-51 limits, but were very high. I spoke to Mr. Sigona about the reports and the analytical results that they contained. I asked him whether end point samples had ever been taken. Mr. Sigona said that, to the best of his understanding from reading all of the documents he

QUEENS BOTANICAL GARDEN (Continued) **S106000255**

could find about the site, no end point samples were ever taken. They were part of the contract, but he can't find any documentation showing that they were ever done. I asked him why. He said that the foundation was poured soon after the soil was removed. There may have been steel sheet piling protecting the sides of the deep excavation (the building construction plan called for a cellar). So end points could not be taken. I told Mr. Sigona that the DEC is going to send a letter requiring the delineation of the contamination that was identified in the Metcalf & Eddy 1/1/02 report and in the Emteque 1/31/02 report. Mr. Sigona said that I should send the letter directly to him. The letter was never sent. Instead, I had a meeting with Randall Austin, Chief of the Spills Unit, to discuss the contents of the reports. 3/23/11 - Raphael Ketani. Mr. Sigona (718) 391-1429 sent me several documents by e-mail. They included his cover letter describing the site and the borings that took place, a Toxic Targeting Report, and a Draft Phase I from Warren and Panzer dated 8/15/01. I began my review. 4/5/11 - Raphael Ketani. I restarted my review of the documents Mr. Sigona had sent me on 3/23/11. I had been interrupted as special projects needed my attention. 4/11/11 - Raphael Ketani. I finished my review of the submitted documents. I paid particular attention to the Metcalf & Eddy January 2002 investigation report and the Emteque January 2002 report. Both reports noted the presence of ash and cinder in the subsurface in the great majority of locations. The Metcalf & Eddy report noted fine sand and silt with gravel (some clay pockets) at about 8' to 10' at B-6 to B-9. Black, organic clayey silt with sand and gravel was encountered at about 14' to 16' at B-5, B-6 and B-9. Borings were performed in areas other than the administrative building area in order to get an idea regarding what was below the surface. Borings were done in the north parking lot area, the soil relocation area, the public garden area, the childrens garden area and at B-9, a downgradient location for possible off site contamination. Wells were installed at MW-6 and MW-9. Soil samples (actually samples of the ash and cinder fill) from B-7 and B-8 had high very VOC hits suggesting gasoline contamination, but these areas were dug out. In the Emteque study, only SB-1 and SB-2 had VOC hits. Four of the 8 hits for SB-2 were exceedences. Both reports had high SVOC hits, but, given that the fill is ash and cinders, this is expected with the material in the subsurface. I presented the above information and more to Mr. Austin and we discussed the case. It was mentioned that there was no documentation regarding tank tightness testing. Mr. Austin stated that because we don't know the disposition of the tanks, there should be a subsurface investigation in their vicinity. I sent an e-mail to Mr. Sigona requesting a subsurface investigation of the areas where the 3,000 gal. tank and 550 gal. tank are located. I also wrote that groundwater samples should be taken from MW-6 and MW-9, if they can be located. 4/12/11 - Raphael Ketani. Mr. Sigona sent me a response e-mail. In the e-mail, he stated that the DDC will prepare a work plan for investigating the tanks and for conducting groundwater sampling. 4/22/11 - Raphael Ketani. Mr. Sigona left a voice message that stating that he believed he had found the tank testing reports for the 550 gal. tank and the 3,000 gal. tank. He will send the DEC the reports and other documentation. He also stated that he was informed by personnel at the garden that there are 3 wells in the vicinity of the administrative building. Mr. Sigona added that he discovered some wells next to the Main Street side of the garden which used to be near a former gas station location. Later, Mr.

QUEENS BOTANICAL GARDEN (Continued) **S106000255**

Sigona followed up with an e-mail stating that he, Rebecca Tummon, Chief, DDC Bureau of Environmental & Geotechnical Services (BEGS), and Jeremy Lockard, DDC Cultural Affairs, performed a site visit and reviewed copies of tank testing, cleaning and abandonment reports and groundwater data reports. 4/26/11 - Raphael Ketani. Mr. Sigona sent me by e-mail a package of documents containing tank testing reports for the 3,000 gal tank and the 550 gal tank, a map showing the location of the tanks and the 7 wells, and groundwater data from a sample which was taken from one of the geothermal wells. In all, there were 9 total documents (including cover letter). I began my review of the documents. 4/27/11 - Raphael Ketani. I finished my review of the documents from the Queens Botanic Garden package that was received on 4/26/11. The tank test reports do indicate successful fuel system tests and that the tanks were abandoned in place. Only Part 1 and Part 2 of the 11/18/09 groundwater data tested for VOCs and SVOCs. The water sample was raw. The sample results were entirely non-detect. However, this appeared to be only one sample and not representative of subsurface aqueous conditions under the entire garden. I e-mailed Mr. Sigona (718) 391-1429 that the documentation was insufficient to determine groundwater conditions throughout the site. I asked him to have the DDC conduct a round of groundwater sampling using the existing wells. I added that the wells should be redeveloped and the samples should be tested via methods 8260 and 8270. Mr. Sigona called me in response to my e-mail. We discussed the data package. We agreed verbally to have 6 wells tested for VOCs and SVOCs as one entire round of sampling. The wells to be tested will be two wells along Main Street, the 3 geothermal wells next to the administrative building, and MW-6. I added that groundwater flow must also be determined. Mr. Sigona said that this will all be done. Mr. Sigona then sent me an e-mail with a work plan consisting of 4 items which comprised the work to be performed. I reviewed the plan and wrote back that it was as discussed and acceptable. I added that the work should be started as soon as possible. 5/3/11 - Raphael Ketani. Mr. Sigona sent me an e-mail stating that he would like to discharge the development water and purge water back to the water table, rather than paying for their disposal. He added that the solids themselves would be collected from the water for disposal. I responded back today that this plan was acceptable to the DEC. 5/10/11 - Raphael Ketani. Mr. Sigona and I had a conversation today regarding the wells that are on site. He mentioned that the 6 inch irrigation well is screened at 199 feet below grade and that the 8 inch geothermal intake wells (3 wells) are screened at 150 to 300 feet below grade. I told him that this horizon is well below the level of the environmental monitoring well screens (about 20 feet below grade) and that it represents a different chemical regime than at the top of the water table. I told Mr. Sigona that, for this reason, he should forego using the irrigation well and the geothermal wells in the sampling array. I added that 3 new monitoring wells should be installed next to the new administration building and made part of the sampling program. Mr. Sigona said that this would be 3 additional wells that would be part of a sampling array which will include 4 monitoring wells that already exist. This will make a total of 7 wells - one downgradient, 3 upgradient and 3 in the middle. I told him this sounded fine. He added that the 3 upgradient wells are in the sidewalk (on the Garden Side of Main Street) and across the street from a former gas station site. He will try to find out who owns the wells and get permission to use them. Mr. Sigona asked what

QUEENS BOTANICAL GARDEN (Continued) **S106000255**

should happen if he can't get permission to use these wells. I told him that, in such a case, a new well should be installed just inside the fence to the Garden as near to these wells as possible. I added that the DEC would like a work plan for this groundwater investigation as things are getting complex. Mr. Sigona said that he will get me one. 5/13/11 - Raphael Ketani. Mr. Sigona (718) 391-1429 called. He said that LiRo (DDC contractor) will submit a proposal for installing the 3 new wells on site. I informed Mr. Sigona that I had just had a meeting with Andre Obligado, the DEC project manager for the gas station site across Main Street from the Garden. I told Mr. Sigona that Mr. Obligado had told me that it wouldn't be a problem for the Garden's consultant to sample the wells that are in the sidewalk and downgradient from the gas station. I added that Mr. Obligado had told me that one of these three wells is hot. Mr. Sigona thanked me and said that I will see the work plan in about a month. 6/3/11 - Raphael Ketani. Mr. Sigona sent me an e-mail stating that the DEC will receive the well installation work plan sometime next week. 6/10/11 - Raphael Ketani. Mr. Sigona sent me the LiRo 6/10/11 work plan for installing the three new wells and sampling them and MW-6. I reviewed the 6/10/11 work plan. It did not include the three monitoring wells along Main Street that we had agreed upon as being part of the well array. Therefore, the work plan was unacceptable. I asked Mr. Sigona by e-mail to submit an addendum to the work plan which includes sampling the three wells in the sidewalk that are along Main Street and downgradient from the gas station. 6/24/11 - Raphael Ketani. Mr. Frank of LiRo Engineers (718) 321-3136, ext 236 sent me an e-mail containing a 6/22/11 letter indicating that the three off site wells on Main Street, MW-17 to MW-19, will be sampled as part of a 7 well array. I wrote back that groundwater elevations should also be taken for each of the wells. 7/11/11 - Raphael Ketani. I spoke to Mr. Sigona (718) 391-1429. The contractor just received his permit to do the drilling and well installing. So work will start soon. Mr. Sigona will send me updates. 7/19/11 - Raphael Ketani. Mr. Sigona sent me an e-mail on 7/15/11 that the drilling will start on 7/18/11. He also sent the LiRo Addendum to the 6/10/11 Work Plan. The addendum stated that it was not the intention of this drilling program to delineate the contamination from the upgradient gas station. I responded back that the objective was to determine whether there was on site or off site contamination, but not to do off site delineations. Later, Scott Swanson (geologist) called from the drill site. He said that they had encountered contaminated soil from under a sidewalk location. I told him that the soil should be sampled and sent off to a laboratory for analysis. He said that he will do so. 8/16/11 - Raphael Ketani. Mr. Sigona (718) 391-1429 called to say that the well installation, well surveying, and environmental sampling have taken place. The report will be submitted to the DEC sometime either this friday (8/19/11) or next week. 9/12/11 - Raphael Ketani. I called up Mr. Frank of LiRo Engineers (718) 321-3136, ext 236 in order to find out who took over for Mr. Sigona. He said that Rebecca Tummon is the group leader for the unit where Mr. Sigona was working. Her number is (718) 391-1799. I contacted Ms. Tummon (718) 391-1799. She said that Mr. Sigona's last day was last friday, 9/9/11. She added that the DDC is preparing a phase II report and will submit it soon. 9/13/11 - Raphael Ketani. Ms. Tummon called me today. She said that the phase II will be sent to the DEC either this friday or the following monday. 9/16/11 - Raphael Ketani. Ms. Tummon sent me the LIRO Final Phase II Environmental Site Investigation

QUEENS BOTANICAL GARDEN (Continued) **S106000255**

Report dated 9/14/11. I began my review. 9/21/11 - Raphael Ketani. I finished my review of the LIRO 9/14/11 Phase II. Three new wells were installed at the site and a total of 7 wells were gauged and sampled. The new wells were MW-10, MW-11 and MW-12. MW-10 and MW-12 were installed on site and MW-11 was installed just outside the Garden fence in the sidewalk where Crommelin Street and Dahlia Avenue meet. MW-12 was installed between the maintenance building and MW-11. MW-10 was installed just east of the new administrative building (about 300 feet to the east of the other two wells). In general, the materials encountered during the boring of MW-10 and MW-11 consisted of from 14.5 feet to 24 feet of historical fill (sandy material over garbage, brick and wood) over several feet of sand with gravel and silt which overlies intact peat. MW-12 had the same sequence of materials, but not peat at the bottom. Depth to groundwater amongst all of the wells varies from 6.2 feet at MW-17 to 12.8 feet at MW-12. Groundwater elevation amongst the eastern wells (MW-10, MW-17 to 19) is at an elevation of 8 to 10 feet or higher. Groundwater elevation amongst the western wells (MW-6, MW-11, MW-12) is from 4 to 6.4 feet. So groundwater flow is generally from east to west until it reaches the intersection of Crommelin Street and Dahlia Avenue and then it turns 90 degrees due south. The groundwater elevation data appears to suggest a groundwater flow divide under the far eastern part of the Garden. A soil sample was taken from boring MW-11. The VOC results were well below the CP-51 standards. There were no SVOCs. Groundwater was sampled at MW-19 and had a small number of VOC hits that were slightly above CP-51 standards and some other hits that were below the standards, but there was nothing significant. Samples from MW-12, MW-17 and MW-18 each had one VOC hit and this was below the standards. The sample from MW-11 had 2448 ppb of total xylenes, 1400 ppb of 1,2,4-trimethylbenzene, 7 other analytes in the hundreds of parts per billion and 3 additional moderate exceedences. Only the sample from MW-11 had SVOC hits and there were only 6 with low concentrations. At MW-11, oil was found on the water table during well development. However, it wasn't seen during the 7/26/11 sampling event. On 8/17/11, 3 feet of oil was found on the groundwater. Oil was never seen at MW-12 (downgradient), but this well was screened at 25 feet down, 5 feet deeper than MW-11. A sample of the oil was sent for analysis. It was determined to be weathered gasoline. Staff from LIRO interpreted the results to suggest that the weathered gasoline had come from the former North Shore Bus Company facility location which is depicted on the 1934 Sanborn map as once being just north and across the street from MW-11 (upgradient to the well). According to a series of Sanborn maps included as Appendix E in the report, the site used to have Mill Creek flowing through it. The creek first flowed from east (upland) to west to the mid-length of Dahlia Avenue (formerly Place) and then due south to Peck Avenue (formerly Hillside Drive) and then southwest off of the site to Flushing Creek in the near distance. The 1934 Sanborn Map shows the former location of the North Shore Bus Co. garage with two gasoline USTs depicted along Dahlia Avenue - just across the street from the Gardens. Staff from LIRO have interpreted the investigation results as indicating that this facility is the source of the weathered gasoline found at MW-11. The facility is now a condominium apartment building (block and lot 5125/7501) that was built in 1965. Before this, it was a box manufacturing company. Some of the condo owners in the apartment building are: apt 3B = lot 1021, deed 10/16/98, Fai Ngan Yeung and wife Bo Fa Chow apt 11A = lot 1012, deed 4/27/07, Harbans Lal Chopra

QUEENS BOTANICAL GARDEN (Continued) **S106000255**

apt 11B = lot 1013, deed 5/28/04, Shalu Shuri apts 17A/17B = lot 1002/1001, deeds 11/16/98, F&L Associates, LLC, rm. 403, 136-40 39 Avenue, Flushing, 11354. I did a search of the PBS database for the location of the North Shore Bus Company and the condominium apartment building, but did not find it. Instead, I found an active PBS registration (#2-602578) for the North Shore Toyota dealership at 134-37 Dahlia Avenue. This location is about 300 feet northeast of the former bus company location. They have an active 550 UST with Other listed as the contents of the tank. I also did a Spills database search. I did not find any spill cases for the bus company or the condominium. Though there were two closed cases for the Toyota dealership. Case #9414531 was a tank test faiure. Case #9414394 was the discovery of contaminated soil while pulling out some USTs. Both cases were closed in early 2006 because they were over a year old and involved the supposed loss of less than 25 gals. of product. There was a report in the e-docs for case #9414394. It simply indicated that there was a 1000 gal. UST with #2 oil that had a gross failure during the tightness test. There were also 3 other USTs which had either gas, waste oil or #2 oil. I tried to contact Rebecca Tummon (718) 391-1799 in order to discuss the information in the LIRO 9/14/11 Phase II, but I could only leave a voice message. 9/23/11 - Raphael Ketani. I tried to contact Rebecca Tummon (718) 391-1799 in order to discuss the information in the LIRO 9/14/11 Phase II, but I could only leave a voice message. Ms. Tummon returned my phone call. I told her that the DEC was concerned about the presence of 3 feet oil at MW-11 before groundwater sampling had taken place. I told her that we had determined that additional wells would be needed potentially upgradient from MW-11. I told her that the DEC wanted the Queens Botanical Garden to possibly find the source of the oil that had appeared at MW-11. Ms. Tummon stated that she will bring this request to her superiors. 9/26/11 - Raphael Ketani. I drafted a letter to Ms. Tummon stating that the DEC wanted one well each installed at the former locations of the gas USTs that were depicted in the 1934 Sanborn map. I set a deadline of October 28 for submission of the work plan. Later, Ms. Tummon and Sharissa Singh (718) 391-1201 (also of the DDC) called me in a conference call. They said that they had to present DEC's request for more off site wells to their superiors, but they didn't think that a request of two wells would be accepted. They also stated that the DEC should approach the condominium for installing the wells, not the Garden and that the DDC should not be required to spend any money. I told them that the DEC needed proof of contamination at the condo building property. I added that, without proof, the condo association could just say that nothing was ever spilled as the DEC has no records to prove that anything happened. Ms. Singh and Ms. Tummon stated that there was proof as there were gas tanks. I told them that the presence of tanks doesn't constitute proof of a spill. They added that the condo is upgradient. I told them that the condo may be upgradient, but we are only assuming this right now. Ms. Singh asked that the DDC be allowed to put in one well first at one possible gas tank location. Then, if no contamination is found, a second well will be installed at the other possible gas tank location. I told them this sounded fine, but that the Garden is still responsible for collecting the oil at MW-11 on a weekly basis. Ms. Singh said that they will collect the oil. She asked what would happen if proof is found that there is old gasoline contamination at the condo. Then, I said, the DEC can ask the condo to do an investigation and, possibly, to take responsibility for

QUEENS BOTANICAL GARDEN (Continued) **S106000255**

collecting the oil. They also asked about the costs that the DDC has incurred due to the installation of MW-11 and the oil collection. I told them that they can ask the condo to reimburse the DDC if proof of source is found. With that, Ms. Singh and Ms. Tummon stated that they will approach their superiors regaring the DEC's request and get back to me. 9/27/11 - Raphael Ketani. Ms. Tummon called me today. She said that the plan to install one well initially, with the installation of a second well if no contamination is found at the first location, was accepted by her superiors. She asked what the DEC needed in order to formalize the agreed upon plan. I told her to have LIRO submit a letter describing what we had agreed upon and indicating that they will conduct the sampling as had been done in the previous round of soil borings and well installations. Ms. Tummon said that she will call LIRO and have them send the letter. 10/17/11 - Raphael Ketani. Ms. Tummon (718) 391-1799 sent me the LiRo 10/12/11 Supplemental Phase II Subsurface Investigation work plan. I reviewed and approved the work plan. My only comment was that if a second boring/well will need to be installed, then it should be much closer to the former location of the second gas tank. 11/10/11 - Raphael Ketani. Ms. Tummon sent me an e-mail stating that the drilling of the 1 or 2 wells would begin on 11/16/11. She attached a copy of the NYC DOT permit dated 11/9/11 for the work. 11/23/11 - Raphael Ketani. Ms. Tummon sent me an e-mail containing a revised site plan. The site plan showed where LIRO had installed MW-01 and had attempted to install SB-02. Samples were taken from MW-01 and sent to the lab for analysis. I responded back to Ms. Tummon that I will look at the data when I receive it and then I will make a determination regarding what the next step should be. 1/10/12 - Raphael Ketani. Ms. Tummon sent me an e-mail containing the LiRo Supplemental Phase II Environmental Site Investigation Report dated 12/21/11. The document concerned the installation of two groundwater monitoring wells next to the condo building at 134-05 Dahlia Avenue (across and upgradient from the QBG entrance). Wells were attempted a little downgradient from the locations depicted on the Sanborn maps for the former North Shore Bus Company gas USTs. Well MW-1 was installed down to 20 feet and east of SB-2. SB-2 could only be drilled to 8 feet below grade due to refusal. It was not made into a well. Once MW-1 was constructed, groundwater was found at 8 feet down. In MW-1, PID vapors were detected at 1455 ppm and at 2500 ppm from 8' to 14', but no visual signs of contamination were seen. Petroleum odors were strong. Mixed fill was encountered in MW-1 from 0' to 6'. Very fine sand and silty sand were encountered from 6' to 20'. SOIL MW-1: 4'-5' 34,419 ppb total VOCs; exceedences of 2300 ppb ethylbenzene, 6500 ppb 1,2,4-trimethylbenzene, 6000 ppb total xylenes; 580 ppb total SVOCs 12'-14' 15.9 ppb total VOCs; 120,100 ppb total SVOCs with 7 exceedences to 9100 ppb (all benzo series and associated combustion products), also 20,000 ppb phenanthrene, 18,000 ppb pyrene, 2800 ppb acenaphthene, 5900 ppb anthracene SB-2: 6'-7' 22 ppb total VOC; 87,570 ppb total SVOCs with 7 exceedences to 7300 ppb (all benzo series and associated products), also 18,000 ppb phenanthrene, 17,000 ppb pyrene, 4500 ppb anthracene GROUNDWATER MW-1: 11 VOC exceedences with 1692 ppb total xylenes and 99 ppb naphthalene As the Supplemental Phase II ESIR indicated the presence of gasoline contamination directly upgradient from MW-11, I have determined that the sources of the contamination at the Garden are the gasoline USTs (or at least the property) belonging to the former North Shore Bus Company - the condominium at 134-50 Dahlia Avenue. Therefore, I am

QUEENS BOTANICAL GARDEN (Continued) **S106000255**

closing spill case #0109707. I sent Ms. Tummon and Ms. Lacerte a Spill Closure Letter. 1/18/12 - Raphael Ketani. Ms. Lacerte sent a thank you letter to the DEC. "

Remarks: "APPEARS TO BE HISTORICAL SPILL - NO KNOWN SOURCE AS OF RIGHT NOW - PETROLEUM HYDROCARBONS FOUND FROM SOIL SAMPLES - SAMPLES WERE TAKEN IN JUNE - UNK ABOUT CLEAN UP RIGHT NOW"

All Materials:

Site ID:	111245
Operable Unit ID:	846912
Operable Unit:	01
Material ID:	527355
Material Code:	9999
Material Name:	other -
Case No.:	Not reported
Material FA:	Other
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

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6 **133-01 BOOTH MEMORIAL AVE REALTY** **NY AST** **A100343957**
SSE **133-01 BOOTH MEMORIAL AVE** **N/A**
< 1/8 **FLUSHING, NY 11355**
0.086 mi.
454 ft.

Relative:
Higher

Actual:
42 ft.

AST:

Name:	133-01 BOOTH MEMORIAL AVE REALTY
Address:	133-01 BOOTH MEMORIAL AVE
City,State,Zip:	FLUSHING, NY 11355
Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-611072
Program Type:	PBS
UTM X:	598665.89087
UTM Y:	4511458.83367
Expiration Date:	02/20/2024
Site Type:	Apartment Building/Office Building

Affiliation Records:

Site Id:	413373
Affiliation Type:	Facility Operator
Company Name:	133-01 BOOTH MEMORIAL AVE REALTY
Contact Type:	Not reported
Contact Name:	R. PICHARDO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(347) 732-0287
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NTFREEMA
Date Last Modified:	2015-04-03

133-01 BOOTH MEMORIAL AVE REALTY (Continued) **A100343957**

Site Id:	413373
Affiliation Type:	Emergency Contact
Company Name:	133-01 BOOTH MEMORIAL AVE REALTY CORP
Contact Type:	Not reported
Contact Name:	R. PICHARDO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(347) 732-0287
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NTFREEMA
Date Last Modified:	2015-04-03

Site Id:	413373
Affiliation Type:	Mail Contact
Company Name:	LANGSAM PROPERTY SERVICES CORP.
Contact Type:	Not reported
Contact Name:	SHARON LESTER
Address1:	1601 BRONXDALE AVE
Address2:	STE 201
City:	BRONX
State:	NY
Zip Code:	10462
Country Code:	001
Phone:	(718) 518-8000
EMail:	SHARONL@LANGSAMPROP.COM
Fax Number:	Not reported
Modified By:	JSMACRI
Date Last Modified:	2019-02-11

Site Id:	413373
Affiliation Type:	Facility Owner
Company Name:	133-01 BOOTH MEMORIAL AVE REALTY CORP
Contact Type:	ASST. TO DIRECTOR OF OPERATIONS
Contact Name:	SHARON LESTER
Address1:	1601 BRONXDALE AVE STE 201
Address2:	Not reported
City:	BRONX
State:	NY
Zip Code:	10462
Country Code:	001
Phone:	(718) 518-8000
EMail:	SHARONL@LANGSAMPROP.COM
Fax Number:	Not reported
Modified By:	JSMACRI
Date Last Modified:	2019-02-11

Tank Info:

Tank Number:	001
Tank Id:	228291
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

133-01 BOOTH MEMORIAL AVE REALTY (Continued) **A100343957**

Equipment Records:

E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
J02 - Dispenser - Suction Dispenser
G01 - Tank Secondary Containment - Diking (Aboveground)
L00 - Piping Leak Detection - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
K00 - Spill Prevention - None
C01 - Pipe Location - Aboveground
I04 - Overfill - Product Level Gauge (A/G)
F00 - Pipe External Protection - None

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	02/20/2009
Capacity Gallons:	3000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	JSMACRI
Last Modified:	02/11/2019
Material Name:	#2 fuel oil (on-site consumption)

B7 **FLUSHING GARDENS CONDOMINIUM** **NY Spills** **S111457597**
ENE **134-05 DAHLIA AVENUE** **N/A**
< 1/8 **FLUSHING, NY 11355**
0.087 mi.
458 ft. **Site 2 of 4 in cluster B**

Relative:
Higher

Actual:
19 ft.

SPILLS:

Name:	FLUSHING GARDENS CONDOMINIUM
Address:	134-05 DAHLIA AVENUE
City,State,Zip:	FLUSHING, NY 11355
Spill Number/Closed Date:	1111895 / 2018-01-22
Facility ID:	1111895
Facility Type:	ER
DER Facility ID:	414277
Site ID:	459813
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	4101
Spill Date:	2012-01-10
Investigator:	RVKETANI
Referred To:	012218 REVWD 4TH QRTR 2017 RPT CLSR LTR SENT
Reported to Dept:	2012-01-10
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Notifier:	DEC
Cleanup Ceased:	Not reported

FLUSHING GARDENS CONDOMINIUM (Continued) **S111457597**

Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	Not reported
Remediation Phase:	0
Date Entered In Computer:	2012-01-10
Spill Record Last Update:	2018-06-08
Spiller Name:	Not reported
Spiller Company:	CONDOMINIUM
Spiller Address:	134-05 DAHLIA AVENUE
Spiller Company:	999
Contact Name:	F&L ASSOCIATES LLC
DEC Memo:	"1/10/12 - Raphael Ketani. The spill was opened up due to the investigation results described in the 12/21/11 LiRo Engineering Supplemental Phase II Environmental Site Investigation Report. LiRo, working on behalf of the Queens Botanical Garden (QBG; Susan Lacerte, Executive Director (718) 886-3800, ext 205) and the NYC DDC (Rebecca Tummon, Section Chief NYC DDC, Bureau of Environmental and Geotechnical Services (718) 391-1799), investigated the soil and groundwater at 134-05 Dahlia Avenue (the condominium) at the request of the NYS DEC. The request was made in order to find the source of the weathered gasoline which had accumulated in the QBG well, MW-11. The QBG had never used gasoline. The condominium was formerly the location of the North Shore Bus Company and two gasoline USTs were depicted as having existed there according to the Sanborn maps. The condo building was constructed on the site in 1965 and is upgradient to the QBG. The LiRo 12/21/11 report discovered soil and groundwater contamination in the vicinity of the former gasoline UST locations. There were VOC exceedences and elevated oil component SVOC analytes in the soil at each of the two boring locations. The groundwater at MW-1 had 11 VOC exceedences (1692 ppb total xylenes and 99 ppb naphthalene). One of the owners of the owners is F&L Associates LLC, 136-40 39 Avenue, rm. 403, Flushing, NY, 11354. The block and lot are 5125 and 1002. I sent a Contaminated Soil Letter to F&L as the management company is unknown. Later, I found out that the building organization is Flushing Gardens Condos and the block and lot are 5125 and 7501. 1/12/12 - Raphael Ketani. Thomas Fan of F&L Associates called me today. He said that he had received the CSL. He asked what the letter was about. I explained the history of the investigation at the Queens Botanical Garden. He said that his property management company owns just a hand full of condos in the building. I asked him who the management company was. He said that it's Elite Management, 42-40 Bell Boulevard, Ste. 507, Bayside, NY, 11361. He said that the contact person is Robert Mozilo at (718) 939-1493. I sent the CSL to Elite Management. 1/30/12 - Raphael Ketani. David Oloke of Fenley & Nicol (631) 586-4900, ext 154 called. He said that Fenley & Nicol was hired by Elite Management to address the DEC letter dated 1/10/12. I filled Mr. Oloke in on some of the details of the LiRo findings below the condo property. Mr. Oloke asked for one more week for submitting the work plan. I gave him until February 14. 2/13/12 - Raphael Ketani. Mr. Oloke called today. He said that the work plan is not ready yet. However, Mr. Oloke said that a GPR survey would be done first in front of the building. I told Mr. Oloke that the survey should cover an area from the front of the building to the street and should run the length of the building. He said that he will do this. He also told me that Paul Fenley (631) 586-4900, ext 161 wanted to speak to me. I called Mr. Fenley and asked him what he wanted. He

FLUSHING GARDENS CONDOMINIUM (Continued) **S111457597**

said that he had two rigs drilling right now, but they would not be free until late in March. He asked for an extension of the deadline for the work to begin. I asked him how much of an extension he wanted. He said that March 29 would be good. I told him that would be fine. I added that Mr. Oloke told me that a GPR survey would be performed at the site. I also said that the survey should run the length of the building and go out to the street. He said that it will. 3/5/12 - Raphael Ketani. Mr. Oloke sent me the Fenley & Nicol 2/23/12 Site Investigation Work Plan. In the work plan, Fenley & Nicol proposed to perform a GPR survey along the sidewalk on the southern side of the building. They also proposed to install a series of soil borings, which would be turned into monitoring wells, along the same sidewalk. The wells would be installed from the corner opposite the Queens Botanic Garden (the intersection of Crommelin Street and Dahlia Avenue) and then to the northeast up to the location of a car dealership. The only comments I had were that one well should be as near as possible to the southern UST. Also, that method 8260 should be used and that the results should be compared to tables 2 of the CP-51 standards. Lastly, I recommended that groundwater sampling take place no sooner than one month after well development. I sent these comments via e-mail to Mr. Oloke. A deadline of April 3 was set for submission of the investigation report. 3/15/12 - Raphael Ketani. Linda Sun (718) 939-0195 called. She said that she worked in the office of Assemblywoman Grace Meng and she had a resident of the condo complex in her office. She said that the resident was concerned that he was going to be held responsible for the fines that could be levied against the condo owners. Also, she asked what he she do. I told her that Elite Management had hired Fenley & Nicol to investigate the spill. I added that there was nothing the resident should do, but keep in touch with the management company in order to find out what progress is being made. I told Ms. Sun that the entire contamination issue is not fully known at this time and that Fenley & Nicol will have to do their investigation first and then send a report to the DEC for review. She said she understood what I was saying and the conversation ended. 3/27/12 - Raphael Ketani. Mike Zobel of Fenley & Nicol (631) 586-4900, ext 180 called to say that he had taken over the case from Mr. Oloke. I explained to Mr. Zobel what the DEC wanted in the way of an investigation. I mentioned that a GPR survey should be done in front of the condo building, a well should be installed next to the Garden and a little to the east of MW-11, and that borings and wells should be installed in order to delineate the contamination. Mr. Zobel asked for an extension of the deadline for the submission of the report because the DEC wanted the groundwater data to be incorporated in it. I granted Mr. Zobel an extension to May 10. 4/4/12 - Raphael Ketani. Mr. Zobel cell (631) 561-1340 called and left a message. He said that F&N will do the GPR survey on 4/6/12 and begin drilling on 4/9/12. 4/24/12 - Raphael Ketani. I contacted Mr. Zobel cell (631) 561-1340 regarding progress at the site. He said that the wells had been installed. Soil samples had been collected. The groundwater samples will be collected in May. No gas tanks were found on site. 5/9/12 - Raphael Ketani. I spoke to Mr. Zobel today. He said that the investigation report is almost done. All he needs to complete it is the analytical data. He requested a one week extension of the submission deadline to May 17. I granted the extension. 5/16/12 - Raphael Ketani. Mr. Zobel called. He said that the lab still hasn't sent the analytical results. He asked for a one week

FLUSHING GARDENS CONDOMINIUM (Continued) **S111457597**

extension of the submission deadline. I gave him until May 23. 5/22/12 - Raphael Ketani. Mr. Zobel sent me an e-mail stating that the investigation work at the site had been completed. He requested an extension of the deadline for submitting the investigation report and suggested the date June 1, 2012. I granted the extension. 5/29/12 - Raphael Ketani. Mr. Zobel sent me the Fenley & Nicol 5/23/12 Subsurface Investigation Report. I reviewed the report. 5/30/12 - Raphael Ketani. I completed my review of the SIR. The boring and well installation work took place from 4/9/12 to 4/11/12. The GPR survey did not indicate the presence of any USTs. A total of eight (8) borings were installed on both sides of Dahlia Avenue. Borings SB-3, 5, and 7 were converted into monitoring wells MW-2, 3, and 4, respectively. The soils encountered were urban fill over silt and fine sand with lenses of fine to coarse sand. Peat was encountered at 17 feet bgs at SB-7. Depth to water was found to be from 7 to 14 feet bgs. The wells were completed to 20 feet bgs. Groundwater flow was determined to be to the southwest with groundwater elevations of from 92.70 feet to 90.32 feet. Total soil VOCs were 19,480 ppb at SB-3 (between MW-1 and SB-02) and 26,500 ppb at SB-5 (directly across the street to the south and downgradient of SB-3). SB-3 had exceedences for ethylbenzene and total xylenes. SB-5 had exceedences for naphthalene, ethylbenzene and total xylenes. The horizon with the worst contamination was from 7 to 12 feet bgs. However, at SB-5, the 5 to 7 foot interval was also very contaminated. The rest of the soil total VOC results were low to moderate with, generally, individual analytes that didn't exceed the CP-51 standards. Groundwater total VOCs were: MW-2 with 1752 ppb; MW-3 with 1699 ppb; MW-1 with 873 ppb. MW-1 had high exceedences for 4 analytes. MW-2 had high to very high exceedences for 6 analytes. MW-3 had high to very high exceedences for 5 analytes. MW-4 had only low hits. The report recommended additional groundwater and soil contamination delineation to the west and south of MW-11 (delineation into the Queens Botanic Gardens), and monthly gauging and product recovery. I drafted a letter for the review of Hassan Hussein, EE III and head of the Hazardous Materials Unit, approving the SIR and Fenley & Nicol's recommendation for further soil and groundwater contamination delineation and monthly gauging and product recovery. I also added that soil removal must take place at SB-3 and SB-5. The letter was approved by Mr. Hussein and was sent out. 10/10/12 - Raphael Ketani. I reviewed the Fenley & Nicol 9/5/12 Supplemental Subsurface Investigation Work Plan. Six (6) borings are proposed to be installed along the south side of Crommelin Street and to the south of MW-11. These borings will be made into permanent groundwater monitoring wells. The installation of borings/wells on the Queens Botanical Gardens property are contingent upon QBG permission. Boring will take place to 20 feet below grade. Well development will take place one week after construction. Gauging and product bailing will take place monthly. Groundwater sample collecting and data reporting will take place quarterly. The well network will consist of MW-1 to MW-13. 10/16/12 - Raphael Ketani. I drafted a response letter for the review of Mr. Hussein. In the letter I stated that the Department was approving the SSIWP with comments. The comments were that the contaminated soil still needed to be removed at SB-3 and SB-5. Borings should be done to below the most contaminated sample and then to the water table if the contamination is 10 feet or closer to the water table. Product collection must take place weekly. Each quarterly data report must include a groundwater flow map, gauging data, product and groundwater

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elevation data, and product volume collected per month. 10/17/12 - Raphael Ketani. Mr. Hussein approved the letter and it was sent out with a deadline of November 16, 2012 for submission of the investigation report. 11/28/12 - Raphael Ketani. I spoke to Mr. Zobel of Fenley & Nicol (631) 586-4900, ext 180 regarding the receipt of the report. He said that access to the Queens Botanical Garden has been a problem due to Hurricane Sandy and work that is taking place as a result of the damage that was caused. I asked him how much more time he thought he needed to obtain the access, do the work and generate the report. He said that a deadline of December 28, 2012 would be good. So I set the report submission date to December 28. 12/14/12 - Raphael Ketani. Robert Dooley, attorney for the condominium (631) 493-9800/rd@li-envirolaw.com, called regarding the site. He stated that he is working on the access agreement for doing groundwater monitoring work in the Queens Botanic Garden. I told him that there already were wells in the Garden. He said that was great and that this will make the job easier as his client (Elite Management) will not have to disrupt the Garden by installing their own wells. Mr. Dooley asked that I send him the locations of the wells. I forwarded a copy of the Garden's well map by e-mail. I told him that the product in MW-11 needed to be collected. He commented that there were safety issues with removing the soil at B-3 and B-5 due to the utilities. With that, the conversation ended. 12/20/12 - Raphael Ketani. Mr. Dooley sent an e-mail today stating that he had talked to Ms. Lacerte about access to the Garden's on site wells. He will also speak to Jeremy Lockard of the DDC. 12/24/12 - Raphael Ketani. Today Mr. Dooley sent Mr. Lockard of the DDC a copy of the Fenley & Nicol 9/5/12 Supplemental Subsurface Investigation Work Plan. 1/3/2013 - Raphael Ketani. Mr. Dooley copied me on a letter to Ms. Lacerte of the Queens Botanical Gardens (spill #0109707). The letter regarded obtaining access to the Garden for conducting soil borings. A copy of the Fenley & Nicol 9/5/12 Supplemental Subsurface Investigation Work Plan was attached. Mr. Zobel called me regarding conducting additional borings in the Garden. He said that there was a water bearing structure at the location of the Metcalf & Eddy B-7 boring and so work couldn't take place there. He asked whether I had any data for B-7. I told him that I had. I sent him the short version of the Metcalf & Eddy report and the boring location map. The data for B-7 indicated a concentration of 133,000 ppb of naphthalene in the soil and other very high VOC concentrations. I told him that it would be alright to use the data from B-7 for determining whether further investigation near that area was warranted. He asked whether eliminating the boring two locations south of MW-11 would be alright if the boring one location south doesn't have high concentrations of contaminants. I told him that eliminating this boring location would also be alright. However, I told him to send a revised work plan. 1/9/13 - Raphael Ketani. I reviewed the 1/4/13 Fenley & Nicol revised Supplemental Subsurface Investigation Work Plan. Four borings will be installed in the Garden and south of MW-11. These borings will be turned into monitoring wells. Each well will be constructed with 5 feet of riser and 15 feet of screen. There will be the option of installing a fifth well two locations to the south of MW-11 if contamination is found immediately downgradient of MW-11. The most contaminated soil sample will be sent to the lab for analysis. The wells will be surveyed. Gauging and product collection will take place monthly. Product will be stored in 55 gallon drums. The groundwater well sampling array will include the presently existing

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wells, MW-1, MW-10 to MW-12 and the future wells MW-13 to MW-16 (and possibly MW-17 if it is installed). The Supplemental Subsurface Investigation Report will be submitted one month after groundwater monitoring and sampling. The Site Status Update Reports will be submitted quarterly. I approved the revised SSIWP, but had comments. I drafted a letter for the review of Mr. Hussein. In the letter, I stated that well development must not take place sooner than 48 hours after the grout has set and that the Department recommends that groundwater sampling not take place sooner than 1 month after well development in order to allow the disturbed water to leave the vicinity of the wells. Product must be hauled away by a Part 364 permitted hauler and that the SSIR must be submitted no later than 30 days after the first complete round of groundwater analyses are received. I also requested that Fenley & Nicol submit a detailed work schedule for the investigation, groundwater sampling and SSIR submission and other tasks before the work begins. 1/14/13 - Raphael Ketani. Mr. Hussein approved the letter and it was sent out today with a due date for the SSIR of February 15, 2013. 1/29/13 - Raphael Ketani. Mr. Dooley copied me on an e-mail to Tim Thayer of the NYC Office of Cultural Affairs offering to begin to draft the access agreement for conducting the work in the Garden. I responded to everyone that the DEC is requesting that the access agreement be drafted and agreed upon very soon in order to allow the necessary investigation and remedial work to proceed. 2/11/13 - Raphael Ketani. Tim Thayer of the NYC Dept. of Cultural Affairs called requesting an explanation regarding why the DEC wanted a contamination delineation to take place when the spill case for the Garden had been closed and he had been told by Mr. Lockhard from the DDC that MW-11 and the other wells were clean. I told Mr. Thayer that MW-11 was not clean and, infact, has a few feet of weathered gasoline. I added that the contamination delineation was necessary because gasoline tanks that used to be under the condo building across the street had leaked in the past and had carried the gasoline downgradient where it probably resides under the Garden. Mr. Thayer said that he understood the need for the investigation and the closing of the Garden case. The conversation ended. Later, Matt Schieferstein of Fenley & Nicol sent Mr. Thayer an e-mail requesting that he obtain permission for Fenley & Nicol to enter the Garden and conduct the delineation work. 2/21/13 - Raphael Ketani. Mr. Dooley (631) 493-9800 and Mr. Eisenbud called me in a conference call to discuss the spill and the condominium property. Mr. Dooely stated that his client would rather do an upgradient investigation first as he doesn't believe that the groundwater contamination in MW-11 is from his client's property, but may have come from upgradient and off site. I told Mr. Dooley that he is welcome to conduct this study, but the gas tanks are or were under his client's property, the soil contamination concentrations are highest directly downgradient from the tanks, the borings up Saull Street and Dahlia Avenue don't show much in the way of soil contamination, groundwater flow is due southwest from his client's property and MW-11 has several feet of weathered gasoline. Mr. Dooley admitted that it looks like the groundwater contamination is from the former bus depot site, but he believed that the groundwater flow direction needed more investigation by a hydrogeologist. Mr. Dooley also stated that his client wanted to enter the voluntary or brownfield program in order to limit his responsibility for investigating and cleaning up any contamination under the Queens Botanical Garden. I told Mr. Dooley that if the additional upgradient

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investigation proves that the groundwater contamination is, indeed, from the gas tanks, then his client will still be responsible for doing downgradient delineating and remediation. Mr. Dooley stated that under the voluntary program, his client will only be responsible for contamination that is under the site. He added that he will send the DEC a copy of a court ruling that indicated there is no owner responsibility for contamination beyond the site. I told him he could do this, but we still needed the upgradient delineation work plan. Mr. Dooley said that it will be sent in a timely manner. Later, I sent Mr. Dooley an e-mail in which I stated some of the information regarding beginning the process of applying to enter the voluntary or brownfield programs. I also stated that, in the meantime, the spill was still under the oil spill program. As such, his client still owed the DEC work plans and reports. I set a deadline of March 22, 2013 for submission of the upgradient delineation work plan. 3/20/13 - Raphael Ketani. Mr. Dooley (631) 493-9800 called today regarding progress at the site. He said that a survey was done in order to look for any other facilities which may be sources of the gasoline. He added that some facilities were found about half a block away. Mr. Dooley stated that he wanted to hold off submitting the upgradient delineation work plan until the consultant had worked out the aspects of addressing this issue such that a plan could be put together. I told Mr. Dooley that would be fine and I will give him a little more time. Mr. Dooley also stated that they were still working on the access agreement for the Garden. He will send the DEC a letter indicating where things stand. I told him this, too, would be fine. 3/22/13 - Raphael Ketani. Mr. Dooley sent me a letter dated 3/22/13 in which he stated that the access agreement was sent to the City's Law Department and is under review. He also stated that Fenely & Nicol is reviewing the facility survey that was performed. 5/10/13 - Raphael Ketani. I tried to contact Mr. Dooley (631) 493-9800 regarding progress at the site, but could only leave a voice message. I also sent Mr. Dooley an e-mail stating that the Department was concerned because staff have not received any correspondence regarding progress at the site and that we have not received any information regarding obtaining the access agreement, nor the upgradient delineation work plan (due 3/22/13), nor the nearby facility survey. Therefore, due to the lack of information, the Department believes that no work is taking place. A new deadline of May 31, 2013 was set for the receipt of the delineation work plan. Later, Mr. Dooley responded by e-mail that he had been told several times by the City that the access agreement review process had been completed. He stated that he will followup with the matter. However, I responded by stating that I had reviewed and approved the 1/4/13 Revised Supplemental Subsurface Investigation Work Plan. I added that the work plan included monthly gauging and product collection, within a program of installing new monitoring wells in the Garden. However, this did not preclude doing gauging and collection for the wells outside the Garden - particularly from MW-11. I set a deadline of June 7 to receive the first monthly gauging and collection report. 5/13/13 - Raphael Ketani. Mr. Dooley sent me the following response e-mail: I m waiting to discuss with my clients and our consultants to see whether we can complete your request. Believe it or not, I ve been on top of the City to have the access agreement completed so everything can be completed as we originally planned and proposed. While I would certainly prefer to have everything accomplished once we have access to the property, I understand your request. I ll touch

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base after discussing with the rest of the team. I responded by e-mail that doing the gauging and product/contaminated groundwater collection was not an option or something to be done when and if the condominium owners feel like it. This is a plan of action that was proposed by Fenley & Nicol and agreed to by the State. This must be done. Mr. Dooley responded by e-mail that he thought the DEC had made a request. So he took it as such. However, I responded that the product collection and other work should have been taking place regardless of whether the access agreement had been granted. Mr. Dooley asked for a deadline of the end of July to submit the quarterly report. I granted the condominium until July 12 to submit the report to the DEC. [The series of e-mail correpsondences regarding this discussion are in the e-docs.] 6/14/13 - Raphael Ketani. I sent Mr. Dooley (631) 493-9800 an e-mail stating that the upgradient well installation work plan was long overdue. I also told him that the DEC was waiting for his law firm to finalize the access agreement. Mr. Dooley responded back by e-mail and stated that the reason for the lack of an access agreement was due to the NYC DDC, not his office. He said that they told him they will call the NYS DEC regarding the matter. I responded back stating that the DDC had never contacted me, but that I would be willing to try and move the process along somehow. As regards the submission of a work plan for investigating any upgradient sources, Mr. Dooley responded by e-mail and stated that it was not worth expending the resources for conducting such an investigation. 6/26/13 - Raphael Ketani. I sent an e-mail to Mr. Thayer (tthayer@culture.nyc.gov) in which I stated that Ms. Lacerte had been sent the Supplemental Subsurface Investigation Work Plan on 1/3/13 and that Mr. Thayer and I had a conversation on 2/11/13 regarding the gasoline spill from the former tanks that were under the condominium. I added that the DEC believed that gasoline contamination was present under the Garden. However, the lack of action was allowing the contamination to spread and cause more damage to the environment and to pose a risk to the public. I asked what the status of the access agreement was and what the DEC could do to expedite the process. 6/28/13 - Raphael Ketani. I spoke to Mr. Dooley (631) 493-9800 today regarding progress with the access agreement. He said that the DDC's lawyer had written the document. Mr. Thayer had submitted it to Mr. Dooley yesterday, June 27. Mr. Dooley told me that he went over the wording, but did not think that what was written was acceptable. So he will speak with the DDC lawyer. I told him that the DEC was glad that progress was being made. With that, the conversation ended. 7/22/13 - Raphael Ketani. I spoke to Mr. Dooley today. He said that he received the revised version of the access agreement from the City. He is looking it over, but he has a lot of things to do this week as he is leaving Mr. Eisenbud's law firm. Mr. Dooley's new contact information is: McGiff Halverson 96 South Ocean Avenue Patchogue, NY 11772 T-(631)730-8686 F-(631)730-8661 dooley@mcgiffhalverson.com He will still work on this spill case. 7/25/13 - Raphael Ketani. I reviewed the Second Quarter Site Status Update Report dated July 17, 2013 from Fenley & Nicol. The period covered by the report was 4/1/13 to 6/30/13. Wells MW-1 to MW-4 and MW-11 were monitored and sampled. Groundwater samples were taken on 5/30/13 and gauging only was done on 6/18/13. Groundwater was found 6.52 feet bgs at MW-1 (on the condo property and near the former UST locations) and at 10.91 feet bgs at MW-4 (sidegradient from MW-1). Flow was to the southwest. Product thickness was 0.08' at MW-2 (on the property and near the former UST locations), 0.16' at

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MW-3 (downgradient) and 3.14' at MW-11 (the location which usually has the most product). The samples that were taken on 5/30/13 had the following results: MW-1 = 10 exceedences, total VOCs 1102.8 ppb MW-2 = 11 exceedences, total VOCs 2194.2 ppb MW-3 = 11 exceedences, total VOCs 1883 ppb MW-4 = 10 exceedences, total VOCs 814 ppb MW-11 = 11 exceedences, total VOCs 7346 ppb The proposed plans are to gauge the same 5 wells monthly for product, monitor and sample the wells for VOCs and prepare a site status report in October 2013. I responded by e-mail to Mr. Dooley and stated that the Department had approved the report. I also stated that product collection must take place weekly at MW-11, MW-3 and MW-2. The amount of product collected must be included in each monthly report and reported as the total amount of product collected per week for each well. The amount of product collected for the month must also be reported. 7/26/13 - Raphael Ketani. Mr. Dooley sent me an e-mail today stating that he didn't want to cause his client to incur a lot of costs by doing weekly product collection. I called him up and we discussed the issue of the thick product in MW-11 (3.14'). Mr. Dooley said that he understood why the DEC wanted the product collected, but he didn't feel collecting product weekly from the other two wells which didn't have very much was reasonable. I told him to have his consultant go to the site and start collecting the product on a weekly basis and play things by ear. In other words , I said, see whether there is thick product in MW-11 the following week and collect it again and do collections weekly until there is less than 6 inches of product. I added that once there is less than 6 inches of product, then the collections can be every other week, then - if it decreases - maybe every third week and then once a month. Mr. Dooley said that he understood. He asked that the consultant be allowed to start August 5. I told him that would be fine. I added that the other two wells didn't need weekly collection, but they should be checked while the consultants are out there for evacuating MW-11. Lastly, I told Mr. Dooley that there could be a large pool under the Garden. So if he gets the access agreement and installs more wells, then he will find more oil and be required to collect product from these wells, too. In the long run it will cost more money. If this pool can be reduced now, then maybe any future wells will be free of product. With that, the conversation ended. 10/18/13 - Raphael Ketani. I sent an e-mail to Mr. Dooley (631) 730-8686 regarding progress with the access agreement and progress recovering product from MW-11. I also reminded him that the third quarter groundwater monitoring report and the monthly gauging and product collection reports were due. 11/07/13 - Raphael Ketani. Today I reviewed the Third Quarter 2013 Site Status Update Report which was dated 11/4/13 and submitted by Island Pump and Tank (they had recently bought Fenley & Nicol). Matthew Schieferstein [(631) 586-4900, ext 153/cell (516) 702-0025/matts@islandpumpandtank.com] sent me the document. The period covered by the report was 7/1/13 to 9/30/13. On 7/24/13 they gauged wells MW-1 to MW-4 and MW-11. About 0.01' of oil was found at MW-2 and MW-3 and 3.46' of oil at MW-11. On 8/8/13 they gauged and hand bailed the wells. MW-2 had a sheen and MW-11 had 4.02'. About 2.5 gals. of oil was collected from MW-11. A sock was put in MW-2. On 8/22/13 they sampled wells MW-1 to MW-4. About 0.91' of oil was found in MW-11. One gallon of product was removed. On 9/10/13 the wells were gauged and 1.04' of oil was found in MW-11. Half a gallon of product was removed. On 9/24/13 the wells were gauged and 1.1' of oil was found in MW-11. Half a gallon of product was collected. As a

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result of the 8/22/13 groundwater sampling, it was found that MW-2 had 3384 ppb total VOCs, MW-4 had 1288 ppb total VOCs, MW-1 had 836 ppb total VOCs and MW-3 had 36 ppb total VOCs. Benzene was 530 ppb and total xylenes were 970 ppb in the MW-2 sample. 2/4/14 - Raphael Ketani. I reviewed the 4th Quarter 2013 Site Status Update Report which was dated 2/3/14 and was submitted by Island Pump and Tank. The period covered was from 10/1/13 to 12/31/13. Monitoring and gauging took place on 10/8/13, 10/24/13, 11/7/13, 11/20/13, 12/5/13 and 12/26/13. Product was found in well MW-11 on each day at the following thicknesses and the respective amounts of liquid were collected: 1.73'/1.5 gals; 1.73'/0.5 gals; 0.04'/0.25 gals; 0.6'/0.5 gals; 0.59'/0.25 gals; 0.69'/1.0 gal. Groundwater sampling took place on 11/20/13: MW-1: 12 hits (all exceedences); 6 triple digit VOCs to 906 ppb MW-2: 6 hits (all exceedences); 4 triple digit VOCs to 507 ppb MW-3: 5 hits (all exceedences); 4 triple digit VOCs and one VOC at 1,020 ppb MW-4: 10 hits; up to 57.3 ppb I responded by e-mail and stated that the Department was approving the report. However, I also stated that we were concerned that there was no discussion regarding obtaining the access agreement. I asked Mr. Schieferstein [(631) 586-4900, ext 153 whether there was a problem and to get back in touch with the president and head of maintenance of the Garden. I looked through the case notes and found that Mr. Dooley (631)730-8686/ dooley@mcgiffhalverson.com had received a revised version of the access agreement on 7/22/13, but hadn't looked it over. I sent another e-mail informing Mr. Dooley and Mr. Schieferstein that the revised access agreement was in hand and asked them to move forward with the access agreement. 2/5/14 - Raphael Ketani. Mr. Dooley sent me an e-mail today stating that the access agreement would be presented to the condo Board at their next meeting. He will ask them to let him sign it. This should be in about 2 weeks or so. 5/29/14 - Raphael Ketani. As there has been no word regarding work at the site, I sent Mr. Dooley an e-mail requesting an update. 6/25/14 - Raphael Ketani. Since the 2/5/14 e-mail from Mr. Dooley, the DEC has not received any progress updates, nor the first quarter and second quarter 2014 groundwater monitoring reports. Therefore, I sent an e-mail again to Mr. Dooley requesting an update e-mail and the submission of the missing reports by July 11, 2014 concerning progress with remediating the oil spill. 7/17/14 - Raphael Ketani. Mr. Dooley sent me an e-mail today. He wrote that his clients signed the access agreement and it was sent to the DDC about two weeks ago. He will follow up with the DDC today by sending a hard copy of the agreement to them. I responded that the DEC still required the submission of the first quarter and second quarter 2014 groundwater sampling reports. I set a deadline of 8/8/14 for the submission of the reports and I stated that the sampling work must proceed OUTSIDE the Garden using the available wells. I reviewed the Island Tank & Pump (formerly Fenley & Nicol) 4/18/14 First Quarter 2014 Site Status Update Report. The monitoring period was from 1/1/14 to 3/31/14. Groundwater flow is to the southwest. Gauging and bailing at MW-11 took place on: 1/9/14 = 0.69' oil, recovered 0.25 gal. oil and water 1/23/14 = 0.33' oil, recovered 0.50 gal. oil and water 2/6/14 = 0.04' oil, recovered 0.25 gal. oil and water 2/20/14 = 0.03' oil, recovered 0.25 gal. oil and water 3/6/14 = 0.22' oil, recovered 0.25 gal. oil and water 3/20/14 = 0.03' oil, recovered 0.25 gal. oil and water Groundwater sampling took place on 2/20/14 at wells MW-1 to MW-4. The results were: MW-1 = mostly slightly above TOGS 1.1.1 standards; total xylenes 41 ppb, naphthalene 52 ppb MW-2 = 6 hits

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from 100 ppb to 470 ppb with 370 ppb benzene, rest slightly above TOGS MW-3 = 120 ppb total xylenes, 110 ppb 1,2,4-trimethylbenzene, rest slightly above TOGS MW-4 = almost entirely non-detect 8/19/14 - Raphael Ketani. I sent an e-mail to Mr. Dooley (631)730-8686/ dooley@mcgiffhalverson.com inquiring as to the status of the access agreement for the Queens Botanical Gardens. 11/21/14 - Raphael Ketani. I reviewed the Island Pump & Tank Third Quarter 2014 Site Status Update Report dated 11/17/14. The monitoring period was from 7/1/14 to 9/30/14. Gauging and monitoring took place at wells MW-1 to MW-4 and MW-11. Monitoring and gauging took place on 7/10/14, 8/1/14, 8/28/14, 9/11/14 and 9/22/14. During each monitoring event, old stained socks in MW-11 were replaced with new socks. A sock was placed in MW-1 on 9/11/14. 8/1/14 = 0.04' oil, recovered 0.25 gals. oil and water 8/28/14 = 0.45' oil, recovered 0.25 gals. oil and water 9/11/14 = 0.05' oil, recovered 0.25 gals. oil and water 9/22/14 = 0.06' oil, recovered 0.25 gals. oil and water Only MW-1 to MW-4 were sampled on 9/11/14. Groundwater flow was determined to be to the southwest. MW-1 had 1067 ppb of total VOCs. MW-2 had 2968 ppb of total VOCs and 760 ppb of benzene. MW-3 had 1285 ppb of total VOCs and 350 ppb of benzene. MW-4 was entirely non-detect. As of 9/22/14, a total of 13.75 gals. of oil and water were recovered from the wells. On 9/15/14, the access agreement between Elite Management and the Queens Botanic Gardens was signed by the City. 2/10/15 - Raphael Ketani. I reviewed the Island Pump & Tank Fourth Quarter 2014 Site Status Update Report dated 2/5/15. The monitoring period was from 10/1/14 to 12/31/14. Gauging and monitoring took place at wells MW-1 to MW-4 and MW-11. Monitoring and gauging took place on 10/7/14, 10/24/14, 11/14/14, 12/18/14 and 12/24/14. During each monitoring event, old stained socks in MW-11 were replaced with new socks. A sock was placed in MW-2 on 12/24/14. 10/7/14 = 0.10' oil, recovered 0.25 gals. oil and water 11/14/14 = 0.30' oil, recovered 0.25 gals. oil and water 12/18/14 = 0.82' oil, recovered 0.25 gals. oil and water 12/24/14 = 0.16' oil, recovered 0.25 gals. oil and water Only MW-1 to MW-4 were sampled on 11/14/14. Groundwater flow was determined to be to the southwest. MW-1 had 909 ppb of total VOCs. MW-2 had 1537 ppb of total VOCs. MW-3 had 1103 ppb of total VOCs. MW-4 had 8.71 ppb of total VOCs. As of 9/22/14, a total of 15.0 gals. of oil and water were recovered from the wells. Island Pump and Tank proposes to continue the groundwater monitoring and gauging and to conduct the investigation in the Queens Botanical Gardens that was agreed to in the Revised Supplemental Subsurface Investigation Work Plan dated 1/4/13. 4/21/15 - Raphael Ketani. I reviewed the Island Pump & Tank First Quarter 2015 Site Status Update Report dated 4/1/15. The monitoring period was from 1/1/15 to 3/31/15. Gauging and monitoring took place at wells MW-1 to MW-4 and MW-11. Monitoring and gauging took place on 1/9/15, 1/19/15, 2/19/15 and 3/19/15. During each monitoring event, old stained socks in MW-11 were replaced with new socks. Socks were replaced in MW-2 and MW-5 on 3/19/15. 1/9/15 = 0.48' oil, recovered 1.0 gals. oil and water 1/19/15 = 0.30' oil, recovered 1.0 gals. oil and water 2/19/15 = 0.03' oil, recovered 1.0 gals. oil and water 3/19/14 = 0.03' oil, recovered 1.0 gals. oil and water Only MW-1 to MW-4 were sampled on 2/19/15. Groundwater flow was determined to be to the west- southwest. MW-1 had 547 ppb of total VOCs. MW-2 had 1916 ppb of total VOCs. MW-3 had 376 ppb of total VOCs. MW-4 had 1.03 ppb of total VOCs. As of 9/22/14, a total of 19.0 gals. of oil and water were recovered from the wells. Island Pump and Tank proposes to continue the groundwater monitoring and gauging and

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to conduct the investigation in the Queens Botanical Gardens. Access to the Gardens is currently being discussed amongst staff from the condo management company, the Gardens and Island Pump and Tank. 7/7/15 - Raphael Ketani. I reviewed the Island Pump & Tank Second Quarter 2015 Site Status Update Report dated 7/6/15. The monitoring period was from 4/1/15 to 6/30/15. Gauging and monitoring took place at wells MW-1 to MW-4 and MW-11. Monitoring and gauging took place on 4/3/15, 4/17/15, 4/30/15, 5/14/15, 5/28/15, 6/19/15 and 6/30/15. During each monitoring event, old stained socks in MW-11 were replaced with new socks. Socks were placed in MW-1 to MW-5 at different times during this period. 4/3/15 = 0.04' oil, recovered 1.0 gals. oil and water 4/17/15 = 0.02' oil, recovered 0.5 gals. oil and water 4/30/15 = (no data) 5/15/15 = 0.02' oil, recovered 0.5 gals. oil and water 5/28/14 = (no data) 6/19/15 = (no data) 6/30/15 = (no data) Only MW-1 to MW-4 were sampled on 5/14/15. Groundwater flow was determined to be to the west- southwest. MW-1 had 517 ppb of total VOCs. MW-2 had 1552 ppb of total VOCs. MW-3 had 340 ppb of total VOCs. MW-4 had 3.24 ppb of total VOCs. As of 6/30/15, a total of 20.5 gals. of oil and water were recovered from the wells. Island Pump and Tank proposes to continue the groundwater monitoring and gauging and to conduct the investigation in the Queens Botanical Gardens. A meeting took place today between staff from the Gardens and the consultant regarding the off site investigation plan, as in the approved 1/4/13 Revised Supplemental Subsurface Investigation Work Plan. 8/10/15 - Raphael Ketani. Paul Guensch from Velocity Commercial Real Estate (215) 619-2556 called and left a message on 8/7/15. He said that he was reviewing a mortgage for the condominium and wanted to know whether the associated spill had been cleaned up. His email address was pguensch@velocitycommercial.com. I sent him an email stating the present status of the spill case. I included the comments that product was still appearing in a few wells and that further spill delineation was going to take place. 8/25/15 - Raphael Ketani. As the contamination delineation had not yet taken place, I sent an email to Mr. Schieferstein (631) 586-4900, ext 153/matts@islandpumpandtank.com) and Mr. Dooley (631)730-8686/dooley@mcgiffhalverson.com) requesting an update. Mr. Schieferstein responded back to me with a phone call. He said that well placement negotiations with the head of operations and maintenance at the Garden have been very difficult. This person refused to let Island Pump and Tank place a well directly downgradient to MW-11. He said that the location was in the Garden's bioswale and that this was never going to happen. He suggested using the already installed MW-12 as the downgradient. I told Mr. Schieferstein to send me a marked up map with the suggestions made by the head of operations for the alternate locations. He said that he will. 9/1/15 - Raphael Ketani. Mr. Schiferstein sent me a map showing the proposed boring locations inside the Garden area. The staff at the Garden objected to the boring location which would be directly downgradient to MW-11 because it would be in their bioswale. They preferred a location that was just upgradient of MW-12. I replied that a better location would be where the words 3000 gallon UST appear on the map. I asked Mr. Schiferstein by email to keep the DEC informed about what transpires with the location negotiations. 9/18/15 - Raphael Ketani. Mr. Schiferstein sent me a new map yesterday depicting the bioswale area for the Garden. From viewing the map, it was clear that my suggestion for the new well location was within the bioswale and, so, not possible. I responded by email

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to Mr. Schiferstein and wrote that the proposed location about midway between MW-11 and MW-12 would be fine - the Department was approving this location. 10/23/15 - Raphael Ketani. I reviewed the Island Pump & Tank Third Quarter 2015 Site Status Update Report dated 10/13/15. The monitoring period was from 7/1/15 to 9/30/15. Gauging and monitoring took place at wells MW-1 to MW-4 and MW-11. Monitoring and gauging took place on 7/15/15, 7/30/15, 9/3/15, and 9/18/15. Product has not been recovered since the 5/28/15 gauging event. MW-1 to MW-4 and MW-11 were sampled on 8/21/15. Groundwater flow was determined to be to the southwest. MW-1: 52 ppb benzene, 230 ppb total xylenes, 130 ppb each naphthalene and 1,2,4-trimethylbenzene, 110 ppb ethylbenzene, 5 low to moderate (double digit) hits, 4 non-detects MW-2: 740 ppb benzene, 580 ppb total xylenes, 330 ppb ethylbenzene, 320 ppb 1,2,4-trimethylbenzne, 110 ppb each naphthalene and 1,3,5-trimethylbenzene, 4 low to moderate hits, 4 non-detects MW-3: 670 ppb benzene, 400 ppb total xylenes, 170 ppb 1,2,4-trimethylbenzene, 160 ppb ethylbenzene, 6 low to moderate hits, 4 non-detects MW-4: 14 non-detects to very low hits MW-11: 86 ppb benzene, 1600 ppb total xylenes, 700 ppb 1,2,4-trimethylbenzene, 420 ppb ethylbenzene, 250 ppb 1,3,5-trimethylbenzene, 160 ppb naphthalene, 4 low to moderate hits, 4 non-detects Island Pump and Tank proposes to continue the groundwater monitoring and gauging, sampling the groundwater, submit a detailed site status report during January 2016 and conduct the additional investigation in the Queens Botanical Gardens. 11/10/15 - Raphael Ketani. I received an email today from Kalli Grigoropoulos, Compliance Manager, of All Area Realty Services, Inc. (99 Tulip Ave., Ste 302, Floral Park, NY, 11001, (718) 721-0700 x 119/ kallig@aarsny.com). She stated that AARS was the new property manager for Flushing Gardens Condos and she wanted to know the disposition or status of the spill. In response, I sent an email containing a map of the site and the monitoring array and the current case notes. I also explained that the source of the contamination was gasoline from the two tanks that are depicted in the drawing. I asked that the condo board, AARS and Island Tank work hard to engage staff at the Queens Botanical Gardens and install the additional wells. 12/14/15 - Raphael Ketani. As there has been no groundwater sampling since 8/21/15, I sent an email to Mr. Grigoropoulos requesting that sampling take place and that Island Pump & Tank proceed with the next phase of the groundwater contamination delineation as the access agreement was now in place. Mr. Schieferstein of Island Pump and Tank sent me a response email stating that the fourth quarter 2015 groundwater monitoring report was being written right now. The DEC should receive it in January 2016. He added that the new management company for the condo association, AARS, was not letting them conduct further work until they review the oil spill case file. 1/26/16 - Raphael Ketani. I reviewed the Island Pump & Tank Fourth Quarter 2015 Site Status Update Report dated 1/19/16. The monitoring period was from 10/1/15 to 12/31/15. Gauging and monitoring took place at wells MW-1 to MW-4 and MW-11. Monitoring and gauging took place on 10/2/15, 10/15/15, 10/29/15, 11/27/15, 12/10/15 and 12/24/15. Product has not been recovered since the 5/28/15 gauging event. Product has continued to appear in MW-11 and has varied from 0.01' to 0.18' (11/27/15). Socks have continued to be installed and replaced in the well. MW-1 to MW-4 and MW-11 were sampled on 11/12/15. Groundwater flow was determined to be to the southwest. MW-1: total BTEX = 287 ppb, total VOCs = 602.7 ppb MW-2: total BTEX = 679 ppb, total VOCs = 1230 ppb MW-3:

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total BTEX = 660 ppb, total VOCs = 1213.7 ppb MW-4: total BTEX = 1.2 ppb, total VOCs = 19.3 ppb MW-11: no sample, product in well Island Pump and Tank proposes to continue the groundwater monitoring and gauging, sampling the groundwater, submit a detailed site status report during the next quarter and conduct the additional investigation in the Queens Botanical Gardens. 4/19/16 - Raphael Ketani. As the first quarter 2016 monitoring report had not been submitted, I sent an email to Ms. Grigoropoulos, Compliance Manager, of All Area Realty Services, Inc.((718) 721-0700 x 119/ kallig@aarsny.com), Mr. Schieferstein (631) 586-4900, ext 153/matts@islandpumpandtank.com) and Mr. Dooley (631)730-8686/dooley@mcgiffhalverson.com) requesting the report and a progress update. I also asked about progress accessing the wells and installing new wells within the Queens Botanical Garden. I told her that the access agreement had been signed by all parties. So, there was no reason for any further delays. 5/2/16 - Raphael Ketani. I reviewed the Island Pump & Tank First Quarter 2016 Site Status Update Report dated 4/12/16. The monitoring period was from 1/1/16 to 3/31/16. Gauging and monitoring took place at wells MW-1 to MW-4 and MW-11. Monitoring and gauging took place on 1/8/16, 1/18/16, 2/8/16, 2/12/16, 3/2/16 and 3/24/16. Product was not seen in any of the wells. MW-1 to MW-4 and MW-11 were sampled on 2/12/16. Groundwater flow was determined to be to the southwest. MW-1: total BTEX = 248 ppb, total VOCs = 367.8 ppb (benzene 45 ppb) MW-2: total BTEX = 1880 ppb, total VOCs = 2683 ppb (benzene 920 ppb) MW-3: total BTEX = 332 ppb, total VOCs = 568.4 ppb (benzene 100 ppb) MW-4: total BTEX = 72.1 ppb, total VOCs = 51.9 ppb (benzene 4.2 ppb) MW-11: total BTEX = 1096 ppb, total VOCs = 2297.5 ppb (benzene 23 ppb) Island Pump and Tank proposes to continue the groundwater monitoring and gauging, sampling the groundwater, submit a detailed site status report during the next quarter and conduct the additional investigation in the Queens Botanical Gardens. 5/4/16 - Raphael Ketani. On 5/3/16, Qi Zhuang of the Board of Flushing Gardens Condominium (magic448@hotmail.com) sent me an email regarding: 1) the present status of the oil spill case 2) the groundwater contamination limits 3) the purpose of installing a well in the Queens Botanical Gardens 4) whether the spill case will be closed if no oil is found in this off site well 5) what they should do if contamination is found in the well It was also stated that the Garden well installation will take place as soon as possible. I responded by email and stated that: 1) the spill case will remain open until the product is completely collected and the groundwater chemical concentrations are at or below the TOGS 1.1.1 groundwater standards and the soil chemical concentrations are at or below the CP-51 unrestricted residential soil standards 2) a pdf containing the pertinent groundwater and soil standards has been attached to the email 3) the purpose of installing the well in the Garden is to see whether the product that consistently appears in MW-11 has migrated under the Garden 4) the spill case will not be closed until conditions in item #1 are met 5) the contamination in the new well must be completely collected and a work plan for the installation of additional wells for delineating the extent of the contamination may be necessary 6/23/16 - Raphael Ketani. As there have been updates regarding progress with the remediation of the spill, I sent an email to Mr. Zhuang, Mr. Dooley, Mr. Schieferstein and Ms. Grigoropoulos requesting an email update. 6/24/16 - Raphael Ketani. Mr. Liu [(718) 721-0700/ james.liu@aarsny.com] sent me a letter from Island Pump and Tank dated 6/21/16 which requests

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authorization to proceed with the additional subsurface investigation in the Queens Botanical Garden. The letter was signed by Mr. Zhuang, President of Flushing Gardens Condominium, granting authorization to conduct the work. Mr. Zhuang dated the letter 6/22/16. I sent an email to Mr. Liu requesting the start date of the additional investigation. 7/25/16 - Raphael Ketani. Mr. Schieferstein [(631) 586-4900, ext 153/ matts@islandpumpandtank.com] sent me the Island Pump and Tank Second Quarter 2016 Site Status Update Report dated 7/18/16. He also stated in his email that once the Queens Botanical Gardens accepts Island Pump and Tank's insurance, then they will apply for the NYC DOT permit for drilling in the garden. The monitoring period was from 4/1/16 to 6/30/16. Gauging and monitoring took place at wells MW-1 to MW-4 and MW-11. Monitoring and gauging took place on 4/8/16, 4/20/16, 5/3/16, 5/19/16, 6/2/16 and 6/17/16. Product was not seen in any of the wells. MW-1 to MW-4 and MW-11 were sampled on 5/3/16. Groundwater flow was determined to be to the southwest. MW-1: total BTEX = 410 ppb, total VOCs = 718.7 ppb (benzene 48 ppb) MW-2: total BTEX = 25 ppb, total VOCs = 56.64 ppb (benzene 4.3 ppb) MW-3: total BTEX = 940 ppb, total VOCs = 1476.7 ppb (benzene ND ppb) MW-4: total BTEX = 30 ppb, total VOCs = 50.81 ppb (benzene 5.2 ppb) MW-11: total BTEX = 1046 ppb, total VOCs = 2055.7 ppb (benzene 29 ppb) 10/20/16 - Raphael Ketani. Mr. Schieferstein [(631) 586-4900, ext 153/ matts@islandpumpandtank.com] sent me the Island Pump and Tank Third Quarter 2016 Site Status Update Report dated 10/11/16. He also stated in the cover letter that Island Pump and Tank will conduct the drilling in the garden as per the January 4, 2013 Revised Supplemental Subsurface Investigation Work Plan. The monitoring period was from 7/1/16 to 9/30/16. Gauging, monitoring and hand bailing of product took place at wells MW-1 to MW-4 and MW-11 on 7/7/16, 7/21/16, 8/19/16, 9/2/16 and 9/30/16. There was only a trace of product in MW-11. MW-1 to MW-4 and MW-11 were sampled on 8/19/16. Groundwater flow was determined to be to the southwest. MW-1: total BTEX = 522 ppb, total VOCs = 974.95 ppb (benzene 51 ppb) MW-2: total BTEX = 2560 ppb, total VOCs = 3423.9 ppb (benzene 1200 ppb) MW-3: total BTEX = 994 ppb, total VOCs = 1311.4 ppb (benzene 550 ppb) MW-4: total BTEX = 2.29 ppb, total VOCs = 4.30 ppb (benzene 0.24 ppb) MW-11: total BTEX = 1535 ppb, total VOCs = 2457 ppb (benzene 97 ppb) 12/20/16 - Raphael Ketani. Doug Sullivan (973) 434-6316 called me today. I returned his phone call, but could only leave a message. 12/21/16 - Raphael Ketani. Mr. Sullivan (dsullivan@dewberry.com) called me back. He stated that he was from Dewberry, an engineering and environmental firm run by engineers and scientists. He added that his company is doing green infrastructure planning and construction work for the City. Specfically, they are doing bioswales for street storm water management. In preparation for the construction, they are looking at the various proposed sites throughout the City and doing hazardous constraints reviews. What this means is that they are looking to see whether hazardous material is present at a prospective construction location. Mr. Sullivan went on to explain that they do not want to dig where there is hazardous material below grade. Each prospective swale site would be drilled to see what the underlying materials are. Mr. Sullivan asked about the nature of the subsurface in the vicinity of the condominium and the status of the spill. I explained that the area was a former swamp that was filled in with coal combustion waste and that the spill was from two gas tanks that serviced a school bus company where the condos now stand. I added that there is contaminated soil and groundwater. He thanked me for

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the information and asked whether I could send him a document showing where the swamp had been filled with coal combustion waste. I said that I would look in our archives for the report. After this, the conversation ended. 1/4/17 - Raphael Ketani. Ms. Kristin Guzzardo, senior geologist [(631) 462-2226/ kristing@islandpumpandtank.com], sent me the Island Pump and Tank Fourth Quarter 2016 Site Status Update Report dated 1/3/16. She also stated in the cover letter that Island Pump and Tank will conduct the drilling in the garden as per the January 4, 2013 Revised Supplemental Subsurface Investigation Work Plan. The monitoring period was from 10/1/16 to 12/31/16. Gauging, monitoring and hand bailing of product took place at wells MW-1 to MW-4 and MW-11 on 10/12/16, 10/28/16, 11/11/16, 11/30/16, 12/13/16 and 12/30/16. There was only a trace of product in MW-11. MW-1 to MW-4 and MW-11 were sampled on 1/11/16. Groundwater flow was determined to be to the southwest. MW-1: total BTEX = 264 ppb, total VOCs = 486 ppb (benzene 31 ppb) MW-2: total BTEX = 1640 ppb, total VOCs = 2334 ppb (benzene 820 ppb) MW-3: total BTEX = 937 ppb, total VOCs = 1299 ppb (benzene 430 ppb) MW-4: total BTEX = 0 ppb, total VOCs = 4 ppb (benzene 0 ppb) MW-11: total BTEX = 2026 ppb, total VOCs = 3229 ppb (benzene 65 ppb) I finished my review, but noted that there didn't seem to be any improvement in the groundwater analytical concentrations for the samples from wells MW-1 to MW-3. I sent an email to Ms. Guzzardo stating that the high benzene concentrations in the samples from wells MW-2 and MW-3 suggested the presence of old product in the gasoline USTs that were still on site. Additionally, as MW-3 and MW-11 are downgradient from MW-2, I stated that the gasoline from the UST near MW-2 appears to be traveling to these wells. I explained to Ms. Guzzardo that this spill case may take a very long time to close unless the gasoline in the USTs is removed and the soil is treated. I asked that a work plan be submitted to the DEC for addressing the problem. 1/9/17 - Raphael Ketani. Ms. Guzzardo [(631) 462-2226/ kristing@islandpumpandtank.com] responded by email and stated: Within our site history, we have noted that a GPR survey was performed in 2012, resulting with no identified USTs observed. It was suggested that although two (2) USTs are present on a 1934 Sanborn map, based upon the GPR results, they were previously removed. Being that the subject building was erected with a basement in 1965, we were looking on the Department of Buildings website and did not seem to locate any information regarding these tanks. Do you potentially have different knowledge that there are existing tanks at the site? With product? We completely understand the severity of the contamination at the site. We have been attempting to acquire access for several months. Additionally, we are trying to reach a mutually agreeable date between the Queens Botanical Gardens and All Area Realty Services, Inc. to move forward with our previously submitted (and accepted) Revised Supplemental Subsurface Investigation Work Plan. Please let me know your thoughts. Kristin 1/18/17 - Raphael Ketani. I responded by email and stated: Sanborn maps are not always accurate. For some locations, tanks may be shown as existing on some maps and then not existing on later ones. Also, the number of tanks may not be accurate. Flushing Gardens Condominium and Island Pump and Tank have to investigate the locations which are depicted on the 1934 Sanborn map as having tanks. The high benzene concentrations are very persistent and suggest product somewhere in the vicinity of MW-2 and MW-3. Either there are tanks still existing at their original location or the soil in the vicinity of the former tank locations is very contaminated. A work plan must be submitted to the Department

FLUSHING GARDENS CONDOMINIUM (Continued) **S111457597**

describing how the persistent contamination is going to be investigated. Additionally, I stated the following: Regarding the continued lack of access to the Queens Botanic Garden, please send the Department the name and address of the contact person at the Garden. Staff at the Department will attempt to expedite access by sending a letter to this person explaining the importance of installing wells on the property. 1/25/17 - Raphael Ketani. Ms. Guzzardo [(631) 462-2226/ kristing@islandpumpandtank.com] sent me the following email: We are in receipt of your previous email and are currently developing a price proposal for the completion of a new GPR survey at the site. We hope with the performance of a current GPR, we can attain new information regarding the presence/absence of USTs at the site in an attempt to explain the persistent contaminant levels. As soon as we secure a proper proposal, we will be notifying the client of such. Additionally, we would like to inquire about your availability and the possibility of you meeting us onsite during the performance of the GPR Survey. At that time, we can discuss remedial options and gather physical evidence of potential possibilities. I responded to Ms. Guzzardo by email and stated that Island Pump and Tank's plans were acceptable and that I will meet her at the site on the day that the GPR survey takes place. Additionally, I asked Ms. Guzzardo to give me 3 business days notice prior to the date of the survey so that I can arrange my schedule in preparation for observing the field work. 3/7/17 - Raphael Ketani. Matthew Abbott of Island Pump and Tank [(631) 462-2226/cell (631) 637-1721/matthewa@islandpumpandtank.com] sent me an email stating that the GPR survey for the USTs will take place on 3/17/17. 3/15/17 - Raphael Ketani. Mr. Abbott sent me an email stating that, due to the storm and ice on the property, the GPR survey will be rescheduled and will take place on March 22nd. I replied by email that this was fine. 3/27/17 - Raphael Ketani. Mr. Abbott sent me an email today stating that the new date for the GPR survey will be 3/29/17. I agreed to the date and indicated that I will be there to observe the results of the survey. 3/29/17 - Raphael Ketani. The GPR survey took place as planned today. In attendance were Michele Biase (bee-a-zee) of Island Pump and Tank, James the property manager and staff from Utility Locating Service, Lindenhurst, NY (631) 979-2890. Utility Locating Service first did the mark outs for the gas and water services. Then they searched for the two USTs which had been in front of the building. However, they didn't find anything. Next, they searched behind the building for any USTs by scanning the parking lot with the GPR device. Again, nothing was found. Having finished the surveying, I left the site. 5/3/17 - Raphael Ketani. I reviewed the Island Pump and Tank First Quarter 2017 Site Status Update Report dated 4/29/17. The monitoring period was from 1/1/17 to 3/31/17. Gauging and monitoring took place at wells MW-1 to MW-4 and MW-11 on 1/13/17, 1/26/17, 2/13/17, 3/3/17, 3/17/17 and 3/29/17. There was only a trace of product in MW-11 on 2/13/17. A GPR survey of the site took place on 3/29/17. MW-1 to MW-4 and MW-11 were sampled on 2/13/17. Groundwater flow was determined to be to the southwest. MW-1: total BTEX = 82 ppb, total VOCs = 120 ppb (benzene 11 ppb) MW-2: total BTEX = 1527 ppb, total VOCs = 2104 ppb (benzene 600 ppb) MW-3: total BTEX = 375 ppb, total VOCs = 524 ppb (benzene 160 ppb) MW-4: total BTEX = 0.51 ppb, total VOCs = 1.3 ppb (benzene 0 ppb) MW-11: total BTEX = 642 ppb, total VOCs = 1235 ppb (benzene 22 ppb) I found the report to be acceptable. Also, Mr. Abbott requested in his email that the product collection events take place less frequently.

FLUSHING GARDENS CONDOMINIUM (Continued) **S111457597**

He suggested that the events take place monthly. I responded by email that the product collection events can take place quarterly. 6/23/17 - Raphael Ketani. I reviewed the Island Pump and Tank Second Quarter 2017 Site Status Update Report dated 6/23/17. The monitoring period was from 4/12/17 to 5/19/17. Gauging and monitoring took place at wells MW-1 to MW-4 and MW-11 on 4/12/17, 4/27/17 and 5/19/17. Product was not found in any of the wells during this quarter. MW-1 to MW-4 and MW-11 were sampled on 5/19/17. Groundwater flow was determined to be to the southwest. MW-1: total BTEX = 468 ppb, total VOCs = 845 ppb (benzene 38 ppb) MW-2: total BTEX = 1150 ppb, total VOCs = 1942 ppb (benzene 0 ppb) MW-3: total BTEX = 178 ppb, total VOCs = 374 ppb (benzene 34 ppb) MW-4: total BTEX = 0 ppb, total VOCs = 7.2 ppb (benzene 0 ppb) MW-11: total BTEX = 435 ppb, total VOCs = 822 ppb (benzene 13 ppb) After having reviewed the Second Quarter 2017 Site Status Update Report and the historical data contained therein, I sent an email to Mr. Abbott [(631) 462-2226/cell (631) 637-1721/ matthewa@islandpumpandtank.com] stating that the Department will not close the spill case at this time. I explained that our concerns were the high historical total VOCs concentrations and the historically high benzene concentrations in the samples from MW-2 and MW-3. The Department will consider spill closure only if the third quarter 2017 analytical results demonstrate a trend of persistent low concentrations. 11/3/17 - Raphael Ketani. As the third quarter 2017 update report was overdue, I sent an email to Mr. Liu [(718) 721-0700/ james.liu@aarsny.com], Mr. Abbott [(631) 462-2226/cell (631) 637-1721/matthewa@islandpumpandtank.com] and Ms. Guzzardo [(631) 462-2226/ kristing@islandpumpandtank.com] requesting the document. Mr. Liu responded later by email to Mr. Abbott and Ms.Guzzardo and asked them to Please take care of this asap. 11/6/17 - Raphael Ketani. I reviewed the Island Pump and Tank Third Quarter 2017 Site Status Update Report dated 11/6/17. The monitoring period was from June to August. Gauging and monitoring took place at wells MW-1 to MW-4 and MW-11 on 4/12/17, 4/27/17 and 5/19/17. Product was not found in any of the wells during this quarter. Due to a previous rain event, MW-1 to MW-4 were sampled on 8/18/17 and MW-11 was sampled on 8/25/17. Groundwater flow was determined to be to the southwest. MW-1: total BTEX = 229 ppb, total VOCs = 442 ppb (benzene 24 ppb) MW-2: total BTEX = 1144 ppb, total VOCs = 1680 ppb (benzene 490 ppb) MW-3: total BTEX = 1162 ppb, total VOCs = 1470 ppb (benzene 660 ppb) MW-4: total BTEX = 0 ppb, total VOCs = 0.8 ppb (benzene 0 ppb) MW-11: total BTEX = 1052 ppb, total VOCs = 2051 ppb (benzene 34 ppb) After having reviewed the Third Quarter 2017 Site Status Update Report, I sent an email to Mr. Abbott [(631) 462-2226/cell (631) 637-1721/ matthewa@islandpumpandtank.com] stating that the report was incomplete as Figure 3 contained 5/19/17 data from the last report. 1/22/18 - Raphael Ketani. I reviewed the Island Pump and Tank Fourth Quarter 2017 Site Status Update Report dated 1/19/18. Monitoring took place on 11/30/17. Gauging and monitoring took place at wells MW-1 to MW-4 and MW-11 on 4/12/17, 4/27/17 and 5/19/17. Product was not found in any of the wells during this quarter. Groundwater flow was determined to be to the southwest. MW-1: total BTEX = 327 ppb, total VOCs = 530 ppb (benzene 33 ppb) MW-2: total BTEX = 906 ppb, total VOCs = 1294 ppb (benzene 390 ppb) MW-3: total BTEX = 972 ppb, total VOCs = 1273 ppb (benzene 540 ppb) MW-4: total BTEX = 0 ppb, total VOCs = 0 ppb (benzene 0 ppb) MW-11: total BTEX = 1213 ppb, total VOCs = 1854 ppb (benzene 34 ppb) A review of the case record showed that the analytical results for groundwater samples collected during 2014

FLUSHING GARDENS CONDOMINIUM (Continued) **S111457597**

to 2017 had demonstrated overall either somewhat stable trends for total VOCs or slightly decreasing trends. The results also demonstrated that benzene had existed at high concentrations in samples from MW-2 and MW-3 over the past several years. No USTs were ever found at the site despite two geophysical survey events, one of which was observed by this spill manager. Therefore, the source of this specific contamination is most likely some contaminated soil under the sidewalk where the utilities are located. Because of the presence of the utilities, excavation was not an option and neither was solution treatment. Additionally, the floating product had not been present in the wells for many quarters. Lastly, there were never any odor complaints of oil or gasoline from any of the residents. In light of the above information, it has been determined that any residual contamination would not be a threat to the public or the environment. There are no sensitive receptors immediately downgradient to the spill. As such, the spill case is being closed effective today, 1/22/18. A spill closure letter was sent to Mr. Zhuang of the Condo Board, along with C-Cs to Mr. Dooley, Mr. Liu and Mr. Abbott.

---------- MW-11: monit. 1/13/17, 1/26/17, 2/13/17, 3/17/17, 3/29/17, 4/12/17, 4/27/17, 5/19/17 - trace product 2/13/17, all other wells never product Qns Botancl Grdn case #0109707: MW-12 = no product, no soil results, screen comparable elevation to MW-11, MW-12 gw results all VOCs and SVOCs = ND except 1.5 ppb MTBE as per LiRo Engineers 9/14/11 Phase II Kalli Grigoropoulos, Compliance Manager, of All Area Realty Services, Inc. (99 Tulip Ave., Ste 302, Floral Park, NY, 11001, (718) 721-0700 x 119/ kallig@aarsny.com) Kristin Guzzardo [(631) 462-2226/ kristing@islandpumpandtank.com Matthew Abbot matthewa@islandpumpandtank.com Qi Zhuang of the Board of Flushing Gardens Condominium (magic448@hotmail.com) Robert Dooley McGiff Halverson (631)730-8686/dooley@mcgiffhalverson.com) Tim Thayer NYC Office of Cultural Affairs (tthayer@culture.nyc.gov) June 8, 2018 - V.B. E-mail from consultant: Good morning, Mr. Brevdo, IPT decommissioned the five (5) monitoring wells at the above referenced site as per CP-43 (grouting-in-place method) on April 26 & 27, 2018. Do you require any additional documentation, or will this email suffice? Thank you, Matthew K. Abbott Sr. Project Manager Environmental Services Department Island Pump & Tank Corp. 40 Doyle Court East Northport, NY 11731 Telephone: +1 631-462-2226 FAX: +1 631-493-9486 **(NEW) Mobile: +1 631-433-2946 (NEW)** June 8, 2018 - V.B. DEC's E-mail response to consultant: Mr. Abbott: The spill case has been closed in January of this year. Your e-mail is sufficient for notification of the well decommissioning. Contact me if you have further questions. Thank you. Vadim Brevdo Vadim Brevdo, P.E. Professional Engineer 2, Division of Environmental Remediation New York State Department of Environmental Conservation 47-40 21st Street, Long Island City, NY 11101 P: (718) 482-4928 - F: (718) 482-6390 - vadim.brevdo@dec.ny.gov www.dec.ny.gov - - "

Remarks: "Spill found through off site investigation of Queens Botanical Garden."

All Materials:

Site ID:	459813
Operable Unit ID:	1209908
Operable Unit:	01
Material ID:	2207456
Material Code:	0009

FLUSHING GARDENS CONDOMINIUM (Continued) **S111457597**

Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	200.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

8
ESE
< 1/8
0.098 mi.
515 ft.

SPILL NUMBER 0009996 **NY Spills** **S104879681**
5645 136TH ST **N/A**
FLUSHING, NY

Relative:
Higher

Actual:
58 ft.

SPILLS:

Name:	SPILL NUMBER 0009996
Address:	5645 136TH ST
City,State,Zip:	FLUSHING, NY
Spill Number/Closed Date:	0009996 / 2001-03-20
Facility ID:	0009996
Facility Type:	ER
DER Facility ID:	113022
Site ID:	131179
DEC Region:	2
Spill Cause:	Human Error
Spill Class:	B3
SWIS:	4101
Spill Date:	2000-12-05
Investigator:	JMKRIMGO
Referred To:	Not reported
Reported to Dept:	2000-12-05
CID:	257
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2000-12-05
Spill Record Last Update:	2001-03-20
Spiller Name:	Not reported
Spiller Company:	PETRO OIL
Spiller Address:	5560 58TH ST
Spiller Company:	001
Contact Name:	ROSE GUIDO
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was KRIMGOLD CLEANED UP BY RP (PETRO OIL)."
Remarks:	"driver went to wrong house - cleanup crew on the way"

All Materials:

Site ID:	131179
Operable Unit ID:	832141
Operable Unit:	01
Material ID:	543921

SPILL NUMBER 0009996 (Continued) **S104879681**

Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	8.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

C9 **ROADWAY** **NY Spills** **S102402035**
SSW **COLLEGE PT BLVD/BOOTH MEM** **N/A**
< 1/8 **QUEENS, NY**
0.104 mi.
547 ft. **Site 1 of 3 in cluster C**

Relative:
Higher

Actual:
18 ft.

SPILLS:

Name:	ROADWAY
Address:	COLLEGE PT BLVD/BOOTH MEM
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	9607499 / 1998-05-27
Facility ID:	9607499
Facility Type:	ER
DER Facility ID:	144652
Site ID:	171875
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	4101
Spill Date:	1996-09-11
Investigator:	JHOCONNE
Referred To:	Not reported
Reported to Dept:	1996-09-13
CID:	311
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1996-09-13
Spill Record Last Update:	1998-05-27
Spiller Name:	SAME
Spiller Company:	CON EDISON
Spiller Address:	128 WEST END AVENUE
Spiller Company:	001
Contact Name:	PAT MCHUGH
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'CONNELL "
Remarks:	"caller states a leak on a compressor caused the spill. minor leak noticed (sheen) called in at that time"

All Materials:

Site ID:	171875
Operable Unit ID:	1038660

ROADWAY (Continued) **S102402035**

Operable Unit:	01
Material ID:	346757
Material Code:	0015
Material Name:	motor oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

C10 **COLLEGE POINT BLVD.** **NY Spills** **S106698522**
SSW **AT BOOTH MEMORIAL AVE** **N/A**
< 1/8 **QUEENS, NY**
0.104 mi.
547 ft. **Site 2 of 3 in cluster C**

Relative:
Higher

Actual:
18 ft.

SPILLS:

Name:	COLLEGE POINT BLVD.
Address:	AT BOOTH MEMORIAL AVE
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	0405599 / 2004-08-23
Facility ID:	0405599
Facility Type:	ER
DER Facility ID:	106269
Site ID:	122582
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C4
SWIS:	4101
Spill Date:	2004-08-22
Investigator:	MXTIPPLE
Referred To:	Not reported
Reported to Dept:	2004-08-22
CID:	71
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Local Agency
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2004-08-22
Spill Record Last Update:	2004-08-23
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	LT. MURRAY
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIPPLE "
Remarks:	"A/C UNIT ON TRACTOR TRLR BOX TRUCK LEAKING COMBINATION OF ANTI-FREEZE AND HYDRAULIC FLUID. CONTAINED WITH SPEEDY DRY. CLEAN UP IN PROGRESS, HAZ-MAT ON SCENE"

COLLEGE POINT BLVD. (Continued) **S106698522**

All Materials:

Site ID:	122582
Operable Unit ID:	889142
Operable Unit:	01
Material ID:	486374
Material Code:	0010
Material Name:	hydraulic oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	10.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

B11 **NORTH SHORE TOYOTA** **NY LTANKS S101508986**
ENE **134-37 DAHLIA STREET** **NY Spills N/A**
< 1/8 **FLUSHING, NY**
0.104 mi.
549 ft. **Site 3 of 4 in cluster B**

Relative: **Higher**
Actual: **20 ft.**

LTANKS:

Name:	NORTH SHORE TOYATA
Address:	134-37 DAHLIA AVENUE
City,State,Zip:	FLUSHING, NY
Spill Number/Closed Date:	9414531 / 2006-01-31
Facility ID:	9414531
Site ID:	97729
Spill Date:	1995-02-03
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	C3
Cleanup Ceased:	2006-01-31
SWIS:	4101
Investigator:	DJCHIUSA
Referred To:	Not reported
Reported to Dept:	1995-02-03
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1995-02-03
Spill Record Last Update:	2006-02-08
Spiller Name:	Not reported
Spiller Company:	OWNER
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	87031
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was M

NORTH SHORE TOYOTA (Continued) **S101508986**

TIBBE 2/12/2003- AUSTIN As per directive to close out spills with no recent history. 02/18/04 - REOPENED BECUASE A FILE EXISTS. Tranferred from Tibbe to Chiusano. 01/31/06 - Spill closed - older than 1 year and less than 25 gallons spilled"

Remarks: "TANK TEST FAILURE"

All TTF:

Facility ID:	9414531
Spill Number:	9414531
Spill Tank Test:	1543595
Site ID:	97729
Tank Number:	Not reported
Tank Size:	0
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	97729
Operable Unit ID:	1008107
Operable Unit:	01
Material ID:	373266
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

SPILLS:

Name:	NORTH SHORE TOYOTA
Address:	134-37 DAHLIA STREET
City,State,Zip:	FLUSHING, NY
Spill Number/Closed Date:	9414394 / 2006-04-14
Facility ID:	9414394
Facility Type:	ER
DER Facility ID:	189544
Site ID:	229973
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C3
SWIS:	4101
Spill Date:	1995-01-31
Investigator:	AJSYLVES
Referred To:	KNIZEK
Reported to Dept:	1995-01-31

NORTH SHORE TOYOTA (Continued) **S101508986**

CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	2006-04-14
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1995-02-03
Spill Record Last Update:	2006-04-14
Spiller Name:	Not reported
Spiller Company:	SAME
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was M TIBBE 10/10/95: This is additional information about material spilled from the translation of the old spill file: WASTE/MOTOR OIL. Reaasigned from O'Dowd to Tibbe on 9/26/02. Spill had a close date of 1/31/95. This must have been a mistake. Spill reopened on 9/26/02. 2/28/2003 - Austin, As per directive to closeout spills with no recent history, closed out. Tranferred from Tibbe to Sylvester. 04/14/06 - Spill closed - older than 1 year and less than 25 gallons spilled 02/18/04 - REOPENED BECAUSE A FILE EXISTS. TRANSFERED FROM O'DOWD TO TIBBE."
Remarks:	"REMOVING TANKS FROM GROUND AND FOUND STAINED/CONTAMINATED SOIL."

All Materials:

Site ID:	229973
Operable Unit ID:	1007973
Operable Unit:	01
Material ID:	373136
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

B12 **NORTH SHORE TOYOTA** **NY UST** **U003031044**
ENE **134-37 DAHLIA STREET** **N/A**
< 1/8 **FLUSHING, NY 11355**
0.104 mi.
549 ft. **Site 4 of 4 in cluster B**

Relative:
Higher

Actual:
20 ft.

UST:

Name:	NORTH SHORE TOYOTA
Address:	134-37 DAHLIA STREET
City,State,Zip:	FLUSHING, NY 11355
Id/Status:	2-602578 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2

NORTH SHORE TOYOTA (Continued) **U003031044**

Expiration Date:	12/28/2000
UTM X:	598965.79018
UTM Y:	4511826.67422
Site Type:	Other

Affiliation Records:

Site Id:	24535
Affiliation Type:	Facility Owner
Company Name:	EDWARD B. MENIN
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	205-11 NORTHERN BLVD.
Address2:	Not reported
City:	BAYSIDE
State:	NY
Zip Code:	11364
Country Code:	001
Phone:	Not reported
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	24535
Affiliation Type:	Mail Contact
Company Name:	STATEWIDE INSTALLATIONS
Contact Type:	Not reported
Contact Name:	CRAIG SANTRY
Address1:	PO BOX 812
Address2:	49 SPRAGUE AVE.
City:	AMITYVILLE
State:	NY
Zip Code:	11701
Country Code:	001
Phone:	(516) 789-3300
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	24535
Affiliation Type:	Facility Operator
Company Name:	NORTH SHORE TOYOTA
Contact Type:	Not reported
Contact Name:	ED MENIN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 353-5666
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	24535

NORTH SHORE TOYOTA (Continued) **U003031044**

Affiliation Type:	Emergency Contact
Company Name:	EDWARD B. MENIN
Contact Type:	Not reported
Contact Name:	ED MENIN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 279-1800
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	001
Tank ID:	50529
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	9999
Common Name of Substance:	Other
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G00 - Tank Secondary Containment - None
C02 - Pipe Location - Underground/On-ground
H00 - Tank Leak Detection - None
I00 - Overfill - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None

D13 **CON EDISON** **NY MANIFEST** **1016961083**
NE **42-97 CROMMELIN AVE FRONT OF** **N/A**
< 1/8 **FLUSHING, NY 11355**
0.109 mi.
577 ft. **Site 1 of 4 in cluster D**

Relative:
Higher

Actual:
20 ft.

NY MANIFEST:

Name:	CON EDISON
Address:	42-97 CROMMELIN AVE FRONT OF
City,State,Zip:	FLUSHING, NY 11355
Country:	USA
EPA ID:	NYP004335410
Facility Status:	Not reported
Location Address 1:	42-97 CROMMELIN AVE.
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	FLUSHING
Location State:	NY
Location Zip:	11355
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004335410
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address 1:	4 IRVING PLACE 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2013
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	07/25/2013
Trans1 Recv Date:	07/25/2013
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	07/31/2013
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004335410
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002085741GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N

CON EDISON (Continued) **1016961083**

Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	300
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

D14 **CON EDISON - MANHOLE 13101** **RCRA-LQG** **1016961084**
NE **42-97 CROMMELIN AVE.** **NYP004335410**
< 1/8 **FLUSHING, NY 11355**
0.109 mi.
577 ft. **Site 2 of 4 in cluster D**

Relative: **Higher**

Actual: **20 ft.**

RCRA-LQG:

Date form received by agency:	2014-03-27 00:00:00.0
Facility name:	CON EDISON - MANHOLE 13101
Facility address:	42-97 CROMMELIN AVE. FLUSHING, NY 11355
EPA ID:	NYP004335410
Mailing address:	IRVING PLACE, 15TH FL NE NEW YORK, NY 10003
Contact:	DENNIS HUACON
Contact address:	IRVING PLACE, 15TH FL NE NEW YORK, NY 10003
Contact country:	US
Contact telephone:	212-460-2757
Contact email:	HUACOND@CONED.COM
EPA Region:	02
Classification:	Large Quantity Generator
Description:	Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely

CON EDISON - MANHOLE 13101 (Continued) **1016961084**

hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name:	CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner/operator address:	IRVING PLACE NEW YORK, NY 10003
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	2013-07-25 00:00:00.
Owner/Op end date:	Not reported

Owner/operator name:	CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner/operator address:	IRVING PLACE NEW YORK, NY 10003
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	2013-07-25 00:00:00.
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	2013-08-25 00:00:00.0
Site name:	CON EDISON MANHOLE: 13101
Classification:	Not a generator, verified

Date form received by agency:	2013-07-25 00:00:00.0
Site name:	CON EDISON MANHOLE: 13101
Classification:	Conditionally Exempt Small Quantity Generator

CON EDISON - MANHOLE 13101 (Continued) **1016961084**

Hazardous Waste Summary:

. Waste code: D008
. Waste name: LEAD

Violation Status: No violations found

E15 **LOT 1,TAXBLOCK 5076** **NY E DESIGNATION** **S117675780**
North **49-04 COLLEGE POINT BLVD** **N/A**
< 1/8 **QUEENS, NY**
0.111 mi.
585 ft. **Site 1 of 20 in cluster E**

Relative:
Higher

Actual:
28 ft.

E DESIGNATION:
Name: LOT 1,TAXBLOCK 5076
Address: 49-04 COLLEGE POINT BLVD
City,State,Zip: QUEENS, NY
Tax Lot(s): 1
Tax Block: 5076
Borough Code: Not reported
E-No: E-290
Effective Date: 3/13/2013
Satisfaction Date: Not reported
Ceqr Number: 07DCP050Q
Ulurp Number: 070352ZMQ
Zoning Map No: 10b

Description: Hazardous Materials* Phase I and Phase II Testing Protocol
Lot Remediation Date: Not reported

E16 **LOT 5,TAXBLOCK 5076** **NY E DESIGNATION** **S113402068**
NNW **131-59 FOWLER AVENUE** **N/A**
< 1/8 **QUEENS, NY**
0.111 mi.
585 ft. **Site 2 of 20 in cluster E**

Relative:
Higher

Actual:
24 ft.

E DESIGNATION:
Name: LOT 5,TAXBLOCK 5076
Address: 131-59 FOWLER AVENUE
City,State,Zip: QUEENS, NY
Tax Lot(s): 5
Tax Block: 5076
Borough Code: Not reported
E-No: E-290
Effective Date: 3/13/2013
Satisfaction Date: Not reported
Ceqr Number: 07DCP050Q
Ulurp Number: 070352ZMQ
Zoning Map No: 10b

Description: Air Quality - HVAC fuel limited to natural gas
Lot Remediation Date: Not reported

Description: Exhaust stack location limitations
Lot Remediation Date: Not reported

Description: Window Wall Attenuation & Alternate Ventilation

LOT 5,TAXBLOCK 5076 (Continued) **S113402068**

Lot Remediation Date: Not reported

Description: Hazardous Materials* Phase I and Phase II Testing Protocol
Lot Remediation Date: Not reported

E17 **BP GAS STATION** **NY Spills** **S117268498**
North **49-04 COLLEGE POINT BLVD** **N/A**
< 1/8 **QUEENS, NY**
0.112 mi.
590 ft. **Site 3 of 20 in cluster E**

Relative: **Higher**
Actual: **27 ft.**

SPILLS:

Name:	BP GAS STATION
Address:	49-04 COLLEGE POINT BLVD
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	1403965 / 2014-07-17
Facility ID:	1403965
Facility Type:	ER
DER Facility ID:	452339
Site ID:	497341
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	Not reported
SWIS:	4101
Spill Date:	2014-07-13
Investigator:	vszhune
Referred To:	Not reported
Reported to Dept:	2014-07-13
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2014-07-13
Spill Record Last Update:	2014-07-17
Spiller Name:	MIKE MONACO
Spiller Company:	BP GAS STATION
Spiller Address:	49-04 COLLEGE POINT BLVD
Spiller Company:	999
Contact Name:	MIKE MONACO
DEC Memo:	"7/14/14-Zhune spoke to FF Mike Monaco from hazmat Dept 1 NYCFD (347-203-6886). He said they received a call from the towing company that when they towed the vehicle away, it started leaking fuel. Approximatelly 10 gallons of gasoline spilled onto the concrete. The Fire Department put Speedi-Dry and the people from the gas station will remove the Speedi-Dry. The Fire Department emptied the vehicle's fuel tank and put it into a 16-gallons drum. As per Mike the drum went with the towing company. Spill Closed. Towing Company Hollis Turut 718-357-1414"
Remarks:	"possible sewer impacted, vehicle at station lost gas. c/u pending, fd on scene. ****0919 UPDATE, NYS DEP Pete Cyen, 646-879-7328 advises a correction in the amount reported (from 10 gallon to .25 gallon) also no product entered the sewer."

BP GAS STATION (Continued) **S117268498**

All Materials:

Site ID:	497341
Operable Unit ID:	1246807
Operable Unit:	01
Material ID:	2248011
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	25.00
Units:	G
Recovered:	Not reported
Oxygenate:	Not reported

E18 **TONG KIM CORP** **RCRA-VSQG** **1011490465**
North **49-04 COLLEGE POINT BLVD** **NYR000157263**
< 1/8 **FLUSHING, NY 11355**
0.112 mi.
592 ft. **Site 4 of 20 in cluster E**

Relative: **Higher**

Actual: **27 ft.**

RCRA-VSQG:

Date form received by agency:	2008-04-09 00:00:00.0
Facility name:	TONG KIM CORP
Facility address:	49-04 COLLEGE POINT BLVD FLUSHING, NY 11355
EPA ID:	NYR000157263
Mailing address:	COLLEGE POINT BLVD FLUSHING, NY 11355
Contact:	TONG H KIM
Contact address:	COLLEGE POINT BLVD FLUSHING, NY 11355
Contact country:	US
Contact telephone:	917-254-2499
Contact email:	Not reported
EPA Region:	02
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	BP NORTH AMERICA INC
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported

TONG KIM CORP (Continued) **1011490465**

Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 1965-10-05 00:00:00.
Owner/Op end date: Not reported

Owner/operator name: TONG KIM CORP
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 1977-12-01 00:00:00.
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2008-04-08 00:00:00.0
Site name: TONG KIM CORP
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D018
. Waste name: BENZENE

Violation Status: No violations found

E19 **BP PRODUCTS NORTH AMERICA - BP 20975** **RCRA-SQG** **1016678159**
North **4904 COLLEGE POINT BLVD #A** **FINDS** **NYR000209064**
< 1/8 **FLUSHING, NY 11355** **ECHO**
0.112 mi. **NY MANIFEST**
592 ft. **Site 5 of 20 in cluster E**

Relative: Higher

Actual: 27 ft.

RCRA-SQG:

Date form received by agency:	2014-04-08 00:00:00.0
Facility name:	BP PRODUCTS NORTH AMERICA - BP 20975
Facility address:	4904 COLLEGE POINT BLVD #A FLUSHING, NY 11355
EPA ID:	NYR000209064
Mailing address:	PO BOX 80249 RANCHO SANTA MARGARITA, CA 90702
Contact:	DANIELLE TAYLOR-MORRIS
Contact address:	PO BOX 6038 ARTESIA, CA 90702
Contact country:	US
Contact telephone:	732-743-0901
Contact email:	DANIELLE.TAYLORMORRIS@BP.COM
EPA Region:	02
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	BP PRODUCTS NORTH AMERICA
Owner/operator address:	PO BOX 6038 ARTESIA, CA 90702
Owner/operator country:	US
Owner/operator telephone:	732-743-0901
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	1970-11-13 00:00:00.
Owner/Op end date:	Not reported

Owner/operator name:	BP PRODUCTS NORTH AMERICA
Owner/operator address:	PO BOX 6038 ARTESIA, CA 90702
Owner/operator country:	US
Owner/operator telephone:	732-743-0901
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	1970-11-13 00:00:00.
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No

BP PRODUCTS NORTH AMERICA - BP 20975 (Continued) **1016678159**

Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Hazardous Waste Summary:

. Waste code: D001
. Waste name: IGNITABLE WASTE

Violation Status: No violations found

FINDS:
Registry ID: 110059662431

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1016678159
Registry ID:	110059662431
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110059662431
Name:	BP PRODUCTS NORTH AMERICA - BP 20975
Address:	4904 COLLEGE POINT BLVD #A
City,State,Zip:	FLUSHING, NY 11355

NY MANIFEST:

Name:	BP PRODUCTS NORTH AMERICA - BP 20975
Address:	4904 COLLEGE POINT BLVD #A
City,State,Zip:	FLUSHING, NY 11355
Country:	USA
EPA ID:	NYR000209064
Facility Status:	Not reported
Location Address 1:	4904 COLLEGE POINT BLVD #A
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	FLUSHING
Location State:	NY

BP PRODUCTS NORTH AMERICA - BP 20975 (Continued) **1016678159**

Location Zip:	11355
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYR000209064
Mailing Name:	BP PRODUCTS NORTH AMERICA - BP 20975
Mailing Contact:	BP PRODUCTS NORTH AMERICA - BP 20975
Mailing Address 1:	PO BOX 80249
Mailing Address 2:	Not reported
Mailing City:	RANCHO SANTA MARGARITA
Mailing State:	CA
Mailing Zip:	92688
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2017
Trans1 State ID:	NJR000023036
Trans2 State ID:	Not reported
Generator Ship Date:	12/04/2017
Trans1 Recv Date:	12/04/2017
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	12/05/2017
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000209064
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	017898616JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	200
Units:	P - Pounds
Number of Containers:	1
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.

BP PRODUCTS NORTH AMERICA - BP 20975 (Continued) **1016678159**

Specific Gravity:	1
Waste Code:	D018
Waste Code 1_2:	D001
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

E20 **BP PRODUCTS NORTH AMERICA - BP 20975** **NJ MANIFEST** **S120679002**
North **4904 COLLEGE POINT BLVD #A** **N/A**
< 1/8 **FLUSHING, NY 11355**
0.112 mi.
592 ft. **Site 6 of 20 in cluster E**

Relative:
Higher

Actual:
27 ft.

NJ MANIFEST:

EPA Id:	NYR000209064
Mail Address:	PO BOX 80249
Mail City/State/Zip:	RANCHO SANTA MARGARITA, CA 90702
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	DANIELLE TAYLOR-MORRIS
Comments:	Not reported
SIC Code:	Not reported
County:	NY081
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	012238220JJK
EPA ID:	NYR000209064
Date Shipped:	11/17/2015
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJR000023036
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported

BP PRODUCTS NORTH AMERICA - BP 20975 (Continued) **S120679002**

Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	RANCHO SANTA MARGARITA, CA 90702
Reason Load Was Rejected:	Not reported

E21 **TONG KIM INC** **EDR Hist Auto** **1020578410**
North **49-04 COLLEGE POINT BLVD** **N/A**
< 1/8 **FLUSHING, NY 11355**
0.112 mi.
592 ft. **Site 7 of 20 in cluster E**

Relative: EDR Hist Auto
Higher

Actual:
27 ft.

Year:	Name:	Type:
1973	B J TOWING & CAR WASH	Gasoline Service Stations
1974	B J TOWING & CAR WASH	Gasoline Service Stations
1975	B J TOWING & CAR WASH	Gasoline Service Stations
1976	B J TOWING & CAR WASH	Gasoline Service Stations
1977	B J TOWING & CAR WASH	Gasoline Service Stations
1982	TONG KIM INC	Gasoline Service Stations
1983	TONG KIM INC	Gasoline Service Stations
1985	TONG KIM INC	Gasoline Service Stations
1986	TONG KIM INC	Gasoline Service Stations
1987	TONG KIM INC	Gasoline Service Stations
1988	TONG KIM INC	Gasoline Service Stations
1989	TONG KIM INC	Gasoline Service Stations
1990	TONG KIM INC	Gasoline Service Stations
1991	TONG KIM INC	Gasoline Service Stations
1992	TONG KIM INC	Gasoline Service Stations
1993	TONG KIM INC	Gasoline Service Stations
1994	TONG KIM INC	Gasoline Service Stations
1995	TONG KIM INC	Gasoline Service Stations
1996	TONG KIM INC	Gasoline Service Stations
1997	TONG KIM INC	Gasoline Service Stations
1998	TONG KIM INC	Gasoline Service Stations
1999	TONG KIM INC	Gasoline Service Stations
2000	TONG KIM INC	Gasoline Service Stations
2001	TONG KIM INC	Gasoline Service Stations
2001	KANG NAM AUTO RPS BDY SVCS CO	General Automotive Repair Shops
2002	TONG KIM INC	Gasoline Service Stations
2002	KANG NAM AUTO RPS BDY SVCS CO	General Automotive Repair Shops
2003	TONG KIM INC	Gasoline Service Stations
2003	KANG NAM AUTO RPS BDY SVCS CO	General Automotive Repair Shops
2004	TONG KIM INC	Gasoline Service Stations

TONG KIM INC (Continued) **1020578410**

2004	KANG NAM AUTO RPS BDY SVCS CO	General Automotive Repair Shops
2005	TONG KIM INC	Gasoline Service Stations, NEC
2005	KANG NAM AUTO RPS BDY SVCS CO	General Automotive Repair Shops
2006	TONG KIM INC	Gasoline Service Stations, NEC
2006	KANG NAM AUTO RPS BDY SVCS CO	General Automotive Repair Shops
2007	KIM TONG INC	Gasoline Service Stations, NEC
2007	KANG NAM AUTO RPS & BDY SVC CO	General Automotive Repair Shops
2008	KIM TONG INC	Gasoline Service Stations, NEC
2008	KANG NAM AUTO RPS & BDY SVC CO	General Automotive Repair Shops
2009	KIM TONG INC	Gasoline Service Stations, NEC
2010	KIM TONG INC	Gasoline Service Stations, NEC
2011	KIM TONG INC	Gasoline Service Stations, NEC
2012	KIM TONG INC	Gasoline Service Stations, NEC
2013	KIM TONG INC	Gasoline Service Stations, NEC
2014	KIM TONG INC	Gasoline Service Stations, NEC

E22 **BP SERVICE STATION #20975** **NY UST U000408058**
North **49-04 COLLEGE POINT BOULEVARD** **NY AST N/A**
< 1/8 **FLUSHING, NY 11355**
0.112 mi.
592 ft. **Site 8 of 20 in cluster E**

Relative: **Higher**

Actual: **27 ft.**

UST:

Name:	BP SERVICE STATION #20975
Address:	49-04 COLLEGE POINT BOULEVARD
City,State,Zip:	FLUSHING, NY 11355
Id/Status:	2-337862 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	10/29/2022
UTM X:	598557.45127
UTM Y:	4511920.53810
Site Type:	Retail Gasoline Sales

Affiliation Records:

Site Id:	16213
Affiliation Type:	Facility Operator
Company Name:	BP SERVICE STATION #20975
Contact Type:	Not reported
Contact Name:	SWRANJIT SINGH
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(347) 614-8052
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MXLAY
Date Last Modified:	2016-08-18

Site Id:	16213
Affiliation Type:	Emergency Contact
Company Name:	BP PRODUCTS NORTH AMERICA, INC
Contact Type:	Not reported
Contact Name:	JOHN MAHONEY

BP SERVICE STATION #20975 (Continued) **U000408058**

Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(973) 392-6150
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DAFRANCI
Date Last Modified:	2019-04-17

Site Id:	16213
Affiliation Type:	Mail Contact
Company Name:	BP PRODUCTS NORTH AMERICA INC.
Contact Type:	Not reported
Contact Name:	JOHN MAHONEY
Address1:	P.O. BOX 6038
Address2:	Not reported
City:	ARTESIA
State:	CA
Zip Code:	90702
Country Code:	001
Phone:	(973) 392-6150
EMail:	JOHN.MAHONEY@BP.COM
Fax Number:	Not reported
Modified By:	DAFRANCI
Date Last Modified:	2019-04-17

Site Id:	16213
Affiliation Type:	Facility Owner
Company Name:	BP PRODUCTS NORTH AMERICA, INC
Contact Type:	RETAIL COMPLIANCE COORDINATOR
Contact Name:	JOHN MAHONEY
Address1:	PO BOX 6038
Address2:	Not reported
City:	ARTESIA
State:	CA
Zip Code:	90702
Country Code:	001
Phone:	(973) 392-6150
EMail:	JOHN.MAHONEY@BP.COM
Fax Number:	Not reported
Modified By:	DAFRANCI
Date Last Modified:	2019-04-17

Tank Info:

Tank Number:	001
Tank ID:	28862
Tank Status:	Closed Prior to Micro Conversion, 03/91
Material Name:	Closed Prior to Micro Conversion, 03/91
Capacity Gallons:	550
Install Date:	12/01/1966
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground

BP SERVICE STATION #20975 (Continued) **U000408058**

Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
J02 - Dispenser - Suction Dispenser
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None

Tank Number: 002
Tank ID: 28863
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 550
Install Date: 12/01/1966
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None

Tank Number: 003
Tank ID: 28864
Tank Status: Closed Prior to Micro Conversion, 03/91

BP SERVICE STATION #20975 (Continued) **U000408058**

Material Name:	Closed Prior to Micro Conversion, 03/91
Capacity Gallons:	550
Install Date:	12/01/1966
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None

Tank Number:	004
Tank ID:	28865
Tank Status:	Closed Prior to Micro Conversion, 03/91
Material Name:	Closed Prior to Micro Conversion, 03/91
Capacity Gallons:	550
Install Date:	12/01/1966
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel

BP SERVICE STATION #20975 (Continued) **U000408058**

F00 - Pipe External Protection - None

Tank Number:	005
Tank ID:	28866
Tank Status:	Closed Prior to Micro Conversion, 03/91
Material Name:	Closed Prior to Micro Conversion, 03/91
Capacity Gallons:	550
Install Date:	12/01/1966
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None

Tank Number:	006
Tank ID:	28867
Tank Status:	Closed Prior to Micro Conversion, 03/91
Material Name:	Closed Prior to Micro Conversion, 03/91
Capacity Gallons:	550
Install Date:	12/01/1966
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None

BP SERVICE STATION #20975 (Continued) **U000408058**

I00 - Overfill - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None

Tank Number:	007
Tank ID:	28868
Tank Status:	Closed Prior to Micro Conversion, 03/91
Material Name:	Closed Prior to Micro Conversion, 03/91
Capacity Gallons:	550
Install Date:	12/01/1966
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None

Tank Number:	008
Tank ID:	28869
Tank Status:	Closed Prior to Micro Conversion, 03/91
Material Name:	Closed Prior to Micro Conversion, 03/91
Capacity Gallons:	550
Install Date:	12/01/1966
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported

BP SERVICE STATION #20975 (Continued) **U000408058**

Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None

Tank Number: 009
Tank ID: 28870
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 550
Install Date: 12/01/1966
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None

Tank Number: 010
Tank ID: 28871
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 550
Install Date: 12/01/1966
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009

BP SERVICE STATION #20975 (Continued) **U000408058**

Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None

Tank Number: 011
Tank ID: 28872
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 550
Install Date: 12/01/1966
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None

Tank Number: 012
Tank ID: 28873
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 550

BP SERVICE STATION #20975 (Continued) **U000408058**

Install Date:	12/01/1966
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None

Tank Number:	013
Tank ID:	28874
Tank Status:	Closed Prior to Micro Conversion, 03/91
Material Name:	Closed Prior to Micro Conversion, 03/91
Capacity Gallons:	550
Install Date:	12/01/1966
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None

BP SERVICE STATION #20975 (Continued) **U000408058**

Tank Number:	014
Tank ID:	28875
Tank Status:	Closed Prior to Micro Conversion, 03/91
Material Name:	Closed Prior to Micro Conversion, 03/91
Capacity Gallons:	550
Install Date:	12/01/1966
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None

Tank Number:	015
Tank ID:	28876
Tank Status:	Closed Prior to Micro Conversion, 03/91
Material Name:	Closed Prior to Micro Conversion, 03/91
Capacity Gallons:	550
Install Date:	12/01/1966
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None

BP SERVICE STATION #20975 (Continued) **U000408058**

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None

Tank Number:	016
Tank ID:	28877
Tank Status:	Closed Prior to Micro Conversion, 03/91
Material Name:	Closed Prior to Micro Conversion, 03/91
Capacity Gallons:	550
Install Date:	12/01/1966
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None

Tank Number:	017
Tank ID:	28878
Tank Status:	Closed Prior to Micro Conversion, 03/91
Material Name:	Closed Prior to Micro Conversion, 03/91
Capacity Gallons:	550
Install Date:	12/01/1966
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

BP SERVICE STATION #20975 (Continued) **U000408058**

Equipment Records:

A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None

Tank Number:	018
Tank ID:	28879
Tank Status:	Closed Prior to Micro Conversion, 03/91
Material Name:	Closed Prior to Micro Conversion, 03/91
Capacity Gallons:	550
Install Date:	12/01/1966
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None

Tank Number:	019
Tank ID:	28880
Tank Status:	Closed Prior to Micro Conversion, 03/91
Material Name:	Closed Prior to Micro Conversion, 03/91
Capacity Gallons:	550
Install Date:	12/01/1966
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline

BP SERVICE STATION #20975 (Continued) **U000408058**

Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None

Tank Number:	020
Tank ID:	28881
Tank Status:	Closed Prior to Micro Conversion, 03/91
Material Name:	Closed Prior to Micro Conversion, 03/91
Capacity Gallons:	550
Install Date:	12/01/1966
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline

Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None

Tank Number:	021
Tank ID:	28882
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	12/01/1966
Date Tank Closed:	12/01/1987

BP SERVICE STATION #20975 (Continued) **U000408058**

Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	9999
Common Name of Substance:	Other
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None

Tank Number:	101
Tank ID:	28883
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	4000
Install Date:	01/01/1986
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	2712
Common Name of Substance:	Gasoline/Ethanol
Tightness Test Method:	21
Date Test:	09/14/2017
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TankSys
Last Modified:	03/16/2020

Equipment Records:

A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
J02 - Dispenser - Suction Dispenser
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
L99 - Piping Leak Detection - Other
B08 - Tank External Protection - Retrofitted Impressed Current
E04 - Piping Secondary Containment - Double walled UG
G04 - Tank Secondary Containment - Double-Walled (Underground)

BP SERVICE STATION #20975 (Continued) **U000408058**

Tank Number:	102
Tank ID:	28884
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	4000
Install Date:	01/01/1986
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	2712
Common Name of Substance:	Gasoline/Ethanol
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	KXLIU
Last Modified:	07/10/2019

Equipment Records:

C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
A00 - Tank Internal Protection - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I03 - Overfill - Automatic Shut-Off
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
B08 - Tank External Protection - Retrofitted Impressed Current
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
G04 - Tank Secondary Containment - Double-Walled (Underground)
E04 - Piping Secondary Containment - Double walled UG
J01 - Dispenser - Pressurized Dispenser

Tank Number:	103
Tank ID:	28885
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	4000
Install Date:	01/01/1986
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	2712
Common Name of Substance:	Gasoline/Ethanol
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	KXLIU
Last Modified:	07/10/2019

Equipment Records:

BP SERVICE STATION #20975 (Continued) **U000408058**

A00 - Tank Internal Protection - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
J02 - Dispenser - Suction Dispenser
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
B08 - Tank External Protection - Retrofitted Impressed Current
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
E04 - Piping Secondary Containment - Double walled UG
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number:	104
Tank ID:	28886
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	4000
Install Date:	01/01/1986
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	2712
Common Name of Substance:	Gasoline/Ethanol
Tightness Test Method:	21
Date Test:	09/14/2017
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TankSys
Last Modified:	03/16/2020

Equipment Records:

A00 - Tank Internal Protection - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
L99 - Piping Leak Detection - Other
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
J02 - Dispenser - Suction Dispenser
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
B08 - Tank External Protection - Retrofitted Impressed Current
E04 - Piping Secondary Containment - Double walled UG
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number:	105
Tank ID:	45011
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	12/01/1987
Date Tank Closed:	11/15/2004
Registered:	True

BP SERVICE STATION #20975 (Continued) **U000408058**

Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Tightness Test Method: 14
Date Test: 11/10/2003
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
G09 - Tank Secondary Containment - Modified Double-Walled (Aboveground)
H00 - Tank Leak Detection - None
I00 - Overfill - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None

Tank Number: 106
Tank ID: 45012
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 01/01/1986
Date Tank Closed: 10/25/2017
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: 21
Date Test: 03/23/2017
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: DAFRANCI
Last Modified: 01/04/2018

Equipment Records:

A00 - Tank Internal Protection - None
K00 - Spill Prevention - None
L99 - Piping Leak Detection - Other
E00 - Piping Secondary Containment - None
I00 - Overfill - None
B08 - Tank External Protection - Retrofitted Impressed Current
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
H99 - Tank Leak Detection - Other

BP SERVICE STATION #20975 (Continued) **U000408058**

Tank Number:	107
Tank ID:	180675
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	01/01/1987
Date Tank Closed:	11/18/2004
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0022
Common Name of Substance:	Waste Oil/Used Oil
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	NRLOMBAR
Last Modified:	04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
K00 - Spill Prevention - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
J00 - Dispenser - None
D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None
B02 - Tank External Protection - Original Sacrificial Anode
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
G04 - Tank Secondary Containment - Double-Walled (Underground)

AST:

Name:	BP SERVICE STATION #20975
Address:	49-04 COLLEGE POINT BOULEVARD
City,State,Zip:	FLUSHING, NY 11355
Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-337862
Program Type:	PBS
UTM X:	598557.45127
UTM Y:	4511920.53810
Expiration Date:	10/29/2022
Site Type:	Retail Gasoline Sales

Affiliation Records:

Site Id:	16213
Affiliation Type:	Facility Operator
Company Name:	BP SERVICE STATION #20975
Contact Type:	Not reported
Contact Name:	SWRANJIT SINGH
Address1:	Not reported
Address2:	Not reported
City:	Not reported

BP SERVICE STATION #20975 (Continued) **U000408058**

State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(347) 614-8052
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MXLAY
Date Last Modified:	2016-08-18

Site Id:	16213
Affiliation Type:	Emergency Contact
Company Name:	BP PRODUCTS NORTH AMERICA, INC
Contact Type:	Not reported
Contact Name:	JOHN MAHONEY
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(973) 392-6150
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DAFRANCI
Date Last Modified:	2019-04-17

Site Id:	16213
Affiliation Type:	Mail Contact
Company Name:	BP PRODUCTS NORTH AMERICA INC.
Contact Type:	Not reported
Contact Name:	JOHN MAHONEY
Address1:	P.O. BOX 6038
Address2:	Not reported
City:	ARTESIA
State:	CA
Zip Code:	90702
Country Code:	001
Phone:	(973) 392-6150
EMail:	JOHN.MAHONEY@BP.COM
Fax Number:	Not reported
Modified By:	DAFRANCI
Date Last Modified:	2019-04-17

Site Id:	16213
Affiliation Type:	Facility Owner
Company Name:	BP PRODUCTS NORTH AMERICA, INC
Contact Type:	RETAIL COMPLIANCE COORDINATOR
Contact Name:	JOHN MAHONEY
Address1:	PO BOX 6038
Address2:	Not reported
City:	ARTESIA
State:	CA
Zip Code:	90702
Country Code:	001
Phone:	(973) 392-6150
EMail:	JOHN.MAHONEY@BP.COM
Fax Number:	Not reported

BP SERVICE STATION #20975 (Continued) **U000408058**

Modified By: DAFRANCI
Date Last Modified: 2019-04-17

Tank Info:

Tank Number: 108
Tank Id: 217539
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Equipment Records:

A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
G09 - Tank Secondary Containment - Modified Double-Walled (Aboveground)
E00 - Piping Secondary Containment - None
D00 - Pipe Type - No Piping
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None
K00 - Spill Prevention - None
I04 - Overfill - Product Level Gauge (A/G)
J00 - Dispenser - None

Tank Location: Aboveground - contact with impervious barrier... Tank bottom rests on impervious barrier, allowing visual indication of leaks.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 12/01/2004
Capacity Gallons: 250
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 07/27/2014
Register: True
Modified By: NRLOMBAR
Last Modified: 04/14/2017
Material Name: waste oil/used oil

Tank Number: 109
Tank Id: 274739

Equipment Records:

A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
C01 - Pipe Location - Aboveground
D10 - Pipe Type - Copper
I04 - Overfill - Product Level Gauge (A/G)
F06 - Pipe External Protection - Wrapped
G12 - Tank Secondary Containment - Double-Walled (AG only)
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
J04 - Dispenser - On Site Heating System (Suction)
E00 - Piping Secondary Containment - None
K01 - Spill Prevention - Catch Basin
L09 - Piping Leak Detection - Exempt Suction Piping

BP SERVICE STATION #20975 (Continued) **U000408058**

	H99 - Tank Leak Detection - Other
Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	10/13/2017
Capacity Gallons:	280
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	DAFRANCI
Last Modified:	05/16/2018
Material Name:	#2 fuel oil (on-site consumption)

E23 **AMOCO SERVICE STATION** **NY LTANKS** **S106385754**
North **49-04 COLLEGE POINT BLVD** **N/A**
< 1/8 **FLUSHING, NY**
0.112 mi.
592 ft. **Site 9 of 20 in cluster E**

Relative: LTANKS:
Higher

Actual: Name:	AMOCO SERVICE STATION
27 ft. Address:	49-04 COLLEGE POINT BLVD
City,State,Zip:	FLUSHING, NY
Spill Number/Closed Date:	0400063 / 2005-12-12
Facility ID:	0400063
Site ID:	274118
Spill Date:	2004-04-02
Spill Cause:	Tank Test Failure
Spill Source:	Gasoline Station or other PBS Facility
Spill Class:	D4
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	KMFOLEY
Referred To:	Not reported
Reported to Dept:	2004-04-02
CID:	444
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	2004-04-02
Spill Record Last Update:	2017-08-25
Spiller Name:	TUNG KIM
Spiller Company:	AMOCO SERVICE STATION
Spiller Address:	49-04 COLLEGE POINT BLVD
Spiller County:	001
Spiller Contact:	TUNG KIM
Spiller Phone:	(718) 939-4694
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	222954

AMOCO SERVICE STATION (Continued) **S106385754**

DEC Memo: "4/6/04 sent TTF letter to C. Wein. 5/17/05 Received Line Closure and UST Removal Report dated 4/29/05. From 11/8/04-12/20/04, Gemstar installed sumps around submerged pumps, removed and replaced existing dispenser pans with deep boxes, excavated approx 125' of steel product piping and replaced with double-walled fiberglass piping, and installed electronic line leak detection systems at each containment box and tied to VeederRoot TLS-500. They also excavated and removed one 550 used oil UST and 20 abandoned 550gal USTs. Post-ex samples were taken from beneath the dispensers, along the piping run, at the waste oil tank, around the tank mat and around the former abandoned tank area. The 20 abandoned tanks were each encased in a concrete vault and located approx 5'bgs. Field evidence of petroleum impact was identified beneath the tanks (PID readings 0ppm to 7592ppm). Post-ex samples were below RSCOs. Field evidence of petroleum impact was identified beneath the used oil UST (PID reading of 1829ppm at 5'bgs). Soil was overexcavated to 8'bgs. The post-ex sample collected returned below RSCOs, except for chromium which was detected at 30ppb(within background). Soils samples collected from SS-6(2'), near the tank mat, detected concentrations of VOCs above RSCOs. Delta will delineate soil impacts and collect groundwater samples. 11/29/05 Received Subsurface Hydrocarbon Assessment Report dated 11/28/05. On 9/1/05, four borings were advanced by Geoprobe, in the vicinity of the existing UST mat and the pump islands. Site constraints prevented advancement of several proposed borings. Borings were advanced to depths between 30-35'bgs. Soils were non-detect for VOCs, except for SB-1(7-8') which showed total VOCs at 277ppb(BTEX/MTBE non-detect). GW was encountered at approx 34'bgs. Eight soil samples were collected for 8260 analysis. Groundwater samples were collected from 3 of 4 borings (A macro-core sampling unit was broken during the advancement of SB-2 and obstructed the boring). Total BTEX concentrations ranged from 0.27ppb(SB-4/Water) to 3ppb(SB-1/Water). No MTBE was detected. 12/12/05 NFA issued. 8/22/17-Vought-Received email from OER Schreiber with cc to OER Chawla that Good Afternoon Jeff,We have become aware of a work permit application for a tank pull (550-gallon UST removal) at 49-04 College Point Boulevard (Queens, Block 5076, Lot 1 - PBS #2-337862), BP Station No. 00738. Please let me know if DEC has any objection to the proposed work or if DEC is currently overseeing work at this site. Upon hearing from DEC that there are no objections to the work, OER will allow the removal to move forward with a commitment to manage the work under a soil & materials management plan. Regards . Vought sent reply to OER Schreiber with cc to OER Chawla and BP Onufrak/Coil that Zach, Thanks for the heads up on the UST removal at the site referenced above. I researched our spills database and see that we have closed Spill #0400063 (Spill Report attached above) for the site that notes of residual VOC contamination in the soil. Before I can provide a statement of no objection regarding the UST removal, I have some additional questions and comments: 1)Is the property going to be developed? If the answer is yes then: what is the future use of the site and the basement, planned excavation depth, what vapor mitigation efforts will be used in construction of the building? 2) PBS #2-337862 also needs to updated to reflect UST closure and the PBS Section will also require submission of site assessment data as part of tank closure. What are the plans for endpoint sampling after UST removal? What about removal and assessment of any related piping? 3)If soil contamination is encountered, will DEC be notified (as in myself)? I am looping in BP as well above so that they may be

AMOCO SERVICE STATION (Continued) **S106385754**

informed, if they are not already, and so that they can ensure adequate characterization of the tanks upon removal. If the site is going to be redeveloped then it is also in BP s best interest to monitor the excavation and development of the site as they may be determined by the Department to be a Responsible Party if the spill is re-opened. Apologies for answering your question with more questions but I need more information to get you the answer you need, Thanks! 8/25/17-Vought-Teleconference with OER Chawla/Schrieber. After call Vought sent email reply to OER 8/22/17 email above with cc to Onufrak/Coil that Zach, Based on our conversation this morning and that information you provided that the above referenced site will remain a gas station, DEC has no objections to the work as proposed below as the DEC is not currently overseeing any work at the site. Thanks for the inquiry and call, "

Remarks: "VACU TECHT TEST FAILED: "

All TTF:

Facility ID:	0400063
Spill Number:	0400063
Spill Tank Test:	1529123
Site ID:	274118
Tank Number:	Not reported
Tank Size:	550
Material:	0009
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	274118
Operable Unit ID:	884531
Operable Unit:	01
Material ID:	1521234
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	Not reported
Oxygenate:	False

Site ID:	274118
Operable Unit ID:	884531
Operable Unit:	01
Material ID:	494856
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum

AMOCO SERVICE STATION (Continued) **S106385754**

Quantity: .00
Units: L
Recovered: .00
Oxygenate: False

E24 **LOT 7,TAXBLOCK 5076** **NY E DESIGNATION** **S113402087**
NNW **131-57 FOWLER AVENUE** **N/A**
< 1/8 **QUEENS, NY 11355**
0.115 mi.
608 ft. **Site 10 of 20 in cluster E**

Relative: **Higher**
Actual: **24 ft.**

E DESIGNATION:
Name: LOT 7,TAXBLOCK 5076
Address: 131-57 FOWLER AVENUE
City,State,Zip: QUEENS, NY 11355
Tax Lot(s): 7
Tax Block: 5076
Borough Code: QN
E-No: E-290
Effective Date: 3/13/2013
Satisfaction Date: Not reported
Ceqr Number: 07DCP050Q
Ulurp Number: 070352ZMQ
Zoning Map No: 10b

Description: Air Quality - HVAC fuel limited to natural gas
Lot Remediation Date: Not reported

Description: Exhaust stack location limitations
Lot Remediation Date: Not reported

Description: Window Wall Attenuation & Alternate Ventilation
Lot Remediation Date: Not reported

Description: Hazardous Materials* Phase I and Phase II Testing Protocol
Lot Remediation Date: Not reported

E25 **LOT 9,TAXBLOCK 5076** **NY E DESIGNATION** **S113402104**
NNW **FOWLER AVENUE** **N/A**
< 1/8 **QUEENS, NY**
0.119 mi.
626 ft. **Site 11 of 20 in cluster E**

Relative: **Higher**
Actual: **23 ft.**

E DESIGNATION:
Name: LOT 9,TAXBLOCK 5076
Address: FOWLER AVENUE
City,State,Zip: QUEENS, NY
Tax Lot(s): 9
Tax Block: 5076
Borough Code: Not reported
E-No: E-290
Effective Date: 3/13/2013
Satisfaction Date: Not reported
Ceqr Number: 07DCP050Q
Ulurp Number: 070352ZMQ

LOT 9,TAXBLOCK 5076 (Continued) **S113402104**

Zoning Map No: 10b

Description: Air Quality - HVAC fuel limited to natural gas
Lot Remediation Date: Not reported

Description: Exhaust stack location limitations
Lot Remediation Date: Not reported

Description: Window Wall Attenuation & Alternate Ventilation
Lot Remediation Date: Not reported

Description: Hazardous Materials* Phase I and Phase II Testing Protocol
Lot Remediation Date: Not reported

F26 **GAS STATION** **NY Spills** **S112146376**
East **55-02 MAIN ST** **N/A**
< 1/8 **QUEENS, NY**
0.119 mi.
628 ft. **Site 1 of 8 in cluster F**

Relative: SPILLS:
Higher
Name: GAS STATION
Actual: Address: 55-02 MAIN ST
27 ft. City,State,Zip: QUEENS, NY
Spill Number/Closed Date: 1201836 / 2012-06-11
Facility ID: 1201836
Facility Type: ER
DER Facility ID: 418970
Site ID: 464571
DEC Region: 2
Spill Cause: Unknown
Spill Class: C3
SWIS: 4101
Spill Date: 2012-05-24
Investigator: SFRAHMAN
Referred To: Not reported
Reported to Dept: 2012-05-24
CID: Not reported
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2012-05-24
Spill Record Last Update: 2012-06-11
Spiller Name: Not reported
Spiller Company: UNKNOWN
Spiller Address: Not reported
Spiller Company: 999
Contact Name: ALEX CASTRO
DEC Memo: "05/24/12-Hiralkumar Patel. 9:32 PM:- spoke with Alex. he mentioned that repair shop store used motor oil into drums located in back of the property and during heavy rain, oil overflowed onto the surface around drums. some oil flowed into nearby catch basin.

GAS STATION (Continued) **S112146376**

05/25/12-Hiralkumar Patel. 10:45 AM:- called number listed in NYC DOB permit application and spoke with Ms. Kailyn Woo, property owner's daughter. informed her about the oil spill on property. received tenant's contact info. Jung Cung Woo / Sezu Chen **property owners** c/o Kailin Woo **owner's daughter** 55-10 Main Street, 2nd Floor Flushing, NY 11355 Ph. (718) 762-1380 email: wookl@aol.com Zack Malik **tenant** Ph. (718) 321-9954 (O) (516) 661-1211 (C) email: dentfix786@yahoo.com 10:55 AM:- spoke with Mr. Malik, tenant. he mentioned that they have two 200 gal tanks and one 55 gal drum for waste oil storage. he mentioned that during cleaning of these storage yesterday by outside contractor, some oil spilled on floor and due to rain, oily water got into catch basin. asked him to cleanup spill immediately. 11:17 AM:- sent email to Mr. Malik and asked to cleanup immediately. informed him that the department may require additional investigation after inspecting the site. email copied to Ms. Woo. 5/25/12-HRAHMED-Responded to the site at around 6:00 PM, met Ms Woo and Mr. Malik. As per them, they store used oil in two 200 gal above ground tank at the rear of the repair shop. While putting oil in the tanks some oil spilled on concrete and due to rain it spreaded over a larger area. They put speedy dry to absorb the oil and cleaned up. Noticed some oil floating on top of water under the tanks. Asked them to put some more speedy dry in that area. Also noticed oily layer of dirt next to the tanks, where they put some plastic drums and used tires. Asked them to clean that area. Asked Malik to take some pictures after the cleanup to document cleanup and send it to DEC Patel. He said he will do it on 5/30/12. Some pictures were uploaded to eDocs. 06/01/12-Hiralkumar Patel. 12:28 PM:- received email from Ms. Woo including disposal manifest. as per the manifest, two drums of of oil contaminated debris removed. 4:51 PM:- received email from Ms. Woo including pics of area after cleanup. oil stain visible on surface. 06/08/12-Hiralkumar Patel. spoke with DEC Hasan. he mentioned that floor around the tanks was not even and was covered with dirt. DEC Rahman will inspect the site to confirm floor condition around the tank. 3:18 PM:- spoke with Mr. Malik and informed him about the site visit. **need to inspect site** 06/11/12 I stopped by the site on 06/08/12 afternoon as per request from Kumar Patel. Two waste oil AST at the back of the auto repairshop.There was no wet leak or spill was evident, but the hard surface around the tank has dry stain indicating previous spillage. There was no drain or catch basin within 50 ft of the tanks. I told Mr Malik to be extra careful during pouring the waste oil into the tank.Case is closed.(sr)"

Remarks: "Gas station is leaking a large amount of oil in to the catch basin into a backyard and on to the sidewalk. Jim Booth 718-739-7333 called into another call center."

All Materials:

Site ID:	464571
Operable Unit ID:	1214619
Operable Unit:	01
Material ID:	2212673
Material Code:	0015
Material Name:	motor oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported

GAS STATION (Continued) **S112146376**

Oxygenate: Not reported

G27
NNW
< 1/8
0.121 mi.
637 ft.

FLUSHING BAY CSO RETENTION FACILITY
131-40 FOWLER AVE
FLUSHING, NY 11355

Site 1 of 6 in cluster G

NY CBS **S110092065**
N/A

Relative:
Higher

Actual:
18 ft.

CBS:

Name:	FLUSHING BAY CSO RETENTION FACILITY
Address:	131-40 FOWLER AVE
City,State,Zip:	FLUSHING, NY 11355
CBS Number:	2-000488
Program Type:	CBS
Facility Status:	Inactive
Expiration Date:	Not reported
Dec Region:	2
UTMX:	598581.10305
UTMY:	4511878.56423

E28
NNW
< 1/8
0.121 mi.
638 ft.

LOT 67,TAXBLOCK 5076
131-62 AVERY AVENUE
QUEENS, NY 11355

Site 12 of 20 in cluster E

NY E DESIGNATION **S113402084**
N/A

Relative:
Higher

Actual:
25 ft.

E DESIGNATION:

Name:	LOT 67,TAXBLOCK 5076
Address:	131-62 AVERY AVENUE
City,State,Zip:	QUEENS, NY 11355
Tax Lot(s):	67
Tax Block:	5076
Borough Code:	QN
E-No:	E-290
Effective Date:	3/13/2013
Satisfaction Date:	Not reported
Ceqr Number:	07DCP050Q
Ulurp Number:	070352ZMQ
Zoning Map No:	10b
Description:	Air Quality - HVAC fuel limited to natural gas
Lot Remediation Date:	Not reported
Description:	Exhaust stack location limitations
Lot Remediation Date:	Not reported
Description:	Window Wall Attenuation & Alternate Ventilation
Lot Remediation Date:	Not reported
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol
Lot Remediation Date:	Not reported

E29 **LOT 11,TAXBLOCK 5076** **NY E DESIGNATION** **S113402022**
NNW **FOWLER AVENUE** **N/A**
< 1/8 **QUEENS, NY**
0.121 mi.
641 ft. **Site 13 of 20 in cluster E**

Relative: **Higher**
Actual: **22 ft.**

E DESIGNATION:

Name:	LOT 11,TAXBLOCK 5076
Address:	FOWLER AVENUE
City,State,Zip:	QUEENS, NY
Tax Lot(s):	11
Tax Block:	5076
Borough Code:	Not reported
E-No:	E-290
Effective Date:	3/13/2013
Satisfaction Date:	Not reported
Ceqr Number:	07DCP050Q
Ulurp Number:	070352ZMQ
Zoning Map No:	10b
Description:	Window Wall Attenuation & Alternate Ventilation
Lot Remediation Date:	Not reported
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol
Lot Remediation Date:	Not reported
Description:	Air Quality - HVAC fuel limited to natural gas
Lot Remediation Date:	Not reported
Description:	Exhaust stack location limitations
Lot Remediation Date:	Not reported

F30 **M & N AUTO REPAIR CROP** **EDR Hist Auto** **1021832237**
East **5502 MAIN ST** **N/A**
< 1/8 **FLUSHING, NY 11355**
0.123 mi.
649 ft. **Site 2 of 8 in cluster F**

Relative: **Higher**
Actual: **27 ft.**

EDR Hist Auto

Year:	Name:	Type:
1969	J & T COMMUNITY SERVICE STN	Gasoline Service Stations
1970	J & T COMMUNITY SERVICE STN	Gasoline Service Stations
1971	J & T COMMUNITY SERVICE STN	Gasoline Service Stations
1972	J & T COMMUNITY SERVICE STN	Gasoline Service Stations
1973	J & T COMMUNITY SERVICE STN	Gasoline Service Stations
1974	J & T COMMUNITY SERVICE STN	Gasoline Service Stations
1975	J & T COMMUNITY SERVICE STN	Gasoline Service Stations
1977	J & T COMMUNITY SERVICE STN	Gasoline Service Stations
1978	J & T COMMUNITY SERVICE STN	Gasoline Service Stations
1979	J & T COMMUNITY SERVICE STN	Gasoline Service Stations
1980	J & T COMMUNITY SERVICE STN	Gasoline Service Stations
1982	J & T COMMUNITY SERVICE STN	Gasoline Service Stations
1983	J & T COMMUNITY SERVICE STN	Gasoline Service Stations
1985	J & T COMMUNITY SERVICE STN	Gasoline Service Stations
1986	J & T COMMUNITY SERVICE STN	Gasoline Service Stations
1987	J & T COMMUNITY SERVICE STN	Gasoline Service Stations
1991	ED ROBIN MOTORS INC	General Automotive Repair Shops
1992	ED ROBIN MOTORS INC	General Automotive Repair Shops
1993	ED ROBIN MOTORS INC	General Automotive Repair Shops

M & N AUTO REPAIR CROP (Continued) **1021832237**

1994	ED ROBIN MOTORS INC	General Automotive Repair Shops
1998	M & N AUTO REPAIR CROP	Automotive Repair Shops, NEC
1999	M & N AUTO REPAIR CROP	Automotive Repair Shops, NEC
2000	M & N AUTO REPAIR CROP	Automotive Repair Shops, NEC
2001	M & N AUTO REPAIR CORP	General Automotive Repair Shops
2002	M & N AUTO REPAIR CROP	Automotive Repair Shops, NEC
2002	M & N AUTO REPAIR CORP	General Automotive Repair Shops
2003	METRO IMPORT MOTORS INC	Automotive Repair Shops, NEC
2003	M & N AUTO REPAIR CROP	Automotive Repair Shops, NEC
2009	MAIN AUTO REPAIR	General Automotive Repair Shops
2010	MAIN AUTO REPAIR	General Automotive Repair Shops

F31 **FLUSHING TIRE LTD.** **NY AST** **A100294036**
East **55-02 MAIN STREET** **N/A**
< 1/8 **FLUSHING, NY 11355**
0.123 mi.
649 ft. **Site 3 of 8 in cluster F**

Relative:
Higher

Actual:
27 ft.

AST:

Name:	FLUSHING TIRE LTD.
Address:	55-02 MAIN STREET
City,State,Zip:	FLUSHING, NY 11355
Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-608383
Program Type:	PBS
UTM X:	599114.17373
UTM Y:	4511570.36628
Expiration Date:	11/18/2020
Site Type:	Other Wholesale/Retail Sales

Affiliation Records:

Site Id:	30235
Affiliation Type:	Mail Contact
Company Name:	JAVED MALIK
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	55-02 MAIN STREET
Address2:	Not reported
City:	FLUSHING
State:	NY
Zip Code:	11355
Country Code:	001
Phone:	(718) 753-1660
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2005-11-18

Site Id:	30235
Affiliation Type:	Emergency Contact
Company Name:	JAVED MALIK
Contact Type:	Not reported
Contact Name:	KHALID MALIK
Address1:	Not reported
Address2:	Not reported
City:	Not reported

FLUSHING TIRE LTD. (Continued) **A100294036**

State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 539-5200
EMail: Not reported
Fax Number: Not reported
Modified By: KAKYER
Date Last Modified: 2006-03-03

Site Id: 30235
Affiliation Type: Facility Operator
Company Name: FLUSHING TIRE LTD.
Contact Type: Not reported
Contact Name: SHER MALIK
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 321-9954
EMail: Not reported
Fax Number: Not reported
Modified By: KAKYER
Date Last Modified: 2006-03-03

Site Id: 30235
Affiliation Type: Facility Owner
Company Name: SEZU CHEN AND JUNG CUNG WOO
Contact Type: MANAGER
Contact Name: SHER MALIK
Address1: 55-02 MAIN ST
Address2: Not reported
City: FLUSHING
State: NY
Zip Code: 11355
Country Code: 001
Phone: (516) 869-9287
EMail: Not reported
Fax Number: Not reported
Modified By: DMPOKRZY
Date Last Modified: 2017-06-12

Tank Info:

Tank Number: 001
Tank Id: 65103
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Equipment Records:

E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
K00 - Spill Prevention - None

FLUSHING TIRE LTD. (Continued) **A100294036**

G00 - Tank Secondary Containment - None
D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None
J00 - Dispenser - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	250
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	DMPOKRZY
Last Modified:	06/12/2017
Material Name:	waste oil/used oil

Tank Number:	002
Tank Id:	244980
Material Code:	0022
Common Name of Substance:	Waste Oil/Used Oil

Equipment Records:

G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
K00 - Spill Prevention - None
J00 - Dispenser - None
D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	02/23/2012
Capacity Gallons:	200
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	DMPOKRZY
Last Modified:	06/12/2017
Material Name:	waste oil/used oil

F32
East
< 1/8
0.123 mi.
649 ft.

FLUSHING TIRE LTD.
55-02 MAIN ST.
FLUSHING, NY 11355

Site 4 of 8 in cluster F

NY CBS **S108410834**
N/A

Relative:
Higher

Actual:
27 ft.

CBS:

Name:	FLUSHING TIRE LTD.
Address:	55-02 MAIN ST.
City,State,Zip:	FLUSHING, NY 11355
CBS Number:	2-000437
Program Type:	CBS
Facility Status:	Inactive
Expiration Date:	Not reported
Dec Region:	2
UTMX:	598798.21825
UTMY:	4512614.62973

33
NNE
1/8-1/4
0.127 mi.
673 ft.

CON EDISON SERVICE BOX: 63217
42-69 CROMMELIN AVE
FLUSHING, NY 11355

RCRA NonGen / NLR **1016454699**
FINDS **NYP004331880**
ECHO
NY MANIFEST

Relative:
Higher

Actual:
21 ft.

RCRA NonGen / NLR:

Date form received by agency:	2013-08-19 00:00:00.0
Facility name:	CON EDISON SERVICE BOX: 63217
Facility address:	42-69 CROMMELIN AVE FLUSHING, NY 11355
EPA ID:	NYP004331880
Mailing address:	VING PL, 15TH FL NE NEW YORK, NY 10003
Contact:	THOMAS TEELING
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	212-460-3770
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

CON EDISON SERVICE BOX: 63217 (Continued) **1016454699**

Historical Generators:
Date form received by agency: 2013-07-19 00:00:00.0
Site name: CON EDISON SERVICE BOX: 63217
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

FINDS:
Registry ID: 110056500317

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1016454699
Registry ID: 110056500317
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110056500317
Name: CON EDISON SERVICE BOX: 63217
Address: 42-69 CROMMELIN AVE
City,State,Zip: FLUSHING, NY 11355

NY MANIFEST:
Name: CON EDISON
Address: 42-69 CROMMELIN AVE
City,State,Zip: FLUSHING, NY 11355
Country: USA
EPA ID: NYP004331880
Facility Status: Not reported
Location Address 1: 42-69 CROMMELIN AVE
Code: BP
Location Address 2: SB #63217
Total Tanks: Not reported
Location City: QUEENS
Location State: NY
Location Zip: 11355
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004331880
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PLACE 15TH FLOOR
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA

CON EDISON SERVICE BOX: 63217 (Continued) **1016454699**

Mailing Phone: 2124603770

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2013
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	07/19/2013
Trans1 Recv Date:	07/19/2013
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	07/19/2013
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004331880
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002085878GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	100
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

C34 **CON EDISON** **NY MANIFEST** **S117740688**
SSW **56-05 COLLEGE PT BLVD** **N/A**
1/8-1/4 **FLUSHING, NY 11355**
0.129 mi.
683 ft. **Site 3 of 3 in cluster C**

Relative:
Lower

Actual:
17 ft.

NY MANIFEST:

Name:	CON EDISON
Address:	56-05 COLLEGE PT BLVD
City,State,Zip:	FLUSHING, NY 11355
Country:	USA
EPA ID:	NYP004738670
Facility Status:	Not reported
Location Address 1:	56-05 COLLEGE POINT BLVD
Code:	BP
Location Address 2:	SB35144
Total Tanks:	Not reported
Location City:	QUEENS
Location State:	NY
Location Zip:	11432
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004738670
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address 1:	4 IRVING PL
Mailing Address 2:	15TH FL
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2015
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	02/25/2015
Trans1 Recv Date:	02/25/2015
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	03/03/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004738670
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	014088746JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N

CON EDISON (Continued) **S117740688**

Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	200
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

G35 **131-05 HOLDING LLC** **NY MANIFEST** **S118563952**
NNW **131-05 & 131-15 FOWLER AVE** **N/A**
1/8-1/4 **FLUSHING, NY 11355**
0.132 mi.
696 ft. **Site 2 of 6 in cluster G**

Relative: **Higher**
Actual: **18 ft.**

NY MANIFEST:

Name:	131-05 HOLDING LLC
Address:	131-05 & 131-15 FOWLER AVE
City,State,Zip:	FLUSHING, NY 11355
Country:	USA
EPA ID:	NYR000219527
Facility Status:	Not reported
Location Address 1:	131-05 & 131-15 FOWLER AVE BLOCK 5076 LOT 31
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	FLUSHING
Location State:	NY
Location Zip:	11355
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYR000219527
Mailing Name:	131-05 HOLDING LLC
Mailing Contact:	131-05 HOLDING LLC
Mailing Address 1:	21 HOWARD ST SUITE 203
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10013
Mailing Zip 4:	Not reported

131-05 HOLDING LLC (Continued) **S118563952**

Mailing Country:	USA
Mailing Phone:	6466130622

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2015
Trans1 State ID:	NYR000134957
Trans2 State ID:	PAD982661381
Generator Ship Date:	12/09/2015
Trans1 Recv Date:	12/09/2015
Trans2 Recv Date:	12/11/2015
TSD Site Recv Date:	12/15/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000219527
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	PAD085690592
TSDF ID 2:	Not reported
Manifest Tracking Number:	014999158JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	150
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	2
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	F001
Waste Code 1_3:	B007
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

G36 **131-05 & 131-15 FOWLER AVENUE - OFF-SITE** **NY BROWNFIELDS** **S117269714**
NNW **131-05 & 131-15 FOWLER AVENUE** **N/A**
1/8-1/4 **FLUSHING, NY 11355**
0.132 mi.
696 ft. **Site 3 of 6 in cluster G**

Relative:
Higher

Actual:
18 ft.

BROWNFIELDS:

Name:	131-05 & 131-15 FOWLER AVENUE - OFF-SITE
Address:	131-05 & 131-15 FOWLER AVENUE
City,State,Zip:	FLUSHING, NY 11355
Program:	BCP
Site Code:	506157
Acres:	Not reported
HW Code:	C241161A
SWIS:	4101
Town:	New York City
Record Added Date:	Not reported
Record Updated Date:	Not reported
Update By:	Not reported
Site Description:	This project (131-05 & 131-15 Fowler Avenue - Off-Site, C241161A) was created to investigate for potential off-site impacts from the 131-05 & 131-15 Fowler Avenue BCP Site (C241161). Location: This site is the off-site component to the 131-05 and 131-15 Fowler Avenue in the Flushing section of Queens, on Block 5076 Lot 31, one property east of the northeast corner of the intersection of 131 Street and Fowler Avenue in College Point, Queens, NY. Site Features: The site consists of approximately 0.53 acres. The site is improved with two connected single-story concrete block buildings with basements. Concrete walkways are located adjacent to the south of the buildings, while overgrown vegetation is located on the remaining exposed facades to the north and east. The vicinity of the subject site is surrounded by recreational, residential and commercial properties. Current uses of adjoining properties include retail facilities to the north; a mixed use of commercial and residential building to the east; recreational facilities to the south; and a retail factory and metal working facility to the west. Current Zoning/Uses: The site is in C2-6A districts which are commercial districts that are predominantly residential in character. The site is proposed for mixed-use residential and commercial.
Env Problem:	Not reported
Health Problem:	Not reported
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	4/3/2015 8:26:00 AM
Record Upd:	4/3/2015 1:27:00 PM
Updated By:	JXPEREZM
Own Op:	Not reported
Sub Type:	Not reported
Owner Name:	Not reported
Owner Company:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported

131-05 & 131-15 FOWLER AVENUE - OFF-SITE (Continued) **S117269714**

Owner City,St,Zip:	Not reported
Owner Country:	Not reported
HW Code:	Not reported
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	Not reported
Waste Type:	PCB aroclor 1254
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	Not reported
Waste Type:	TETRACHLOROETHYLENE (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	Not reported
Waste Type:	cis-1,2-Dichloroethene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	Not reported
Waste Type:	trans-1,2-Dichloroethene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	Not reported
Waste Type:	PCB-AROCLOR 1254
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	Not reported
Waste Type:	TRICHLOROETHENE (TCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

D37 **CON EDISON SERVICE BOX: 40901** **RCRA NonGen / NLR** **1016454613**
NE **42-88 SAULL ST** **FINDS** **NYP004330247**
1/8-1/4 **FLUSHING, NY 11355** **ECHO**
0.133 mi. **NY MANIFEST**
702 ft. **Site 3 of 4 in cluster D**

Relative: **Higher**

Actual: **22 ft.**

RCRA NonGen / NLR:

Date form received by agency:	2013-08-16 00:00:00.0
Facility name:	CON EDISON SERVICE BOX: 40901
Facility address:	42-88 SAULL ST FLUSHING, NY 11355
EPA ID:	NYP004330247
Mailing address:	VING PL, 15TH FL NE NEW YORK, NY 10003
Contact:	THOMAS TEELING
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	212-460-3770
Contact email:	Not reported
EPA Region:	02

CON EDISON SERVICE BOX: 40901 (Continued) **1016454613**

Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2013-07-16 00:00:00.0
Site name: CON EDISON SERVICE BOX: 40901
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

FINDS:
Registry ID: 110056498348

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1016454613
Registry ID: 110056498348
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110056498348
Name: CON EDISON SERVICE BOX: 40901
Address: 42-88 SAULL ST
City,State,Zip: FLUSHING, NY 11355

NY MANIFEST:
Name: CON EDISON
Address: 42-88 SAULL ST
City,State,Zip: FLUSHING, NY 11355
Country: USA
EPA ID: NYP004330247

CON EDISON SERVICE BOX: 40901 (Continued) **1016454613**

Facility Status:	Not reported
Location Address 1:	OPP 42-88 SAULL ST
Code:	BP
Location Address 2:	SB #40901
Total Tanks:	Not reported
Location City:	QUEENS
Location State:	NY
Location Zip:	11355
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004330247
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address 1:	4 IRVING PLACE 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2013
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	07/16/2013
Trans1 Recv Date:	07/16/2013
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	07/18/2013
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004330247
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002086316GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported

CON EDISON SERVICE BOX: 40901 (Continued) **1016454613**

Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	60
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

F38 **CON EDISON** **NJ MANIFEST** **S120674001**
East **MAIN ST & PECK AVE** **N/A**
1/8-1/4 **FLUSHING, NY 11355**
0.133 mi.
704 ft. **Site 5 of 8 in cluster F**

Relative:
Higher

Actual:
24 ft.

NJ MANIFEST:

EPA Id:	NYP004808038
Mail Address:	IRVING PL 15TH FL NE
Mail City/State/Zip:	NEW YORK, NY 10003
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	THOMAS TEELING
Comments:	Not reported
SIC Code:	Not reported
County:	NY081
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	014466979JJK
EPA ID:	NYP004808038
Date Shipped:	7/16/2015
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJ0000027193
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported

CON EDISON (Continued) **S120674001**

Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	NEW YORK, NY 10003
Reason Load Was Rejected:	Not reported

F39 **CON EDISON** **RCRA NonGen / NLR** **1019325247**
East **MAIN ST & PECK AVE** **NYP004808038**
1/8-1/4 **FLUSHING, NY 11355**
0.133 mi.
704 ft. **Site 6 of 8 in cluster F**

Relative:
Higher

Actual:
24 ft.

RCRA NonGen / NLR:

Date form received by agency:	2016-02-26 00:00:00.0
Facility name:	CON EDISON
Site name:	CON EDISON - MANHOLE M297
Facility address:	MAIN ST & PECK AVE FLUSHING, NY 11355
EPA ID:	NYP004808038
Mailing address:	IRVING PL15TH FL NE NEW YORK, NY 10003
Contact:	THERESA BURKARD
Contact address:	IRVING PL15TH FL NE NEW YORK, NY 10003
Contact country:	US
Contact telephone:	212-460-2262
Contact email:	BURKARDT@CONED.COM
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	CONSOLIDATED EDISON CO OF NY INC
Owner/operator address:	IRVING PL NEW YORK, NY 10003
Owner/operator country:	US
Owner/operator telephone:	Not reported

CON EDISON (Continued) **1019325247**

Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 2015-07-16 00:00:00.
Owner/Op end date: Not reported

Owner/operator name: CONSOLIDATED EDISON CO OF NY INC
Owner/operator address: IRVING PL
NEW YORK, NY 10003
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 2015-07-16 00:00:00.
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2015-07-16 00:00:00.0
Site name: CON EDISON
Classification: Not a generator, verified

Date form received by agency: 2015-07-16 00:00:00.0
Site name: CON EDISON
Classification: Large Quantity Generator

Hazardous Waste Summary:

. Waste code: D008
. Waste name: LEAD

Biennial Reports:

Last Biennial Reporting Year: 2017

CON EDISON (Continued) **1019325247**

Annual Waste Handled:
Waste code: D008
Waste name: LEAD
Amount (Lbs): 3500

Violation Status: No violations found

F40 **CON EDISON - SERVICE BOX 33001** **NY MANIFEST** **S120959119**
East **PECK AVE & MAIN ST** **N/A**
1/8-1/4 **QUEENS, NY 11355**
0.133 mi.
704 ft. **Site 7 of 8 in cluster F**

Relative:
Higher

Actual:
24 ft.

NY MANIFEST:
Name: CON EDISON - SERVICE BOX 33001
Address: PECK AVE & MAIN ST
City,State,Zip: QUEENS, NY 11355
Country: USA
EPA ID: NYP004993414
Facility Status: Not reported
Location Address 1: PECK AVE & MAIN ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: QUEENS
Location State: NY
Location Zip: 11355
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004993414
Mailing Name: CON EDISON - SERVICE BOX 33001
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PL 15TH FL NE
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: Not reported

F41 **CON ED** **NY MANIFEST** **S118563377**
East **MAIN ST & PECK AVE** **N/A**
1/8-1/4 **FLUSHING, NY 11355**
0.133 mi.
704 ft. **Site 8 of 8 in cluster F**

Relative:
Higher

Actual:
24 ft.

NY MANIFEST:
Name: CON ED
Address: MAIN ST & PECK AVE
City,State,Zip: FLUSHING, NY 11355
Country: USA
EPA ID: NYP004808038
Facility Status: Not reported

CON ED (Continued) **S118563377**

Location Address 1: MAIN ST & PECK AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: FLUSHING
Location State: NY
Location Zip: 11355
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004808038
Mailing Name: CON ED
Mailing Contact: THERESA BURKARD
Mailing Address 1: 4 IRVING PL 15TH FL NE
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124602262

D42 **42-91 SAULL STREET** **NY UST** **U004289870**
NE **42-91 SAULL STREET** **N/A**
1/8-1/4 **FLUSHING, NY 11355**
0.135 mi.
712 ft. **Site 4 of 4 in cluster D**

Relative:
Higher

Actual:
25 ft.

UST:
Name: 42-91 SAULL STREET
Address: 42-91 SAULL STREET
City,State,Zip: FLUSHING, NY 11355
Id/Status: 2-612933 / Active
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: 01/22/2024
UTM X: Not reported
UTM Y: Not reported
Site Type: Apartment Building/Office Building

Affiliation Records:
Site Id: 576897
Affiliation Type: Facility Owner
Company Name: EPCOT REALTY LLC
Contact Type: PROPERTY MANAGER
Contact Name: ABE FRIEDMAN
Address1: PO BOX 1791
Address2: Not reported
City: NEW CITY
State: NY
Zip Code: 10956
Country Code: 001
Phone: (718) 302-8383
EMail: Not reported
Fax Number: Not reported
Modified By: ACDANIEL
Date Last Modified: 2018-09-10

42-91 SAULL STREET (Continued) **U004289870**

Site Id:	576897
Affiliation Type:	Mail Contact
Company Name:	PROSPECT MANAGEMENT
Contact Type:	Not reported
Contact Name:	ALEX RADAKOVIK
Address1:	199 LEE AVE., #162
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11211
Country Code:	001
Phone:	(718) 302-8383
EMail:	ABE@PROSPECT.COM
Fax Number:	Not reported
Modified By:	JSMACRI
Date Last Modified:	2018-09-11

Site Id:	576897
Affiliation Type:	Facility Operator
Company Name:	42-91 SAULL STREET
Contact Type:	Not reported
Contact Name:	N/A
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 302-8383
EMail:	Not reported
Fax Number:	Not reported
Modified By:	JSMACRI
Date Last Modified:	2018-09-11

Site Id:	576897
Affiliation Type:	Emergency Contact
Company Name:	EPCOT REALTY LLC
Contact Type:	Not reported
Contact Name:	ALEX RADAKOVIC-SUPER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(347) 748-2372
EMail:	Not reported
Fax Number:	Not reported
Modified By:	ACDANIEL
Date Last Modified:	2018-09-10

Tank Info:

Tank Number:	01
Tank ID:	277875
Tank Status:	In Service
Material Name:	In Service

42-91 SAULL STREET (Continued) **U004289870**

Capacity Gallons:	3000
Install Date:	10/21/1952
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	10/11/2016
Pipe Model:	Not reported
Modified By:	TankSys
Last Modified:	02/04/2020

Equipment Records:

K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
L09 - Piping Leak Detection - Exempt Suction Piping
H00 - Tank Leak Detection - None
E00 - Piping Secondary Containment - None
G00 - Tank Secondary Containment - None
J05 - Dispenser - On Site Heating System (Supply/Return)
C03 - Pipe Location - Aboveground/Underground Combination
I05 - Overfill - Vent Whistle
F00 - Pipe External Protection - None
B00 - Tank External Protection - None

E43 **CON ED** **NY MANIFEST** **S119076899**
North **44-41 COLLEGE POINT BLVD OPP O** **N/A**
1/8-1/4 **FLUSHING, NY 11355**
0.140 mi.
741 ft. **Site 14 of 20 in cluster E**

Relative: **Higher**

Actual: **33 ft.**

NY MANIFEST:

Name:	CON ED
Address:	44-41 COLLEGE POINT BLVD OPP O
City,State,Zip:	FLUSHING, NY 11355
Country:	USA
EPA ID:	NYP004815847
Facility Status:	Not reported
Location Address 1:	44-41 COLLEGE POINT BLVD OPP OF
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	FLUSHING
Location State:	NY
Location Zip:	11355
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004815847
Mailing Name:	CON ED
Mailing Contact:	THERESA BURKARD
Mailing Address 1:	4 IRVING PL 15TH FL NE
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported

CON ED (Continued) **S119076899**

Mailing Country: USA
Mailing Phone: 2124602262

E44
North
1/8-1/4
0.140 mi.
741 ft.

CON EDISON **RCRA NonGen / NLR** **1019325324**
44-41 COLLEGE POINT BLVD OPP OF **NYP004815847**
FLUSHING, NY 11355

Site 15 of 20 in cluster E

Relative:
Higher

Actual:
33 ft.

RCRA NonGen / NLR:

Date form received by agency:	2016-02-26 00:00:00.0
Facility name:	CON EDISON
Site name:	CON EDISON - MANHOLE M22266
Facility address:	44-41 COLLEGE POINT BLVD OPP OF FLUSHING, NY 11355
EPA ID:	NYP004815847
Mailing address:	IRVING PL 15TH FL NE NEW YORK, NY 10003
Contact:	THERESA BURKARD
Contact address:	IRVING PL 15TH FL NE NEW YORK, NY 10003
Contact country:	US
Contact telephone:	212-460-2262
Contact email:	BURKARDT@CONED.COM
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	CONSOLIDATED EDISON CO OF NY INC
Owner/operator address:	IRVING PL NEW YORK, NY 10003
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	2015-07-30 00:00:00.
Owner/Op end date:	Not reported

Owner/operator name:	CONSOLIDATED EDISON CO OF NY INC
Owner/operator address:	IRVING PL NEW YORK, NY 10003
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	2015-07-30 00:00:00.
Owner/Op end date:	Not reported

CON EDISON (Continued) **1019325324**

Handler Activities Summary:
- U.S. importer of hazardous waste: No
- Mixed waste (haz. and radioactive): No
- Recycler of hazardous waste: No
- Transporter of hazardous waste: No
- Treater, storer or disposer of HW: No
- Underground injection activity: No
- On-site burner exemption: No
- Furnace exemption: No
- Used oil fuel burner: No
- Used oil processor: No
- User oil refiner: No
- Used oil fuel marketer to burner: No
- Used oil Specification marketer: No
- Used oil transfer facility: No
- Used oil transporter: No

Historical Generators:
- Date form received by agency: 2015-07-30 00:00:00.0
- Site name: CON EDISON
- Classification: Not a generator, verified

- Date form received by agency: 2015-07-30 00:00:00.0
- Site name: CON EDISON
- Classification: Large Quantity Generator

Hazardous Waste Summary:

- Waste code: D008
- Waste name: LEAD

Biennial Reports:

Last Biennial Reporting Year: 2017

Annual Waste Handled:
- Waste code: D008
- Waste name: LEAD
- Amount (Lbs): 9000

Violation Status: No violations found

E45 **CON EDISON** **NJ MANIFEST** **S120674728**
North **44-41 COLLEGE POINT BLVD OPP OF** **N/A**
1/8-1/4 **FLUSHING, NY 11355**
0.140 mi.
741 ft. **Site 16 of 20 in cluster E**

Relative: **Higher**

Actual: **33 ft.**

NJ MANIFEST:
- EPA Id: NYP004815847
- Mail Address: IRVING PL 15TH FL NE
- Mail City/State/Zip: NEW YORK, NY 10003
- Facility Phone: Not reported
- Emergency Phone: Not reported
- Contact: THERESA BURKARD
- Comments: Not reported
- SIC Code: Not reported

CON EDISON (Continued) **S120674728**

County:	NY081
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	014472703JJK
EPA ID:	NYP004815847
Date Shipped:	7/30/2015
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJ0000027193
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	NEW YORK, NY 10003
Reason Load Was Rejected:	Not reported

46
NE
1/8-1/4
0.142 mi.
748 ft.

134-17 CHERRY AVE.
134-17 CHERRY AVENUE
FLUSHING, NY 11355

NY UST **U004289871**
N/A

Relative:
Higher

Actual:
31 ft.

UST:

Name:	134-17 CHERRY AVE.
Address:	134-17 CHERRY AVENUE
City,State,Zip:	FLUSHING, NY 11355
Id/Status:	2-612934 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	01/22/2024
UTM X:	Not reported
UTM Y:	Not reported
Site Type:	Apartment Building/Office Building

Affiliation Records:

Site Id:	576973
Affiliation Type:	Facility Owner
Company Name:	EPCOT REALTY LLC
Contact Type:	PROPERTY MANAGER
Contact Name:	ABE FRIEDMAN
Address1:	PO BOX 1791
Address2:	Not reported
City:	NEW CITY
State:	NY
Zip Code:	10956
Country Code:	001
Phone:	(718) 302-8383
EMail:	Not reported
Fax Number:	Not reported
Modified By:	ACDANIEL
Date Last Modified:	2018-09-10

Site Id:	576973
Affiliation Type:	Emergency Contact
Company Name:	EPCOT REALTY LLC
Contact Type:	Not reported
Contact Name:	ALEX RADAKOVIC-SUPER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(347) 748-2372
EMail:	Not reported
Fax Number:	Not reported
Modified By:	ACDANIEL
Date Last Modified:	2018-09-10

Site Id:	576973
Affiliation Type:	Mail Contact
Company Name:	PROSPECT MANAGEMENT
Contact Type:	Not reported
Contact Name:	ALEX RADAKOVIC
Address1:	199 LEE AVE #162

134-17 CHERRY AVE. (Continued) **U004289871**

Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11211
Country Code:	001
Phone:	(718) 302-8383
EMail:	ABE@PROSPECTM.COM
Fax Number:	Not reported
Modified By:	JSMACRI
Date Last Modified:	2018-09-11

Site Id:	576973
Affiliation Type:	Facility Operator
Company Name:	134-17 CHERRY AVE.
Contact Type:	Not reported
Contact Name:	N/A
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 302-8383
EMail:	Not reported
Fax Number:	Not reported
Modified By:	JSMACRI
Date Last Modified:	2018-09-11

Tank Info:

Tank Number:	01
Tank ID:	277881
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	5000
Install Date:	10/21/1952
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	10/11/2016
Pipe Model:	Not reported
Modified By:	TankSys
Last Modified:	02/04/2020

Equipment Records:

H00 - Tank Leak Detection - None
L09 - Piping Leak Detection - Exempt Suction Piping
E00 - Piping Secondary Containment - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G00 - Tank Secondary Containment - None
J05 - Dispenser - On Site Heating System (Supply/Return)
C03 - Pipe Location - Aboveground/Underground Combination

134-17 CHERRY AVE. (Continued) **U004289871**

B00 - Tank External Protection - None
F00 - Pipe External Protection - None
I05 - Overfill - Vent Whistle

G47 **ENOVATION GRAPHIC SYSTEMS** **RCRA NonGen / NLR** **1007119339**
NW **131-27 FOWLER AVE** **NYR000121327**
1/8-1/4 **FLUSHING, NY 11355**
0.145 mi.
765 ft. **Site 4 of 6 in cluster G**

Relative:
Lower

Actual:
17 ft.

RCRA NonGen / NLR:

Date form received by agency:	2007-01-01 00:00:00.0
Facility name:	ENOVATION GRAPHIC SYSTEMS
Facility address:	131-27 FOWLER AVE FLUSHING, NY 11355
EPA ID:	NYR000121327
Mailing address:	FEE FEE RD MARYLAND HEIGHTS, NY 63043
Contact:	SEAN A PARKER
Contact address:	FEE FEE RD MARYLAND HEIGHTS, NY 63043
Contact country:	US
Contact telephone:	314-453-9292
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	ENOVATION GRAPHIC SYSTEMS
Owner/operator address:	FOWLER AVE FLUSHING, NY 11355
Owner/operator country:	US
Owner/operator telephone:	212-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	2002-09-22 00:00:00.
Owner/Op end date:	Not reported

Owner/operator name:	UNKNOWN
Owner/operator address:	UNKNOWN UNKNOWN, NY 99999
Owner/operator country:	US
Owner/operator telephone:	212-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	1979-12-31 00:00:00.
Owner/Op end date:	Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No

ENOVATION GRAPHIC SYSTEMS (Continued) **1007119339**

Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	2006-01-01 00:00:00.0
Site name:	ENOVATION GRAPHIC SYSTEMS
Classification:	Not a generator, verified
Date form received by agency:	2003-11-24 00:00:00.0
Site name:	ENOVATION GRAPHIC SYSTEMS
Classification:	Large Quantity Generator

Hazardous Waste Summary:

. Waste code:	D001
. Waste name:	IGNITABLE WASTE
. Waste code:	D002
. Waste name:	CORROSIVE WASTE

Violation Status: No violations found

G48 **BERNARD SCHARF** **NY E DESIGNATION** **1009232118**
NW **131-27 FOWLER AVENUE** **NY MANIFEST** **N/A**
1/8-1/4 **FLUSHING, NY 11355**
0.145 mi.
765 ft. **Site 5 of 6 in cluster G**

Relative: **Lower**

Actual: **17 ft.**

E DESIGNATION:

Name:	LOT 20,TAXBLOCK 5076
Address:	131-27 FOWLER AVENUE
City,State,Zip:	QUEENS, NY
Tax Lot(s):	20
Tax Block:	5076
Borough Code:	Not reported
E-No:	E-290
Effective Date:	3/13/2013
Satisfaction Date:	Not reported
Ceqr Number:	07DCP050Q
Ulurp Number:	070352ZMQ
Zoning Map No:	10b
Description:	Air Quality - HVAC fuel limited to natural gas
Lot Remediation Date:	Not reported
Description:	Exhaust stack location limitations

BERNARD SCHARF (Continued) **1009232118**

Lot Remediation Date: Not reported

Description: Window Wall Attenuation & Alternate Ventilation
Lot Remediation Date: Not reported

Description: Hazardous Materials* Phase I and Phase II Testing Protocol
Lot Remediation Date: Not reported

NY MANIFEST:
Name: BERNARD SCHARF
Address: 131-27 FOWLER AVENUE
City,State,Zip: FLUSHING, NY 11355
Country: USA
EPA ID: NYP000858969
Facility Status: Not reported
Location Address 1: 131-27 FOWLER AVENUE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: FLUSHING
Location State: NY
Location Zip: 11355
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP000858969
Mailing Name: BERNARD SCHARF
Mailing Contact: BERNARD SCHARF
Mailing Address 1: 131-27 FOWLER AVENUE
Mailing Address 2: Not reported
Mailing City: FLUSHING
Mailing State: NY
Mailing Zip: 11355
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 5168294152

NY MANIFEST:
Document ID: NYA3059177
Manifest Status: C
seq: Not reported
Year: 1986
Trans1 State ID: 119TWP
Trans2 State ID: Not reported
Generator Ship Date: 06/20/1986
Trans1 Recv Date: 06/20/1986
Trans2 Recv Date: / /
TSD Site Recv Date: 06/20/1986
Part A Recv Date: 06/27/1986
Part B Recv Date: 06/26/1986
Generator EPA ID: NYP000858969
Trans1 EPA ID: NYD082785429
Trans2 EPA ID: Not reported
TSDF ID 1: NYD082785429
TSDF ID 2: Not reported
Manifest Tracking Number: Not reported
Import Indicator: Not reported

BERNARD SCHARF (Continued) **1009232118**

Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	D002 - NON-LISTED CORROSIVE WASTES
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	01250
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	269
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	110
Waste Code:	D002 - NON-LISTED CORROSIVE WASTES
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00170
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	004
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	110
Waste Code:	D002 - NON-LISTED CORROSIVE WASTES
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00210
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	045
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	110

E49 **WESTERN BEEF SUPERMARKET** **NY AST** **U004048750**
North **44-44 COLLEGE POINT BOULEVARD** **N/A**
1/8-1/4 **FLUSHING, NY 11355**
0.146 mi.
770 ft. **Site 17 of 20 in cluster E**

Relative: AST:
Higher

Name:	WESTERN BEEF SUPERMARKET
Address:	44-44 COLLEGE POINT BOULEVARD
City,State,Zip:	FLUSHING, NY 11355
Region:	STATE
DEC Region:	2

Actual:
28 ft.

WESTERN BEEF SUPERMARKET (Continued) **U004048750**

Site Status:	Unregulated/Closed
Facility Id:	2-608162
Program Type:	PBS
UTM X:	598548.81109
UTM Y:	4511959.45067
Expiration Date:	N/A
Site Type:	Other Wholesale/Retail Sales

Affiliation Records:

Site Id:	30014
Affiliation Type:	Facility Owner
Company Name:	WESTERN BEEF PROPERTIES, INC.
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	47-05 METROPOLITAN AVENUE
Address2:	Not reported
City:	RIDGEWOOD
State:	NY
Zip Code:	11385
Country Code:	001
Phone:	(718) 417-3770
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2013-05-31

Site Id:	30014
Affiliation Type:	Mail Contact
Company Name:	WESTERN BEEF MAIN OFFICE
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	WESTERN BEEF
Address2:	47-05 METROPOLITAN AVENUE
City:	RIDGEWOOD
State:	NY
Zip Code:	11385
Country Code:	001
Phone:	(718) 417-3770
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	30014
Affiliation Type:	Facility Operator
Company Name:	WESTERN BEEF SUPERMARKET
Contact Type:	Not reported
Contact Name:	WESTERN BEEF
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 539-4900
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT

WESTERN BEEF SUPERMARKET (Continued) **U004048750**

Date Last Modified:	2004-03-04
Site Id:	30014
Affiliation Type:	Emergency Contact
Company Name:	WESTERN BEEF PROPERTIES, INC.
Contact Type:	Not reported
Contact Name:	WESTERN BEEF MAINTENANCE DEPT.
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 628-2336
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	1
Tank Id:	64747
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

	H00 - Tank Leak Detection - None
	J02 - Dispenser - Suction Dispenser
	C01 - Pipe Location - Aboveground
	A00 - Tank Internal Protection - None
	D01 - Pipe Type - Steel/Carbon Steel/Iron
	I01 - Overfill - Float Vent Valve
	G01 - Tank Secondary Containment - Diking (Aboveground)
	B00 - Tank External Protection - None
	F00 - Pipe External Protection - None
Tank Location:	Aboveground in subterranean vault with access for inspections.....
	Tank in subterranean vault but accessible for inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	2000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	01/01/2003
Register:	True
Modified By:	TRANSLAT
Last Modified:	04/14/2017
Material Name:	#2 fuel oil (on-site consumption)

E50 **WESTERN BEEF** **NY LTANKS** **S105997581**
North **44-44 COLLEGE PT BLVD** **N/A**
1/8-1/4 **FLUSHING, NY**
0.146 mi.
770 ft. **Site 18 of 20 in cluster E**

Relative: **Higher**

Actual: **28 ft.**

LTANKS:

Name:	WESTERN BEEF
Address:	44-44 COLLEGE PT BLVD
City,State,Zip:	FLUSHING, NY
Spill Number/Closed Date:	0209360 / 2003-12-11
Facility ID:	0209360
Site ID:	83247
Spill Date:	2002-12-11
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	TJDEMEO
Referred To:	Not reported
Reported to Dept:	2002-12-11
CID:	390
Water Affected:	Not reported
Spill Notifier:	Local Agency
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2002-12-11
Spill Record Last Update:	2006-06-28
Spiller Name:	UNK
Spiller Company:	WESTERN BEEF
Spiller Address:	44-44 COLLEGE POINT BL
Spiller County:	001
Spiller Contact:	UNK
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	76615
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was DEMEO 12/12/02 Rommel Office Duty Western Beef ordered oil for two of their locations, 500 gallons for the College Point location and 4000 gallons for another. Madison Fuel Oil Company switched the order tickets and attempted to deliver 4000 gallons to the 2000 gallon (unregistered) vaulted aboveground storage tank. At approximately 5pm on 12/11/02, Madison Oil delivered 2500 gallons before a problem was noted. Most of the oil spilled in the tank room which contained two floor drains that discharge to a sump. Oil also spilled out the vent, down the ceiling tiles and into the food store. Spills staff, DLE, DEP, FDNY and Tradewinds, Madison Fuel Oil's contractor, responded to the scene. Tradwinds was able to recover 1000 gallons from the tank. An additional 2500 gallons of total fluids (water and oil) was recovered from the floor drains, sump and tank vault. DEC and DEP pulled the sewer manhole covers but did not find more than a sheen. Flushing Creek was inspected and no impacts were found. DLE issued citations to both Western Beef and Madison Fuel Oil. Today (12/12), Spills staff is returning to the scene to ensure there are no impacts

WESTERN BEEF (Continued) **S105997581**

to Flushing Creek. 12/12/2002-Vought-Site visit by Vought. Store open for business and no contractor on-site. Blower fan in continuous operation with vent tube running from tank room to roof. No detectable odor in store. Flushing Creek was inspected and no impact were found. Sump remains disconnected as per DEP summons. According to Department of Fire Prevention record tank has 2,000 gal capacity. According to Larry Grossman (store manager 718-359-4900) and Robert Ciraolo (Western Beef Maintenance Supervisor 718-628-2336) all directly oil impacted food was disposed of (food by leaking vent), no NYC Department of Health or Department of Agriculture site visits were performed. According to Ciraolo tank dimensions suggest 2,000gal capacity and Tradewinds will be onsite tomorrow to continue cleanup. Tradewinds did not respond today because the proper container could not be supplied to handle the impacted cinderblock and wood. The container will be on-site tomorrow so work may be continued. Ciraolo also stated the tank was empty and that the building was using natural gas heat. Arthur Baldwin environmental consultant (Tradewinds 631-435-8900) was contacted and the scope of work includes sweeping up the remaining adsorbent material, powerwash and visual inspection of concrete floor for pathways to subsurface, registering of tank, decomissioning of tank, removal of tank and remaining interstitial soil and investigation of tank vault for pathways to subsurface. 12/11/03 TJD Spilled product cleaned by Tradewinds. No disposal documents submitted. Spill administratively closed."

Remarks: "tank failed - several hundred gallons spilled - tank is a 4,000-5,000 gallon tank - unk exact amount spilled"

All Materials:

Site ID:	83247
Operable Unit ID:	860735
Operable Unit:	01
Material ID:	516335
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

H51 **QUEENS BOTANICAL GARDENS** **NY UST** **U003712128**
ENE **43-50 MAIN STREET** **N/A**
1/8-1/4 **FLUSHING, NY 11355**
0.146 mi.
771 ft. **Site 1 of 13 in cluster H**

Relative:
Higher

Actual:
20 ft.

UST:

Name:	QUEENS BOTANICAL GARDENS
Address:	43-50 MAIN STREET
City,State,Zip:	FLUSHING, NY 11355
Id/Status:	2-604279 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	599092.36364

QUEENS BOTANICAL GARDENS (Continued) **U003712128**

UTM Y: 4511835.13310
Site Type: Other

Affiliation Records:

Site Id: 26158
Affiliation Type: Facility Owner
Company Name: NYCDCLA QUEENS BOTANICAL GARDENS
Contact Type: Not reported
Contact Name: Not reported
Address1: 43-50 MAIN STREET
Address2: Not reported
City: FLUSHING
State: NY
Zip Code: 11355
Country Code: 001
Phone: (718) 886-3800
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 26158
Affiliation Type: Mail Contact
Company Name: QUEENS BOTANICAL GARDENS NYCDCLA
Contact Type: Not reported
Contact Name: PETER SANSONE
Address1: 43-50 MAIN STREET
Address2: Not reported
City: FLUSHING
State: NY
Zip Code: 11355
Country Code: 001
Phone: (718) 886-3800
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 26158
Affiliation Type: Facility Operator
Company Name: QUEENS BOTANICAL GARDENS
Contact Type: Not reported
Contact Name: PETER SANSONE
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 886-3800
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 26158
Affiliation Type: Emergency Contact
Company Name: NYCDCLA QUEENS BOTANICAL GARDENS

QUEENS BOTANICAL GARDENS (Continued) **U003712128**

Contact Type:	Not reported
Contact Name:	PETER SANSONE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 886-3800
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	01
Tank ID:	57268
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	3000
Install Date:	Not reported
Date Tank Closed:	03/01/2001
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I05 - Overfill - Vent Whistle

Tank Number:	02
Tank ID:	57269
Tank Status:	Closed Prior to Micro Conversion, 03/91
Material Name:	Closed Prior to Micro Conversion, 03/91
Capacity Gallons:	500
Install Date:	Not reported
Date Tank Closed:	02/20/2001
Registered:	True
Tank Location:	Underground

QUEENS BOTANICAL GARDENS (Continued) **U003712128**

Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
F00 - Pipe External Protection - None

H52 **CON EDISON GAS DRIP NONE** **RCRA NonGen / NLR** **1014926248**
ENE **MAIN ST & ELDER AV** **NYP004239768**
1/8-1/4 **FLUSHING, NY 11355**
0.146 mi.
772 ft. **Site 2 of 13 in cluster H**

Relative:
Higher

Actual:
18 ft.

RCRA NonGen / NLR:
Date form received by agency: 2012-03-06 00:00:00.0
Facility name: CON EDISON GAS DRIP NONE
Site name: CON EDISON - GAS DRIP NONE
Facility address: MAIN ST & ELDER AV
FLUSHING, NY 11355
EPA ID: NYP004239768
Mailing address: IRVING PLACE
NEW YORK, NY 10003
Contact: DENNIS HUACON
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: 212-460-2757
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner/operator address: IRVING PLACE, 15TH FL
NEW YORK, NY 10003
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner

CON EDISON GAS DRIP NONE (Continued) **1014926248**

Owner/Op start date: 2011-08-09 00:00:00.
Owner/Op end date: Not reported

Owner/operator name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner/operator address: IRVING PLACE, 15TH FL
NEW YORK, NY 10003
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 2011-08-09 00:00:00.
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2011-09-08 00:00:00.0
Site name: CON EDISON GAS DRIP NONE
Classification: Not a generator, verified

Date form received by agency: 2011-08-09 00:00:00.0
Site name: CON EDISON GAS DRIP NONE
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D018
. Waste name: BENZENE

Violation Status: No violations found

H53 **CON EDISON GAS DRIP NONE** **NJ MANIFEST** **S120665893**
ENE **MAIN ST & ELDER AVE** **N/A**
1/8-1/4 **FLUSHING, NY 11355**
0.146 mi.
772 ft. **Site 3 of 13 in cluster H**

Relative:
Higher

Actual:
18 ft.

NJ MANIFEST:

EPA Id:	NYP004239768
Mail Address:	4 IRVING PL, RM 828
Mail City/State/Zip:	NEW YORK, NY 10003
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	JOSEPH LYNCH
Comments:	Not reported
SIC Code:	Not reported
County:	NY081
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	001128408GBF
EPA ID:	NYP004239768
Date Shipped:	8/11/2011
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJD003812047
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported

CON EDISON GAS DRIP NONE (Continued) **S120665893**

Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D018
Hand Code: H061
Quantity: 3,040.00 Pounds

Manifest Number: 001127812GBF
EPA ID: NYP004239768
Date Shipped: 8/25/2011
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJD003812047
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D018
Hand Code: H061

CON EDISON GAS DRIP NONE (Continued) **S120665893**

Quantity: 21,800.00 Pounds

Manifest Number: 001127934GBF
EPA ID: NYP004239768
Date Shipped: 8/25/2011
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJD003812047
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D018
Hand Code: H141
Quantity: 13,020.00 Pounds

H54 **CONSOLIDATED EDISON** **NY MANIFEST** **S119073418**
ENE **MAIN ST & ELDER AVE** **N/A**
1/8-1/4 **FLUSHING, NY 11355**
0.146 mi.
772 ft. **Site 4 of 13 in cluster H**

Relative:
Higher

Actual:
18 ft.

NY MANIFEST:

Name:	CONSOLIDATED EDISON
Address:	MAIN ST & ELDER AVE
City,State,Zip:	FLUSHING, NY 11355
Country:	USA
EPA ID:	NYP004239768
Facility Status:	Not reported
Location Address 1:	MAIN ST & ELDER AV
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	FLUSHING
Location State:	NY
Location Zip:	11355
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004239768
Mailing Name:	CONSOLIDATED EDISON
Mailing Contact:	TOM TEELING
Mailing Address 1:	4 IRVING PLACE RM 828
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2011
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	08/25/2011
Trans1 Recv Date:	08/25/2011
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	08/26/2011
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004239768
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	001127812GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	Y
Discr Type Indicator:	N
Discr Residue Indicator:	N

CONSOLIDATED EDISON (Continued) **S119073418**

Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H061
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	21800.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Waste Code:	D018
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

H55 **CON EDISON - SERVICE BOX 4184** **RCRA-LQG** **1016454676**
ENE **ELDER AVE** **NYP004331336**
1/8-1/4 **FLUSHING, NY 11355**
0.146 mi.
772 ft. **Site 5 of 13 in cluster H**

Relative: **Higher**
Actual: **18 ft.**

RCRA-LQG:

Date form received by agency:	2014-03-27 00:00:00.0
Facility name:	CON EDISON - SERVICE BOX 4184
Facility address:	ELDER AVE FLUSHING, NY 11355
EPA ID:	NYP004331336
Mailing address:	IRVING PLACE, 15TH FL NE NEW YORK, NY 10003
Contact:	DENNIS HUACON
Contact address:	IRVING PLACE, 15TH FL NE NEW YORK, NY 10003
Contact country:	US
Contact telephone:	212-460-2757
Contact email:	HUACOND@CONED.COM
EPA Region:	02
Classification:	Large Quantity Generator
Description:	Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely

CON EDISON - SERVICE BOX 4184 (Continued) **1016454676**

hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name:	CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner/operator address:	IRVING PLACE NEW YORK, NY 10003
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	2013-07-18 00:00:00.
Owner/Op end date:	Not reported

Owner/operator name:	CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner/operator address:	IRVING PLACE NEW YORK, NY 10003
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	2013-07-18 00:00:00.
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	2013-08-18 00:00:00.0
Site name:	CON EDISON SERVICE BOX: 4184
Classification:	Not a generator, verified

Date form received by agency:	2013-07-18 00:00:00.0
Site name:	CON EDISON SERVICE BOX: 4184
Classification:	Conditionally Exempt Small Quantity Generator

CON EDISON - SERVICE BOX 4184 (Continued) **1016454676**

Hazardous Waste Summary:

. Waste code: D008
. Waste name: LEAD

Violation Status: No violations found

H56 **CON EDISON** **NY MANIFEST** **S119073695**
ENE **ELDER AVE** **N/A**
1/8-1/4 **FLUSHING, NY 11355**
0.146 mi.
772 ft. **Site 6 of 13 in cluster H**

Relative: **Higher**
Actual: **18 ft.**

NY MANIFEST:

Name:	CON EDISON
Address:	ELDER AVE
City,State,Zip:	FLUSHING, NY 11355
Country:	USA
EPA ID:	NYP004331336
Facility Status:	Not reported
Location Address 1:	ELDER AVE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	FLUSHING
Location State:	NY
Location Zip:	11355
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004331336
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address 1:	4 IRVING PLACE 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2013
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	07/18/2013
Trans1 Recv Date:	07/18/2013
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	07/23/2013
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004331336
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported

CON EDISON (Continued) **S119073695**

TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002086393GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	400
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

E57 **CON EDISON** **NY MANIFEST** **S118087785**
North **44-37 COLLEGE POINT BLVD** **N/A**
1/8-1/4 **FLUSHING, NY 11354**
0.148 mi.
780 ft. **Site 19 of 20 in cluster E**

Relative:
Higher

Actual:
35 ft.

NY MANIFEST:

Name:	CON EDISON
Address:	44-37 COLLEGE POINT BLVD
City,State,Zip:	FLUSHING, NY 11354
Country:	USA
EPA ID:	NYP004567723
Facility Status:	Not reported
Location Address 1:	FO 44-37 COLLEGE POINT BLVD
Code:	BP
Location Address 2:	SB 38503
Total Tanks:	Not reported
Location City:	QUEENS
Location State:	NY
Location Zip:	11355
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004567723

CON EDISON (Continued) **S118087785**

Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address 1:	4 IRVING PLACE 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2014
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	06/17/2014
Trans1 Recv Date:	06/17/2014
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	06/23/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004567723
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	013255429JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	50
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported

CON EDISON (Continued) **S118087785**

Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

E58 **CON EDISON SERVICE BOX: 38503** **RCRA NonGen / NLR** **1017778818**
North **44-37 COLLEGE POINT BLVD** **FINDS** **NYP004567723**
1/8-1/4 **FLUSHING, NY 11354**
0.148 mi.
780 ft. **Site 20 of 20 in cluster E**

Relative:
Higher

Actual:
35 ft.

RCRA NonGen / NLR:
Date form received by agency: 2014-07-17 00:00:00.0
Facility name: CON EDISON SERVICE BOX: 38503
Facility address: 44-37 COLLEGE POINT BLVD
FLUSHING, NY 11354
EPA ID: NYP004567723
Mailing address: IRVING PL, 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-460-3770
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2014-06-17 00:00:00.0
Site name: CON EDISON
Classification: Small Quantity Generator

Date form received by agency: 2014-06-17 00:00:00.0
Site name: CON EDISON
Classification: Not a generator, verified

Violation Status: No violations found

FINDS:

CON EDISON SERVICE BOX: 38503 (Continued) **1017778818**

Registry ID: 110063823224

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

59
NNW
1/8-1/4
0.153 mi.
810 ft.

HOME DEPOT USA INC STORE NO 1214 **PA MANIFEST** **S108850805**
131-35 AVERY AVENUE **N/A**
FLUSHING, NY 11355

Relative:
Higher

Actual:
21 ft.

Manifest Details:

Year:	2006
Manifest Number:	000282734FLE
Manifest Type:	TSD Copy
Generator EPA Id:	NYR000015974
Generator Date:	09/19/2006
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
TSD EPA Id:	PAD085690592
TSD Date:	Not reported
TSD Facility Name:	REPUBLIC ENVIRONMENTAL SYSTEMS OF PA INC
TSD Facility Address:	2869 SANDSTONE DRIVE
TSD Facility City:	HATFIELD
TSD Facility State:	PA
Facility Telephone:	760-602-8700
Page Number:	1
Line Number:	1
Waste Number:	D011
Container Number:	1
Container Type:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	7
Unit:	Pounds
Handling Code:	Not reported
TSP EPA Id:	Not reported
Date TSP Sig:	Not reported

I60 **CON EDISON SERVICE BOX: 69021** **RCRA NonGen / NLR** **1016961402**
ENE **43-08 MAIN ST FRONT OF** **NY MANIFEST** **NYP004340790**
1/8-1/4 **FLUSHING, NY 11355**
0.157 mi.
829 ft. **Site 1 of 4 in cluster I**

Relative:
Higher

Actual:
30 ft.

RCRA NonGen / NLR:

Date form received by agency:	2013-09-02 00:00:00.0
Facility name:	CON EDISON SERVICE BOX: 69021
Facility address:	43-08 MAIN ST FRONT OF FLUSHING, NY 11355
EPA ID:	NYP004340790
Mailing address:	IRVING PL, RM 828 NEW YORK, NY 10003
Contact:	JOHN KOLNSBERG
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	718-321-4786
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	2013-08-02 00:00:00.0
Site name:	CON EDISON SERVICE BOX: 69021
Classification:	Conditionally Exempt Small Quantity Generator
Violation Status:	No violations found

NY MANIFEST:

Name:	CON EDISON
Address:	43-08 MAIN ST FRONT OF
City,State,Zip:	FLUSHING, NY 11355
Country:	USA
EPA ID:	NYP004340790
Facility Status:	Not reported
Location Address 1:	43-08 MAIN ST
Code:	BP
Location Address 2:	SB #69021
Total Tanks:	Not reported

CON EDISON SERVICE BOX: 69021 (Continued) **1016961402**

Location City: QUEENS
Location State: NY
Location Zip: 11355
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004340790
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PLACE 15TH FLOOR
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124603770

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2013
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 08/02/2013
Trans1 Recv Date: 08/02/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/06/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004340790
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002219257GBF
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 1343
Units: P - Pounds
Number of Containers: 1

CON EDISON SERVICE BOX: 69021 (Continued) **1016961402**

Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

G61 **131-05 HOLDING LLC** **RCRA NonGen / NLR** **1017788214**
NW **131-05 & 131-15 FOWLER AVE** **FINDS** **NYR000219527**
1/8-1/4 **FLUSHING, NY 11355** **ECHO**
0.158 mi.
833 ft. **Site 6 of 6 in cluster G**

Relative:
Lower

Actual:
16 ft.

RCRA NonGen / NLR:

Date form received by agency:	2019-02-19 00:00:00.0
Facility name:	131-05 HOLDING LLC
Facility address:	131-05 & 131-15 FOWLER AVE BLOCK 5076 LOT 31 FLUSHING, NY 11355
EPA ID:	NYR000219527
Mailing address:	HOWARD ST SUITE 203 NEW YORK, NY 10013
Contact:	SUXUAN WANG
Contact address:	YU & ASSOCIATES; GEOTECHNICAL, ENVIRON & CIVIL ENG 200 RIVERFRONT BLVD ELMWOOD PARK, NJ 07407
Contact country:	US
Contact telephone:	201-773-9621
Contact email:	SWANG@YU-ASSOCIATES.COM
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	131-05 HOLDING LLC
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	2014-05-19 00:00:00.
Owner/Op end date:	Not reported
Owner/operator name:	131-05 HOLDING LLC
Owner/operator address:	HOWARD ST SUITE 203 NEW YORK, NY 10013
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported

131-05 HOLDING LLC (Continued) **1017788214**

Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 2014-05-19 00:00:00.
Owner/Op end date: Not reported

Owner/operator name: 131-05 HOLDING LLC
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 2014-05-19 00:00:00.
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2015-05-26 00:00:00.0
Site name: 131-05 HOLDING LLC
Classification: Large Quantity Generator

Hazardous Waste Summary:

. Waste code: B007
. Waste name: Other PCB wastes, including contaminated soil, solids, sludges, clothing, rags and dredge material.

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040
. Waste name: TRICHLORETHYLENE

Violation Status: No violations found

FINDS:

131-05 HOLDING LLC (Continued) **1017788214**

Registry ID: 110064468703

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1017788214
Registry ID:	110064468703
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110064468703
Name:	131-05 HOLDING LLC
Address:	131-05 & 131-15 FOWLER AVE
City,State,Zip:	FLUSHING, NY 11355

H62 **SUNOCO SERVICE STATION** **RCRA NonGen / NLR** **1000328941**
ENE **43-25 MAIN ST** **FINDS** **NYD089723167**
1/8-1/4 **FLUSHING, NY 11355** **ECHO**
0.159 mi.
837 ft. **Site 7 of 13 in cluster H**

Relative: Higher
Actual: 27 ft.

RCRA NonGen / NLR:

Date form received by agency:	2007-01-01 00:00:00.0
Facility name:	SUNOCO SERVICE STATION
Facility address:	43-25 MAIN ST FLUSHING, NY 11355
EPA ID:	NYD089723167
Mailing address:	MAIN ST FLUSHING, NY 11355
Contact:	AUTO PATGO
Contact address:	MAIN ST FLUSHING, NY 11355
Contact country:	US
Contact telephone:	212-555-1212
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	PATGO AUTO SERVICE CENTER INC
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	212-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator

SUNOCO SERVICE STATION (Continued) **1000328941**

Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: PATGO AUTO SERVICE CENTER INC
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: 212-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2006-01-01 00:00:00.0
Site name: SUNOCO SERVICE STATION
Classification: Not a generator, verified

Date form received by agency: 1980-08-18 00:00:00.0
Site name: SUNOCO SERVICE STATION
Classification: Not a generator, verified

Hazardous Waste Summary:

. Waste code: D000
. Waste name: Not Defined

. Waste code: D001
. Waste name: IGNITABLE WASTE

Violation Status: No violations found

FINDS:
Registry ID: 110004373721

SUNOCO SERVICE STATION (Continued) **1000328941**

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000328941
Registry ID:	110004373721
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110004373721
Name:	SUNOCO SERVICE STATION
Address:	43-25 MAIN ST
City,State,Zip:	FLUSHING, NY 11355

J63 **5601 MAIN ST/QUEENS/MERI0** **NY LTANKS** **S100145014**
ESE **5601 MAIN ST** **N/A**
1/8-1/4 **NEW YORK CITY, NY**
0.159 mi.
840 ft. **Site 1 of 4 in cluster J**

Relative:
Higher

Actual:
46 ft.

LTANKS:

Name:	5601 MAIN ST/QUEENS
Address:	5601 MAIN ST
City,State,Zip:	NEW YORK CITY, NY
Spill Number/Closed Date:	8710247 / 1990-12-19
Facility ID:	8710247
Site ID:	183730
Spill Date:	1988-03-07
Spill Cause:	Tank Test Failure
Spill Source:	Gasoline Station or other PBS Facility
Spill Class:	Not reported
Cleanup Ceased:	1990-12-19
SWIS:	4101
Investigator:	SULLIVAN
Referred To:	Not reported
Reported to Dept:	1988-03-07
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1988-03-18
Spill Record Last Update:	1991-01-07
Spiller Name:	Not reported
Spiller Company:	MERIT OIL COMPANY
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported

5601 MAIN ST/QUEENS/MERI0 (Continued) **S100145014**

Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	153783
DEC Memo:	""
Remarks:	"(2) 4K MANIFOLDED TANK SYSTEM FAILED PETRO TITE TEST WITH A LEAK RATE OF -0.526GPH, EXCAVATE, ISOLATE & RETEST BY GASOLINE INSTALLATIONS, PASSED."

All TTF:

Facility ID:	8710247
Spill Number:	8710247
Spill Tank Test:	1533391
Site ID:	183730
Tank Number:	Not reported
Tank Size:	0
Material:	0009
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	183730
Operable Unit ID:	915947
Operable Unit:	01
Material ID:	462023
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	Not reported
Recovered:	.00
Oxygenate:	Not reported

Name:	5601 MAIN ST/QUEENS/MERI0
Address:	5601 MAIN ST
City,State,Zip:	NEW YORK CITY, NY
Spill Number/Closed Date:	8710291 / 1990-12-19
Facility ID:	8710291
Site ID:	183731
Spill Date:	1988-03-08
Spill Cause:	Tank Test Failure
Spill Source:	Gasoline Station or other PBS Facility
Spill Class:	Not reported
Cleanup Ceased:	1990-12-19
SWIS:	4101
Investigator:	SULLIVAN
Referred To:	Not reported

5601 MAIN ST/QUEENS/MERI0 (Continued) **S100145014**

Reported to Dept:	1988-03-08
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1988-03-16
Spill Record Last Update:	1991-01-07
Spiller Name:	Not reported
Spiller Company:	MERIT STATION
Spiller Address:	5601 MAIN ST
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	153783
DEC Memo:	""
Remarks:	"(2) TANKS 4K & 2K MANIFOLDED WITH AN ESTIMATED LEAK RATE OF 4 GALLONS PER 15 MINS,(16 GALS/HR), WILL EXCAVATE, ISOLATE & RETEST BY GASOLINE INSTALLATIONS, PASSED."

All TTF:

Facility ID:	8710291
Spill Number:	8710291
Spill Tank Test:	1533404
Site ID:	183731
Tank Number:	Not reported
Tank Size:	0
Material:	0009
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	183731
Operable Unit ID:	915999
Operable Unit:	01
Material ID:	462064
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	Not reported
Recovered:	.00
Oxygenate:	Not reported

H64 **CON EDISON SERVICE BOX: 4182** **RCRA NonGen / NLR** **1016960821**
ENE **43-45 MAIN ST** **NY MANIFEST** **NYP004330056**
1/8-1/4 **FLUSHING, NY 11355**
0.161 mi.
852 ft. **Site 8 of 13 in cluster H**

Relative:
Higher

Actual:
20 ft.

RCRA NonGen / NLR:

Date form received by agency:	2014-04-05 00:00:00.0
Facility name:	CON EDISON SERVICE BOX: 4182
Facility address:	43-45 MAIN ST FLUSHING, NY 11355
EPA ID:	NYP004330056
Mailing address:	IRVING PL, 15TH FL NE NEW YORK, NY 10003
Contact:	THOMAS TEELING
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	212-460-3770
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	2014-03-05 00:00:00.0
Site name:	CON EDISON SERVICE BOX: 4182
Classification:	Conditionally Exempt Small Quantity Generator
Violation Status:	No violations found

NY MANIFEST:

Name:	CON EDISON
Address:	43-45 MAIN ST
City,State,Zip:	FLUSHING, NY 11355
Country:	USA
EPA ID:	NYP004330056
Facility Status:	Not reported
Location Address 1:	43-45 MAIN ST
Code:	BP
Location Address 2:	SB #4138
Total Tanks:	Not reported

CON EDISON SERVICE BOX: 4182 (Continued) **1016960821**

Location City:	QUEENS
Location State:	NY
Location Zip:	11355
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004330056
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address 1:	4 IRVING PLACE 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2013
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	07/16/2013
Trans1 Recv Date:	07/16/2013
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	07/18/2013
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004330056
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002086320GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	150
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1

CON EDISON SERVICE BOX: 4182 (Continued) **1016960821**

Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

H65 **S S PREMISES C-O SHELL OIL CO** **RCRA NonGen / NLR** **1000140666**
ENE **4345 MAIN ST** **FINDS** **NYD981184468**
1/8-1/4 **FLUSHING, NY 11352** **ECHO**
0.161 mi.
852 ft. **Site 9 of 13 in cluster H**

Relative: **Higher**
Actual: **20 ft.**

RCRA NonGen / NLR:

Date form received by agency:	2007-01-01 00:00:00.0
Facility name:	S S PREMISES C-O SHELL OIL CO
Facility address:	4345 MAIN ST FLUSHING, NY 11352
EPA ID:	NYD981184468
Mailing address:	JERICHO PLZ JERICHO, NY 11753
Contact:	JOHN SPINELLE
Contact address:	JERICHO PLZ JERICHO, NY 11753
Contact country:	US
Contact telephone:	800-431-5566
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	SHELL OIL CO
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	212-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	SHELL OIL CO
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	212-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported

S S PREMISES C-O SHELL OIL CO (Continued) **1000140666**

Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2006-01-01 00:00:00.0
Site name: S S PREMISES C-O SHELL OIL CO
Classification: Not a generator, verified

Date form received by agency: 1986-03-03 00:00:00.0
Site name: S S PREMISES C-O SHELL OIL CO
Classification: Not a generator, verified

Hazardous Waste Summary:

. Waste code: D000
. Waste name: Not Defined

. Waste code: K052
. Waste name: TANK BOTTOMS (LEADED) FROM THE PETROLEUM REFINING INDUSTRY.

. Waste code: X001
. Waste name: WASTE OILS

Violation Status: No violations found

FINDS:
Registry ID: 110004402726

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

S S PREMISES C-O SHELL OIL CO (Continued) **1000140666**

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000140666
Registry ID:	110004402726
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110004402726
Name:	S S PREMISES C-O SHELL OIL CO
Address:	4345 MAIN ST
City,State,Zip:	FLUSHING, NY 11352

H66 **SHELL OIL COMPANY** **NY MANIFEST** **S117562559**
ENE **4345 MAIN ST** **N/A**
1/8-1/4 **FLUSHING, NY 11352**
0.161 mi.
852 ft. **Site 10 of 13 in cluster H**

Relative:
Higher

Actual:
20 ft.

NY MANIFEST:

Name:	SHELL OIL COMPANY
Address:	4345 MAIN ST
City,State,Zip:	FLUSHING, NY 11352
Country:	USA
EPA ID:	NYD981184468
Facility Status:	Not reported
Location Address 1:	FLUSHING STATION
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	JERICHO
Location State:	NY
Location Zip:	11753
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYD981184468
Mailing Name:	SHELL OIL COMPANY
Mailing Contact:	SHELL OIL COMPANY
Mailing Address 1:	ONE JERCIHO PLAZA
Mailing Address 2:	Not reported
Mailing City:	JERICHOFLUSHING STATION
Mailing State:	NY
Mailing Zip:	11753
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	5169388686

NY MANIFEST:

Document ID:	CTA0073528
Manifest Status:	C
seq:	Not reported
Year:	1986
Trans1 State ID:	7218RZ
Trans2 State ID:	Not reported
Generator Ship Date:	03/12/1986
Trans1 Recv Date:	03/12/1986
Trans2 Recv Date:	/ /
TSD Site Recv Date:	03/12/1986

SHELL OIL COMPANY (Continued) **S117562559**

Part A Recv Date:	03/21/1986
Part B Recv Date:	03/25/1986
Generator EPA ID:	NYD981184468
Trans1 EPA ID:	NYD075788851
Trans2 EPA ID:	Not reported
TSDF ID 1:	CTD072138969
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	K052 - TANK BTM(LEADED) FM PETR REF INDUSTRY
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	04400
Units:	P - Pounds
Number of Containers:	008
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100

H67 **CON EDISON SERVICE BOX: 49441** **RCRA NonGen / NLR** **1016454609**
ENE **43-35 MAIN ST** **FINDS** **NYP004330171**
1/8-1/4 **FLUSHING, NY 11355** **ECHO**
0.162 mi. **NY MANIFEST**
858 ft. **Site 11 of 13 in cluster H**

Relative:
Higher

Actual:
22 ft.

RCRA NonGen / NLR:

Date form received by agency:	2013-08-16 00:00:00.0
Facility name:	CON EDISON SERVICE BOX: 49441
Facility address:	43-35 MAIN ST FLUSHING, NY 11355
EPA ID:	NYP004330171
Mailing address:	VING PL, 15TH FL NE NEW YORK, NY 10003
Contact:	THOMAS TEELING
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	212-460-3770
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

CON EDISON SERVICE BOX: 49441 (Continued) **1016454609**

Handler Activities Summary:
- U.S. importer of hazardous waste: No
- Mixed waste (haz. and radioactive): No
- Recycler of hazardous waste: No
- Transporter of hazardous waste: No
- Treater, storer or disposer of HW: No
- Underground injection activity: No
- On-site burner exemption: No
- Furnace exemption: No
- Used oil fuel burner: No
- Used oil processor: No
- User oil refiner: No
- Used oil fuel marketer to burner: No
- Used oil Specification marketer: No
- Used oil transfer facility: No
- Used oil transporter: No

Historical Generators:
- Date form received by agency: 2013-07-16 00:00:00.0
- Site name: CON EDISON SERVICE BOX: 49441
- Classification: Conditionally Exempt Small Quantity Generator

- Violation Status: No violations found

FINDS:
- Registry ID: 110056498302

- Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
- Envid: 1016454609
- Registry ID: 110056498302
- DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110056498302
- Name: CON EDISON SERVICE BOX: 49441
- Address: 43-35 MAIN ST
- City,State,Zip: FLUSHING, NY 11355

NY MANIFEST:
- Name: CON EDISON
- Address: 43-35 MAIN ST
- City,State,Zip: FLUSHING, NY 11355
- Country: USA
- EPA ID: NYP004330171
- Facility Status: Not reported
- Location Address 1: 43-35 MAIN ST
- Code: BP

CON EDISON SERVICE BOX: 49441 (Continued) **1016454609**

Location Address 2:	SB #49411
Total Tanks:	Not reported
Location City:	QUEENS
Location State:	NY
Location Zip:	11355
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004330171
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address 1:	4 IRVING PLACE 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2013
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	07/16/2013
Trans1 Recv Date:	07/16/2013
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	07/18/2013
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004330171
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002086319GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	50

CON EDISON SERVICE BOX: 49441 (Continued) **1016454609**

Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

H68 **CON EDISON** **NY MANIFEST** **S116292341**
ENE **43-23 MAIN ST** **N/A**
1/8-1/4 **QUEENS, NY 11435**
0.164 mi.
868 ft. **Site 12 of 13 in cluster H**

Relative: **Higher**

Actual: **28 ft.**

NY MANIFEST:

Name:	CON EDISON
Address:	43-23 MAIN ST
City,State,Zip:	QUEENS, NY 11435
Country:	USA
EPA ID:	NYP004434249
Facility Status:	Not reported
Location Address 1:	43-23 MAIN ST
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	QUEENS
Location State:	NY
Location Zip:	11435
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004434249
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISION
Mailing Address 1:	4 IRVING PL
Mailing Address 2:	15TH FL
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2014
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	02/05/2014
Trans1 Recv Date:	02/05/2014
Trans2 Recv Date:	Not reported

CON EDISON (Continued) **S116292341**

TSD Site Recv Date:	02/14/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004434249
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	012772622JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	100
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

J69 **MERIT OIL CORP** **NY UST** **1000263794**
ESE **56 MAIN ST** **RCRA NonGen / NLR** **NYD982185894**
1/8-1/4 **FLUSHING, NY 11355** **FINDS**
0.166 mi. **ECHO**
875 ft. **Site 2 of 4 in cluster J** **NY MANIFEST**

Relative: **Higher**
Actual: **54 ft.**

UST:

Name:	SPEEDWAY # 7818
Address:	56-01 MAIN STREET
City,State,Zip:	FLUSHING, NY 11355
Id/Status:	2-297593 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	599136.31796
UTM Y:	4511443.63226
Site Type:	Retail Gasoline Sales

MERIT OIL CORP (Continued) **1000263794**

Affiliation Records:

Site Id:	13750
Affiliation Type:	Emergency Contact
Company Name:	SPEEDWAY LLC
Contact Type:	Not reported
Contact Name:	BRANDIE LEHMAN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(937) 863-7071
EMail:	Not reported
Fax Number:	Not reported
Modified By:	IANEWSON
Date Last Modified:	2019-12-04

Site Id:	13750
Affiliation Type:	Facility Operator
Company Name:	SPEEDWAY # 7818
Contact Type:	Not reported
Contact Name:	BRANDIE LEHMAN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(585) 349-3056
EMail:	Not reported
Fax Number:	Not reported
Modified By:	IANEWSON
Date Last Modified:	2019-12-04

Site Id:	13750
Affiliation Type:	Mail Contact
Company Name:	SPEEDWAY LLC
Contact Type:	SUPERVISOR, ENVIRONMENTAL COMPLIANCE.
Contact Name:	BRANDIE LEHMAN
Address1:	500 SPEEDWAY DRIVE
Address2:	Not reported
City:	ENON
State:	OH
Zip Code:	45323
Country Code:	001
Phone:	(937) 863-7071
EMail:	USTCOMPLIANCE@SPEEDWAY.COM
Fax Number:	Not reported
Modified By:	JSMACRI
Date Last Modified:	2020-02-26

Site Id:	13750
Affiliation Type:	Facility Owner
Company Name:	SPEEDWAY LLC
Contact Type:	SUPERVISOR, ENVIRONMENTAL COMPLIANCE-ATLANTIC
Contact Name:	BRANDIE LEHMAN

MERIT OIL CORP (Continued) **1000263794**

Address1:	500 SPEEDWAY DR
Address2:	Not reported
City:	ENON
State:	OH
Zip Code:	45323
Country Code:	001
Phone:	(937) 863-7071
EMail:	USTCOMPLIANCE@SPEEDWAY.COM
Fax Number:	Not reported
Modified By:	KCKEMP
Date Last Modified:	2020-01-23

Tank Info:

Tank Number:	001
Tank ID:	15785
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	2000
Install Date:	06/01/1972
Date Tank Closed:	06/01/1994
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	01
Date Test:	09/01/1993
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
I01 - Overfill - Float Vent Valve
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
H99 - Tank Leak Detection - Other

Tank Number:	002
Tank ID:	15786
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	4000
Install Date:	06/01/1972
Date Tank Closed:	06/01/1994
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009

MERIT OIL CORP (Continued) **1000263794**

Common Name of Substance: Gasoline

Tightness Test Method: 01
Date Test: 09/01/1993
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

I01 - Overfill - Float Vent Valve
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
H99 - Tank Leak Detection - Other

Tank Number: 003
Tank ID: 15787
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 06/01/1972
Date Tank Closed: 06/01/1994
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: ZZ
Date Test: 03/01/1988
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
I01 - Overfill - Float Vent Valve
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
H99 - Tank Leak Detection - Other

Tank Number: 004
Tank ID: 15788
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000

MERIT OIL CORP (Continued) **1000263794**

Install Date:	06/01/1972
Date Tank Closed:	06/01/1994
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	ZZ
Date Test:	03/01/1988
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

I01 - Overfill - Float Vent Valve
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
H99 - Tank Leak Detection - Other

Tank Number:	005
Tank ID:	15789
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	2000
Install Date:	06/01/1972
Date Tank Closed:	06/01/1994
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	01
Date Test:	09/01/1993
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
I01 - Overfill - Float Vent Valve
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
H99 - Tank Leak Detection - Other

MERIT OIL CORP (Continued) **1000263794**

Tank Number:	006
Tank ID:	15790
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	4000
Install Date:	06/01/1972
Date Tank Closed:	06/01/1994
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	01
Date Test:	09/01/1993
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
I01 - Overfill - Float Vent Valve
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
H99 - Tank Leak Detection - Other

Tank Number:	007
Tank ID:	15791
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	06/01/1972
Date Tank Closed:	06/01/1994
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	9999
Common Name of Substance:	Other
Tightness Test Method:	01
Date Test:	09/01/1993
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
D00 - Pipe Type - No Piping
I01 - Overfill - Float Vent Valve
A00 - Tank Internal Protection - None
F00 - Pipe External Protection - None

MERIT OIL CORP (Continued) **1000263794**

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
J00 - Dispenser - None
H99 - Tank Leak Detection - Other

Tank Number:	008
Tank ID:	47976
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	2000
Install Date:	Not reported
Date Tank Closed:	06/01/1994
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
D00 - Pipe Type - No Piping
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
J00 - Dispenser - None

Tank Number:	014
Tank ID:	47982
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	07/01/1994
Date Tank Closed:	02/05/2007
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	9999
Common Name of Substance:	Other
Tightness Test Method:	20
Date Test:	08/01/1997
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	NRLOMBAR
Last Modified:	04/14/2017

MERIT OIL CORP (Continued) **1000263794**

Equipment Records:

K01 - Spill Prevention - Catch Basin
B04 - Tank External Protection - Fiberglass
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
D00 - Pipe Type - No Piping
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I01 - Overfill - Float Vent Valve
A00 - Tank Internal Protection - None
G04 - Tank Secondary Containment - Double-Walled (Underground)
C00 - Pipe Location - No Piping
E04 - Piping Secondary Containment - Double walled UG
F00 - Pipe External Protection - None

Tank Number:	1
Tank ID:	47977
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	4000
Install Date:	07/01/1994
Date Tank Closed:	01/03/2019
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	2712
Common Name of Substance:	Gasoline/Ethanol
Tightness Test Method:	20
Date Test:	08/01/1997
Next Test Date:	Not reported
Pipe Model:	D
Modified By:	LXZIELIN
Last Modified:	02/28/2019

Equipment Records:

K01 - Spill Prevention - Catch Basin
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
B04 - Tank External Protection - Fiberglass
F04 - Pipe External Protection - Fiberglass
C02 - Pipe Location - Underground/On-ground
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I03 - Overfill - Automatic Shut-Off
A00 - Tank Internal Protection - None
G04 - Tank Secondary Containment - Double-Walled (Underground)
J01 - Dispenser - Pressurized Dispenser
E04 - Piping Secondary Containment - Double walled UG

Tank Number:	2
Tank ID:	47978
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	4000
Install Date:	07/01/1994
Date Tank Closed:	01/03/2019

MERIT OIL CORP (Continued) **1000263794**

Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	2712
Common Name of Substance:	Gasoline/Ethanol
Tightness Test Method:	20
Date Test:	08/01/1997
Next Test Date:	Not reported
Pipe Model:	D
Modified By:	LXZIELIN
Last Modified:	02/28/2019

Equipment Records:

A00 - Tank Internal Protection - None
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
K01 - Spill Prevention - Catch Basin
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I03 - Overfill - Automatic Shut-Off
G04 - Tank Secondary Containment - Double-Walled (Underground)
E04 - Piping Secondary Containment - Double walled UG
J01 - Dispenser - Pressurized Dispenser

Tank Number:	3
Tank ID:	47979
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	4000
Install Date:	07/01/1994
Date Tank Closed:	01/03/2019
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	2712
Common Name of Substance:	Gasoline/Ethanol
Tightness Test Method:	20
Date Test:	08/01/1997
Next Test Date:	Not reported
Pipe Model:	D
Modified By:	LXZIELIN
Last Modified:	02/28/2019

Equipment Records:

K01 - Spill Prevention - Catch Basin
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
B04 - Tank External Protection - Fiberglass
F04 - Pipe External Protection - Fiberglass
C02 - Pipe Location - Underground/On-ground
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I03 - Overfill - Automatic Shut-Off
A00 - Tank Internal Protection - None

MERIT OIL CORP (Continued) **1000263794**

G04 - Tank Secondary Containment - Double-Walled (Underground)
J01 - Dispenser - Pressurized Dispenser
E04 - Piping Secondary Containment - Double walled UG

Tank Number:	4
Tank ID:	47980
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	4000
Install Date:	07/01/1994
Date Tank Closed:	01/03/2019
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	2712
Common Name of Substance:	Gasoline/Ethanol
Tightness Test Method:	20
Date Test:	08/01/1997
Next Test Date:	Not reported
Pipe Model:	D
Modified By:	LXZIELIN
Last Modified:	02/28/2019

Equipment Records:

K01 - Spill Prevention - Catch Basin
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I03 - Overfill - Automatic Shut-Off
A00 - Tank Internal Protection - None
G04 - Tank Secondary Containment - Double-Walled (Underground)
J01 - Dispenser - Pressurized Dispenser
E04 - Piping Secondary Containment - Double walled UG

Tank Number:	5
Tank ID:	47981
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	4000
Install Date:	07/01/1994
Date Tank Closed:	01/03/2019
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	2712
Common Name of Substance:	Gasoline/Ethanol
Tightness Test Method:	20
Date Test:	08/01/1997
Next Test Date:	Not reported
Pipe Model:	D
Modified By:	LXZIELIN

MERIT OIL CORP (Continued) **1000263794**

Last Modified: 02/28/2019

Equipment Records:

K01 - Spill Prevention - Catch Basin
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
B04 - Tank External Protection - Fiberglass
F04 - Pipe External Protection - Fiberglass
C02 - Pipe Location - Underground/On-ground
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I03 - Overfill - Automatic Shut-Off
A00 - Tank Internal Protection - None
G04 - Tank Secondary Containment - Double-Walled (Underground)
J01 - Dispenser - Pressurized Dispenser
E04 - Piping Secondary Containment - Double walled UG

RCRA NonGen / NLR:

Date form received by agency:	2007-01-01 00:00:00.0
Facility name:	MERIT OIL CORP
Facility address:	56 MAIN ST FLUSHING, NY 11355
EPA ID:	NYD982185894
Mailing address:	W LANCASTER AVE HAVERFORD, NY 19041
Contact:	Not reported
Contact address:	W LANCASTER AVE HAVERFORD, NY 19041
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	MERIT OIL CORP
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	212-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	MERIT OIL CORP
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	212-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private

MERIT OIL CORP (Continued) **1000263794**

Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2006-01-01 00:00:00.0
Site name: MERIT OIL CORP
Classification: Not a generator, verified

Date form received by agency: 1999-07-08 00:00:00.0
Site name: MERIT OIL CORP
Classification: Not a generator, verified

Date form received by agency: 1987-05-11 00:00:00.0
Site name: MERIT OIL CORP
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:
Registry ID: 110004416061

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000263794
Registry ID: 110004416061
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004416061
Name: MERIT OIL CORP
Address: 56 MAIN ST

MERIT OIL CORP (Continued) **1000263794**

City,State,Zip: FLUSHING, NY 11355

NY MANIFEST:

Name:	MERIT OIL OF NEW YORK INC
Address:	56 MAIN ST
City,State,Zip:	FLUSHING, NY 11355
Country:	USA
EPA ID:	NYD982185894
Facility Status:	Not reported
Location Address 1:	MERIT FLUSHING 56-01 MAIN ST
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	FLUSHING
Location State:	NY
Location Zip:	11355
Location Zip 4:	5045

NY MANIFEST:

EPAID:	NYD982185894
Mailing Name:	MERIT OIL OF NEW YORK INC
Mailing Contact:	Not reported
Mailing Address 1:	Not reported
Mailing Address 2:	Not reported
Mailing City:	Not reported
Mailing State:	Not reported
Mailing Zip:	Not reported
Mailing Zip 4:	Not reported
Mailing Country:	Not reported
Mailing Phone:	Not reported

K70 **131-05 & 131-15 FOWLER AVENUE** **NY ENG CONTROLS** **S121933759**
NW **131-11 FOWLER AVENUE** **NY INST CONTROL** **N/A**
1/8-1/4 **FLUSHING, NY 11355** **NY BROWNFIELDS**
0.168 mi.
885 ft. **Site 1 of 9 in cluster K**

Relative:
Lower

Actual:
16 ft.

ENG CONTROLS:

Name:	131-05 & 131-15 FOWLER AVENUE
Address:	131-11 FOWLER AVENUE
City,State,Zip:	FLUSHING, NY 11355
Site Code:	499029
HW Code:	Not reported
Control Code:	36
Control Type:	ENG
Date Record Added:	10/19/2018
Date Rec Updated:	01/15/2019
Updated By:	JXPEREZM
Site Description:	Location: This is located at 131-05 and 131-15 Fowler Avenue in the Flushing section of Queens, on Block 5076 Lot 31, one property east of the northeast corner of the intersection of 131 Street and Fowler Avenue in College Point, Queens, NY. Site Features: The site consists of approximately 0.5273 acres. The site is currently an active construction site and there are no site occupants. Current Zoning and Land Use: The site is in C2-6A districts which are commercial districts that are predominantly residential in character. The site is proposed for mixed-use residential and commercial. The site is

131-05 & 131-15 FOWLER AVENUE (Continued) **S121933759**

surrounded by recreational, residential and commercial properties. Current uses of adjoining properties include retail facilities to the north; a mixed use of commercial and residential buildings to the east; recreational facilities to the south; and a retail factory and metal working facility to the west. Past Use of the Site: The subject site was initially developed as early as the late 1800s and utilized as a residence through at least the 1930s. The site was improved with two connected single-story concrete block buildings with basements. The former buildings were constructed by the 1950s after which the site was occupied by Radio Filter which manufactured radio frequency interface filters from the building construction through the 1980s. In 2000, 131-15 Fowler Avenue was occupied by a dental laboratory. Around 2005, that building was also occupied by a sheet metal company, sportswear companies, and an electrical contractor. The buildings were occupied by furniture outlets (western building) and a sewing factory (eastern building) through December 2014. The western building was vacated in December 2014 and the eastern building in June 2015. Site Geology and Hydrogeology: The Site is underlain by fill material consisting of yellowish-brown to grey, coarse to fine sand with varying amounts of silt and gravel and occasional brick fragments extending to a depth of approximately 10 feet below existing grade. Beneath the existing fill materials, native soils consisting of yellowish-brown, coarse to fine sand with variable amounts of gravel, silt and clay were encountered to depths ranging between 65 to 70 feet below grade (bg). Beneath the sand, a natural massive clay stratum that generally consisted of brown clay with trace amounts of fines was encountered at a depth of approximately 95 feet below the existing grade. Bedrock was not encountered during the investigation, which extended to a maximum depth of approximately 102 feet below grade. Groundwater was encountered throughout the site at depths ranging between 18 feet bg and 20 feet bg. The Site topography is generally level. Surface water drainage is expected to flow into storm water drains located in the Site loading dock and adjacent street. The groundwater flow direction is generally toward the southeast.

Env Problem: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern at the site included metals, polychlorinated biphenyls (PCBs), semi-volatile organic compounds (SVOCs), and volatile organic compounds (VOCs)in soil and/or groundwater. Remedial actions have successfully achieved soil cleanup objectives for Unrestricted use. Remaining contamination in the groundwater is being treated and is anticipated to achieve groundwater remedial actions objectives (RAOs) within 5 years. Until groundwater performance monitoring results indicate RAOs have been achieved, the site will be managed by an Environmental Easement and Site Management Plan.

Health Problem: Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported

131-05 & 131-15 FOWLER AVENUE (Continued) **S121933759**

Dell:	Not reported
Record Add:	8/22/2014 3:00:00 PM
Record Upd:	12/3/2018 11:43:00 AM
Updated By:	JXPEREZM
Own Op:	4
Sub Type:	Not reported
Owner Name:	Thomas Wang
Owner Company:	131-05 Holding, LLC
Owner Address:	21 Howard Street, Suite #203
Owner Addr2:	Not reported
Owner City,St,Zip:	New York, NY 10013
Owner Country:	United States of America
Own Op:	1
Sub Type:	Not reported
Owner Name:	Thomas Wang
Owner Company:	131-05 Holding, LLC
Owner Address:	21 Howard Street, Suite #203
Owner Addr2:	Not reported
Owner City,St,Zip:	New York, NY 10013
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Donna Ciampa-Lauria
Owner Company:	Queens Public Library
Owner Address:	41-17 Main Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Flushing, NY 11355
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Philip Chong
Owner Company:	131-05 Holding LLC
Owner Address:	21 Howard Street, Suite #203
Owner Addr2:	Not reported
Owner City,St,Zip:	New York, NY 10013
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	NYSDEC - Region 2
Owner Address:	47-40 21st Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Long Island City, NY 11101
Owner Country:	United States of America
HW Code:	Not reported
Waste Type:	TRICHLOROETHENE (TCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	Not reported
Waste Type:	BENZO(B)FLUORANTHENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	Not reported
Waste Type:	TETRACHLOROETHYLENE (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	Not reported

131-05 & 131-15 FOWLER AVENUE (Continued) **S121933759**

Waste Type:	indeno(1,2,3-cd)pyrene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	Not reported
Waste Type:	PCB-AROCLOR 1254
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	Not reported
Waste Type:	BENZO(A)PYRENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	Not reported
Waste Type:	ARSENIC
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	Not reported
Waste Type:	PCB aroclor 1254
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	Not reported
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	Not reported
Waste Type:	BENZO(A)ANTHRACENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	Not reported
Waste Type:	LEAD
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	Not reported
Waste Type:	Chrysene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	Not reported
Waste Type:	BARIUM
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	Not reported
Waste Type:	cis-1,2-Dichloroethene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	Not reported
Waste Type:	1,1-DICHLOROETHANE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	Not reported
Waste Type:	DIBENZ[A,H]ANTHRACENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	Not reported
Waste Type:	COPPER
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	2

131-05 & 131-15 FOWLER AVENUE (Continued) **S121933759**

Cross Ref Type: HW Site ID
Record Added Date: 8/25/2014 2:35:00 PM
Record Updated: 8/25/2014 2:35:00 PM
Updated By: SRHEIGEL
Crossref ID: C241161-10-14
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 11/8/2018 12:03:00 PM
Record Updated: 11/8/2018 12:03:00 PM
Updated By: JXPEREZM
Crossref ID: Not reported
Cross Ref Type Code: 26
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 11/8/2018 12:04:00 PM
Record Updated: 11/8/2018 12:04:00 PM
Updated By: JXPEREZM
Crossref ID: Not reported
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 11/16/2018 2:10:00 PM
Record Updated: 11/16/2018 2:10:00 PM
Updated By: JXPEREZM

INST CONTROL:
Name: 131-05 & 131-15 FOWLER AVENUE
Address: 131-11 FOWLER AVENUE
City,State,Zip: FLUSHING, NY 11355
Site Code: 499029
Control Name: Landuse Restriction
HW Code: Not reported
Control Code: 25
Control Type: INST
Dt record added: 10/19/2018
Dt rec updated: 01/15/2019
Updated By: JXPEREZM
Site Code: 499029
Site Description: Location: This is located at 131-05 and 131-15 Fowler Avenue in the Flushing section of Queens, on Block 5076 Lot 31, one property east of the northeast corner of the intersection of 131 Street and Fowler Avenue in College Point, Queens, NY. Site Features: The site consists of approximately 0.5273 acres. The site is currently an active construction site and there are no site occupants. Current Zoning and Land Use: The site is in C2-6A districts which are commercial districts that are predominantly residential in character. The site is proposed for mixed-use residential and commercial. The site is surrounded by recreational, residential and commercial properties. Current uses of adjoining properties include retail facilities to the north; a mixed use of commercial and residential buildings to the east; recreational facilities to the south; and a retail factory and metal working facility to the west. Past Use of the Site: The subject site was initially developed as early as the late 1800s and utilized as a residence through at least the 1930s. The site was improved with two connected single-story concrete block buildings with basements. The former buildings were constructed by the 1950s after which the site was occupied by Radio Filter which manufactured radio frequency interface filters from the building construction through the 1980s. In 2000, 131-15 Fowler Avenue was occupied by a dental laboratory.

131-05 & 131-15 FOWLER AVENUE (Continued) **S121933759**

Around 2005, that building was also occupied by a sheet metal company, sportswear companies, and an electrical contractor. The buildings were occupied by furniture outlets (western building) and a sewing factory (eastern building) through December 2014. The western building was vacated in December 2014 and the eastern building in June 2015. Site Geology and Hydrogeology: The Site is underlain by fill material consisting of yellowish-brown to grey, coarse to fine sand with varying amounts of silt and gravel and occasional brick fragments extending to a depth of approximately 10 feet below existing grade. Beneath the existing fill materials, native soils consisting of yellowish-brown, coarse to fine sand with variable amounts of gravel, silt and clay were encountered to depths ranging between 65 to 70 feet below grade (bg). Beneath the sand, a natural massive clay stratum that generally consisted of brown clay with trace amounts of fines was encountered at a depth of approximately 95 feet below the existing grade. Bedrock was not encountered during the investigation, which extended to a maximum depth of approximately 102 feet below grade. Groundwater was encountered throughout the site at depths ranging between 18 feet bg and 20 feet bg. The Site topography is generally level. Surface water drainage is expected to flow into storm water drains located in the Site loading dock and adjacent street. The groundwater flow direction is generally toward the southeast.

Env Problem: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern at the site included metals, polychlorinated biphenyls (PCBs), semi-volatile organic compounds (SVOCs), and volatile organic compounds (VOCs)in soil and/or groundwater. Remedial actions have successfully achieved soil cleanup objectives for Unrestricted use. Remaining contamination in the groundwater is being treated and is anticipated to achieve groundwater remedial actions objectives (RAOs) within 5 years. Until groundwater performance monitoring results indicate RAOs have been achieved, the site will be managed by an Environmental Easement and Site Management Plan.

Health Problem: Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 8/22/2014 3:00:00 PM
Record Upd: 12/3/2018 11:43:00 AM
Updated By: JXPEREZM
Own Op: 4
Sub Type: Not reported
Owner Name: Thomas Wang
Owner Company: 131-05 Holding, LLC
Owner Address: 21 Howard Street, Suite #203
Owner Addr2: Not reported
Owner City,St,Zip: New York, NY 10013
Owner Country: United States of America

131-05 & 131-15 FOWLER AVENUE (Continued) **S121933759**

Own Op: 1
Sub Type: Not reported
Owner Name: Thomas Wang
Owner Company: 131-05 Holding, LLC
Owner Address: 21 Howard Street, Suite #203
Owner Addr2: Not reported
Owner City,St,Zip: New York, NY 10013
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Donna Ciampa-Lauria
Owner Company: Queens Public Library
Owner Address: 41-17 Main Street
Owner Addr2: Not reported
Owner City,St,Zip: Flushing, NY 11355
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Philip Chong
Owner Company: 131-05 Holding LLC
Owner Address: 21 Howard Street, Suite #203
Owner Addr2: Not reported
Owner City,St,Zip: New York, NY 10013
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: NYSDEC - Region 2
Owner Address: 47-40 21st Street
Owner Addr2: Not reported
Owner City,St,Zip: Long Island City, NY 11101
Owner Country: United States of America
HW Code: Not reported
Waste Type: TRICHLOROETHENE (TCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: BENZO(B)FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: indeno(1,2,3-cd)pyrene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: PCB-AROCLOR 1254
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported

131-05 & 131-15 FOWLER AVENUE (Continued) **S121933759**

Waste Type: ARSENIC
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: PCB aroclor 1254
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: BENZO(A)ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: LEAD
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: Chrysene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: BARIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: cis-1,2-Dichloroethene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: 1,1-DICHLOROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: DIBENZ[A,H]ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: COPPER
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: Not reported
Cross Ref Type Code: 2
Cross Ref Type: HW Site ID
Record Added Date: 8/25/2014 2:35:00 PM
Record Updated: 8/25/2014 2:35:00 PM
Updated By: SRHEIGEL
Crossref ID: C241161-10-14
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 11/8/2018 12:03:00 PM
Record Updated: 11/8/2018 12:03:00 PM
Updated By: JXPEREZM
Crossref ID: Not reported
Cross Ref Type Code: 26

131-05 & 131-15 FOWLER AVENUE (Continued) **S121933759**

Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 11/8/2018 12:04:00 PM
Record Updated: 11/8/2018 12:04:00 PM
Updated By: JXPEREZM
Crossref ID: Not reported
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 11/16/2018 2:10:00 PM
Record Updated: 11/16/2018 2:10:00 PM
Updated By: JXPEREZM

Name: 131-05 & 131-15 FOWLER AVENUE
Address: 131-11 FOWLER AVENUE
City,State,Zip: FLUSHING, NY 11355
Site Code: 499029
Control Name: Monitoring Plan
HW Code: Not reported
Control Code: 31
Control Type: INST
Dt record added: 10/19/2018
Dt rec updated: 01/15/2019
Updated By: JXPEREZM
Site Code: 499029
Site Description: Location: This is located at 131-05 and 131-15 Fowler Avenue in the Flushing section of Queens, on Block 5076 Lot 31, one property east of the northeast corner of the intersection of 131 Street and Fowler Avenue in College Point, Queens, NY. Site Features: The site consists of approximately 0.5273 acres. The site is currently an active construction site and there are no site occupants. Current Zoning and Land Use: The site is in C2-6A districts which are commercial districts that are predominantly residential in character. The site is proposed for mixed-use residential and commercial. The site is surrounded by recreational, residential and commercial properties. Current uses of adjoining properties include retail facilities to the north; a mixed use of commercial and residential buildings to the east; recreational facilities to the south; and a retail factory and metal working facility to the west. Past Use of the Site: The subject site was initially developed as early as the late 1800s and utilized as a residence through at least the 1930s. The site was improved with two connected single-story concrete block buildings with basements. The former buildings were constructed by the 1950s after which the site was occupied by Radio Filter which manufactured radio frequency interface filters from the building construction through the 1980s. In 2000, 131-15 Fowler Avenue was occupied by a dental laboratory. Around 2005, that building was also occupied by a sheet metal company, sportswear companies, and an electrical contractor. The buildings were occupied by furniture outlets (western building) and a sewing factory (eastern building) through December 2014. The western building was vacated in December 2014 and the eastern building in June 2015. Site Geology and Hydrogeology: The Site is underlain by fill material consisting of yellowish-brown to grey, coarse to fine sand with varying amounts of silt and gravel and occasional brick fragments extending to a depth of approximately 10 feet below existing grade. Beneath the existing fill materials, native soils consisting of yellowish-brown, coarse to fine sand with variable amounts of gravel, silt and clay were encountered to depths ranging between 65 to 70 feet below grade (bg). Beneath the sand, a natural

131-05 & 131-15 FOWLER AVENUE (Continued) **S121933759**

massive clay stratum that generally consisted of brown clay with trace amounts of fines was encountered at a depth of approximately 95 feet below the existing grade. Bedrock was not encountered during the investigation, which extended to a maximum depth of approximately 102 feet below grade. Groundwater was encountered throughout the site at depths ranging between 18 feet bg and 20 feet bg. The Site topography is generally level. Surface water drainage is expected to flow into storm water drains located in the Site loading dock and adjacent street. The groundwater flow direction is generally toward the southeast.

Env Problem: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern at the site included metals, polychlorinated biphenyls (PCBs), semi-volatile organic compounds (SVOCs), and volatile organic compounds (VOCs)in soil and/or groundwater. Remedial actions have successfully achieved soil cleanup objectives for Unrestricted use. Remaining contamination in the groundwater is being treated and is anticipated to achieve groundwater remedial actions objectives (RAOs) within 5 years. Until groundwater performance monitoring results indicate RAOs have been achieved, the site will be managed by an Environmental Easement and Site Management Plan.

Health Problem: Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 8/22/2014 3:00:00 PM
Record Upd: 12/3/2018 11:43:00 AM
Updated By: JXPEREZM
Own Op: 4
Sub Type: Not reported
Owner Name: Thomas Wang
Owner Company: 131-05 Holding, LLC
Owner Address: 21 Howard Street, Suite #203
Owner Addr2: Not reported
Owner City,St,Zip: New York, NY 10013
Owner Country: United States of America
Own Op: 1
Sub Type: Not reported
Owner Name: Thomas Wang
Owner Company: 131-05 Holding, LLC
Owner Address: 21 Howard Street, Suite #203
Owner Addr2: Not reported
Owner City,St,Zip: New York, NY 10013
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Donna Ciampa-Lauria
Owner Company: Queens Public Library
Owner Address: 41-17 Main Street

131-05 & 131-15 FOWLER AVENUE (Continued) **S121933759**

Owner Addr2: Not reported
Owner City,St,Zip: Flushing, NY 11355
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Philip Chong
Owner Company: 131-05 Holding LLC
Owner Address: 21 Howard Street, Suite #203
Owner Addr2: Not reported
Owner City,St,Zip: New York, NY 10013
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: NYSDEC - Region 2
Owner Address: 47-40 21st Street
Owner Addr2: Not reported
Owner City,St,Zip: Long Island City, NY 11101
Owner Country: United States of America
HW Code: Not reported
Waste Type: TRICHLOROETHENE (TCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: BENZO(B)FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: indeno(1,2,3-cd)pyrene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: PCB-AROCLOR 1254
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: ARSENIC
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: PCB aroclor 1254
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: BENZO(A)ANTHRACENE

131-05 & 131-15 FOWLER AVENUE (Continued) **S121933759**

Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: LEAD
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: Chrysene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: BARIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: cis-1,2-Dichloroethene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: 1,1-DICHLOROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: DIBENZ[A,H]ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: COPPER
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: Not reported
Cross Ref Type Code: 2
Cross Ref Type: HW Site ID
Record Added Date: 8/25/2014 2:35:00 PM
Record Updated: 8/25/2014 2:35:00 PM
Updated By: SRHEIGEL
Crossref ID: C241161-10-14
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 11/8/2018 12:03:00 PM
Record Updated: 11/8/2018 12:03:00 PM
Updated By: JXPEREZM
Crossref ID: Not reported
Cross Ref Type Code: 26
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 11/8/2018 12:04:00 PM
Record Updated: 11/8/2018 12:04:00 PM
Updated By: JXPEREZM
Crossref ID: Not reported
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 11/16/2018 2:10:00 PM
Record Updated: 11/16/2018 2:10:00 PM
Updated By: JXPEREZM

Name: 131-05 & 131-15 FOWLER AVENUE
Address: 131-11 FOWLER AVENUE

131-05 & 131-15 FOWLER AVENUE (Continued) **S121933759**

City,State,Zip: FLUSHING, NY 11355
Site Code: 499029
Control Name: Ground Water Use Restriction
HW Code: Not reported
Control Code: 8
Control Type: INST
Dt record added: 10/19/2018
Dt rec updated: 01/15/2019
Updated By: JXPEREZM
Site Code: 499029
Site Description: Location: This is located at 131-05 and 131-15 Fowler Avenue in the Flushing section of Queens, on Block 5076 Lot 31, one property east of the northeast corner of the intersection of 131 Street and Fowler Avenue in College Point, Queens, NY. Site Features: The site consists of approximately 0.5273 acres. The site is currently an active construction site and there are no site occupants. Current Zoning and Land Use: The site is in C2-6A districts which are commercial districts that are predominantly residential in character. The site is proposed for mixed-use residential and commercial. The site is surrounded by recreational, residential and commercial properties. Current uses of adjoining properties include retail facilities to the north; a mixed use of commercial and residential buildings to the east; recreational facilities to the south; and a retail factory and metal working facility to the west. Past Use of the Site: The subject site was initially developed as early as the late 1800s and utilized as a residence through at least the 1930s. The site was improved with two connected single-story concrete block buildings with basements. The former buildings were constructed by the 1950s after which the site was occupied by Radio Filter which manufactured radio frequency interface filters from the building construction through the 1980s. In 2000, 131-15 Fowler Avenue was occupied by a dental laboratory. Around 2005, that building was also occupied by a sheet metal company, sportswear companies, and an electrical contractor. The buildings were occupied by furniture outlets (western building) and a sewing factory (eastern building) through December 2014. The western building was vacated in December 2014 and the eastern building in June 2015. Site Geology and Hydrogeology: The Site is underlain by fill material consisting of yellowish-brown to grey, coarse to fine sand with varying amounts of silt and gravel and occasional brick fragments extending to a depth of approximately 10 feet below existing grade. Beneath the existing fill materials, native soils consisting of yellowish-brown, coarse to fine sand with variable amounts of gravel, silt and clay were encountered to depths ranging between 65 to 70 feet below grade (bg). Beneath the sand, a natural massive clay stratum that generally consisted of brown clay with trace amounts of fines was encountered at a depth of approximately 95 feet below the existing grade. Bedrock was not encountered during the investigation, which extended to a maximum depth of approximately 102 feet below grade. Groundwater was encountered throughout the site at depths ranging between 18 feet bg and 20 feet bg. The Site topography is generally level. Surface water drainage is expected to flow into storm water drains located in the Site loading dock and adjacent street. The groundwater flow direction is generally toward the southeast.
Env Problem: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern at the site included metals, polychlorinated biphenyls (PCBs), semi-volatile organic compounds

131-05 & 131-15 FOWLER AVENUE (Continued) **S121933759**

(SVOCs), and volatile organic compounds (VOCs)in soil and/or groundwater. Remedial actions have successfully achieved soil cleanup objectives for Unrestricted use. Remaining contamination in the groundwater is being treated and is anticipated to achieve groundwater remedial actions objectives (RAOs) within 5 years. Until groundwater performance monitoring results indicate RAOs have been achieved, the site will be managed by an Environmental Easement and Site Management Plan.

Health Problem: Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site.
Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 8/22/2014 3:00:00 PM
Record Upd: 12/3/2018 11:43:00 AM
Updated By: JXPEREZM
Own Op: 4
Sub Type: Not reported
Owner Name: Thomas Wang
Owner Company: 131-05 Holding, LLC
Owner Address: 21 Howard Street, Suite #203
Owner Addr2: Not reported
Owner City,St,Zip: New York, NY 10013
Owner Country: United States of America
Own Op: 1
Sub Type: Not reported
Owner Name: Thomas Wang
Owner Company: 131-05 Holding, LLC
Owner Address: 21 Howard Street, Suite #203
Owner Addr2: Not reported
Owner City,St,Zip: New York, NY 10013
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Donna Ciampa-Lauria
Owner Company: Queens Public Library
Owner Address: 41-17 Main Street
Owner Addr2: Not reported
Owner City,St,Zip: Flushing, NY 11355
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Philip Chong
Owner Company: 131-05 Holding LLC
Owner Address: 21 Howard Street, Suite #203
Owner Addr2: Not reported
Owner City,St,Zip: New York, NY 10013
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN

131-05 & 131-15 FOWLER AVENUE (Continued) **S121933759**

Owner Name: Not reported
Owner Company: NYSDEC - Region 2
Owner Address: 47-40 21st Street
Owner Addr2: Not reported
Owner City,St,Zip: Long Island City, NY 11101
Owner Country: United States of America
HW Code: Not reported
Waste Type: TRICHLOROETHENE (TCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: BENZO(B)FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: indeno(1,2,3-cd)pyrene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: PCB-AROCLOR 1254
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: ARSENIC
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: PCB aroclor 1254
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: BENZO(A)ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: LEAD
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: Chrysene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: BARIUM
Waste Quantity: UNKNOWN

131-05 & 131-15 FOWLER AVENUE (Continued) **S121933759**

Waste Code: Not reported
HW Code: Not reported
Waste Type: cis-1,2-Dichloroethene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: 1,1-DICHLOROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: DIBENZ[A,H]ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: COPPER
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: Not reported
Cross Ref Type Code: 2
Cross Ref Type: HW Site ID
Record Added Date: 8/25/2014 2:35:00 PM
Record Updated: 8/25/2014 2:35:00 PM
Updated By: SRHEIGEL
Crossref ID: C241161-10-14
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 11/8/2018 12:03:00 PM
Record Updated: 11/8/2018 12:03:00 PM
Updated By: JXPEREZM
Crossref ID: Not reported
Cross Ref Type Code: 26
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 11/8/2018 12:04:00 PM
Record Updated: 11/8/2018 12:04:00 PM
Updated By: JXPEREZM
Crossref ID: Not reported
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 11/16/2018 2:10:00 PM
Record Updated: 11/16/2018 2:10:00 PM
Updated By: JXPEREZM

Name: 131-05 & 131-15 FOWLER AVENUE
Address: 131-11 FOWLER AVENUE
City,State,Zip: FLUSHING, NY 11355
Site Code: 499029
Control Name: Site Management Plan
HW Code: Not reported
Control Code: 32
Control Type: INST
Dt record added: 10/19/2018
Dt rec updated: 01/15/2019
Updated By: JXPEREZM
Site Code: 499029
Site Description: Location: This is located at 131-05 and 131-15 Fowler Avenue in the Flushing section of Queens, on Block 5076 Lot 31, one property east of the northeast corner of the intersection of 131 Street and Fowler

131-05 & 131-15 FOWLER AVENUE (Continued) **S121933759**

Avenue in College Point, Queens, NY. Site Features: The site consists of approximately 0.5273 acres. The site is currently an active construction site and there are no site occupants. Current Zoning and Land Use: The site is in C2-6A districts which are commercial districts that are predominantly residential in character. The site is proposed for mixed-use residential and commercial. The site is surrounded by recreational, residential and commercial properties. Current uses of adjoining properties include retail facilities to the north; a mixed use of commercial and residential buildings to the east; recreational facilities to the south; and a retail factory and metal working facility to the west. Past Use of the Site: The subject site was initially developed as early as the late 1800s and utilized as a residence through at least the 1930s. The site was improved with two connected single-story concrete block buildings with basements. The former buildings were constructed by the 1950s after which the site was occupied by Radio Filter which manufactured radio frequency interface filters from the building construction through the 1980s. In 2000, 131-15 Fowler Avenue was occupied by a dental laboratory. Around 2005, that building was also occupied by a sheet metal company, sportswear companies, and an electrical contractor. The buildings were occupied by furniture outlets (western building) and a sewing factory (eastern building) through December 2014. The western building was vacated in December 2014 and the eastern building in June 2015. Site Geology and Hydrogeology: The Site is underlain by fill material consisting of yellowish-brown to grey, coarse to fine sand with varying amounts of silt and gravel and occasional brick fragments extending to a depth of approximately 10 feet below existing grade. Beneath the existing fill materials, native soils consisting of yellowish-brown, coarse to fine sand with variable amounts of gravel, silt and clay were encountered to depths ranging between 65 to 70 feet below grade (bg). Beneath the sand, a natural massive clay stratum that generally consisted of brown clay with trace amounts of fines was encountered at a depth of approximately 95 feet below the existing grade. Bedrock was not encountered during the investigation, which extended to a maximum depth of approximately 102 feet below grade. Groundwater was encountered throughout the site at depths ranging between 18 feet bg and 20 feet bg. The Site topography is generally level. Surface water drainage is expected to flow into storm water drains located in the Site loading dock and adjacent street. The groundwater flow direction is generally toward the southeast.

Env Problem: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern at the site included metals, polychlorinated biphenyls (PCBs), semi-volatile organic compounds (SVOCs), and volatile organic compounds (VOCs)in soil and/or groundwater. Remedial actions have successfully achieved soil cleanup objectives for Unrestricted use. Remaining contamination in the groundwater is being treated and is anticipated to achieve groundwater remedial actions objectives (RAOs) within 5 years. Until groundwater performance monitoring results indicate RAOs have been achieved, the site will be managed by an Environmental Easement and Site Management Plan.

Health Problem: Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site.

Dump: False

Structure: False

131-05 & 131-15 FOWLER AVENUE (Continued) **S121933759**

Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 8/22/2014 3:00:00 PM
Record Upd: 12/3/2018 11:43:00 AM
Updated By: JXPEREZM
Own Op: 4
Sub Type: Not reported
Owner Name: Thomas Wang
Owner Company: 131-05 Holding, LLC
Owner Address: 21 Howard Street, Suite #203
Owner Addr2: Not reported
Owner City,St,Zip: New York, NY 10013
Owner Country: United States of America
Own Op: 1
Sub Type: Not reported
Owner Name: Thomas Wang
Owner Company: 131-05 Holding, LLC
Owner Address: 21 Howard Street, Suite #203
Owner Addr2: Not reported
Owner City,St,Zip: New York, NY 10013
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Donna Ciampa-Lauria
Owner Company: Queens Public Library
Owner Address: 41-17 Main Street
Owner Addr2: Not reported
Owner City,St,Zip: Flushing, NY 11355
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Philip Chong
Owner Company: 131-05 Holding LLC
Owner Address: 21 Howard Street, Suite #203
Owner Addr2: Not reported
Owner City,St,Zip: New York, NY 10013
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: NYSDEC - Region 2
Owner Address: 47-40 21st Street
Owner Addr2: Not reported
Owner City,St,Zip: Long Island City, NY 11101
Owner Country: United States of America
HW Code: Not reported
Waste Type: TRICHLOROETHENE (TCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: BENZO(B)FLUORANTHENE
Waste Quantity: UNKNOWN

131-05 & 131-15 FOWLER AVENUE (Continued) **S121933759**

Waste Code: Not reported
HW Code: Not reported
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: indeno(1,2,3-cd)pyrene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: PCB-AROCLOR 1254
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: ARSENIC
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: PCB aroclor 1254
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: BENZO(A)ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: LEAD
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: Chrysene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: BARIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: cis-1,2-Dichloroethene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: 1,1-DICHLOROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: DIBENZ[A,H]ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported

131-05 & 131-15 FOWLER AVENUE (Continued) **S121933759**

HW Code: Not reported
Waste Type: COPPER
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: Not reported
Cross Ref Type Code: 2
Cross Ref Type: HW Site ID
Record Added Date: 8/25/2014 2:35:00 PM
Record Updated: 8/25/2014 2:35:00 PM
Updated By: SRHEIGEL
Crossref ID: C241161-10-14
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 11/8/2018 12:03:00 PM
Record Updated: 11/8/2018 12:03:00 PM
Updated By: JXPEREZM
Crossref ID: Not reported
Cross Ref Type Code: 26
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 11/8/2018 12:04:00 PM
Record Updated: 11/8/2018 12:04:00 PM
Updated By: JXPEREZM
Crossref ID: Not reported
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 11/16/2018 2:10:00 PM
Record Updated: 11/16/2018 2:10:00 PM
Updated By: JXPEREZM

Name: 131-05 & 131-15 FOWLER AVENUE
Address: 131-11 FOWLER AVENUE
City,State,Zip: FLUSHING, NY 11355
Site Code: 499029
Control Name: Environmental Easement
HW Code: Not reported
Control Code: Not reported
Control Type: INST
Dt record added: 10/19/2018
Dt rec updated: 01/15/2019
Updated By: JXPEREZM
Site Code: 499029
Site Description: Location: This is located at 131-05 and 131-15 Fowler Avenue in the Flushing section of Queens, on Block 5076 Lot 31, one property east of the northeast corner of the intersection of 131 Street and Fowler Avenue in College Point, Queens, NY. Site Features: The site consists of approximately 0.5273 acres. The site is currently an active construction site and there are no site occupants. Current Zoning and Land Use: The site is in C2-6A districts which are commercial districts that are predominantly residential in character. The site is proposed for mixed-use residential and commercial. The site is surrounded by recreational, residential and commercial properties. Current uses of adjoining properties include retail facilities to the north; a mixed use of commercial and residential buildings to the east; recreational facilities to the south; and a retail factory and metal working facility to the west. Past Use of the Site: The subject site was initially developed as early as the late 1800s and utilized as a residence through at least the 1930s. The site was improved with

131-05 & 131-15 FOWLER AVENUE (Continued) **S121933759**

two connected single-story concrete block buildings with basements. The former buildings were constructed by the 1950s after which the site was occupied by Radio Filter which manufactured radio frequency interface filters from the building construction through the 1980s. In 2000, 131-15 Fowler Avenue was occupied by a dental laboratory. Around 2005, that building was also occupied by a sheet metal company, sportswear companies, and an electrical contractor. The buildings were occupied by furniture outlets (western building) and a sewing factory (eastern building) through December 2014. The western building was vacated in December 2014 and the eastern building in June 2015. Site Geology and Hydrogeology: The Site is underlain by fill material consisting of yellowish-brown to grey, coarse to fine sand with varying amounts of silt and gravel and occasional brick fragments extending to a depth of approximately 10 feet below existing grade. Beneath the existing fill materials, native soils consisting of yellowish-brown, coarse to fine sand with variable amounts of gravel, silt and clay were encountered to depths ranging between 65 to 70 feet below grade (bg). Beneath the sand, a natural massive clay stratum that generally consisted of brown clay with trace amounts of fines was encountered at a depth of approximately 95 feet below the existing grade. Bedrock was not encountered during the investigation, which extended to a maximum depth of approximately 102 feet below grade. Groundwater was encountered throughout the site at depths ranging between 18 feet bg and 20 feet bg. The Site topography is generally level. Surface water drainage is expected to flow into storm water drains located in the Site loading dock and adjacent street. The groundwater flow direction is generally toward the southeast.

Env Problem: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern at the site included metals, polychlorinated biphenyls (PCBs), semi-volatile organic compounds (SVOCs), and volatile organic compounds (VOCs)in soil and/or groundwater. Remedial actions have successfully achieved soil cleanup objectives for Unrestricted use. Remaining contamination in the groundwater is being treated and is anticipated to achieve groundwater remedial actions objectives (RAOs) within 5 years. Until groundwater performance monitoring results indicate RAOs have been achieved, the site will be managed by an Environmental Easement and Site Management Plan.

Health Problem: Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 8/22/2014 3:00:00 PM
Record Upd: 12/3/2018 11:43:00 AM
Updated By: JXPEREZM
Own Op: 4
Sub Type: Not reported
Owner Name: Thomas Wang

131-05 & 131-15 FOWLER AVENUE (Continued) **S121933759**

Owner Company: 131-05 Holding, LLC
Owner Address: 21 Howard Street, Suite #203
Owner Addr2: Not reported
Owner City,St,Zip: New York, NY 10013
Owner Country: United States of America
Own Op: 1
Sub Type: Not reported
Owner Name: Thomas Wang
Owner Company: 131-05 Holding, LLC
Owner Address: 21 Howard Street, Suite #203
Owner Addr2: Not reported
Owner City,St,Zip: New York, NY 10013
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Donna Ciampa-Lauria
Owner Company: Queens Public Library
Owner Address: 41-17 Main Street
Owner Addr2: Not reported
Owner City,St,Zip: Flushing, NY 11355
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Philip Chong
Owner Company: 131-05 Holding LLC
Owner Address: 21 Howard Street, Suite #203
Owner Addr2: Not reported
Owner City,St,Zip: New York, NY 10013
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: NYSDEC - Region 2
Owner Address: 47-40 21st Street
Owner Addr2: Not reported
Owner City,St,Zip: Long Island City, NY 11101
Owner Country: United States of America
HW Code: Not reported
Waste Type: TRICHLOROETHENE (TCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: BENZO(B)FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: indeno(1,2,3-cd)pyrene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: PCB-AROCLOR 1254
Waste Quantity: UNKNOWN
Waste Code: Not reported

131-05 & 131-15 FOWLER AVENUE (Continued) **S121933759**

HW Code: Not reported
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: ARSENIC
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: PCB aroclor 1254
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: BENZO(A)ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: LEAD
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: Chrysene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: BARIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: cis-1,2-Dichloroethene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: 1,1-DICHLOROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: DIBENZ[A,H]ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: COPPER
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: Not reported
Cross Ref Type Code: 2
Cross Ref Type: HW Site ID
Record Added Date: 8/25/2014 2:35:00 PM
Record Updated: 8/25/2014 2:35:00 PM
Updated By: SRHEIGEL
Crossref ID: C241161-10-14
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number

131-05 & 131-15 FOWLER AVENUE (Continued) **S121933759**

Record Added Date: 11/8/2018 12:03:00 PM
Record Updated: 11/8/2018 12:03:00 PM
Updated By: JXPEREZM
Crossref ID: Not reported
Cross Ref Type Code: 26
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 11/8/2018 12:04:00 PM
Record Updated: 11/8/2018 12:04:00 PM
Updated By: JXPEREZM
Crossref ID: Not reported
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 11/16/2018 2:10:00 PM
Record Updated: 11/16/2018 2:10:00 PM
Updated By: JXPEREZM

Name: 131-05 & 131-15 FOWLER AVENUE
Address: 131-11 FOWLER AVENUE
City,State,Zip: FLUSHING, NY 11355
Site Code: 499029
Control Name: IC/EC Plan
HW Code: Not reported
Control Code: 34
Control Type: INST
Dt record added: 10/19/2018
Dt rec updated: 01/15/2019
Updated By: JXPEREZM
Site Code: 499029
Site Description: Location: This is located at 131-05 and 131-15 Fowler Avenue in the Flushing section of Queens, on Block 5076 Lot 31, one property east of the northeast corner of the intersection of 131 Street and Fowler Avenue in College Point, Queens, NY. Site Features: The site consists of approximately 0.5273 acres. The site is currently an active construction site and there are no site occupants. Current Zoning and Land Use: The site is in C2-6A districts which are commercial districts that are predominantly residential in character. The site is proposed for mixed-use residential and commercial. The site is surrounded by recreational, residential and commercial properties. Current uses of adjoining properties include retail facilities to the north; a mixed use of commercial and residential buildings to the east; recreational facilities to the south; and a retail factory and metal working facility to the west. Past Use of the Site: The subject site was initially developed as early as the late 1800s and utilized as a residence through at least the 1930s. The site was improved with two connected single-story concrete block buildings with basements. The former buildings were constructed by the 1950s after which the site was occupied by Radio Filter which manufactured radio frequency interface filters from the building construction through the 1980s. In 2000, 131-15 Fowler Avenue was occupied by a dental laboratory. Around 2005, that building was also occupied by a sheet metal company, sportswear companies, and an electrical contractor. The buildings were occupied by furniture outlets (western building) and a sewing factory (eastern building) through December 2014. The western building was vacated in December 2014 and the eastern building in June 2015. Site Geology and Hydrogeology: The Site is underlain by fill material consisting of yellowish-brown to grey, coarse to fine sand with varying amounts of silt and gravel and occasional brick

131-05 & 131-15 FOWLER AVENUE (Continued) **S121933759**

fragments extending to a depth of approximately 10 feet below existing grade. Beneath the existing fill materials, native soils consisting of yellowish-brown, coarse to fine sand with variable amounts of gravel, silt and clay were encountered to depths ranging between 65 to 70 feet below grade (bg). Beneath the sand, a natural massive clay stratum that generally consisted of brown clay with trace amounts of fines was encountered at a depth of approximately 95 feet below the existing grade. Bedrock was not encountered during the investigation, which extended to a maximum depth of approximately 102 feet below grade. Groundwater was encountered throughout the site at depths ranging between 18 feet bg and 20 feet bg. The Site topography is generally level. Surface water drainage is expected to flow into storm water drains located in the Site loading dock and adjacent street. The groundwater flow direction is generally toward the southeast.

Env Problem: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern at the site included metals, polychlorinated biphenyls (PCBs), semi-volatile organic compounds (SVOCs), and volatile organic compounds (VOCs)in soil and/or groundwater. Remedial actions have successfully achieved soil cleanup objectives for Unrestricted use. Remaining contamination in the groundwater is being treated and is anticipated to achieve groundwater remedial actions objectives (RAOs) within 5 years. Until groundwater performance monitoring results indicate RAOs have been achieved, the site will be managed by an Environmental Easement and Site Management Plan.

Health Problem: Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 8/22/2014 3:00:00 PM
Record Upd: 12/3/2018 11:43:00 AM
Updated By: JXPEREZM
Own Op: 4
Sub Type: Not reported
Owner Name: Thomas Wang
Owner Company: 131-05 Holding, LLC
Owner Address: 21 Howard Street, Suite #203
Owner Addr2: Not reported
Owner City,St,Zip: New York, NY 10013
Owner Country: United States of America
Own Op: 1
Sub Type: Not reported
Owner Name: Thomas Wang
Owner Company: 131-05 Holding, LLC
Owner Address: 21 Howard Street, Suite #203
Owner Addr2: Not reported
Owner City,St,Zip: New York, NY 10013
Owner Country: United States of America

131-05 & 131-15 FOWLER AVENUE (Continued) **S121933759**

Own Op: Document Repository
Sub Type: NNN
Owner Name: Donna Ciampa-Lauria
Owner Company: Queens Public Library
Owner Address: 41-17 Main Street
Owner Addr2: Not reported
Owner City,St,Zip: Flushing, NY 11355
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Philip Chong
Owner Company: 131-05 Holding LLC
Owner Address: 21 Howard Street, Suite #203
Owner Addr2: Not reported
Owner City,St,Zip: New York, NY 10013
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: NYSDEC - Region 2
Owner Address: 47-40 21st Street
Owner Addr2: Not reported
Owner City,St,Zip: Long Island City, NY 11101
Owner Country: United States of America
HW Code: Not reported
Waste Type: TRICHLOROETHENE (TCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: BENZO(B)FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: indeno(1,2,3-cd)pyrene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: PCB-AROCLOR 1254
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: ARSENIC
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: PCB aroclor 1254
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported

131-05 & 131-15 FOWLER AVENUE (Continued) **S121933759**

Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: BENZO(A)ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: LEAD
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: Chrysene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: BARIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: cis-1,2-Dichloroethene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: 1,1-DICHLOROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: DIBENZ[A,H]ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: COPPER
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: Not reported
Cross Ref Type Code: 2
Cross Ref Type: HW Site ID
Record Added Date: 8/25/2014 2:35:00 PM
Record Updated: 8/25/2014 2:35:00 PM
Updated By: SRHEIGEL
Crossref ID: C241161-10-14
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 11/8/2018 12:03:00 PM
Record Updated: 11/8/2018 12:03:00 PM
Updated By: JXPEREZM
Crossref ID: Not reported
Cross Ref Type Code: 26
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 11/8/2018 12:04:00 PM
Record Updated: 11/8/2018 12:04:00 PM
Updated By: JXPEREZM
Crossref ID: Not reported
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 11/16/2018 2:10:00 PM

131-05 & 131-15 FOWLER AVENUE (Continued) **S121933759**

Record Updated: 11/16/2018 2:10:00 PM
Updated By: JXPEREZM

BROWNFIELDS:

Name:	131-05 & 131-15 FOWLER AVENUE
Address:	131-11 FOWLER AVENUE
City,State,Zip:	FLUSHING, NY 11355
Program:	BCP
Site Code:	499029
Acres:	0.527
HW Code:	C241161
SWIS:	4101
Town:	New York City
Record Added Date:	08/22/2014
Record Updated Date:	01/21/2020
Update By:	JCGRATHW
Site Description:	Location: This is located at 131-05 and 131-15 Fowler Avenue in the Flushing section of Queens, on Block 5076 Lot 31, one property east of the northeast corner of the intersection of 131 Street and Fowler Avenue in College Point, Queens, NY. Site Features: The site consists of approximately 0.5273 acres. The site is currently an active construction site and there are no site occupants. Current Zoning and Land Use: The site is in C2-6A districts which are commercial districts that are predominantly residential in character. The site is proposed for mixed-use residential and commercial. The site is surrounded by recreational, residential and commercial properties. Current uses of adjoining properties include retail facilities to the north; a mixed use of commercial and residential buildings to the east; recreational facilities to the south; and a retail factory and metal working facility to the west. Past Use of the Site: The subject site was initially developed as early as the late 1800s and utilized as a residence through at least the 1930s. The site was improved with two connected single-story concrete block buildings with basements. The former buildings were constructed by the 1950s after which the site was occupied by Radio Filter which manufactured radio frequency interface filters from the building construction through the 1980s. In 2000, 131-15 Fowler Avenue was occupied by a dental laboratory. Around 2005, that building was also occupied by a sheet metal company, sportswear companies, and an electrical contractor. The buildings were occupied by furniture outlets (western building) and a sewing factory (eastern building) through December 2014. The western building was vacated in December 2014 and the eastern building in June 2015. Site Geology and Hydrogeology: The Site is underlain by fill material consisting of yellowish-brown to grey, coarse to fine sand with varying amounts of silt and gravel and occasional brick fragments extending to a depth of approximately 10 feet below existing grade. Beneath the existing fill materials, native soils consisting of yellowish-brown, coarse to fine sand with variable amounts of gravel, silt and clay were encountered to depths ranging between 65 to 70 feet below grade (bg). Beneath the sand, a natural massive clay stratum that generally consisted of brown clay with trace amounts of fines was encountered at a depth of approximately 95 feet below the existing grade. Bedrock was not encountered during the investigation, which extended to a maximum depth of approximately 102 feet below grade. Groundwater was encountered throughout the site at depths ranging between 18 feet bg and 20 feet bg. The Site topography is generally level. Surface water drainage is expected to flow into

131-05 & 131-15 FOWLER AVENUE (Continued) **S121933759**

	storm water drains located in the Site loading dock and adjacent street. The groundwater flow direction is generally toward the southeast.
Env Problem:	Remediation at the site is complete. Prior to remediation, the primary contaminants of concern at the site included metals, polychlorinated biphenyls (PCBs), semi-volatile organic compounds (SVOCs), and volatile organic compounds (VOCs)in soil and/or groundwater. Remedial actions have successfully achieved soil cleanup objectives for Unrestricted use. Remaining contamination in the groundwater is being treated and is anticipated to achieve groundwater remedial actions objectives (RAOs) within 5 years. Until groundwater performance monitoring results indicate RAOs have been achieved, the site will be managed by an Environmental Easement and Site Management Plan.
Health Problem:	Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site.
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	8/22/2014 3:00:00 PM
Record Upd:	12/3/2018 11:43:00 AM
Updated By:	JXPEREZM
Own Op:	4
Sub Type:	Not reported
Owner Name:	Thomas Wang
Owner Company:	131-05 Holding, LLC
Owner Address:	21 Howard Street, Suite #203
Owner Addr2:	Not reported
Owner City,St,Zip:	New York, NY 10013
Owner Country:	United States of America
Own Op:	1
Sub Type:	Not reported
Owner Name:	Thomas Wang
Owner Company:	131-05 Holding, LLC
Owner Address:	21 Howard Street, Suite #203
Owner Addr2:	Not reported
Owner City,St,Zip:	New York, NY 10013
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Donna Ciampa-Lauria
Owner Company:	Queens Public Library
Owner Address:	41-17 Main Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Flushing, NY 11355
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Philip Chong
Owner Company:	131-05 Holding LLC

131-05 & 131-15 FOWLER AVENUE (Continued) **S121933759**

Owner Address:	21 Howard Street, Suite #203
Owner Addr2:	Not reported
Owner City,St,Zip:	New York, NY 10013
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	NYSDEC - Region 2
Owner Address:	47-40 21st Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Long Island City, NY 11101
Owner Country:	United States of America
HW Code:	Not reported
Waste Type:	TRICHLOROETHENE (TCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	Not reported
Waste Type:	BENZO(B)FLUORANTHENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	Not reported
Waste Type:	TETRACHLOROETHYLENE (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	Not reported
Waste Type:	indeno(1,2,3-cd)pyrene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	Not reported
Waste Type:	PCB-AROCLOR 1254
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	Not reported
Waste Type:	BENZO(A)PYRENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	Not reported
Waste Type:	ARSENIC
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	Not reported
Waste Type:	PCB aroclor 1254
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	Not reported
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	Not reported
Waste Type:	BENZO(A)ANTHRACENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	Not reported
Waste Type:	LEAD
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	Not reported

131-05 & 131-15 FOWLER AVENUE (Continued) **S121933759**

Waste Type:	Chrysene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	Not reported
Waste Type:	BARIUM
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	Not reported
Waste Type:	cis-1,2-Dichloroethene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	Not reported
Waste Type:	1,1-DICHLOROETHANE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	Not reported
Waste Type:	DIBENZ[A,H]ANTHRACENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	Not reported
Waste Type:	COPPER
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	2
Cross Ref Type:	HW Site ID
Record Added Date:	8/25/2014 2:35:00 PM
Record Updated:	8/25/2014 2:35:00 PM
Updated By:	SRHEIGEL
Crossref ID:	C241161-10-14
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	11/8/2018 12:03:00 PM
Record Updated:	11/8/2018 12:03:00 PM
Updated By:	JXPEREZM
Crossref ID:	Not reported
Cross Ref Type Code:	26
Cross Ref Type:	Agreement/Consent Order Date
Record Added Date:	11/8/2018 12:04:00 PM
Record Updated:	11/8/2018 12:04:00 PM
Updated By:	JXPEREZM
Crossref ID:	Not reported
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	11/16/2018 2:10:00 PM
Record Updated:	11/16/2018 2:10:00 PM
Updated By:	JXPEREZM

H71 **CON EDISON SERVICE BOX: 4183** **RCRA NonGen / NLR** **1016961447**
ENE **43-45A MAIN ST FRONT OF** **NY MANIFEST** **NYP004341475**
1/8-1/4 **FLUSHING, NY 11355**
0.168 mi.
888 ft. **Site 13 of 13 in cluster H**

Relative:
Higher

Actual:
21 ft.

RCRA NonGen / NLR:

Date form received by agency:	2013-09-05 00:00:00.0
Facility name:	CON EDISON SERVICE BOX: 4183
Facility address:	43-45A MAIN ST FRONT OF FLUSHING, NY 11355
EPA ID:	NYP004341475
Mailing address:	IRVING PL, RM 828 NEW YORK, NY 10003
Contact:	JOHN KOLNSBERG
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	718-321-4786
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	2013-08-05 00:00:00.0
Site name:	CON EDISON SERVICE BOX: 4183
Classification:	Conditionally Exempt Small Quantity Generator
Violation Status:	No violations found

NY MANIFEST:

Name:	CON EDISON
Address:	43-45A MAIN ST FRONT OF
City,State,Zip:	FLUSHING, NY 11355
Country:	USA
EPA ID:	NYP004341475
Facility Status:	Not reported
Location Address 1:	43-45A MAIN ST
Code:	BP
Location Address 2:	SB 4183
Total Tanks:	Not reported

CON EDISON SERVICE BOX: 4183 (Continued) **1016961447**

Location City:	QUEENS
Location State:	NY
Location Zip:	11355
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004341475
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address 1:	4 IRVING PL 15TH FL
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2013
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	08/05/2013
Trans1 Recv Date:	08/05/2013
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	08/08/2013
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004341475
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002219293GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	75
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1

CON EDISON SERVICE BOX: 4183 (Continued) **1016961447**

Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

L72 **CON EDISON** **NJ MANIFEST** **S120673759**
NE **SAUL ST & BLOSSOM AVE** **N/A**
1/8-1/4 **FLUSHING, NY 11355**
0.168 mi.
888 ft. **Site 1 of 5 in cluster L**

Relative:
Higher

Actual:
26 ft.

NJ MANIFEST:

EPA Id:	NYP004805362
Mail Address:	IRVING PLACE, 15TH FL NE
Mail City/State/Zip:	NEW YORK, NY 10003
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	THERESA BURKARD
Comments:	Not reported
SIC Code:	Not reported
County:	NY081
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	014469482JJK
EPA ID:	NYP004805362
Date Shipped:	7/10/2015
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJ0000027193
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported

CON EDISON (Continued) **S120673759**

Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	NEW YORK, NY 10003
Reason Load Was Rejected:	Not reported

L73 **CON EDISON SERVICE BOX: 40900** **RCRA NonGen / NLR** **1016454702**
NE **SAULL ST & BLOSSOM AVE** **FINDS** **NYP004331963**
1/8-1/4 **FLUSHING, NY 11355** **ECHO**
0.168 mi. **NY MANIFEST**
888 ft. **Site 2 of 5 in cluster L**

Relative:
Higher

Actual:
26 ft.

RCRA NonGen / NLR:

Date form received by agency:	2013-08-19 00:00:00.0
Facility name:	CON EDISON SERVICE BOX: 40900
Facility address:	SAULL ST & BLOSSOM AVE FLUSHING, NY 11355
EPA ID:	NYP004331963
Mailing address:	VING PL, 15TH FL NE NEW YORK, NY 10003
Contact:	THOMAS TEELING
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	212-460-3770
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No

CON EDISON SERVICE BOX: 40900 (Continued) **1016454702**

Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2013-07-19 00:00:00.0
Site name: CON EDISON SERVICE BOX: 40900
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

FINDS:
Registry ID: 110056500344

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1016454702
Registry ID: 110056500344
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110056500344
Name: CON EDISON SERVICE BOX: 40900
Address: SAULL ST & BLOSSOM AVE
City,State,Zip: FLUSHING, NY 11355

NY MANIFEST:
Name: CON EDISON
Address: SAULL ST & BLOSSOM AVE
City,State,Zip: FLUSHING, NY 11355
Country: USA
EPA ID: NYP004331963
Facility Status: Not reported
Location Address 1: SAULL ST & BLOSSOM AVE
Code: BP
Location Address 2: SB #40905
Total Tanks: Not reported
Location City: QUEENS
Location State: NY
Location Zip: 11355
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004331963
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PLACE 15TH FLOOR
Mailing Address 2: Not reported

CON EDISON SERVICE BOX: 40900 (Continued) **1016454702**

Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2013
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	07/19/2013
Trans1 Recv Date:	07/19/2013
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	07/19/2013
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004331963
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002085877GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	50
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

L74 **CON EDISON** **NJ MANIFEST** **S120673758**
NE **SAUL ST & BLOSSOM AVE** **N/A**
1/8-1/4 **FLUSHING, NY 11355**
0.168 mi.
888 ft. **Site 3 of 5 in cluster L**

Relative:
Higher

Actual:
26 ft.

NJ MANIFEST:

EPA Id:	NYP004805354
Mail Address:	IRVING PLACE, 15TH FL NE
Mail City/State/Zip:	NEW YORK, NY 10003
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	THERESA BURKARD
Comments:	Not reported
SIC Code:	Not reported
County:	NY081
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	014469481JJK
EPA ID:	NYP004805354
Date Shipped:	7/10/2015
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJ0000027193
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported

CON EDISON (Continued) **S120673758**

Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	NEW YORK, NY 10003
Reason Load Was Rejected:	Not reported

L75 **CON EDISON** **NY MANIFEST** **S118257731**
NE **SAUL ST & BLOSSOM AVE** **N/A**
1/8-1/4 **FLUSHING, NY 11355**
0.168 mi.
888 ft. **Site 4 of 5 in cluster L**

Relative:
Higher

Actual:
26 ft.

NY MANIFEST:

Name:	CON EDISON
Address:	SAUL ST & BLOSSOM AVE
City,State,Zip:	FLUSHING, NY 11355
Country:	USA
EPA ID:	NYP004805362
Facility Status:	Not reported
Location Address 1:	SAUL ST & BLOSSOM AVE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	FLUSHING
Location State:	NY
Location Zip:	11355
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004805362
Mailing Name:	CON EDISON
Mailing Contact:	DENNIS HUACON
Mailing Address 1:	4 IRVING PL 15TH FL
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2015
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	07/10/2015
Trans1 Recv Date:	07/10/2015
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	07/10/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004805362
Trans1 EPA ID:	Not reported

CON EDISON (Continued) **S118257731**

Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	014469481JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	2500
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

L76 **CON EDISON** **NY MANIFEST** **S118257730**
NE **SAUL ST & BLOSSOM AVE** **N/A**
1/8-1/4 **FLUSHING, NY 11355**
0.168 mi.
888 ft. **Site 5 of 5 in cluster L**

Relative: NY MANIFEST:
Higher

Name:	CON EDISON
Address:	SAUL ST & BLOSSOM AVE
City,State,Zip:	FLUSHING, NY 11355
Country:	USA
EPA ID:	NYP004805354
Facility Status:	Not reported
Location Address 1:	SAUL ST & BLOSSOM AVE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	FLUSHING
Location State:	NY
Location Zip:	11355
Location Zip 4:	Not reported

Actual:
26 ft.

NY MANIFEST:

CON EDISON (Continued) **S118257730**

EPAID:	NYP004805354
Mailing Name:	CON EDISON
Mailing Contact:	DENNIS HUACON
Mailing Address 1:	4 IRVING PL 15TH FL
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2015
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	07/10/2015
Trans1 Recv Date:	07/10/2015
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	07/10/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004805354
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	014469482JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	2500
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported

CON EDISON (Continued) **S118257730**

Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

M77 **CON EDISON - MANHOLE 15584** **RCRA-LQG** **1016961040**
North **44-27 COLLEGE POINT BL.** **NY MANIFEST** **NYP004334702**
1/8-1/4 **FLUSHING, NY 11355**
0.169 mi.
891 ft. **Site 1 of 5 in cluster M**

Relative: **Higher**
Actual: **35 ft.**

RCRA-LQG:
Date form received by agency: 2014-03-27 00:00:00.0
Facility name: CON EDISON - MANHOLE 15584
Facility address: 44-27 COLLEGE POINT BL.
FLUSHING, NY 11355
EPA ID: NYP004334702
Mailing address: IRVING PLACE, 15TH FL NE
NEW YORK, NY 10003
Contact: DENNIS HUACON
Contact address: IRVING PLACE, 15TH FL NE
NEW YORK, NY 10003
Contact country: US
Contact telephone: 212-460-2757
Contact email: HUACOND@CONED.COM
EPA Region: 02
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:
Owner/operator name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner/operator address: IRVING PLACE
NEW YORK, NY 10003
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 2013-07-24 00:00:00.
Owner/Op end date: Not reported

Owner/operator name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner/operator address: IRVING PLACE
NEW YORK, NY 10003

CON EDISON - MANHOLE 15584 (Continued) **1016961040**

Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 2013-07-24 00:00:00.
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2013-08-24 00:00:00.0
Site name: CON EDISON MANHOLE: 15584
Classification: Not a generator, verified

Date form received by agency: 2013-07-24 00:00:00.0
Site name: CON EDISON MANHOLE: 15584
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:

. Waste code: D008
. Waste name: LEAD

Violation Status: No violations found

NY MANIFEST:
Name: CON EDISON
Address: 44-27 COLLEGE POINT BL FRONT O
City,State,Zip: FLUSHING, NY 11355
Country: USA
EPA ID: NYP004334702
Facility Status: Not reported
Location Address 1: 44-27 COLLEGE POINT BL.
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: FLUSHING
Location State: NY

CON EDISON - MANHOLE 15584 (Continued) **1016961040**

Location Zip:	11355
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004334702
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address 1:	4 IRVING PLACE 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2013
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	07/24/2013
Trans1 Recv Date:	07/24/2013
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	07/24/2013
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004334702
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002084318GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	1000
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.

CON EDISON - MANHOLE 15584 (Continued) **1016961040**

Specific Gravity:	1
Waste Code:	D009
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

78
South
1/8-1/4
0.174 mi.
920 ft.

COLLEGE PT BLVD @ 57TH AV
COLLEGE PT BLVD @ 57TH AV
FLUSHING, NY

NY LTANKS **S100142691**
N/A

Relative:
Higher

Actual:
25 ft.

LTANKS:

Name:	COLLEGE PT BLVD @ 57TH AV
Address:	COLLEGE PT BLVD @ 57TH AV
City,State,Zip:	FLUSHING, NY
Spill Number/Closed Date:	8900716 / 1989-04-24
Facility ID:	8900716
Site ID:	163876
Spill Date:	1989-04-21
Spill Cause:	Tank Failure
Spill Source:	Tank Truck
Spill Class:	Not reported
Cleanup Ceased:	1989-04-24
SWIS:	4101
Investigator:	FINGER
Referred To:	Not reported
Reported to Dept:	1989-04-24
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1989-04-25
Spill Record Last Update:	2004-01-14
Spiller Name:	Not reported
Spiller Company:	JANIY & SONS
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	138207
DEC Memo:	""
Remarks:	"SOLUTION : 85% WATER, 3%-6% TETRA SODIUM EDTA, 1%-2% ALKALINE METASIL-IATE. SPILL RECOVERED BY MARINE POLLUTION CONTROL. FD & PD BLOCK-ED DRAINS. DEP(P WONG) ON SCENE. CALLED DEP TO CONFIRM CLEANUP"

All Materials:

Site ID:	163876
Operable Unit ID:	926953

COLLEGE PT BLVD @ 57TH AV (Continued) **S100142691**

Operable Unit:	01
Material ID:	567920
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	400.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

K79 **131-05 FOWLER AVENUE** **NY SHWS** **S121933825**
NW **131-05 FOWLER AVENUE** **N/A**
1/8-1/4 **FLUSHING, NY 11355**
0.177 mi.
936 ft. **Site 2 of 9 in cluster K**

Relative:
Lower

Actual:
16 ft.

SHWS:

Name:	131-05 FOWLER AVENUE
Address:	131-05 FOWLER AVENUE
City,State,Zip:	FLUSHING, NY 11355
Program:	HW
Site Code:	491949
Classification:	Not reported
Region:	2
Acres:	0.52800000000000002
HW Code:	241161
Record Add:	02/24/2014
Record Upd:	02/23/2018
Updated By:	JEBROWN
Site Description:	This site has transitioned to the Brownfield Cleanup Program as site C241161). please refer to that site number for accurate information. Location: This is a potential hazardous waste site located at 131-05 Fowler Avenue in the Flushing section of Queens, on Block 5076 Lot 31. Not reported
Env Problem:	This site has transitioned to the Brownfield Cleanup Program as site C241161). please refer to that site number for accurate information.
Health Problem:	As information for this site becomes available, it will be reviewed by the NYSDOH to determine if site contamination presents public health exposure concerns.
Dump:	Not reported
Structure:	Not reported
Lagoon:	Not reported
Landfill:	Not reported
Pond:	Not reported
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	Not reported
Record Upd:	Not reported
Updated By:	Not reported
Own Op:	4
Sub Type:	E
Owner Name:	Not reported
Owner Company:	Furniture Outlet
Owner Address:	131-05 Fowler Avenue

131-05 FOWLER AVENUE (Continued) **S121933825**

Owner Addr2:	Not reported
Owner City,St,Zip:	Flushing, NY 11355
Owner Country:	United States of America
Own Op:	1
Sub Type:	A
Owner Name:	Not reported
Owner Company:	Donn Milton
Owner Address:	1745 Brookside Lane
Owner Addr2:	Not reported
Owner City,St,Zip:	Vienna, VA
Owner Country:	United States of America
Own Op:	1
Sub Type:	A
Owner Name:	Not reported
Owner Company:	Ilo Milton
Owner Address:	5 Winterbottom Lane
Owner Addr2:	Not reported
Owner City,St,Zip:	Pound Ridge, NY 10576
Owner Country:	United States of America
Own Op:	4
Sub Type:	E
Owner Name:	Not reported
Owner Company:	QT Productions
Owner Address:	131-15 Fowler Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Flushing, NY 11355
Owner Country:	United States of America
Own Op:	1
Sub Type:	A
Owner Name:	Not reported
Owner Company:	Rand P. Milton
Owner Address:	526 Turnbull Place
Owner Addr2:	Not reported
Owner City,St,Zip:	Bridgewater, NJ
Owner Country:	United States of America
Own Op:	1
Sub Type:	A
Owner Name:	Not reported
Owner Company:	Cindy Stern
Owner Address:	155 West 68th Street, Apt. 1826
Owner Addr2:	Not reported
Owner City,St,Zip:	New York, NY
Owner Country:	United States of America
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

K80 **131-05 FOWLER AVE** **NY UST** **U000399591**
NW **131-05 FOWLER AVENUE** **NY E DESIGNATION** **N/A**
1/8-1/4 **FLUSHING, NY 11355**
0.177 mi.
936 ft. **Site 3 of 9 in cluster K**

Relative:
Lower

Actual:
16 ft.

UST:

Name:	131-05 FOWLER AVE
Address:	131-05 FOWLER AVENUE
City,State,Zip:	FLUSHING, NY 11355
Id/Status:	2-202894 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	598312.27945
UTM Y:	4511820.33097
Site Type:	Apartment Building/Office Building

Affiliation Records:

Site Id:	6973
Affiliation Type:	Facility Operator
Company Name:	131-05 FOWLER AVE
Contact Type:	Not reported
Contact Name:	W&L CONSTRUCTION
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 939-4989
EMail:	Not reported
Fax Number:	Not reported
Modified By:	ACDANIEL
Date Last Modified:	2016-11-22

Site Id:	6973
Affiliation Type:	Emergency Contact
Company Name:	131-05 HOLDING LLC
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	Not reported
EMail:	Not reported
Fax Number:	Not reported
Modified By:	ACDANIEL
Date Last Modified:	2016-11-22

Site Id:	6973
Affiliation Type:	Facility Owner
Company Name:	131-05 HOLDING LLC
Contact Type:	MGMT MEMBER
Contact Name:	CHRISTPHOER DAI
Address1:	21 HOWARD ST., SUITE NO. 203

131-05 FOWLER AVE (Continued) **U000399591**

Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10013
Country Code:	001
Phone:	(646) 613-0622
EMail:	Not reported
Fax Number:	Not reported
Modified By:	ACDANIEL
Date Last Modified:	2016-11-22

Site Id:	6973
Affiliation Type:	Mail Contact
Company Name:	131-05 HOLDING LLC
Contact Type:	Not reported
Contact Name:	PHILIP CHONG
Address1:	21 HOWARD ST., SUITE NO. 203
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10013
Country Code:	001
Phone:	(646) 613-0622
EMail:	PHILIP@HCREAL.COM
Fax Number:	Not reported
Modified By:	ACDANIEL
Date Last Modified:	2016-11-22

Tank Info:

Tank Number:	001
Tank ID:	12486
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	3000
Install Date:	07/01/1953
Date Tank Closed:	05/31/2017
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Tightness Test Method:	21
Date Test:	04/02/2012
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	LXZIELIN
Last Modified:	08/16/2017

Equipment Records:

A01 - Tank Internal Protection - Epoxy Liner
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
L09 - Piping Leak Detection - Exempt Suction Piping
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

131-05 FOWLER AVE (Continued) **U000399591**

D01 - Pipe Type - Steel/Carbon Steel/Iron
K00 - Spill Prevention - None
I04 - Overfill - Product Level Gauge (A/G)
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

E DESIGNATION:

Name:	LOT 31,TAXBLOCK 5076
Address:	131-05 FOWLER AVENUE
City,State,Zip:	QUEENS, NY
Tax Lot(s):	31
Tax Block:	5076
Borough Code:	Not reported
E-No:	E-290
Effective Date:	3/13/2013
Satisfaction Date:	Not reported
Ceqr Number:	07DCP050Q
Ulurp Number:	070352ZMQ
Zoning Map No:	10b
Description:	Air Quality - HVAC fuel limited to natural gas
Lot Remediation Date:	Not reported
Description:	Exhaust stack location limitations
Lot Remediation Date:	Not reported
Description:	Window Wall Attenuation & Alternate Ventilation
Lot Remediation Date:	Not reported
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol
Lot Remediation Date:	Not reported

K81 **131-05 FOWLER AVE** **NY AST** **A100429455**
NW **131-05 FOWLER AVENUE** **N/A**
1/8-1/4 **FLUSHING, NY 11355**
0.177 mi.
936 ft. **Site 4 of 9 in cluster K**

Relative: **Lower**
Actual: **16 ft.**

AST:

Name:	131-05 FOWLER AVE
Address:	131-05 FOWLER AVENUE
City,State,Zip:	FLUSHING, NY 11355
Region:	STATE
DEC Region:	2
Site Status:	Unregulated/Closed
Facility Id:	2-202894
Program Type:	PBS
UTM X:	598312.27945
UTM Y:	4511820.33097
Expiration Date:	N/A
Site Type:	Apartment Building/Office Building

Affiliation Records:

Site Id:	6973
Affiliation Type:	Facility Operator
Company Name:	131-05 FOWLER AVE
Contact Type:	Not reported

131-05 FOWLER AVE (Continued) **A100429455**

Contact Name:	W&L CONSTRUCTION
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 939-4989
EMail:	Not reported
Fax Number:	Not reported
Modified By:	ACDANIEL
Date Last Modified:	2016-11-22

Site Id:	6973
Affiliation Type:	Emergency Contact
Company Name:	131-05 HOLDING LLC
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	Not reported
EMail:	Not reported
Fax Number:	Not reported
Modified By:	ACDANIEL
Date Last Modified:	2016-11-22

Site Id:	6973
Affiliation Type:	Facility Owner
Company Name:	131-05 HOLDING LLC
Contact Type:	MGMT MEMBER
Contact Name:	CHRISTPHOER DAI
Address1:	21 HOWARD ST., SUITE NO. 203
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10013
Country Code:	001
Phone:	(646) 613-0622
EMail:	Not reported
Fax Number:	Not reported
Modified By:	ACDANIEL
Date Last Modified:	2016-11-22

Site Id:	6973
Affiliation Type:	Mail Contact
Company Name:	131-05 HOLDING LLC
Contact Type:	Not reported
Contact Name:	PHILIP CHONG
Address1:	21 HOWARD ST., SUITE NO. 203
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10013

131-05 FOWLER AVE (Continued) **A100429455**

Country Code:	001
Phone:	(646) 613-0622
EMail:	PHILIP@HCREAL.COM
Fax Number:	Not reported
Modified By:	ACDANIEL
Date Last Modified:	2016-11-22

Tank Info:

Tank Number:	002
Tank Id:	264879

Equipment Records:

	B01 - Tank External Protection - Painted/Asphalt Coating
Tank Location:	Aboveground - contact with impervious barrier... Tank bottom rests on impervious barrier, allowing visual indication of leaks.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	1200
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	09/09/2016
Register:	True
Modified By:	ACDANIEL
Last Modified:	04/14/2017
Material Name:	biodiesel (heating, on-site consumption)

M82 **MAPLE CREST GRFEENHOUSES** **NY AST** **U003393803**
NNW **44-20 COLLEGE POINT BOULEVARD** **N/A**
1/8-1/4 **FLUSHING, NY 11355**
0.180 mi.
950 ft. **Site 2 of 5 in cluster M**

Relative:
Higher

Actual:
30 ft.

AST:

Name:	MAPLE CREST GRFEENHOUSES
Address:	44-20 COLLEGE POINT BOULEVARD
City,State,Zip:	FLUSHING, NY 11355
Region:	STATE
DEC Region:	2
Site Status:	Inactive
Facility Id:	2-345032
Program Type:	PBS
UTM X:	598532.23307
UTM Y:	4512006.08387
Expiration Date:	N/A
Site Type:	Unknown

Affiliation Records:

Site Id:	16812
Affiliation Type:	Facility Owner
Company Name:	SZACHACZ, STANLEY
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	44-12 COLLEGE POINT BOULEVARD
Address2:	Not reported

MAPLE CREST GRFEENHOUSES (Continued) **U003393803**

City:	FLUSHING
State:	NY
Zip Code:	11355
Country Code:	001
Phone:	(718) 463-6998
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	16812
Affiliation Type:	Mail Contact
Company Name:	SZACHACZ, STANLEY
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	44-12 COLLEGE POINT BOULEVARD
Address2:	Not reported
City:	FLUSHING
State:	NY
Zip Code:	11355
Country Code:	001
Phone:	(718) 463-6998
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	16812
Affiliation Type:	Facility Operator
Company Name:	MAPLE CREST GRFEENHOUSES
Contact Type:	Not reported
Contact Name:	SZACHACZ, STANLEY
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 359-5283
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	16812
Affiliation Type:	Emergency Contact
Company Name:	SZACHACZ, STANLEY
Contact Type:	Not reported
Contact Name:	SIGNAL SUNSHINE FUELD OIL CORP
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 359-1500
EMail:	Not reported

MAPLE CREST GRFEENHOUSES (Continued) **U003393803**

Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	001
Tank Id:	32737
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
I04 - Overfill - Product Level Gauge (A/G)
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Tank Location:	Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Tank Converted to Non-Regulated Use
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	5000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	01/01/1996
Register:	True
Modified By:	TRANSLAT
Last Modified:	04/14/2017
Material Name:	#2 fuel oil (on-site consumption)

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83 **DIAMOND POINT EXCAVATING CORP** **RCRA NonGen / NLR** **1004762333**
SSE **134-32 57TH AVE** **FINDS** **NYR000095877**
1/8-1/4 **FLUSHING, NY 11355** **ECHO**
0.180 mi.
951 ft.

Relative:
Higher

Actual:
57 ft.

RCRA NonGen / NLR:

Date form received by agency:	2007-01-01 00:00:00.0
Facility name:	DIAMOND POINT EXCAVATING CORP
Facility address:	134-32 57TH AVE FLUSHING, NY 11355
EPA ID:	NYR000095877
Mailing address:	57TH AVE FLUSHING, NY 11355
Contact:	ANTHONY CROZOLLI
Contact address:	57TH AVE FLUSHING, NY 11355
Contact country:	US
Contact telephone:	718-478-2043
Contact email:	Not reported

DIAMOND POINT EXCAVATING CORP (Continued) **1004762333**

EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: DIAMOND POINT EXCAVATING CORP
Owner/operator address: 134-32 57TH AVE
FLUSHING, NY 11355
Owner/operator country: US
Owner/operator telephone: 718-478-2043
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 2001-01-01 00:00:00.
Owner/Op end date: Not reported

Owner/operator name: DIAMOND POINT EXCAVATING CORP
Owner/operator address: 134-32 57TH AVE
FLUSHING, NY 11355
Owner/operator country: US
Owner/operator telephone: 718-478-2043
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 2001-01-01 00:00:00.
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2006-01-01 00:00:00.0
Site name: DIAMOND POINT EXCAVATING CORP
Classification: Not a generator, verified

Date form received by agency: 2001-04-05 00:00:00.0
Site name: DIAMOND POINT EXCAVATING CORP
Classification: Not a generator, verified

DIAMOND POINT EXCAVATING CORP (Continued) **1004762333**

Violation Status: No violations found

FINDS:
Registry ID: 110004568156

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1004762333
Registry ID:	110004568156
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110004568156
Name:	DIAMOND POINT EXCAVATING CORP
Address:	134-32 57TH AVE
City,State,Zip:	FLUSHING, NY 11355

J84 **HESS/MERIT 56-01 MAIN ST.** **NY LTANKS** **S103560563**
ESE **56-01 MAIN STREET** **NY Spills** **N/A**
1/8-1/4 **FLUSHING, NY**
0.182 mi.
962 ft. **Site 3 of 4 in cluster J**

Relative: **Higher**
Actual: **51 ft.**

LTANKS:

Name:	56-01 MAIN STREET
Address:	56-01 MAIN STREET
City,State,Zip:	FLUSHING, NY
Spill Number/Closed Date:	9307005 / 1994-06-02
Facility ID:	9307005
Site ID:	166134
Spill Date:	1993-09-08
Spill Cause:	Tank Test Failure
Spill Source:	Gasoline Station or other PBS Facility
Spill Class:	B3
Cleanup Ceased:	1994-06-02
SWIS:	4101
Investigator:	O'DOWD
Referred To:	Not reported
Reported to Dept:	1993-09-08
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1993-09-13
Spill Record Last Update:	1994-06-02
Spiller Name:	Not reported

HESS/MERIT 56-01 MAIN ST. (Continued) **S103560563**

Spiller Company:	MERIT GAS STA.
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	139996
DEC Memo:	""
Remarks:	"4 TANKS TESTED - ALL FAILED - 2 4T TANKS MANIFOLDED (UNLEADED) - 4K + 2K MANIFOLDED (PREMIUN) UNK WHAT WILL BE DONE."

All TTF:

Facility ID:	9307005
Spill Number:	9307005
Spill Tank Test:	1541972
Site ID:	166134
Tank Number:	Not reported
Tank Size:	0
Material:	0009
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	166134
Operable Unit ID:	988116
Operable Unit:	01
Material ID:	393288
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Not reported
Recovered:	.00
Oxygenate:	Not reported

SPILLS:

Name:	HESS/MERIT 56-01 MAIN ST.
Address:	56-01 MAIN STREET
City,State,Zip:	FLUSHING, NY
Spill Number/Closed Date:	9404836 / 2004-01-08
Facility ID:	9404836
Facility Type:	ER
DER Facility ID:	139996
Site ID:	166135
DEC Region:	2
Spill Cause:	Other

HESS/MERIT 56-01 MAIN ST. (Continued) **S103560563**

Spill Class:	C3
SWIS:	4101
Spill Date:	1994-07-08
Investigator:	WXSUN
Referred To:	Not reported
Reported to Dept:	1994-07-08
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1994-10-05
Spill Record Last Update:	2004-01-30
Spiller Name:	Not reported
Spiller Company:	HESS/MERIT OIL CO
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was SUN 10/10/95: This is additional information about material spilled from the translation of the old spill file: CONTAM. SOIL. 12/10/2003 Reassigned from Sangesland to Sun. 1/5/2004-Sun-File Review by Sun: Update Repor-May 2003 through August 2003, by EnviroTrac: During this reporting period, five (5) monitoring wells were gauged and sampled on August 15, 2003. No liquid-phase hydrocarbons (LPH) was encounterd. Oxygen released compound (ORC) socks were installed in MW-2 and MW-3 on November 25, 2003. The ORC socks were replaced on July 29, 2003 and will be replaced tri-annually. The depth to water table ranged from 33.54 ft. to 38.68 ft. below casing. The flow direction is toward northheast. MW-3 is the hotest spot with BTEX of 63.3 ppb, including ND for Benzene, 2.3 ppb Toluene, 33 ppb Ethylbenze, 28 Xylene. MW-2 has highest MTBE (8 ppb). 1/8/2004-Sun-File Review by Sun:Based on the sampling data taken on 12/19/2003, it showed that the concentrations of Benzene, Toluene, Ethylbenze, Xylenes, and MTBE in all of the monitoring wells (MW-1 through MW-5) were below groundwater standards. Therefore, this spill is closed. "
Remarks:	"GROUND WATER ENVIRONMENTAL SERVICES WILL PROVIDE REMEDIATION."

All Materials:

Site ID:	166135
Operable Unit ID:	1001916
Operable Unit:	01
Material ID:	381431
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	L
Recovered:	.00
Oxygenate:	Not reported

J85 **SPEEDWAY 7818** **RCRA-VSQG** **1019909598**
ESE **5601 MAIN ST** **FINDS** **NYR000229690**
1/8-1/4 **FLUSHING, NY 11355** **ECHO**
0.182 mi.
962 ft. **Site 4 of 4 in cluster J**

Relative:
Higher

Actual:
51 ft.

RCRA-VSQG:

Date form received by agency:	2016-09-21 00:00:00.0
Facility name:	SPEEDWAY 7818
Facility address:	5601 MAIN ST FLUSHING, NY 11355-5045
EPA ID:	NYR000229690
Mailing address:	PO BOX 1500 SPRINGFIELD, OH 45501-1500
Contact:	CHARLES A BESSE
Contact address:	PO BOX 1500 SPRINGFIELD, OH 45501-1500
Contact country:	US
Contact telephone:	937-863-6272
Contact email:	CABESSE@SPEEDWAY.COM
EPA Region:	02
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	SPEEDWAY LLC
Owner/operator address:	PO BOX 1500 SPRINGFIELD, OH 45501
Owner/operator country:	US
Owner/operator telephone:	937-864-3000
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	2014-10-01 00:00:00.
Owner/Op end date:	Not reported

Owner/operator name:	SPEEDWAY LLC
Owner/operator address:	Not reported Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported

SPEEDWAY 7818 (Continued) **1019909598**

Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 2014-10-01 00:00:00.
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Hazardous Waste Summary:

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D018
. Waste name: BENZENE

Violation Status: No violations found

FINDS:
Registry ID: 110070122134

Click Here:

Environmental Interest/Information System:
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Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1019909598
Registry ID: 110070122134
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110070122134
Name: SPEEDWAY 7818
Address: 5601 MAIN ST
City,State,Zip: FLUSHING, NY 11355

I86 **GARDEN PLAZA MGMT** **NY UST** **U003127973**
ENE **136-04 CHERRY AVE** **N/A**
1/8-1/4 **FLUSHING, NY 11355**
0.186 mi.
981 ft. **Site 2 of 4 in cluster I**

Relative:
Higher

Actual:
39 ft.

UST:

Name:	GARDEN PLAZA MGMT
Address:	136-04 CHERRY AVE
City,State,Zip:	FLUSHING, NY 11355
Id/Status:	2-333859 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	01/24/2022
UTM X:	599044.44610
UTM Y:	4511944.91604
Site Type:	Apartment Building/Office Building

Affiliation Records:

Site Id:	15857
Affiliation Type:	Mail Contact
Company Name:	PINNACLR MGMT
Contact Type:	Not reported
Contact Name:	MEIR BOUSKILA
Address1:	1 PENN PLAZA
Address2:	SUITE 4000
City:	NEW YORK
State:	NY
Zip Code:	10119
Country Code:	001
Phone:	(212) 564-2111
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MFLEONAR
Date Last Modified:	2017-10-31

Site Id:	15857
Affiliation Type:	Facility Operator
Company Name:	GARDEN PLAZA MGMT
Contact Type:	Not reported
Contact Name:	MERVIN KOLENOVIC
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(646) 872-5123
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MFLEONAR
Date Last Modified:	2017-10-31

Site Id:	15857
Affiliation Type:	Emergency Contact
Company Name:	CHERRY ASSOCIATES LLC
Contact Type:	Not reported
Contact Name:	TAL SHARON
Address1:	Not reported

GARDEN PLAZA MGMT (Continued) **U003127973**

Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(646) 879-4868
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MFLEONAR
Date Last Modified:	2017-10-31

Site Id:	15857
Affiliation Type:	Facility Owner
Company Name:	CHERRY ASSOCIATES LLC
Contact Type:	MEMBER
Contact Name:	MERI BOUSKILA
Address1:	1 PENN PLAZA, SUITE 4000
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10119
Country Code:	001
Phone:	(212) 564-2111
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MFLEONAR
Date Last Modified:	2017-10-31

Tank Info:

Tank Number:	720
Tank ID:	20821
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	5000
Install Date:	11/07/1962
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Tightness Test Method:	34
Date Test:	01/07/2020
Next Test Date:	01/07/2021
Pipe Model:	Not reported
Modified By:	TankSys
Last Modified:	03/16/2020

Equipment Records:

E00 - Piping Secondary Containment - None
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
A00 - Tank Internal Protection - None

GARDEN PLAZA MGMT (Continued) **U003127973**

D01 - Pipe Type - Steel/Carbon Steel/Iron
K00 - Spill Prevention - None
J00 - Dispenser - None
L02 - Piping Leak Detection - Interstitial - Manual Monitoring
B00 - Tank External Protection - None
F00 - Pipe External Protection - None

I87 **CHERRY AVE APARTMENTS** **NY LTANKS** **S104619497**
ENE **136-04 CHERRY AVE** **N/A**
1/8-1/4 **FLUSHING, NY**
0.186 mi.
981 ft. **Site 3 of 4 in cluster I**

Relative:
Higher

Actual:
39 ft.

LTANKS:

Name:	SPILL NUMBER 9800839
Address:	136-04 CHERRY AV
City,State,Zip:	FLUSHING, NY
Spill Number/Closed Date:	9800839 / 1998-10-01
Facility ID:	9800839
Site ID:	129606
Spill Date:	1998-04-20
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	MMMULQUE
Referred To:	Not reported
Reported to Dept:	1998-04-20
CID:	351
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1998-04-20
Spill Record Last Update:	1998-10-01
Spiller Name:	PABLO RODRIGUEZ
Spiller Company:	GARDEN PLAZA MANAGEMENT
Spiller Address:	136-04 CHERRY AV
Spiller County:	001
Spiller Contact:	PABLO RODRIGUEZ
Spiller Phone:	(718) 939-5469
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	111718
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MULQUEEN 4/20/98 mmm:CALLED AND LEFT MESSAGE. TANK RETESTED ON 5/15/98 & PASSED. NO SPILLS OBSERVED."
Remarks:	"LOOKS LIKE THERE WAS A REMOTE TANK FILL AT ONE TIME AND IT WAS COVERD UP - POSSIBLY NOT PROPERLY SEALED"

All TTF:

Facility ID:	9800839
Spill Number:	9800839
Spill Tank Test:	1545795

CHERRY AVE APARTMENTS (Continued) **S104619497**

Site ID:	129606
Tank Number:	1
Tank Size:	5000
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	F
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	129606
Operable Unit ID:	1061486
Operable Unit:	01
Material ID:	322782
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	CHERRY AVE APARTMENTS
Address:	136-04 CHERRY AVE
City,State,Zip:	FLUSHING, NY
Spill Number/Closed Date:	0203729 / 2004-07-29
Facility ID:	0203729
Site ID:	187466
Spill Date:	2002-07-09
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	CESAWYER
Referred To:	Not reported
Reported to Dept:	2002-07-09
CID:	281
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2002-07-09
Spill Record Last Update:	2004-07-29
Spiller Name:	Not reported
Spiller Company:	SAME

CHERRY AVE APARTMENTS (Continued) **S104619497**

Spiller Address:	Not reported
Spiller County:	999
Spiller Contact:	PABLO RODRIGUEZ
Spiller Phone:	(718) 939-5469
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	156628
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was SAWYER 1/6/04-Vought-Spill transferred from Vought to Austin. 1/27/04 - Sawyer - Spill transferred from Austin to Sawyer. 7/29/04 - Sawyer - Receive repair information and receipt from Mari Green at Garden Plaza. Closed."
Remarks:	"TANK TEST FAILURE AT ABOVE LOCATION. PRO AM TANK CLEANERS HAVE BEEN HIRED TO DRAINED AND CLEAN TANK AND PERFORM LINE TEST. TANK ONLY TEST TO FOLLOW."

All TTF:

Facility ID:	0203729
Spill Number:	0203729
Spill Tank Test:	1527264
Site ID:	187466
Tank Number:	720
Tank Size:	5000
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	F
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	187466
Operable Unit ID:	856600
Operable Unit:	01
Material ID:	568700
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

K88 **HOME DEPOT USA INC HD1214** **RCRA-SQG** **1004759623**
NW **131-35 AVERY AVE** **FINDS** **NYR000015974**
1/8-1/4 **FLUSHING, NY 11355** **ECHO**
0.194 mi. **NJ MANIFEST**
1022 ft. **Site 5 of 9 in cluster K** **NY MANIFEST**

Relative: Higher

Actual: 18 ft.

RCRA-SQG:

Date form received by agency:	2007-01-01 00:00:00.0
Facility name:	HOME DEPOT #1214
Facility address:	131-35 AVERY AVE FLUSHING, NY 11355
EPA ID:	NYR000015974
Mailing address:	ASTON AVE - SUITE 100 CARLSBAD, CA 92008
Contact:	ROBERT PERKINS
Contact address:	ASTON AVE - SUITE 100 CARLSBAD, CA 92008
Contact country:	US
Contact telephone:	760-602-8700
Contact email:	RPERKINS@3ECOMPANY.COM
EPA Region:	02
Land type:	Private
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	NO NAME FOUND
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	1995-06-15 00:00:00.
Owner/Op end date:	Not reported
Owner/operator name:	THE HOME DEPOT
Owner/operator address:	2455 PACES FERRY RD ATLANTA, GA 30339
Owner/operator country:	US
Owner/operator telephone:	404-770-8211
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	2001-01-01 00:00:00.
Owner/Op end date:	Not reported
Owner/operator name:	HOME DEPOT USA
Owner/operator address:	PACES FERRY RD ATLANTA, GA 30339

HOME DEPOT USA INC HD1214 (Continued) **1004759623**

Owner/operator country: US
Owner/operator telephone: 404-770-8211
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 1995-06-15 00:00:00.
Owner/Op end date: Not reported

Owner/operator name: HOME DEPOT USA
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 1995-06-15 00:00:00.
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2006-01-01 00:00:00.0
Site name: HOME DEPOT USA INC HD1214
Classification: Small Quantity Generator

Date form received by agency: 2005-06-28 00:00:00.0
Site name: HOME DEPOT USA INC HD1214
Classification: Small Quantity Generator

Date form received by agency: 1995-11-06 00:00:00.0
Site name: HOME DEPOT THE 1214
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:

. Waste code: D001

HOME DEPOT USA INC HD1214 (Continued) **1004759623**

. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D009
. Waste name: MERCURY

. Waste code: D016
. Waste name: 2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)

. Waste code: D018
. Waste name: BENZENE

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Universal Waste - Small Quantity Handlers
Date violation determined: 2016-04-19 00:00:00.0
Date achieved compliance: 2016-04-19 00:00:00.0
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 2016-05-17 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported

HOME DEPOT USA INC HD1214 (Continued) **1004759623**

Area of violation: TSD IS-Preparedness and Prevention
Date violation determined: 2016-04-19 00:00:00.0
Date achieved compliance: 2016-05-09 00:00:00.0
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 2016-05-17 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 2008-11-20 00:00:00.0
Date achieved compliance: 2009-01-06 00:00:00.0
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 2008-12-01 00:00:00.0
Enf. disposition status: Action Satisfied (Case Closed)
Enf. disp. status date: 2009-01-07 00:00:00.0
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD IS-Preparedness and Prevention
Date violation determined: 2008-11-20 00:00:00.0
Date achieved compliance: 2009-01-06 00:00:00.0
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 2008-12-01 00:00:00.0
Enf. disposition status: Action Satisfied (Case Closed)
Enf. disp. status date: 2009-01-07 00:00:00.0
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Universal Waste - Small Quantity Handlers
Date violation determined: 2008-11-20 00:00:00.0
Date achieved compliance: 2009-01-06 00:00:00.0
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 2008-12-01 00:00:00.0
Enf. disposition status: Action Satisfied (Case Closed)
Enf. disp. status date: 2009-01-07 00:00:00.0
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 2019-09-20 00:00:00.0

HOME DEPOT USA INC HD1214 (Continued) **1004759623**

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 2016-04-19 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Universal Waste - Small Quantity Handlers
Date achieved compliance: 2016-04-19 00:00:00.0
Evaluation lead agency: State

Evaluation date: 2016-04-19 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD IS-Preparedness and Prevention
Date achieved compliance: 2016-05-09 00:00:00.0
Evaluation lead agency: State

Evaluation date: 2008-11-20 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 2009-01-06 00:00:00.0
Evaluation lead agency: State

Evaluation date: 2008-11-20 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Universal Waste - Small Quantity Handlers
Date achieved compliance: 2009-01-06 00:00:00.0
Evaluation lead agency: State

Evaluation date: 2008-11-20 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD IS-Preparedness and Prevention
Date achieved compliance: 2009-01-06 00:00:00.0
Evaluation lead agency: State

FINDS:
Registry ID: 110009484708

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1004759623
Registry ID: 110009484708
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110009484708
Name: HOME DEPOT USA INC HD1214
Address: 131-35 AVERY AVE
City,State,Zip: FLUSHING, NY 11355

HOME DEPOT USA INC HD1214 (Continued) **1004759623**

NJ MANIFEST:

EPA Id:	NYR000015974
Mail Address:	1905 ASTON AVE STE 100
Mail City/State/Zip:	CARLSBAD 92008
Facility Phone:	7183589600
Emergency Phone:	Not reported
Contact:	HENRY LOUIS
Comments:	Not reported
SIC Code:	Not reported
County:	00
Municipal:	00
Previous EPA Id:	Not reported
Gen Flag:	X
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	NJA4117922
EPA ID:	NYR000015974
Date Shipped:	09/21/2005
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJD003812047
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	09/21/2005
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	09/29/2005
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	12050522

HOME DEPOT USA INC HD1214 (Continued) **1004759623**

Was Load Rejected: CARLSBAD 92008
Reason Load Was Rejected: Not reported

NY MANIFEST:
Name: HOME DEPOT - #1214
Address: 131-35 AVERY AVE
City,State,Zip: FLUSHING, NY 11355
Country: USA
EPA ID: NYR000015974
Facility Status: Not reported
Location Address 1: 131 -35 AVERY AVENUE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: FLUSHING
Location State: NY
Location Zip: 11355
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYR000015974
Mailing Name: HOME DEPOT - #1214
Mailing Contact: PETER KRUCKER - EXT 8620
Mailing Address 1: 1905 ASTON AVE
Mailing Address 2: SUITE 100
Mailing City: CARLSBAD
Mailing State: CA
Mailing Zip: 92008
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 7606028700

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2018
Trans1 State ID: PAD982661381
Trans2 State ID: Not reported
Generator Ship Date: 06/20/2018
Trans1 Recv Date: 06/20/2018
Trans2 Recv Date: Not reported
TSD Site Recv Date: 07/02/2018
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000015974
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: PAD085690592
TSDF ID 2: Not reported
Manifest Tracking Number: 001890215PSC
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N

HOME DEPOT USA INC HD1214 (Continued) **1004759623**

Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	3
Units:	P - Pounds
Number of Containers:	1
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	L Landfill.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

K89 **HOME DEPOT RETAIL STORE #1214** **NY UST** **U001837255**
NW **131-35 AVERY AVE** **N/A**
1/8-1/4 **FLUSHING, NY 11355**
0.194 mi.
1022 ft. **Site 6 of 9 in cluster K**

Relative:
Higher

Actual:
18 ft.

UST:

Name:	HOME DEPOT RETAIL STORE #1214
Address:	131-35 AVERY AVE
City,State,Zip:	FLUSHING, NY 11355
Id/Status:	2-335894 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	598381.07558
UTM Y:	4511916.20164
Site Type:	Other Wholesale/Retail Sales

Affiliation Records:

Site Id:	16037
Affiliation Type:	Facility Owner
Company Name:	HOME DEPOT USA INC
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	3096 HAMILTON BLVD
Address2:	Not reported
City:	SOUTH PLAINFIELD
State:	NJ
Zip Code:	07080
Country Code:	001

HOME DEPOT RETAIL STORE #1214 (Continued) **U001837255**

Phone:	(732) 752-1700
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	16037
Affiliation Type:	Mail Contact
Company Name:	HOME DEPOT USA INC
Contact Type:	Not reported
Contact Name:	JAMES J. SCOTT, ESQ.
Address1:	3096 HAMILTON BLVD
Address2:	Not reported
City:	SOUTH PLAINFIELD
State:	NJ
Zip Code:	07080
Country Code:	001
Phone:	(732) 926-3688
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	16037
Affiliation Type:	Facility Operator
Company Name:	HOME DEPOT RETAIL STORE #1214
Contact Type:	Not reported
Contact Name:	HOWIE KOHLER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 358-9600
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	16037
Affiliation Type:	Emergency Contact
Company Name:	HOME DEPOT USA INC
Contact Type:	Not reported
Contact Name:	HOME DEPOT USA INC
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(732) 926-3688
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

HOME DEPOT RETAIL STORE #1214 (Continued) **U001837255**

Tank Info:

Tank Number:	001
Tank ID:	21033
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	4000
Install Date:	Not reported
Date Tank Closed:	01/01/1994
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

I00 - Overfill - None
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
D00 - Pipe Type - No Piping
H99 - Tank Leak Detection - Other
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Tank Number:	002
Tank ID:	21034
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	4000
Install Date:	Not reported
Date Tank Closed:	01/01/1994
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

I00 - Overfill - None
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None

HOME DEPOT RETAIL STORE #1214 (Continued) **U001837255**

J02 - Dispenser - Suction Dispenser
D00 - Pipe Type - No Piping
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H99 - Tank Leak Detection - Other

Tank Number: 003
Tank ID: 21035
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: Not reported
Date Tank Closed: 01/01/1994
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
I00 - Overfill - None
D00 - Pipe Type - No Piping
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H99 - Tank Leak Detection - Other

Tank Number: 004
Tank ID: 21036
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: Not reported
Date Tank Closed: 01/01/1994
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT

HOME DEPOT RETAIL STORE #1214 (Continued) **U001837255**

Last Modified: 04/14/2017

Equipment Records:

I00 - Overfill - None
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
D00 - Pipe Type - No Piping
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H99 - Tank Leak Detection - Other

Tank Number: 005
Tank ID: 21037
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 30000
Install Date: Not reported
Date Tank Closed: 01/01/1994
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0003
Common Name of Substance: #6 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
D00 - Pipe Type - No Piping
H99 - Tank Leak Detection - Other

Tank Number: 006
Tank ID: 65146
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 30000
Install Date: Not reported
Date Tank Closed: 01/01/1994
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0003
Common Name of Substance: #6 Fuel Oil (On-Site Consumption)

HOME DEPOT RETAIL STORE #1214 (Continued) **U001837255**

Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
D00 - Pipe Type - No Piping
J00 - Dispenser - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

I90 **CHERRY LANE OWNERS CORP.** **NY LTANKS** **U001836838**
NE **42-95 MAIN ST** **NY UST** **N/A**
1/8-1/4 **FLUSHING, NY 11355** **NY Spills**
0.197 mi.
1041 ft. **Site 4 of 4 in cluster I**

Relative: **Higher**
Actual: **39 ft.**

LTANKS:

Name:	APARTMENT
Address:	42-95 MAIN ST
City,State,Zip:	FLUSHING, NY 11355
Spill Number/Closed Date:	0101159 / 2010-01-04
Facility ID:	0101159
Site ID:	311177
Spill Date:	2001-04-30
Spill Cause:	Tank Test Failure
Spill Source:	Non Major Facility > 1,100 gal
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	LXZIELIN
Referred To:	Not reported
Reported to Dept:	2001-04-30
CID:	389
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2001-04-30
Spill Record Last Update:	2010-01-04
Spiller Name:	ANTHONY
Spiller Company:	APARTMENT
Spiller Address:	42-95 MAIN ST
Spiller County:	001
Spiller Contact:	ANTHONY
Spiller Phone:	(718) 721-0700
Spiller Extention:	Not reported
DEC Region:	2

CHERRY LANE OWNERS CORP. (Continued) **U001836838**

DER Facility ID: 14888
DEC Memo: "01/04/10 - LZ Reviewed of information in the DEC files; notes from the March 22, 2007 site visit (eDocs)and a Petroleum Tank Cleaners, Inc., certificate (eDocs) reveal that it was an AST located in a small building outside the apartment building. According to Richard Goodman (eDocs) of the Goodman Management Co., Inc. the tank was tested for tightness to meet a requirement of a mortgage lending instituting. A certificate of a maintenance supervisor(eDocs) implies that it had been oil in the sump pit of the boiler room that was cleaned. The tank was removed on August 6, 2001, as a certificate indicates (eDocs). The spill case is closed. 04/13/07 - Zielinski Received a letter from Richard Goodman, providing information ona a proposal to remove the tank, a certificate that the tank was removed and all lines disconnected. Left a message with Richard Goodman, 718-796-5022, ext. 12, asking for a cause of the TTF, findings of any soil contamination, and a sketch depicting the tank location. 03/23/07 - Zielinski Sent a TTF letter to : Goodman Management 2736 Independence Avenue, Suite A Riverdale, NY 10463 Attn: Richard Goodman This comapnay took over the property few months ago. During the visit a the site on 03/22/07, I spoke over the phone with Richard Goodman,(718)796-5022. He would try to get infomation about the tank--closed in place outside the building, vaulted--from a previous managing comany. 11/03/06. Based on info from tester, PTC requested the test. Retest failed. Tank was closed. Need to contact PTC for further info. JK. 09/05/06 -Zielinski This spill case reassigned from Central Office to Region 2. Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIPPLE 7/22/03 TIPPLE UPDATING// REQUEST FOR DOCUMENTATION SENT OUT."
Remarks: "NO SPILLAGE TANK TEST FAILURE"

All TTF:
Facility ID: 0101159
Spill Number: 0101159
Spill Tank Test: 1526264
Site ID: 311177
Tank Number: 1
Tank Size: 7500
Material: 0002
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 03
Test Method 2: Horner EZ Check I or II
Leak Rate: .00
Gross Fail: F
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 311177
Operable Unit ID: 838107
Operable Unit: 01
Material ID: 536864
Material Code: 0002A
Material Name: #4 fuel oil
Case No.: Not reported

CHERRY LANE OWNERS CORP. (Continued) **U001836838**

Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

UST:
Name: CHERRY LANE OWNERS CORP.
Address: 42-95 MAIN ST
City,State,Zip: FLUSHING, NY 11355
Id/Status: 2-321117 / Unregulated/Closed
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 599026.67785
UTM Y: 4511963.39032
Site Type: Apartment Building/Office Building

Affiliation Records:
Site Id: 14908
Affiliation Type: Facility Owner
Company Name: CHERRY LANE OWNERS CORP
Contact Type: Not reported
Contact Name: Not reported
Address1: 42-95 MAIN ST.
Address2: Not reported
City: FLUSHING
State: NY
Zip Code: 11355
Country Code: 001
Phone: (718) 721-0700
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 14908
Affiliation Type: Mail Contact
Company Name: ALL AREA PROPERTY MGT.
Contact Type: Not reported
Contact Name: T.J. MAGOULAS
Address1: 21-07 31ST STREET
Address2: Not reported
City: LONG ISLAND CITY
State: NY
Zip Code: 11105
Country Code: 001
Phone: (718) 721-0700
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 14908
Affiliation Type: Facility Operator

CHERRY LANE OWNERS CORP. (Continued) **U001836838**

Company Name:	CHERRY LANE OWNERS CORP.
Contact Type:	Not reported
Contact Name:	T.J. MAGOULAS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 721-0700
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	14908
Affiliation Type:	Emergency Contact
Company Name:	CHERRY LANE OWNERS CORP
Contact Type:	Not reported
Contact Name:	T.J. MAGOULAS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 721-0700
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	001
Tank ID:	19819
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	7500
Install Date:	09/01/1959
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

A01 - Tank Internal Protection - Epoxy Liner
H00 - Tank Leak Detection - None

CHERRY LANE OWNERS CORP. (Continued) **U001836838**

C03 - Pipe Location - Aboveground/Underground Combination
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
D01 - Pipe Type - Steel/Carbon Steel/Iron
I04 - Overfill - Product Level Gauge (A/G)
B00 - Tank External Protection - None
F00 - Pipe External Protection - None

SPILLS:

Name:	CONCRETE
Address:	42-95 MAIN ST
City,State,Zip:	FLUSHING, NY
Spill Number/Closed Date:	1107227 / 2011-09-09
Facility ID:	1107227
Facility Type:	ER
DER Facility ID:	409514
Site ID:	454919
DEC Region:	2
Spill Cause:	Human Error
Spill Class:	D4
SWIS:	4101
Spill Date:	2011-09-08
Investigator:	RMPIPER
Referred To:	Not reported
Reported to Dept:	2011-09-08
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2011-09-08
Spill Record Last Update:	2011-10-06
Spiller Name:	Not reported
Spiller Company:	APPROVED OIL COMPANY
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	VINCENT SICILIANO
DEC Memo:	"DEC Piper spoke with approved. Small spill out vent during fueling. Cleaned by approved. Closed. 10/6/11 - Austin - Spil impacted Con Ed vault (#1107236) - Con Ed contained and cleaned up the spill - See eDocs for further information - Case closed - end"
Remarks:	"Caller advised delivery person blew the line and spilled onto concrete. Clean up is in process."

All Materials:

Site ID:	454919
Operable Unit ID:	1205069
Operable Unit:	01
Material ID:	2201896
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported

CHERRY LANE OWNERS CORP. (Continued) **U001836838**

Material FA:	Petroleum
Quantity:	10.00
Units:	G
Recovered:	Not reported
Oxygenate:	Not reported

N91 **AMERICAN BAKERIES** **RCRA NonGen / NLR** **1000358719**
NW **131-33 AVERY AVENUE** **ICIS** **NYD156101750**
1/8-1/4 **FLUSHING, NY 11355** **FINDS**
0.199 mi. **ECHO**
1051 ft. **Site 1 of 3 in cluster N** **NY MANIFEST**

Relative: Higher

Actual: 18 ft.

RCRA NonGen / NLR:

Date form received by agency:	2007-01-01 00:00:00.0
Facility name:	AMERICAN BAKERIES
Facility address:	131-33 AVERY AVE FLUSHING, NY 11355-4930
EPA ID:	NYD156101750
Mailing address:	AVERY AVE FLUSHING, NY 11355
Contact:	Not reported
Contact address:	AVERY AVE FLUSHING, NY 11355
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	STROEHMANN CO.
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	212-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	STROEHMANN CO.
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	212-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

AMERICAN BAKERIES (Continued) **1000358719**

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2006-01-01 00:00:00.0
Site name: AMERICAN BAKERIES
Classification: Not a generator, verified

Date form received by agency: 1999-07-08 00:00:00.0
Site name: AMERICAN BAKERIES
Classification: Not a generator, verified

Date form received by agency: 1989-06-02 00:00:00.0
Site name: AMERICAN BAKERIES
Classification: Large Quantity Generator

Hazardous Waste Summary:

. Waste code: D000
. Waste name: Not Defined

. Waste code: D001
. Waste name: IGNITABLE WASTE

Violation Status: No violations found

ICIS:
Enforcement Action ID: 02-1992-0260
FRS ID: 110001592740
Action Name: TAYSTEE BAKING CO
Facility Name: AMERICAN BAKERIES COMPANY
Facility Address: 131-33 AVERY AVENUE
FLUSHING, NY 11355
Enforcement Action Type: CAA 113D1 Action For Penalty
Facility County: QUEENS
Program System Acronym: ICIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 113D1
Facility SIC Code: 5149
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.752203
Longitude in Decimal Degrees: -73.83482

AMERICAN BAKERIES (Continued) **1000358719**

Permit Type Desc: Not reported
Program System Acronym: 5371
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: 02-1992-0259
FRS ID: 110001592740
Action Name: UNIVERSAL MILLWRIGHT CO, INC
Facility Name: AMERICAN BAKERIES COMPANY
Facility Address: 131-33 AVERY AVENUE
FLUSHING, NY 11355
Enforcement Action Type: CAA 113D1 Action For Penalty
Facility County: QUEENS
Program System Acronym: ICIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 113D1
Facility SIC Code: 5149
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.752203
Longitude in Decimal Degrees: -73.83482
Permit Type Desc: Not reported
Program System Acronym: 5371
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Facility Name: AMERICAN BAKERIES CORP
Address: 131-33 AVERY AVENUE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 5149

Facility Name: AMERICAN BAKERIES CORP
Address: 131-33 AVERY AVENUE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 5149

Facility Name: AMERICAN BAKERIES CORP
Address: 131-33 AVERY AVENUE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 5149

Facility Name: AMERICAN BAKERIES CORP
Address: 131-33 AVERY AVENUE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 5149

Facility Name: AMERICAN BAKERIES CORP
Address: 131-33 AVERY AVENUE
Tribal Indicator: N

AMERICAN BAKERIES (Continued) **1000358719**

Fed Facility: No
NAIC Code: Not reported
SIC Code: 5149

Facility Name: AMERICAN BAKERIES CORP
Address: 131-33 AVERY AVENUE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 5149

Facility Name: AMERICAN BAKERIES CORP
Address: 131-33 AVERY AVENUE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 5149

Facility Name: AMERICAN BAKERIES CORP
Address: 131-33 AVERY AVENUE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 5149

FINDS:
Registry ID: 110001592740

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.
ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

AMERICAN BAKERIES (Continued) **1000358719**

ECHO:

Envid:	1000358719
Registry ID:	110001592740
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110001592740
Name:	AMERICAN BAKERIES
Address:	131-33 AVERY AVENUE
City,State,Zip:	FLUSHING, NY 11355

NY MANIFEST:

Name:	AMERICAN BAKERIES CORPORATION
Address:	131-33 AVERY AVE
City,State,Zip:	FLUSHING, NY 11355-4930
Country:	USA
EPA ID:	NYD156101750
Facility Status:	Not reported
Location Address 1:	131-33 AVERY AVENUE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	FLUSHING
Location State:	NY
Location Zip:	11355
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYD156101750
Mailing Name:	AMERICAN BAKERIES CORPORATION
Mailing Contact:	STEVE MILACK
Mailing Address 1:	131-33 AVERY AVENUE
Mailing Address 2:	Not reported
Mailing City:	FLUSHING
Mailing State:	NY
Mailing Zip:	11355
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	7186707779

NY MANIFEST:

Document ID:	PAC8147160
Manifest Status:	C
seq:	Not reported
Year:	1992
Trans1 State ID:	PAAH0172
Trans2 State ID:	Not reported
Generator Ship Date:	08/06/1992
Trans1 Recv Date:	08/06/1992
Trans2 Recv Date:	/ /
TSD Site Recv Date:	08/12/1992
Part A Recv Date:	/ /
Part B Recv Date:	08/24/1992
Generator EPA ID:	NYD156101750
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID 1:	PAD987266715
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported

AMERICAN BAKERIES (Continued) **1000358719**

Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00050
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100

M92 **CON EDISON SERVICE BOX: 38501** **RCRA NonGen / NLR** **1016960632**
NNW **44-10 COLLEGE PT BLVD** **NY MANIFEST** **NYP004327094**
1/8-1/4 **FLUSHING, NY 11355**
0.200 mi.
1056 ft. **Site 3 of 5 in cluster M**

Relative:
Higher

Actual:
33 ft.

RCRA NonGen / NLR:

Date form received by agency:	2013-08-10 00:00:00.0
Facility name:	CON EDISON SERVICE BOX: 38501
Facility address:	44-10 COLLEGE PT BLVD FLUSHING, NY 11355
EPA ID:	NYP004327094
Mailing address:	IRVING PL, RM 828 NEW YORK, NY 10003
Contact:	JAY KLEINER
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	718-321-4784
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No

CON EDISON SERVICE BOX: 38501 (Continued) **1016960632**

Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	2013-07-10 00:00:00.0
Site name:	CON EDISON SERVICE BOX: 38501
Classification:	Conditionally Exempt Small Quantity Generator
Violation Status:	No violations found

NY MANIFEST:

Name:	CON EDISON
Address:	44-10 COLLEGE PT BLVD
City,State,Zip:	FLUSHING, NY 11355
Country:	USA
EPA ID:	NYP004327094
Facility Status:	Not reported
Location Address 1:	44-10 COLLEGE PT BLVD
Code:	BP
Location Address 2:	SB #38501
Total Tanks:	Not reported
Location City:	QUEENS
Location State:	NY
Location Zip:	11385
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004327094
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address 1:	4 IRVING PLACE 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2013
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	07/10/2013
Trans1 Recv Date:	07/10/2013
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	07/10/2013
Part A Recv Date:	Not reported

CON EDISON SERVICE BOX: 38501 (Continued) **1016960632**

Part B Recv Date:	Not reported
Generator EPA ID:	NYP004327094
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002084625GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	20
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

93
SE
1/8-1/4
0.202 mi.
1066 ft.

CON EDISON - SERVICE BOX 52045 **NY MANIFEST** **S123692592**
136-28 BOOTH MEMORIAL AVE **N/A**
FLUSHING, NY 11355

Relative:
Higher

Actual:
65 ft.

NY MANIFEST:

Name:	CON EDISON - SERVICE BOX 52045
Address:	136-28 BOOTH MEMORIAL AVE
City,State,Zip:	FLUSHING, NY 11355
Country:	USA
EPA ID:	NYP005225511
Facility Status:	Not reported
Location Address 1:	136-28 BOOTH MEMORIAL AVE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	FLUSHING
Location State:	NY
Location Zip:	11355

CON EDISON - SERVICE BOX 52045 (Continued) **S123692592**

Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP005225511
Mailing Name: CON EDISON - SERVICE BOX 52045
Mailing Contact: ANNAMARIE MOYLAN
Mailing Address 1: 4 IRVING PLACE 15TH FL NE
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124602278

K94 **NYCDEP FLUSHING BAY CS4-3** **RCRA NonGen / NLR** **1001029136**
NW **131-01 FOWLER AVE** **FINDS** **NYR000013680**
1/8-1/4 **FLUSHING, NY 11355** **ECHO**
0.202 mi. **NY MANIFEST**
1068 ft. **Site 7 of 9 in cluster K**

Relative:
Lower

Actual:
15 ft.

RCRA NonGen / NLR:
Date form received by agency: 2007-01-01 00:00:00.0
Facility name: NYCDEP FLUSHING BAY CS4-3
Facility address: 131-01 FOWLER AVE
FLUSHING, NY 11355
EPA ID: NYR000013680
Mailing address: FOWLER AVE
FLUSHING, NY 11355
Contact: Not reported
Contact address: FOWLER AVE
FLUSHING, NY 11355
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Land type: Municipal
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: NYCDEP
Owner/operator address: 96-05 HORACE HARDING EXPWY
CORONA, NY 11368
Owner/operator country: US
Owner/operator telephone: 718-595-6096
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Municipal
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NYCDEP
Owner/operator address: 96-05 HORACE HARDING EXPWY
CORONA, NY 11368

NYCDEP FLUSHING BAY CS4-3 (Continued) **1001029136**

Owner/operator country: US
Owner/operator telephone: 718-595-6096
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Municipal
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2006-01-01 00:00:00.0
Site name: NYCDEP FLUSHING BAY CS4-3
Classification: Not a generator, verified

Date form received by agency: 2001-01-01 00:00:00.0
Site name: NYCDEP FLUSHING BAY
Classification: Large Quantity Generator

Date form received by agency: 1999-07-14 00:00:00.0
Site name: NYCDEP FLUSHING BAY CS4-3
Classification: Small Quantity Generator

Date form received by agency: 1998-04-16 00:00:00.0
Site name: NYCDEP FLUSHING BAY CS4-3
Classification: Large Quantity Generator

Hazardous Waste Summary:

. Waste code: D000
. Waste name: Not Defined

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D008
. Waste name: LEAD

NYCDEP FLUSHING BAY CS4-3 (Continued) **1001029136**

Facility Has Received Notices of Violations:
- Regulation violated: Not reported
- Area of violation: Generators - Records/Reporting
- Date violation determined: 1996-10-07 00:00:00.0
- Date achieved compliance: 1997-02-05 00:00:00.0
- Violation lead agency: State
  - Enforcement action: INITIAL 3008(A) COMPLIANCE
  - Enforcement action date: 1997-02-05 00:00:00.0
  - Enf. disposition status: Not reported
  - Enf. disp. status date: Not reported
  - Enforcement lead agency: State
  - Proposed penalty amount: 1200
  - Final penalty amount: Not reported
  - Paid penalty amount: Not reported

- Regulation violated: Not reported
- Area of violation: Generators - Records/Reporting
- Date violation determined: 1996-10-07 00:00:00.0
- Date achieved compliance: 1997-02-05 00:00:00.0
- Violation lead agency: State
  - Enforcement action: WRITTEN INFORMAL
  - Enforcement action date: 1996-10-07 00:00:00.0
  - Enf. disposition status: Not reported
  - Enf. disp. status date: Not reported
  - Enforcement lead agency: State
  - Proposed penalty amount: Not reported
  - Final penalty amount: Not reported
  - Paid penalty amount: Not reported

Evaluation Action Summary:
- Evaluation date: 1996-01-01 00:00:00.0
- Evaluation: NON-FINANCIAL RECORD REVIEW
- Area of violation: Generators - Records/Reporting
- Date achieved compliance: 1997-02-05 00:00:00.0
- Evaluation lead agency: State

FINDS:
- Registry ID: 110004518763

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
- Envid: 1001029136
- Registry ID: 110004518763
- DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004518763
- Name: NYCDEP FLUSHING BAY CS4-3
- Address: 131-01 FOWLER AVE

NYCDEP FLUSHING BAY CS4-3 (Continued) **1001029136**

City,State,Zip: FLUSHING, NY 11355

NY MANIFEST:
Name: NEW YORK CITY DEP
Address: 131-01 FOWLER AVE
City,State,Zip: FLUSHING, NY 11355
Country: USA
EPA ID: NYR000013680
Facility Status: Not reported
Location Address 1: 131-15 FOWLER AVENUE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: FLUSHING
Location State: NY
Location Zip: 11355
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYR000013680
Mailing Name: NEW YORK CITY DEP
Mailing Contact: RICHARD CARTER
Mailing Address 1: 96-05 HORACE HARDING EXPSWY
Mailing Address 2: Not reported
Mailing City: CORONA
Mailing State: NY
Mailing Zip: 11368
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 7185956239

NY MANIFEST:
Document ID: NJA4149795
Manifest Status: Not reported
seq: 01
Year: 2002
Trans1 State ID: 50181
Trans2 State ID: Not reported
Generator Ship Date: 07/16/2002
Trans1 Recv Date: 07/16/2002
Trans2 Recv Date: Not reported
TSD Site Recv Date: 07/16/2002
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000013680
Trans1 EPA ID: NJR000029967
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: Not reported
Import Indicator: Not reported
Export Indicator: Not reported
Discr Quantity Indicator: Not reported
Discr Type Indicator: Not reported
Discr Residue Indicator: Not reported
Discr Partial Reject Indicator: Not reported
Discr Full Reject Indicator: Not reported

NYCDEP FLUSHING BAY CS4-3 (Continued) **1001029136**

Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	36240
Units:	P - Pounds
Number of Containers:	001
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00

O95 **BLOSSOM GARDENS APARTMENTS INC.** **NY AST** **U003393736**
NE **134-39 BLOSSOM AVENUE** **N/A**
1/8-1/4 **FLUSHING, NY 11355**
0.203 mi.
1071 ft. **Site 1 of 2 in cluster O**

Relative:
Higher

Actual:
37 ft.

AST:

Name:	BLOSSOM GARDENS APARTMENTS INC.
Address:	134-39 BLOSSOM AVENUE
City,State,Zip:	FLUSHING, NY 11355
Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-342459
Program Type:	PBS
UTM X:	598886.83937
UTM Y:	4511991.01240
Expiration Date:	12/14/2022
Site Type:	Apartment Building/Office Building

Affiliation Records:

Site Id:	16619
Affiliation Type:	Facility Owner
Company Name:	BLOSSOM GARDEN APTS INC
Contact Type:	PROPERTY MGR-AGENT
Contact Name:	ADAM MAJEWSKI
Address1:	7018 FORT HAMILTON PKWY
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11228
Country Code:	001
Phone:	(718) 439-0303
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KAKYER
Date Last Modified:	2013-08-20

Site Id:	16619
Affiliation Type:	Facility Operator

BLOSSOM GARDENS APARTMENTS INC. (Continued) **U003393736**

Company Name:	BLOSSOM GARDENS APARTMENTS INC.
Contact Type:	Not reported
Contact Name:	EVERADO ORTEGA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(917) 859-9240
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KAKYER
Date Last Modified:	2013-08-20

Site Id:	16619
Affiliation Type:	Emergency Contact
Company Name:	BLOSSOM GARDEN APTS INC
Contact Type:	Not reported
Contact Name:	EVERADO ORTEGA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(917) 859-9240
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KAKYER
Date Last Modified:	2013-08-20

Site Id:	16619
Affiliation Type:	Mail Contact
Company Name:	JALEN MANAGEMENT
Contact Type:	Not reported
Contact Name:	ADAM MAJEWSKI
Address1:	7018 FORT HAMILTON PKWY
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11228
Country Code:	001
Phone:	(718) 439-0303
EMail:	ADAMM@JALENMANAGEMENT.COM
Fax Number:	Not reported
Modified By:	JSMACRI
Date Last Modified:	2018-11-27

Tank Info:

Tank Number:	001
Tank Id:	32238
Material Code:	0003
Common Name of Substance:	#6 Fuel Oil (On-Site Consumption)

BLOSSOM GARDENS APARTMENTS INC. (Continued) **U003393736**

Equipment Records:

E00 - Piping Secondary Containment - None
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
L09 - Piping Leak Detection - Exempt Suction Piping
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
K00 - Spill Prevention - None
I04 - Overfill - Product Level Gauge (A/G)
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Tank Location:	Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	01/01/1953
Capacity Gallons:	20000
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	JSMACRI
Last Modified:	11/27/2018
Material Name:	#4 fuel oil (on-site consumption)

M96 **CON EDISON SERVICE BOX: 38499** **RCRA NonGen / NLR** **1016454476**
North **44-05 COLLEGE PT BLVD** **FINDS** **NYP004327268**
1/8-1/4 **FLUSHING, NY 11355** **ECHO**
0.206 mi. **NY MANIFEST**
1088 ft. **Site 4 of 5 in cluster M**

Relative: Higher

Actual: 39 ft.

RCRA NonGen / NLR:

Date form received by agency:	2013-08-10 00:00:00.0
Facility name:	CON EDISON SERVICE BOX: 38499
Facility address:	44-05 COLLEGE POINT BLVD FLUSHING, NY 11355
EPA ID:	NYP004327268
Mailing address:	VING PL, 15TH FL NE NEW YORK, NY 10003
Contact:	THOMAS TEELING
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	212-460-3770
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No

CON EDISON SERVICE BOX: 38499 (Continued) **1016454476**

Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:
Date form received by agency: 2013-07-10 00:00:00.0
Site name: CON EDISON SERVICE BOX: 38499
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

FINDS:
Registry ID: 110056508060

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1016454476
Registry ID:	110056508060
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110056508060
Name:	CON EDISON SERVICE BOX: 38499
Address:	44-05 COLLEGE PT BLVD
City,State,Zip:	FLUSHING, NY 11355

NY MANIFEST:

Name:	CON EDISON
Address:	44-05 COLLEGE POINT BLVD
City,State,Zip:	FLUSHING, NY 11355
Country:	USA
EPA ID:	NYP004327268
Facility Status:	Not reported
Location Address 1:	44-05 COLLEGE PT BLVD
Code:	BP
Location Address 2:	SB #38499
Total Tanks:	Not reported
Location City:	FLUSHING
Location State:	NY
Location Zip:	11355

CON EDISON SERVICE BOX: 38499 (Continued) **1016454476**

Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004327268
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PLACE 15TH FLOOR
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124603770

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2013
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 07/10/2013
Trans1 Recv Date: 07/10/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 07/10/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004327268
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002084629GBF
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 40
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1

CON EDISON SERVICE BOX: 38499 (Continued) **1016454476**

Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

M97 **CON EDISON SERVICE BOX: 38499** **RCRA NonGen / NLR** **1016960633**
North **44-05 COLLEGE PT BLVD** **NY MANIFEST** **NYP004327102**
1/8-1/4 **FLUSHING, NY 11355**
0.206 mi.
1088 ft. **Site 5 of 5 in cluster M**

Relative:
Higher

Actual:
39 ft.

RCRA NonGen / NLR:

Date form received by agency:	2013-08-10 00:00:00.0
Facility name:	CON EDISON SERVICE BOX: 38499
Facility address:	44-05 COLLEGE PT BLVD FLUSHING, NY 11355
EPA ID:	NYP004327102
Mailing address:	IRVING PL, RM 828 NEW YORK, NY 10003
Contact:	JAY KLEINER
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	718-321-4784
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	2013-07-10 00:00:00.0
Site name:	CON EDISON SERVICE BOX: 38499
Classification:	Conditionally Exempt Small Quantity Generator
Violation Status:	No violations found

NY MANIFEST:

CON EDISON SERVICE BOX: 38499 (Continued) **1016960633**

Name:	CON EDISON
Address:	44-05 COLLEGE PT BLVD
City,State,Zip:	FLUSHING, NY 11355
Country:	USA
EPA ID:	NYP004327102
Facility Status:	Not reported
Location Address 1:	ES COLLEGE PT BLVD 80' S MAPLE AVE
Code:	BP
Location Address 2:	SB #38500
Total Tanks:	Not reported
Location City:	FLUSHING
Location State:	NY
Location Zip:	11355
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004327102
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address 1:	4 IRVING PLACE 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2013
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	07/10/2013
Trans1 Recv Date:	07/10/2013
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	07/10/2013
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004327102
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002084628GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported

CON EDISON SERVICE BOX: 38499 (Continued) **1016960633**

MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	30
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

N98 **CONSOLIDATED EDISON** **NY Spills** **1009243014**
NW **131-33 AVERY AVE** **NY MANIFEST** **N/A**
1/8-1/4 **QUEENS, NY**
0.207 mi.
1091 ft. **Site 2 of 3 in cluster N**

Relative:
Higher

Actual:
19 ft.

SPILLS:

Name:	MANHOLE #4130
Address:	131-33 AVERY AVE.
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	0404836 / 2004-10-22
Facility ID:	0404836
Facility Type:	ER
DER Facility ID:	231993
Site ID:	286239
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C4
SWIS:	4101
Spill Date:	2004-08-03
Investigator:	GDBREEN
Referred To:	Not reported
Reported to Dept:	2004-08-03
CID:	406
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2004-08-03
Spill Record Last Update:	2004-10-22
Spiller Name:	Not reported
Spiller Company:	UNKNOWN

CONSOLIDATED EDISON (Continued) **1009243014**

Spiller Address: Not reported
Spiller Company: 999
Contact Name: ERT DESK
DEC Memo: "e2mis no. 154670: APPROX. 1 GAL UNKNOWN OIL ON APPROX. 4 GAL. WATER IN TM-4130 (FEEDER 7Q72). NO OIL SEEN LEAKING FROM TRANSFORMER. CANNOT PRESSURE TEST DUE TO HOLE IN TOP OF TRANSFORMER. CLEANUP BY ENV OPS ALSO PENDING PCB RESULTS FROM CHEM LAB. MFG Code: GE, Serial ID: Q252857, Manufacture Date: 04/25/1995, Installation Date: 05/27/1995 PCB SAMPLE DATE 02/25/2000, 0 PPM, LAB SEQ NOT SHOWN. LAB RESULT RECEIVED 8/3/04 - 2315. 04-06099. 50 PPM. TJ - 50495 Update: 8/4/04 - 0500 O.S. R. Quijije reports on location Env. Ops. crew Weihs, Stubbs and Stevens. Crew removed one drum of solids, drum will be one trip to CPB yard. Crew found sump cemented. Crew double washed front of TM using 10 gallons of 760 Biogen. >50 Astoria Tanker removed 125 gallons of liquids. Initial cleanup complete. Wednesday, August 04, 2004 5:54 PM Update: O.S. R. Quijije reports on location Env. Ops. crew Walker, Lacasse and Foschino. Networks crew drained VS4130. > 50 Astoria Tanker removed 270 gallons of oil from VS. Tanker also removed 165 gallons of wash liquid. Crew removed 5 drums of solids 50 PPM PCB. Crew double washed structure with 10 gallons of 760 biogen. Defective unit removed and new one was replaced. Drums picked up by Corporate Transportation. Job 100%, job complete at 1730 and tag #14955 removed."
Remarks: "One gal of unknown oil on 4 gal of water in a manhole. Took samples of material for PCB level. Clean up pending results. No to the five questions. ConED#154670"

All Materials:
Site ID: 286239
Operable Unit ID: 887799
Operable Unit: 01
Material ID: 488815
Material Code: 0066A
Material Name: unknown petroleum
Case No.: Not reported
Material FA: Petroleum
Quantity: 1.00
Units: G
Recovered: .00
Oxygenate: Not reported

Name: TM5613
Address: 131-33 AVERY AVE.
City,State,Zip: QUEENS, NY
Spill Number/Closed Date: 0404894 / 2004-10-22
Facility ID: 0404894
Facility Type: ER
DER Facility ID: 231993
Site ID: 286240
DEC Region: 2
Spill Cause: Unknown
Spill Class: C4
SWIS: 4101
Spill Date: 2004-08-04
Investigator: JHOCONNE
Referred To: Not reported
Reported to Dept: 2004-08-04

CONSOLIDATED EDISON (Continued) **1009243014**

CID:	403
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2004-08-04
Spill Record Last Update:	2004-10-22
Spiller Name:	ERT DESK
Spiller Company:	TM5613
Spiller Address:	131-33 AVERY AVE.
Spiller Company:	001
Contact Name:	ERT DESK
DEC Memo:	"e2mis no. 154701: APPROX. 1 QT. UNKNOWN OIL ON APPROX. 2000 GAL. WATER IN TM-5613. SOURCE OF OIL IS UNKNOWN AND HE CANNOT PRESSURE TEST TRANSFORMER UNTIL FEEDER IS DE-ENERGIZED. SPILL APPEARS TO BE CONTAINED. ** MFG Code: GE, Serial ID: Q505244, Installation Date: 07/17/2003, Manufacture Date: UNKNOWN ** HISTORICAL PCB RESULTS 1 PPM, SAMPLE DATE 08/30/1996, LAB SEQ # 96-10282-005. 8/4/04 16:55 HRS. -- M. ADAMO OF EQUIPMENT GROUP REPORTS TANKER REMOVED ALL LIQUIDS FROM STRUCTURE. TRANSFORMER PASSED PRESSURE TEST AND IS NOT LEAKING. HE REPORTS THAT AS PER ENV OPS O/S R. QUIJIJE, THE CLEANUP WILL BE DONE AFTER PCB RESULTS ARE RECEIVED. LAB RESULT RECEIVED 8/4/04 - 2234. 04-06164. <1.0 PPM. Update - 8/5/04 - 1430hrs A. Vallone reports double washed structure with biogen760. Found sump sealed with cement. Removed env. stop tag #14884. Clean up completed 100%."
Remarks:	"no smoke,fire,sewers,or waterways affected,no private property.lab results from historicals come back as 1 ppm. ref.#154701"

All Materials:

Site ID:	286240
Operable Unit ID:	888290
Operable Unit:	01
Material ID:	488869
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

NY MANIFEST:

Name:	CONSOLIDATED EDISON
Address:	131-33 AVERY AVE
City,State,Zip:	QUEENS, NY
Country:	USA
EPA ID:	NYP004123378
Facility Status:	Not reported
Location Address 1:	131-33 AVERY AVE

CONSOLIDATED EDISON (Continued) **1009243014**

Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: QUEENS
Location State: NY
Location Zip: Not reported
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004123378
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: FRANKLIN MURRAY
Mailing Address 1: 4 IRVING PLACE RM 828
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124602808

NY MANIFEST:
Document ID: NYE0620478
Manifest Status: Not reported
seq: Not reported
Year: 2004
Trans1 State ID: 46299JM
Trans2 State ID: Not reported
Generator Ship Date: 08/04/2004
Trans1 Recv Date: 08/04/2004
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/04/2004
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004123378
Trans1 EPA ID: NYD006982359
Trans2 EPA ID: Not reported
TSDF ID 1: NYD980593
TSDF ID 2: Not reported
Manifest Tracking Number: Not reported
Import Indicator: Not reported
Export Indicator: Not reported
Discr Quantity Indicator: Not reported
Discr Type Indicator: Not reported
Discr Residue Indicator: Not reported
Discr Partial Reject Indicator: Not reported
Discr Full Reject Indicator: Not reported
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: Not reported
Waste Code: B002 - PETROLEUM OIL WITH 50 BUT < 500 PPM PCB
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported

CONSOLIDATED EDISON (Continued) **1009243014**

Quantity:	04055
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	001
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00

N99 **131-33 AVERY AVE/QUEENS** **NY LTANKS** **S100145743**
NW **131-33 AVERY AVENUE** **N/A**
1/8-1/4 **NEW YORK CITY, NY**
0.207 mi.
1091 ft. **Site 3 of 3 in cluster N**

Relative: **Higher**
Actual: **19 ft.**

LTANKS:

Name:	131-33 AVERY AVE/QUEENS
Address:	131-33 AVERY AVENUE
City,State,Zip:	NEW YORK CITY, NY
Spill Number/Closed Date:	8908808 / 2013-01-25
Facility ID:	8908808
Site ID:	167356
Spill Date:	1989-12-06
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	A3
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	HRPATEL
Referred To:	Not reported
Reported to Dept:	1989-12-06
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1990-01-24
Spill Record Last Update:	2013-01-25
Spiller Name:	Not reported
Spiller Company:	AMERICAN BADARIES
Spiller Address:	131-33 AVERY AVENUE
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	141005
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was ROMMEL C TRANSFERED FROM TOMASELLO TO TIBBE ON 5/17/01. TRANSFERRED FROM TIBBE TO ROMMEL 04/12/04 12/11/12- Zhune called Tom Gallagher- Employee of Home Depot. Title Senior Real State Manager I could not get him. Left message. Home Depot 410-804-5043 12/13/12- Tom called back. He said he is going to call the Corporate office to find out who I have to call. 12/19/12- Tom called. He said the name of the store is 1214 Flushing NY. Debbie Straw from legal Department has to go into Archive to open the file for this store. She will need couple

131-33 AVERY AVE/QUEENS (Continued) **S100145743**

of weeks to get the file. he asked me to give her a call after new year by January 7, 2013. She have to do research in the file to see how can help with this. Debbie Straw 770-384-3364 debbie_straw@homedepot.com 12/27/12-Hiralkumar Patel. after discussing with DEC Austin, case transferred from DEC Zhune to DEC Patel due to on-going investigation at adjacent property located at 41-06 Delong Street (spill #: 9214470). DEC Zhune spoke with Mr. Gallagher at Home Depot regarding spill cleanup documents for 131-33 Avery Ave. she was referred to Debbie Straw in home depot legal department. Ms. Straw is out of office until 01/07/13. DEC Zhune will contact Ms. Straw. Debbie Straw Ph. (770) 384-3364 email: debbie_straw@homedepot.com 01/11/13-Hiralkumar Patel. 9:58 AM:- left message for Ms. Straw at Home Depot. 4:35 PM:- received call from Ms. Straw. she does not know anything about open spill case at Home Depot property. she will contact Clinton Cole, their environmental council who might have copy of all environmetal documents for the site. Clinton Taw Cole Hartman, Simons & Wood LLP. environmental council Ph. (770) 303-8450 Fax (770) 933-7310 email: clinton.cole@hartmansimons.com 01/15/13-Hiralkumar Patel. 1:49 PM:- received call from Mr. Cole, council for Home Depot. asked him to submit all available documents related to environmental work done on Home Depot property. 2:05 PM:- sent email to Mr. Cole and asked for copies of all environmental documents for home depot property. 01/18/13-Hiralkumar Patel. 10:37 AM:- spoke with Mr. Cole regarding environmental documents. he has some documents and waiting for other older documents. asked him to submit whatever he has for review and rest, once available. Mr. Cole will submit available documents today. 01/22/13-Hiralkumar Patel. received email from Mr. Cole (at 7:46 PM on 01/18/13) including reports for Home Depot property. 01/24/13-Hiralkumar Patel. 11:12 AM:- received email from Mr. Cole including additional report. 01/25/13-Hiralkumar Patel. reviewed reports sent by Mr. Cole.
- 1) 04/24/1995: Report of Soil Sampling Related to UST Removal: - Home Depot purchased the former Taystee Baking facility <--------- - removed six USTs (PBS #: 2-335894) from two areas <-------- - Area 1 included four 4,000 gal USTs that were located outside the vehicle maintenance shop in the norther portion of the site <--------- - three 4,000 gal tanks were in use with two containing diesel and one gaoline - the fourth gasoline tank which reportedly failed a tightness test in 1990 was subsequently closed in place and filled with concrete - two fuel diespensers were also located in this area 1 - Area 2 included two 30,000 gal #6 fuel oil (product type as per tank removal affidavit from ABC Tank) USTs that were located in the basement level of the building, in the south-central portion of the site <--------- - each 30,000 tanks were accessible by first floor manholes in the storage room on the south side of the building - Breeze Demolition removed three USTs from Area 1 from the pit at the fuel island prior to LAW's site visit on 09/22/1994 <-------- - diesel/gasoline USTs were located on concrete slab - excavation in Area 1 was 45 ft by 45 ft by 14 ft deep <------- apparent groundwater was observed at the bottom of the excavation in Area 1 <------ - an abandoned monitoring well MW-1 was exposed and removed from the west wall and a catch basin and some associated piping were removed at teh south end of the east wall - at the end of excavation, found PID readings of 28 ppm in pit bottom, 83 ppm in north sidewall and 117 ppm in east sidewall - five composite soil

131-33 AVERY AVE/QUEENS (Continued) **S100145743**

samples (CSE, CSW, CSS, CSN and CSB), representing each of the walls and bottom of the excavation were collected - the groundwater encountered within the excavation had a hydrocarbon sheen, but no free product was observed - monitoring well MW-1 which had been previously installed near the former fuel island USTs and used for an earlier round of assessment at the site did not exhibit free product during its monitoring period in 1993, prior to tank removal <-------- - excavation in Area 2 was 35 ft wide by 50 ft long and 15 ft deep <-------- - three soil samples (FO-1, FO-2 and FO-3)) were obtained from Area 2: FO-1 was composite sample from northwest wall at tank bottom level, FO-2 was composite sample from the bottom of the southeast wall and FO-3 was a grab sample from the southeast corner that appeared to be hydrocarbon stained (6 ppm on PID) - endpoint samples were analyzed via TCLP methods - no contamination noted in endpoint samples from Area 1 or Area 2 2) 05/16/1997: Response to DEC letter dated 05/07/1997: - information from report dated 06/04/1993, prepared by Law Engineering and Environmental Services (this report is not available for review) - limited contamination assessment included installation of 22 soil borings, six of which were convereted to groundwater monitoring wells (B-1, B-2, B-3/MW-1, B-4, B-5, B-6, B-10/MW-3, B-22/MW-5, B-101/MW-6, B-102, B-103/MW-7, B-104/MW-8, B-11, B-12, B-13, B-14, B-15, B-16, B-17, MW-13, HA-1 and HA-2) - nine soil borings (B-1, B-2, B-3/MW-1, B-4, B-5, B-6, B-101/MW-6, B-102 and B-103/MW-7) in the vicinity of the UST, three of which were converted to wells - eight soil borings (B-11, B-12, B-13, B-14, B-15, B-16, B-17 and B-104/MW-8) in the vicinity of the two 30,000 gal #6 USTs, one of which was converted to well - soil borings were drilled to depths of 2.5 to 25 ft - soil encountered on-site consisted of sand, silt and clay fills to a general depth of 8 to 10 ft and virgin sandy soils from 10 to 25 ft <---------- - soil samples were scanned with a flame ionization detector (FID) - no FID readings noted in borings B-1, B-10/MW-3, B-22/MW-5, B-101/MW-6, B-11, B-12 and B-13 - less then 4 ppm recorded on FID in borings B-4, B-5, B-6, B-104/MW-8, B-14, B-15, B-16, B-17 and MW-13 - found higher FID readings in three borings: 990 ppm at 15 ft in B-2 (0.6 ppm at 20 ft in B-2), more than 1,000 ppm at 10 ft in B-2/MW-1 (2.4 ppm at 15 ft and ND at 20 ft in B-3) and 50 ppm at 5 ft in B-103/MW-7 (25 ppm at 10 ft and ND at 15 ft in B-103) - collected total 18 soil samples: one each from borings B-1, B-2, B-3/MW-1, B-4, B-5, B-6, B-101/MW-6, B-102, B-103/MW-7, B-104/MW-8, B-11, B-12, B-14, B-15, B-16, B-17, B-22/MW-5 and MW-13 - samples from B-1, B-2, B-3/MW-1, B-4, B-5, B-6, B-101/MW-6, B-102 and B-103/MW-7 were analyzed for TPH and BTEX <---------- - samples from B-104/MW-8, B-11, B-12, B-14, B-15, B-16, B-17, B-22/MW-5 and MW-13 were analyzed for TPH only - 2 inch wells installed in borings with 15 ft of screen (as per boring/well logs) - well installed to 20 ft at B-3/MW-1, to 25 ft at B-22/MW-5, to 25 ft at B-101/MW-6, to 25 ft at B-103/MW-7, to 24 ft at M-104/MW-8, to 19.5 ft at MW-13 (report is missing logs for boring B-10/MW-3) <---------- - collected groundwater samples from MW-1, MW-3, MW-5, MW-6, MW-7, MW-8 and MW-13 - found 22 ppb of Benzene and 13 ppb of Xylene in groundwater sample from well MW-1 only - no contmaination in groundwater samples from other wells - groundwater found between 13.58 and 18.88 ft bg <---------- - groundwater flow on-site is interpreted to be generally toward the west or southwest <---------- - groundwater elevations are below mean sea level, this could be result of groundwater pumping in area <---------- 3) 06/29/1999: Groundwater Investigation: - this groundwater study was

131-33 AVERY AVE/QUEENS (Continued) **S100145743**

performed in accordance with a work plan approved by DEC dated 01/19/99 - the overall purpose of this groundwater study was to identify the likely source of the groundwater contamination on the north-adjacent property (41-06 Delong Street); specifically, due to presence of floating product in well MW-102 on adjacent property - installed three 2-inch wells (MW-1A, MW-2A and MW-3A) - well MW-1A and MW-2A were installed to 28 ft bg and well MW-3A was installed to 27 ft bg - all three wells installed with 10 ft of screen - well MW-1A corresponds approx. to the former location of four 4,000 gal diesel/gasoline USTs - well MW-2A was placed as close as possible to the north-adjacent property well MW-102 - well MW-3A was installed at the northwest end of the site - no evidence of floating free product was observed in any wells on Home Depot property - found product in well MW-102 on north-adjacent property - found only MTBE (max. 12 ppb in MW-1A) - no other VOCs or SVOCs found in groundwater samples from wells on Home Depot property - all wells on Home Depot site and wells MW-102, FW-2, FW-3, FW-4 and MW-100 on the north-adjacent property were surveyed to the same benchmark - direction of groundwater flow is to the south - groundwater elevations of all wells were well below sea level probably because of de-watering that has occurred less than 1,000 ft to the south of Home Depot property - as per permit record, NYC DEP was constructing a combined sewer overflow holding and treatment system and DEP was allowd to pump 950,000 gal of groundwater per day <------- - based upon surface topography and groundwater contour map, the expected direction of groundwater flow would be to the west, towards Flushgin Creek <----------
--*-

131-33 AVERY AVE/QUEENS (Continued) **S100145743**

All Materials:

Site ID:	167356
Operable Unit ID:	936072
Operable Unit:	01
Material ID:	441997
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	L
Recovered:	.00
Oxygenate:	Not reported

K100 **AVERY GROUP LLC & WILSON REALTY MANAGEMENT LLC** **RCRA-LQG** **1024090898**
NW **131-10 AVERY AVE** **FINDS** **NYR000234716**
1/8-1/4 **FLUSHING, NY 11355**
0.215 mi.
1136 ft. **Site 8 of 9 in cluster K**

Relative:
Lower

Actual:
16 ft.

RCRA-LQG:

Date form received by agency:	2017-12-06 00:00:00.0
Facility name:	AVERY GROUP LLC & WILSON REALTY MANAGEMENT LLC
Facility address:	131-10 AVERY AVE FLUSHING, NY 11355
EPA ID:	NYR000234716
Mailing address:	PO BOX 815 PLANDOME, NY 11030
Contact:	CHRISTOPHER TAO
Contact address:	PO BOX 815 PLANDOME, NY 11030
Contact country:	US
Contact telephone:	516-698-6717
Contact email:	CTAO08@GMAIL.COM
EPA Region:	02
Classification:	Large Quantity Generator
Description:	Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name:	PAUL TAO & ZHENG CHEN - AVERY GROUP LLC
Owner/operator address:	131-18 & 131-24 TO 131-32 AVERY AVE FLUSHING, NY 11355
Owner/operator country:	US
Owner/operator telephone:	516-698-6717
Owner/operator email:	CTAO08@GMAIL.COM

AVERY GROUP LLC & WILSON REALTY MANAGEMENT LLC (Continued) **1024090898**

Owner/operator fax: 516-365-3306
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 2013-10-10 00:00:00.
Owner/Op end date: Not reported

Owner/operator name: WILSON REALTY MANAGEMENT
Owner/operator address: AVERY AVE
FLUSHING, NY 11355
Owner/operator country: US
Owner/operator telephone: 516-698-6717
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 2013-10-10 00:00:00.
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Hazardous Waste Summary:

. Waste code: B007
. Waste name: Other PCB wastes, including contaminated soil, solids, sludges, clothing, rags and dredge material.

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040
. Waste name: TRICHLORETHYLENE

Violation Status: No violations found

FINDS:
Registry ID: 110070205818

Click Here:

Environmental Interest/Information System:

AVERY GROUP LLC & WILSON REALTY MANAGEMENT LLC (Continued) **1024090898**

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

K101 **AVERY GROUP LLC & WILSON REALTY MANAGEMENT LLC** **NY MANIFEST** **S122483113**
NW **131-10 AVERY AVE** **N/A**
1/8-1/4 **FLUSHING, NY 11355**
0.215 mi.
1136 ft. **Site 9 of 9 in cluster K**

Relative: **Lower**

Actual: **16 ft.**

NY MANIFEST:

Name:	AVERY GROUP LLC & WILSON REALTY MANAGEMENT LLC
Address:	131-10 AVERY AVE
City,State,Zip:	FLUSHING, NY 11355
Country:	USA
EPA ID:	NYR000234716
Facility Status:	Not reported
Location Address 1:	131-10 AVERY AVE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	FLUSHING
Location State:	NY
Location Zip:	11355
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYR000234716
Mailing Name:	AVERY GROUP LLC & WILSON REALTY MANAGEMENT LLC
Mailing Contact:	AVERY GROUP LLC & WILSON REALTY MANAGEMENT LLC
Mailing Address 1:	P O BOX 815
Mailing Address 2:	Not reported
Mailing City:	PLANDOME
Mailing State:	NY
Mailing Zip:	11030
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	NYD986969947
Trans2 State ID:	Not reported
Generator Ship Date:	05/21/2018
Trans1 Recv Date:	05/21/2018
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	05/22/2018
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000234716

AVERY GROUP LLC & WILSON REALTY MANAGEMENT LLC (Continued) **S122483113**

Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	MID048090633
TSDF ID 2:	Not reported
Manifest Tracking Number:	018810125JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	21490
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	1
Container Type:	DT - Dump trucks
Handling Method:	L Landfill.
Specific Gravity:	1
Waste Code:	Not reported
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	B007
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

P102 **CON EDISON** **NY MANIFEST** **S117316789**
North **F/O 132-18 MAPLE AVE** **N/A**
1/8-1/4 **QUEENS, NY 11355**
0.216 mi.
1139 ft. **Site 1 of 10 in cluster P**

Relative: **Higher**

Actual: **39 ft.**

NY MANIFEST:

Name:	CON EDISON
Address:	F/O 132-18 MAPLE AVE
City,State,Zip:	QUEENS, NY 11355
Country:	USA
EPA ID:	NYP004640793
Facility Status:	Not reported
Location Address 1:	F/O 132-18 MAPLE AVE
Code:	BP
Location Address 2:	SB 19267
Total Tanks:	Not reported
Location City:	QUEENS
Location State:	NY
Location Zip:	11355
Location Zip 4:	Not reported

CON EDISON (Continued) **S117316789**

NY MANIFEST:

EPAID:	NYP004640793
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address 1:	4 IRVING PLACE - 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2014
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	08/27/2014
Trans1 Recv Date:	08/27/2014
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	09/02/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004640793
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	012775381JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	50
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008

CON EDISON (Continued) **S117316789**

Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Q103 **CON EDISON - SERVICE BOX 4176** **NY MANIFEST** **S123692586**
ESE **56-45 MAIN ST** **N/A**
1/8-1/4 **FLUSHING, NY 11355**
0.220 mi.
1162 ft. **Site 1 of 6 in cluster Q**

Relative:
Higher

Actual:
66 ft.

NY MANIFEST:

Name:	CON EDISON - SERVICE BOX 4176
Address:	56-45 MAIN ST
City,State,Zip:	FLUSHING, NY 11355
Country:	USA
EPA ID:	NYP005224407
Facility Status:	Not reported
Location Address 1:	56-45 MAIN ST
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	FLUSHING
Location State:	NY
Location Zip:	11355
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP005224407
Mailing Name:	CON EDISON - SERVICE BOX 4176
Mailing Contact:	ANNAMARIE MOYLAN
Mailing Address 1:	4 IRVING PLACE 15TH FL NE
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124602278

Q104 **V7476** **RCRA NonGen / NLR** **1007207058**
ESE **56-45 MAIN STREET** **NY MANIFEST** **NYP004036695**
1/8-1/4 **NEW YORK CITY, NY 11355**
0.220 mi.
1162 ft. **Site 2 of 6 in cluster Q**

Relative:
Higher

Actual:
66 ft.

RCRA NonGen / NLR:

Date form received by agency:	2001-01-03 00:00:00.0
Facility name:	V7476
Facility address:	56-45 MAIN STREET NEW YORK CITY, NY 11355
EPA ID:	NYP004036695
Mailing address:	CONSOLIDATED EDISON INC. 4 IRVING PLACE -- ROOM 300

V7476 (Continued) **1007207058**

NEW YORK, NY 10003
Contact: ANTHONY DRUMMINGS
Contact address: CONSOLIDATED EDISON INC.
NEW YORK, NY 10003
Contact country: US
Contact telephone: 212-460-3770
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2001-01-02 00:00:00.0
Site name: V7476
Classification: Not a generator, verified

Date form received by agency: 2001-01-01 00:00:00.0
Site name: V7476
Classification: Large Quantity Generator

Violation Status: No violations found

NY MANIFEST:
Name: CONSOLIDATED EDISON
Address: 56-45 MAIN STREET
City,State,Zip: NEW YORK CITY, NY 11355
Country: USA
EPA ID: NYP004036695
Facility Status: Not reported
Location Address 1: V7476-MAIN ST/BOOTH MEMORIAL
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: QUEENS
Location State: NY
Location Zip: Not reported
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004036695

V7476 (Continued) **1007207058**

Mailing Name:	CONSOLIDATED EDISON
Mailing Contact:	FRANKLIN MURRAY
Mailing Address 1:	4 IRVING PLACE RM 828
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124602808

NY MANIFEST:

Document ID:	NYE0216156
Manifest Status:	Not reported
seq:	01
Year:	1999
Trans1 State ID:	20856AD
Trans2 State ID:	Not reported
Generator Ship Date:	04/30/1999
Trans1 Recv Date:	04/30/1999
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	05/03/1999
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004036695
Trans1 EPA ID:	NYD006982359
Trans2 EPA ID:	Not reported
TSDF ID 1:	NYD980593636
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	B002 - PETROLEUM OIL WITH 50 BUT < 500 PPM PCB
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	01545
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	001
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00

Q105
ESE
1/8-1/4
0.220 mi.
1162 ft.

NEW YORK HOSPITAL MED CEN
56-45 MAIN ST
FLUSHING, NY

Site 3 of 6 in cluster Q

NY LTANKS **S103559087**
N/A

Relative:
Higher

Actual:
66 ft.

LTANKS:

Name:	NEW YORK HOSPITAL MED CEN
Address:	56-45 MAIN ST
City,State,Zip:	FLUSHING, NY
Spill Number/Closed Date:	9812447 / 2000-01-18
Facility ID:	9812447
Site ID:	227601
Spill Date:	1999-01-07
Spill Cause:	Tank Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	SIGONA
Referred To:	Not reported
Reported to Dept:	1999-01-08
CID:	322
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1999-01-08
Spill Record Last Update:	2000-01-18
Spiller Name:	CRAIG ZEGLER
Spiller Company:	NEW YORK HOSPITAL MED CEN
Spiller Address:	56-45 MAIN ST
Spiller County:	001
Spiller Contact:	CRAIG ZEGLER
Spiller Phone:	(718) 670-1867
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	187844
DEC Memo:	""
Remarks:	"During tank removal contaminated soil found - tank was leaking "

All Materials:

Site ID:	227601
Operable Unit ID:	1069710
Operable Unit:	01
Material ID:	312728
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Q106 **NEW YORK HOSPITAL QUEENS** **RCRA-LQG** **1000406211**
ESE **56-45 MAIN ST** **US AIRS** **NYD072744592**
1/8-1/4 **FLUSHING, NY 11355** **NY MANIFEST**
0.220 mi. **NJ MANIFEST**
1162 ft. **Site 4 of 6 in cluster Q**

Relative: Higher

Actual: 66 ft.

RCRA-LQG:

Date form received by agency:	2018-03-01 00:00:00.0
Facility name:	NEW YORK HOSPITAL QUEENS
Facility address:	56-45 MAIN ST FLUSHING, NY 11355
EPA ID:	NYD072744592
Mailing address:	MAIN ST FLUSHING, NY 11355
Contact:	KENNETH BANG
Contact address:	MAIN ST FLUSHING, NY 11355
Contact country:	US
Contact telephone:	718-670-1037
Contact email:	KEB9058@NYP.ORG
EPA Region:	02
Land type:	Private
Classification:	Large Quantity Generator
Description:	Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name:	SOCIETY OF NY PRESBYTERIAN HOSPITAL
Owner/operator address:	EAST 68TH STREET NEW YORK, NY 10021
Owner/operator country:	US
Owner/operator telephone:	718-670-1037
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	1932-07-01 00:00:00.
Owner/Op end date:	Not reported

Owner/operator name:	PRESBYTERIAN HOSPITAL
Owner/operator address:	EAST 68TH STREET NEW YORK, NY 10021
Owner/operator country:	US
Owner/operator telephone:	718-670-1037
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private

NEW YORK HOSPITAL QUEENS (Continued) **1000406211**

Owner/Operator Type: Operator
Owner/Op start date: 1932-07-01 00:00:00.
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2016-03-02 00:00:00.0
Site name: NEW YORK HOSPITAL QUEENS
Classification: Large Quantity Generator

Date form received by agency: 2015-09-01 00:00:00.0
Site name: NEW YORK-PRESBYTERIAN/QUEENS
Classification: Large Quantity Generator

Date form received by agency: 2014-02-18 00:00:00.0
Site name: NEW YORK HOSPITAL QUEENS
Classification: Large Quantity Generator

Date form received by agency: 2010-06-09 00:00:00.0
Site name: NEW YORK HOSPITAL MEDICAL CENTER
Classification: Large Quantity Generator

Date form received by agency: 2007-01-01 00:00:00.0
Site name: BOOTH MEMORIAL MEDICAL CTR
Classification: Small Quantity Generator

Date form received by agency: 2006-01-01 00:00:00.0
Site name: BOOTH MEMORIAL MEDICAL CTR
Classification: Small Quantity Generator

Date form received by agency: 1999-07-08 00:00:00.0
Site name: BOOTH MEMORIAL MEDICAL CTR
Classification: Not a generator, verified

Date form received by agency: 1989-10-16 00:00:00.0
Site name: BOOTH MEMORIAL MEDICAL CTR
Classification: Small Quantity Generator

Hazardous Waste Summary:

NEW YORK HOSPITAL QUEENS (Continued) **1000406211**

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D005
. Waste name: BARIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D009
. Waste name: MERCURY

. Waste code: D010
. Waste name: SELENIUM

. Waste code: D011
. Waste name: SILVER

. Waste code: D022
. Waste name: CHLOROFORM

. Waste code: D024
. Waste name: M-CRESOL

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: LABP
. Waste name: LAB PACK

. Waste code: P001
. Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

. Waste code: P012
. Waste name: ARSENIC OXIDE AS2O3 (OR) ARSENIC TRIOXIDE

. Waste code: P042
. Waste name: 1,2-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)- (OR) EPINEPHRINE

NEW YORK HOSPITAL QUEENS (Continued) **1000406211**

. Waste code: P075
. Waste name: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

. Waste code: U010
. Waste name: AZIRINO [2',3':3,4]PYRROLO[1,2-A]INDOLE-4,7-DIONE, 6-AMINO-8-[[(AMINOCARBONYL)OXY]METHYL]-1,1A,2,8,8A,8B-HEXAHYDRO-8A-METHOXY-5-METHYL-, [1AS-(1AALPHA, 8BETA, 8AALPHA, 8BALPHA)]- (OR) MITOMYCIN C

. Waste code: U035
. Waste name: BENZENEBUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL

. Waste code: U038
. Waste name: BENZENEACETIC ACID, 4-CHLORO-ALPHA-(4-CHLOROPHENYL)-ALPHA-HYDROXY-, ETHYL ESTER (OR) CHLOROBENZILATE

. Waste code: U058
. Waste name: 2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE

. Waste code: U059
. Waste name: 5,12-NAPHTHACENEDIONE, 8-ACETYL-10-[(3-AMINO-2,3,6-TRIDEOXY)-ALPHA-L-LYXO-HEXOPYRANOSYL)OXY]-7,8,9,10-TETRAHYDRO-6,8,11-TRIHYDROXY-1-METHOXY-, (8S-CIS)- (OR) DAUNOMYCIN

. Waste code: U122
. Waste name: FORMALDEHYDE

. Waste code: U150
. Waste name: L-PHENYLALANINE, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) MELPHALAN

. Waste code: U206
. Waste name: D-GLUCOSE, 2-DEOXY-2-[[(METHYLNITROSOAMINO)-CARBONYL]AMINO]- (OR) GLUCOPYRANOSE, 2-DEOXY-2-(3-METHYL-3-NITROSOUREIDO)-,D- (OR) STREPTOZOTOCIN

. Waste code: U237
. Waste name: 2,4-(1H,3H)-PYRIMIDINEDIONE, 5-[BIS(2-CHLOROETHYL)AMINO]- (OR) URACIL MUSTARD

Biennial Reports:

Last Biennial Reporting Year: 2017

Annual Waste Handled:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
Amount (Lbs): 14876.8

Waste code: D002

NEW YORK HOSPITAL QUEENS (Continued) **1000406211**

Waste name:	A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
Amount (Lbs):	1050
Waste code:	D004
Waste name:	ARSENIC
Amount (Lbs):	1050
Waste code:	D007
Waste name:	CHROMIUM
Amount (Lbs):	14.8
Waste code:	D009
Waste name:	MERCURY
Amount (Lbs):	14.8
Waste code:	D010
Waste name:	SELENIUM
Amount (Lbs):	14.8
Waste code:	D011
Waste name:	SILVER
Amount (Lbs):	14.8
Waste code:	D022
Waste name:	CHLOROFORM
Amount (Lbs):	14.8
Waste code:	D024
Waste name:	M-CRESOL
Amount (Lbs):	14.8
Waste code:	F003
Waste name:	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs):	14852
Waste code:	P001
Waste name:	2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%
Amount (Lbs):	14.8
Waste code:	P012
Waste name:	ARSENIC OXIDE AS2O3

NEW YORK HOSPITAL QUEENS (Continued) **1000406211**

Amount (Lbs): 1050

Waste code: P075
Waste name: NICOTINE, & SALTS
Amount (Lbs): 14.8

Waste code: U010
Waste name: AZIRINO[2',3':3,4]PYRROLO[1,2-A]INDOLE-4,7-DIONE, 6-AMINO-8-[[(AMINOCARBONYL)OXY]METHYL]-1,1A,2,8,8A,8B-HEXAHYDRO-8A-METHOXY-5-METHYL-, [1AS-(1AALPHA, 8BETA,8AALPHA,8BALPHA)]-
Amount (Lbs): 1064.8

Waste code: U035
Waste name: BENZENEBUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]-
Amount (Lbs): 1050

Waste code: U038
Waste name: BENZENEACETIC ACID, 4-CHLORO-ALPHA-(4-CHLOROPHENYL)-ALPHA-HYDROXY-, ETHYL ESTER
Amount (Lbs): 1050

Waste code: U059
Waste name: DAUNOMYCIN
Amount (Lbs): 1050

Waste code: U150
Waste name: MELPHALAN
Amount (Lbs): 1050

Waste code: U206
Waste name: GLUCOPYRANOSE, 2-DEOXY-2-(3-METHYL-3-NITROSOUREIDO)-, D-
Amount (Lbs): 1050

Waste code: U237
Waste name: 2,4-(1H,3H)-PYRIMIDINEDIONE, 5-[BIS(2-CHLOROETHYL)AMINO]-
Amount (Lbs): 1050

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: State Statute or Regulation
Date violation determined: 2016-08-10 00:00:00.0
Date achieved compliance: 2016-08-11 00:00:00.0
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 2017-08-01 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 14650
Paid penalty amount: 14650

Regulation violated: Not reported
Area of violation: TSD IS-Contingency Plan and Emergency Procedures
Date violation determined: 2016-08-10 00:00:00.0

NEW YORK HOSPITAL QUEENS (Continued) **1000406211**

Date achieved compliance: 2016-08-11 00:00:00.0
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 2017-08-01 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 14650
Paid penalty amount: 14650

Regulation violated: Not reported
Area of violation: TSD IS-Preparedness and Prevention
Date violation determined: 2016-08-10 00:00:00.0
Date achieved compliance: 2016-08-11 00:00:00.0
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 2017-08-01 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 14650
Paid penalty amount: 14650

Regulation violated: Not reported
Area of violation: TSD IS-Contingency Plan and Emergency Procedures
Date violation determined: 2016-08-10 00:00:00.0
Date achieved compliance: 2016-08-11 00:00:00.0
Violation lead agency: State
Enforcement action: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
Enforcement action date: 2016-09-09 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Universal Waste - Small Quantity Handlers
Date violation determined: 2016-08-10 00:00:00.0
Date achieved compliance: 2016-08-11 00:00:00.0
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 2017-06-23 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 16650
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 2016-08-10 00:00:00.0
Date achieved compliance: 2016-08-11 00:00:00.0

NEW YORK HOSPITAL QUEENS (Continued) **1000406211**

Violation lead agency: State
Enforcement action: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
Enforcement action date: 2016-09-09 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD IS-Closure/Post-Closure
Date violation determined: 2016-08-10 00:00:00.0
Date achieved compliance: 2016-08-18 00:00:00.0
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 2017-08-01 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 14650
Paid penalty amount: 14650

Regulation violated: Not reported
Area of violation: TSD IS-Closure/Post-Closure
Date violation determined: 2016-08-10 00:00:00.0
Date achieved compliance: 2016-08-18 00:00:00.0
Violation lead agency: State
Enforcement action: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
Enforcement action date: 2016-09-09 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD IS-Contingency Plan and Emergency Procedures
Date violation determined: 2016-08-10 00:00:00.0
Date achieved compliance: 2016-08-11 00:00:00.0
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 2017-06-23 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 16650
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD IS-Preparedness and Prevention
Date violation determined: 2016-08-10 00:00:00.0
Date achieved compliance: 2016-08-11 00:00:00.0
Violation lead agency: State

NEW YORK HOSPITAL QUEENS (Continued) **1000406211**

Enforcement action: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
Enforcement action date: 2016-09-09 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Used Oil - Generators
Date violation determined: 2016-08-10 00:00:00.0
Date achieved compliance: 2016-08-11 00:00:00.0
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 2017-06-23 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 16650
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 2016-08-10 00:00:00.0
Date achieved compliance: 2016-08-11 00:00:00.0
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 2017-06-23 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 16650
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD IS-General Facility Standards
Date violation determined: 2016-08-10 00:00:00.0
Date achieved compliance: 2016-08-11 00:00:00.0
Violation lead agency: State
Enforcement action: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
Enforcement action date: 2016-09-09 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 2016-08-10 00:00:00.0
Date achieved compliance: 2016-08-11 00:00:00.0
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER

NEW YORK HOSPITAL QUEENS (Continued) **1000406211**

Enforcement action date: 2017-08-01 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 14650
Paid penalty amount: 14650

Regulation violated: Not reported
Area of violation: Used Oil - Generators
Date violation determined: 2016-08-10 00:00:00.0
Date achieved compliance: 2016-08-11 00:00:00.0
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 2017-08-01 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 14650
Paid penalty amount: 14650

Regulation violated: Not reported
Area of violation: TSD IS-Preparedness and Prevention
Date violation determined: 2016-08-10 00:00:00.0
Date achieved compliance: 2016-08-11 00:00:00.0
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 2017-06-23 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 16650
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD IS-General Facility Standards
Date violation determined: 2016-08-10 00:00:00.0
Date achieved compliance: 2016-08-11 00:00:00.0
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 2017-08-01 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 14650
Paid penalty amount: 14650

Regulation violated: Not reported
Area of violation: State Statute or Regulation
Date violation determined: 2016-08-10 00:00:00.0
Date achieved compliance: 2016-08-11 00:00:00.0
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 2017-06-23 00:00:00.0

NEW YORK HOSPITAL QUEENS (Continued) **1000406211**

Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 16650
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD IS-General Facility Standards
Date violation determined: 2016-08-10 00:00:00.0
Date achieved compliance: 2016-08-11 00:00:00.0
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 2017-06-23 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 16650
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: State Statute or Regulation
Date violation determined: 2016-08-10 00:00:00.0
Date achieved compliance: 2016-08-11 00:00:00.0
Violation lead agency: State
Enforcement action: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
Enforcement action date: 2016-09-09 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Universal Waste - Small Quantity Handlers
Date violation determined: 2016-08-10 00:00:00.0
Date achieved compliance: 2016-08-11 00:00:00.0
Violation lead agency: State
Enforcement action: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
Enforcement action date: 2016-09-09 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Used Oil - Generators
Date violation determined: 2016-08-10 00:00:00.0
Date achieved compliance: 2016-08-11 00:00:00.0
Violation lead agency: State
Enforcement action: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
Enforcement action date: 2016-09-09 00:00:00.0
Enf. disposition status: Not reported

NEW YORK HOSPITAL QUEENS (Continued) **1000406211**

Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD IS-Closure/Post-Closure
Date violation determined: 2016-08-10 00:00:00.0
Date achieved compliance: 2016-08-18 00:00:00.0
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 2017-06-23 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 16650
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Universal Waste - Small Quantity Handlers
Date violation determined: 2016-08-10 00:00:00.0
Date achieved compliance: 2016-08-11 00:00:00.0
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 2017-08-01 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 14650
Paid penalty amount: 14650

Regulation violated: Not reported
Area of violation: Universal Waste - Small Quantity Handlers
Date violation determined: 2012-01-03 00:00:00.0
Date achieved compliance: 2012-09-07 00:00:00.0
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 2012-06-07 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 2012-01-03 00:00:00.0
Date achieved compliance: 2012-09-07 00:00:00.0
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 2012-08-13 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

NEW YORK HOSPITAL QUEENS (Continued) **1000406211**

Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 2012-01-03 00:00:00.0
Date achieved compliance: 2012-09-07 00:00:00.0
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 2012-06-07 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Universal Waste - Small Quantity Handlers
Date violation determined: 2012-01-03 00:00:00.0
Date achieved compliance: 2012-09-07 00:00:00.0
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 2012-08-13 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 1992-06-17 00:00:00.0
Date achieved compliance: 1992-09-09 00:00:00.0
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 1992-06-17 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 2017-08-01 00:00:00.0
Evaluation: NOT A SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 2016-09-09 00:00:00.0
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Not reported

NEW YORK HOSPITAL QUEENS (Continued) **1000406211**

Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 2016-08-10 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD IS-General Facility Standards
Date achieved compliance: 2016-08-11 00:00:00.0
Evaluation lead agency: State

Evaluation date: 2016-08-10 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD IS-Contingency Plan and Emergency Procedures
Date achieved compliance: 2016-08-11 00:00:00.0
Evaluation lead agency: State

Evaluation date: 2016-08-10 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: State Statute or Regulation
Date achieved compliance: 2016-08-11 00:00:00.0
Evaluation lead agency: State

Evaluation date: 2016-08-10 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 2016-08-11 00:00:00.0
Evaluation lead agency: State

Evaluation date: 2016-08-10 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Used Oil - Generators
Date achieved compliance: 2016-08-11 00:00:00.0
Evaluation lead agency: State

Evaluation date: 2016-08-10 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD IS-Preparedness and Prevention
Date achieved compliance: 2016-08-11 00:00:00.0
Evaluation lead agency: State

Evaluation date: 2016-08-10 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD IS-Closure/Post-Closure
Date achieved compliance: 2016-08-18 00:00:00.0
Evaluation lead agency: State

Evaluation date: 2016-08-10 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Universal Waste - Small Quantity Handlers
Date achieved compliance: 2016-08-11 00:00:00.0
Evaluation lead agency: State

Evaluation date: 2012-01-03 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Universal Waste - Small Quantity Handlers
Date achieved compliance: 2012-09-07 00:00:00.0
Evaluation lead agency: EPA

NEW YORK HOSPITAL QUEENS (Continued) **1000406211**

Evaluation date: 2012-01-03 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 2012-09-07 00:00:00.0
Evaluation lead agency: EPA

Evaluation date: 1992-05-28 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 1992-09-09 00:00:00.0
Evaluation lead agency: State

US AIRS (AFS):
Envid: 1000406211
Region Code: 02
County Code: NY081
Programmatic ID: AIR NY0000002630600064
Facility Registry ID: 110001603729
D and B Number: Not reported
Facility Site Name: NEW YORK HOSPITAL MEDICAL CTR OF QUEENS
Primary SIC Code: 8062
NAICS Code: 622110
Default Air Classification Code: SMI
Facility Type of Ownership Code: Not reported
Air CMS Category Code: SMI
HPV Status: Not reported

US AIRS (AFS):
Region Code: 02
Programmatic ID: AIR NY0000002630600064
Facility Registry ID: 110001603729
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: 40 CFR Part 63 Area Sources
Activity Date: 2003-05-23 00:00:00
Activity Status Date: 2016-05-02 13:29:21
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 02
Programmatic ID: AIR NY0000002630600064
Facility Registry ID: 110001603729
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: 40 CFR Part 63 Area Sources
Activity Date: 2014-01-28 00:00:00
Activity Status Date: 2016-05-02 13:29:27
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 02
Programmatic ID: AIR NY0000002630600064
Facility Registry ID: 110001603729
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: 40 CFR Part 63 Area Sources

NEW YORK HOSPITAL QUEENS (Continued) **1000406211**

Activity Date: 2015-02-11 00:00:00
Activity Status Date: 2016-05-02 13:29:27
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 02
Programmatic ID: AIR NY0000002630600064
Facility Registry ID: 110001603729
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: 40 CFR Part 63 Area Sources
Activity Date: 2015-03-04 00:00:00
Activity Status Date: 2016-05-02 13:29:27
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 02
Programmatic ID: AIR NY0000002630600064
Facility Registry ID: 110001603729
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: 40 CFR Part 63 Area Sources
Activity Date: 2015-05-13 00:00:00
Activity Status Date: 2016-05-02 13:29:21
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 02
Programmatic ID: AIR NY0000002630600064
Facility Registry ID: 110001603729
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: 40 CFR Part 63 Area Sources
Activity Date: 2016-04-01 00:00:00
Activity Status Date: 2016-06-09 07:01:31
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 02
Programmatic ID: AIR NY0000002630600064
Facility Registry ID: 110001603729
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: 40 CFR Part 63 Area Sources
Activity Date: 1999-12-07 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002630600064
Facility Registry ID: 110001603729

NEW YORK HOSPITAL QUEENS (Continued) **1000406211**

Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: 40 CFR Part 63 Area Sources
Activity Date: 2005-08-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002630600064
Facility Registry ID: 110001603729
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: 40 CFR Part 63 Area Sources
Activity Date: 2005-08-31 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002630600064
Facility Registry ID: 110001603729
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: 40 CFR Part 63 Area Sources
Activity Date: 2005-09-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002630600064
Facility Registry ID: 110001603729
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: 40 CFR Part 63 Area Sources
Activity Date: 2005-10-24 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002630600064
Facility Registry ID: 110001603729
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: 40 CFR Part 63 Area Sources
Activity Date: 2006-01-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

NEW YORK HOSPITAL QUEENS (Continued) **1000406211**

Region Code: 02
Programmatic ID: AIR NY0000002630600064
Facility Registry ID: 110001603729
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: 40 CFR Part 63 Area Sources
Activity Date: 2007-02-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002630600064
Facility Registry ID: 110001603729
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: 40 CFR Part 63 Area Sources
Activity Date: 2008-03-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002630600064
Facility Registry ID: 110001603729
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: 40 CFR Part 63 Area Sources
Activity Date: 2009-02-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002630600064
Facility Registry ID: 110001603729
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: 40 CFR Part 63 Area Sources
Activity Date: 2010-07-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002630600064
Facility Registry ID: 110001603729
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: 40 CFR Part 63 Area Sources
Activity Date: 2010-07-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

NEW YORK HOSPITAL QUEENS (Continued) **1000406211**

Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002630600064
Facility Registry ID: 110001603729
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: 40 CFR Part 63 Area Sources
Activity Date: 2010-08-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002630600064
Facility Registry ID: 110001603729
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: 40 CFR Part 63 Area Sources
Activity Date: 2011-02-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002630600064
Facility Registry ID: 110001603729
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: 40 CFR Part 63 Area Sources
Activity Date: 2012-02-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002630600064
Facility Registry ID: 110001603729
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: 40 CFR Part 63 Area Sources
Activity Date: 2013-02-13 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002630600064
Facility Registry ID: 110001603729
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: Gen Hazardous Waste Management - Subtitle C - SQG

NEW YORK HOSPITAL QUEENS (Continued) **1000406211**

Activity Date:	2004-11-12 00:00:00
Activity Status Date:	2004-11-12 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Closed
Region Code:	02
Programmatic ID:	AIR NY0000002630600064
Facility Registry ID:	110001603729
Air Operating Status Code:	OPR
Default Air Classification Code:	SMI
Air Program:	Inventory of Chemicals
Activity Date:	2004-11-12 00:00:00
Activity Status Date:	2004-11-12 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Closed
Region Code:	02
Programmatic ID:	AIR NY0000002630600064
Facility Registry ID:	110001603729
Air Operating Status Code:	OPR
Default Air Classification Code:	SMI
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2005-01-30 00:00:00
Activity Status Date:	Not reported
Activity Group:	Case File
Activity Type:	Case File
Activity Status:	Resolved
Region Code:	02
Programmatic ID:	AIR NY0000002630600064
Facility Registry ID:	110001603729
Air Operating Status Code:	OPR
Default Air Classification Code:	SMI
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2010-07-14 00:00:00
Activity Status Date:	Not reported
Activity Group:	Case File
Activity Type:	Case File
Activity Status:	Resolved
Region Code:	02
Programmatic ID:	AIR NY0000002630600064
Facility Registry ID:	110001603729
Air Operating Status Code:	OPR
Default Air Classification Code:	SMI
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2010-08-23 00:00:00
Activity Status Date:	Not reported
Activity Group:	Case File
Activity Type:	Case File
Activity Status:	Resolved
Region Code:	02
Programmatic ID:	AIR NY0000002630600064
Facility Registry ID:	110001603729

NEW YORK HOSPITAL QUEENS (Continued) **1000406211**

Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2003-05-23 00:00:00
Activity Status Date: 2016-05-02 13:29:21
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 02
Programmatic ID: AIR NY0000002630600064
Facility Registry ID: 110001603729
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2014-01-28 00:00:00
Activity Status Date: 2016-05-02 13:29:27
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 02
Programmatic ID: AIR NY0000002630600064
Facility Registry ID: 110001603729
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2015-02-11 00:00:00
Activity Status Date: 2016-05-02 13:29:27
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 02
Programmatic ID: AIR NY0000002630600064
Facility Registry ID: 110001603729
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2015-03-04 00:00:00
Activity Status Date: 2016-05-02 13:29:27
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 02
Programmatic ID: AIR NY0000002630600064
Facility Registry ID: 110001603729
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2015-05-13 00:00:00
Activity Status Date: 2016-05-02 13:29:21
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

NEW YORK HOSPITAL QUEENS (Continued) **1000406211**

Region Code: 02
Programmatic ID: AIR NY0000002630600064
Facility Registry ID: 110001603729
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2016-04-01 00:00:00
Activity Status Date: 2016-06-09 07:01:31
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 02
Programmatic ID: AIR NY0000002630600064
Facility Registry ID: 110001603729
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1999-12-07 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002630600064
Facility Registry ID: 110001603729
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-08-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002630600064
Facility Registry ID: 110001603729
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-08-31 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002630600064
Facility Registry ID: 110001603729
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-09-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

NEW YORK HOSPITAL QUEENS (Continued) **1000406211**

Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002630600064
Facility Registry ID: 110001603729
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-10-24 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002630600064
Facility Registry ID: 110001603729
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2006-01-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002630600064
Facility Registry ID: 110001603729
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2007-02-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002630600064
Facility Registry ID: 110001603729
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2008-03-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002630600064
Facility Registry ID: 110001603729
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

NEW YORK HOSPITAL QUEENS (Continued) **1000406211**

Activity Date: 2009-02-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002630600064
Facility Registry ID: 110001603729
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2010-07-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002630600064
Facility Registry ID: 110001603729
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2010-07-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002630600064
Facility Registry ID: 110001603729
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2010-08-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002630600064
Facility Registry ID: 110001603729
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2011-02-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002630600064
Facility Registry ID: 110001603729

NEW YORK HOSPITAL QUEENS (Continued) **1000406211**

Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2012-02-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002630600064
Facility Registry ID: 110001603729
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-02-13 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002630600064
Facility Registry ID: 110001603729
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-12-16 00:00:00
Activity Status Date: 2005-12-16 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Resolved

Region Code: 02
Programmatic ID: AIR NY0000002630600064
Facility Registry ID: 110001603729
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2011-02-04 00:00:00
Activity Status Date: 2011-02-04 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Resolved

Region Code: 02
Programmatic ID: AIR NY0000002630600064
Facility Registry ID: 110001603729
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-07-26 00:00:00
Activity Status Date: 2005-07-26 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

NEW YORK HOSPITAL QUEENS (Continued) **1000406211**

Region Code: 02
Programmatic ID: AIR NY0000002630600064
Facility Registry ID: 110001603729
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-09-23 00:00:00
Activity Status Date: 2005-09-23 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 02
Programmatic ID: AIR NY0000002630600064
Facility Registry ID: 110001603729
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2010-08-23 00:00:00
Activity Status Date: 2010-08-23 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 02
Programmatic ID: AIR NY0000002630600064
Facility Registry ID: 110001603729
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: Title V Permits
Activity Date: Not reported
Activity Status Date: 1999-03-15 00:00:00
Activity Group: Case File
Activity Type: Case File
Activity Status: Resolved

Region Code: 02
Programmatic ID: AIR NY0000002630600064
Facility Registry ID: 110001603729
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: Title V Permits
Activity Date: 1998-03-11 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002630600064
Facility Registry ID: 110001603729
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: Title V Permits
Activity Date: 1998-08-19 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

NEW YORK HOSPITAL QUEENS (Continued) **1000406211**

Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002630600064
Facility Registry ID: 110001603729
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: Title V Permits
Activity Date: 1998-09-14 00:00:00
Activity Status Date: 1998-09-14 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Final Order Issued

Region Code: 02
Programmatic ID: AIR NY0000002630600064
Facility Registry ID: 110001603729
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: Title V Permits
Activity Date: 1999-03-15 00:00:00
Activity Status Date: 1999-03-15 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Final Order Issued

Region Code: 02
Programmatic ID: AIR NY0000002630600064
Facility Registry ID: 110001603729
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: Title V Permits
Activity Date: 1998-05-28 00:00:00
Activity Status Date: 1998-05-28 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

NY MANIFEST:
Name: NEW YORK HOSPITAL QUEENS
Address: 56-45 MAIN ST
City,State,Zip: FLUSHING, NY 11355
Country: USA
EPA ID: NYD072744592
Facility Status: Not reported
Location Address 1: 5645 MAIN ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: FLUSHING
Location State: NY
Location Zip: 11355
Location Zip 4: Not reported

NY MANIFEST:

NEW YORK HOSPITAL QUEENS (Continued) **1000406211**

EPAID:	NYD072744592
Mailing Name:	NEW YORK HOSPITAL QUEENS
Mailing Contact:	KENNETH BANG
Mailing Address 1:	5645 MAIN ST
Mailing Address 2:	Not reported
Mailing City:	FLUSHING
Mailing State:	NY
Mailing Zip:	11355
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	7186701037

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	MAC300016672
Trans2 State ID:	OHD980614374
Generator Ship Date:	06/16/2018
Trans1 Recv Date:	06/16/2018
Trans2 Recv Date:	06/19/2018
TSD Site Recv Date:	06/29/2018
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD072744592
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	OHD048415665
TSDF ID 2:	Not reported
Manifest Tracking Number:	011131115FLE
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H040
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	757
Units:	P - Pounds
Number of Containers:	15
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1
Waste Code:	D001
Waste Code 1_2:	F003
Waste Code 1_3:	Not reported

NEW YORK HOSPITAL QUEENS (Continued) **1000406211**

Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

NJ MANIFEST:

EPA Id:	NYD072744592
Mail Address:	56-45 MAIN STREET
Mail City/State/Zip:	FLUSHING 11355
Facility Phone:	7186701195
Emergency Phone:	Not reported
Contact:	MAURICE ANDERSON
Comments:	Not reported
SIC Code:	Not reported
County:	00
Municipal:	00
Previous EPA Id:	Not reported
Gen Flag:	X
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	012175788JJK
EPA ID:	NYD072744592
Date Shipped:	12/17/2013
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NJR000063677
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported

NEW YORK HOSPITAL QUEENS (Continued) **1000406211**

Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	FLUSHING 11355
Reason Load Was Rejected:	Not reported

Waste:

Manifest Year:	Not reported
Waste Code:	P012 U010 U035 U058 U059
Hand Code:	Not reported
Quantity:	380.00 Pounds

Manifest Year:	Not reported
Waste Code:	D001 F003
Hand Code:	Not reported
Quantity:	520.00 Pounds

Manifest Number:	012168247JJK
EPA ID:	NYD072744592
Date Shipped:	9/24/2013
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NJR000063677
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported

NEW YORK HOSPITAL QUEENS (Continued) **1000406211**

Was Load Rejected: FLUSHING 11355
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D001 F003
Hand Code: Not reported
Quantity: 560.00 Pounds

Manifest Year: Not reported
Waste Code: P012 U010 U035 U058 U059
Hand Code: Not reported
Quantity: 50.00 Pounds

Manifest Number: 011125386JJK
EPA ID: NYD072744592
Date Shipped: 4/23/2013
TSDF EPA ID: NJD980536593
Transporter EPA ID: NJR000063677
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: FLUSHING 11355
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported

NEW YORK HOSPITAL QUEENS (Continued) **1000406211**

Waste Code:	D001 F003
Hand Code:	Not reported
Quantity:	585.00 Pounds
Manifest Year:	Not reported
Waste Code:	P012 U010 U035 U058 U059
Hand Code:	Not reported
Quantity:	140.00 Pounds
Manifest Number:	014686593JJK
EPA ID:	NYD072744592
Date Shipped:	6/2/2015
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NJR000063677
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	FLUSHING 11355
Reason Load Was Rejected:	Not reported
Manifest Number:	009331919JJK
EPA ID:	NYD072744592
Date Shipped:	9/19/2011
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NJR000063677
Transporter 2 EPA ID:	NJD080631369

NEW YORK HOSPITAL QUEENS (Continued) **1000406211**

Transporter 3 EPA ID:	NJD000692061
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	FLUSHING 11355
Reason Load Was Rejected:	Not reported

Waste:

Manifest Year:	Not reported
Waste Code:	D001
Hand Code:	H141
Quantity:	300.00 Pounds

Manifest Number:	014687301JJK
EPA ID:	NYD072744592
Date Shipped:	6/30/2015
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NJR000063677
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported

NEW YORK HOSPITAL QUEENS (Continued) **1000406211**

Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	FLUSHING 11355
Reason Load Was Rejected:	Not reported

Manifest Number:	011621484JJK
EPA ID:	NYD072744592
Date Shipped:	7/2/2013
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NJR000063677
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported

NEW YORK HOSPITAL QUEENS (Continued) **1000406211**

Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	FLUSHING 11355
Reason Load Was Rejected:	Not reported

Waste:

Manifest Year:	Not reported
Waste Code:	D001 P001 P075 U010 U058
Hand Code:	Not reported
Quantity:	640.00 Pounds

Manifest Number:	010980525JJK
EPA ID:	NYD072744592
Date Shipped:	1/29/2013
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NJR000063677
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	FLUSHING 11355
Reason Load Was Rejected:	Not reported

Waste:

NEW YORK HOSPITAL QUEENS (Continued) **1000406211**

Manifest Year:	Not reported
Waste Code:	D001 P001 P075 U010 U058
Hand Code:	Not reported
Quantity:	107.00 Pounds

Manifest Number:	015029567JJK
EPA ID:	NYD072744592
Date Shipped:	8/25/2015
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NJR000063677
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	FLUSHING 11355
Reason Load Was Rejected:	Not reported

Manifest Number:	NJA5104467
EPA ID:	NYD072744592
Date Shipped:	06/06/2006
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	NYD049178296
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported

NEW YORK HOSPITAL QUEENS (Continued) **1000406211**

Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	06/06/2006
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	06/08/2006
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	07210621
Was Load Rejected:	FLUSHING 11355
Reason Load Was Rejected:	Not reported

Manifest Number:	015545311JJK
EPA ID:	NYD072744592
Date Shipped:	2/9/2016
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NJR000063677
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported

NEW YORK HOSPITAL QUEENS (Continued) **1000406211**

QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	FLUSHING 11355
Reason Load Was Rejected:	Not reported
Manifest Number:	014345492JJK
EPA ID:	NYD072744592
Date Shipped:	4/21/2015
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NJR000063677
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	FLUSHING 11355
Reason Load Was Rejected:	Not reported
Manifest Number:	014345494JJK

NEW YORK HOSPITAL QUEENS (Continued) **1000406211**

EPA ID:	NYD072744592
Date Shipped:	4/21/2015
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NJR000063677
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	FLUSHING 11355
Reason Load Was Rejected:	Not reported

Manifest Number:	NJA2838580
EPA ID:	NYD072744592
Date Shipped:	03/31/2006
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	NYD049178296
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	03/31/2006
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported

NEW YORK HOSPITAL QUEENS (Continued) **1000406211**

Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	04/03/2006
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	05250621
Was Load Rejected:	FLUSHING 11355
Reason Load Was Rejected:	Not reported

Manifest Number:	NJA5332622
EPA ID:	NYD072744592
Date Shipped:	08/28/2006
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	NYD049178296
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	08/28/2006
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	09/22/2006
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported

NEW YORK HOSPITAL QUEENS (Continued) **1000406211**

Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	10260621
Was Load Rejected:	FLUSHING 11355
Reason Load Was Rejected:	Not reported
Manifest Number:	014345070JJK
EPA ID:	NYD072744592
Date Shipped:	3/24/2015
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NJR000063677
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	FLUSHING 11355
Reason Load Was Rejected:	Not reported
Manifest Number:	015668867JJK
EPA ID:	NYD072744592
Date Shipped:	3/8/2016
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NJR000063677
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported

NEW YORK HOSPITAL QUEENS (Continued) **1000406211**

Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	FLUSHING 11355
Reason Load Was Rejected:	Not reported

Manifest Number:	010114213JJK
EPA ID:	NYD072744592
Date Shipped:	7/17/2012
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NJR000063677
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported

NEW YORK HOSPITAL QUEENS (Continued) **1000406211**

Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	FLUSHING 11355
Reason Load Was Rejected:	Not reported

Waste:

Manifest Year:	Not reported
Waste Code:	D001 P001 P075 P010 P058
Hand Code:	Not reported
Quantity:	320.00 Pounds

Manifest Number:	013966522JJK
EPA ID:	NYD072744592
Date Shipped:	2/10/2015
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NJR000063677
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported

NEW YORK HOSPITAL QUEENS (Continued) **1000406211**

Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	FLUSHING 11355
Reason Load Was Rejected:	Not reported
Manifest Number:	015542951JJK
EPA ID:	NYD072744592
Date Shipped:	1/26/2016
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	PAD982661381
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	FLUSHING 11355
Reason Load Was Rejected:	Not reported

Q107 **NEWYORK-PRESBYTERIAN/QUEENS** **NY UST** **U003178450**
ESE **56-45 MAIN STREET** **NY AST** **N/A**
1/8-1/4 **FLUSHING, NY 11355**
0.220 mi.
1162 ft. **Site 5 of 6 in cluster Q**

Relative:
Higher

Actual:
66 ft.

UST:

Name:	NEWYORK-PRESBYTERIAN/QUEENS
Address:	56-45 MAIN STREET
City,State,Zip:	FLUSHING, NY 11355
Id/Status:	2-091065 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	03/24/2022
UTM X:	599109.47617
UTM Y:	4511392.78092
Site Type:	Hospital/Nursing Home/Health Care

Affiliation Records:

Site Id:	2261
Affiliation Type:	Mail Contact
Company Name:	NEWYORK-PRESBYTERIAN/QUEENS
Contact Type:	Not reported
Contact Name:	JEFFREY JORDAN
Address1:	56-45 MAIN STREET
Address2:	Not reported
City:	FLUSHING
State:	NY
Zip Code:	11355
Country Code:	001
Phone:	(718) 661-7491
EMail:	JEJ9036@NYP.ORG
Fax Number:	Not reported
Modified By:	MFLEONAR
Date Last Modified:	2017-08-10

Site Id:	2261
Affiliation Type:	Facility Operator
Company Name:	NEWYORK-PRESBYTERIAN/QUEENS
Contact Type:	Not reported
Contact Name:	JEFFREY JORDAN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 661-7491
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DAFRANCI
Date Last Modified:	2016-11-21

Site Id:	2261
Affiliation Type:	Emergency Contact
Company Name:	NEWYORK-PRESBYTERIAN/QUEENS
Contact Type:	Not reported
Contact Name:	STEPHEN BIALKOWSKI
Address1:	Not reported

NEWYORK-PRESBYTERIAN/QUEENS (Continued) **U003178450**

Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 661-7491
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MFLEONAR
Date Last Modified:	2017-08-10

Site Id:	2261
Affiliation Type:	Facility Owner
Company Name:	NEWYORK-PRESBYTERIAN/QUEENS
Contact Type:	ASSISTANT OF ENGINEERING
Contact Name:	JEFFREY JORDAN
Address1:	56-45 MAIN STREET
Address2:	Not reported
City:	FLUSHING
State:	NY
Zip Code:	11355
Country Code:	001
Phone:	(718) 670-2000
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DAFRANCI
Date Last Modified:	2018-02-15

Tank Info:

Tank Number:	001
Tank ID:	3585
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	40000
Install Date:	06/01/1979
Date Tank Closed:	12/01/1998
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0003
Common Name of Substance:	#6 Fuel Oil (On-Site Consumption)

Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MFLEONAR
Last Modified:	08/10/2017

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I04 - Overfill - Product Level Gauge (A/G)

NEWYORK-PRESBYTERIAN/QUEENS (Continued) **U003178450**

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Tank Number:	002
Tank ID:	3586
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	40000
Install Date:	06/01/1979
Date Tank Closed:	12/01/1998
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0003
Common Name of Substance:	#6 Fuel Oil (On-Site Consumption)
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MFLEONAR
Last Modified:	08/10/2017

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I04 - Overfill - Product Level Gauge (A/G)
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Tank Number:	003
Tank ID:	3587
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	8000
Install Date:	06/01/1979
Date Tank Closed:	12/01/1998
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	03
Date Test:	09/01/1989
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MFLEONAR
Last Modified:	08/10/2017

Equipment Records:

NEWYORK-PRESBYTERIAN/QUEENS (Continued) **U003178450**

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I04 - Overfill - Product Level Gauge (A/G)
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Tank Number: 004
Tank ID: 55366
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 10000
Install Date: 11/01/1998
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: DAFRANCI
Last Modified: 02/15/2018

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
B04 - Tank External Protection - Fiberglass
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
L09 - Piping Leak Detection - Exempt Suction Piping
F05 - Pipe External Protection - Jacketed
C03 - Pipe Location - Aboveground/Underground Combination
J02 - Dispenser - Suction Dispenser
E04 - Piping Secondary Containment - Double walled UG
G04 - Tank Secondary Containment - Double-Walled (Underground)
I05 - Overfill - Vent Whistle
H05 - Tank Leak Detection - In-Tank System (ATG)

Tank Number: 005
Tank ID: 55367
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 10000
Install Date: 11/01/1998
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology

NEWYORK-PRESBYTERIAN/QUEENS (Continued) **U003178450**

Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: DAFRANCI
Last Modified: 02/15/2018

Equipment Records:

B04 - Tank External Protection - Fiberglass
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
L09 - Piping Leak Detection - Exempt Suction Piping
C03 - Pipe Location - Aboveground/Underground Combination
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
F05 - Pipe External Protection - Jacketed
E04 - Piping Secondary Containment - Double walled UG
G04 - Tank Secondary Containment - Double-Walled (Underground)
I05 - Overfill - Vent Whistle
H05 - Tank Leak Detection - In-Tank System (ATG)

Tank Number: 006
Tank ID: 55368
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 10000
Install Date: 11/01/1998
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: DAFRANCI
Last Modified: 02/15/2018

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
B04 - Tank External Protection - Fiberglass
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
L09 - Piping Leak Detection - Exempt Suction Piping
F05 - Pipe External Protection - Jacketed
C03 - Pipe Location - Aboveground/Underground Combination
J02 - Dispenser - Suction Dispenser

NEWYORK-PRESBYTERIAN/QUEENS (Continued) **U003178450**

E04 - Piping Secondary Containment - Double walled UG
G04 - Tank Secondary Containment - Double-Walled (Underground)
I05 - Overfill - Vent Whistle
H05 - Tank Leak Detection - In-Tank System (ATG)

Tank Number:	007
Tank ID:	232955
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	15000
Install Date:	07/01/2009
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	DAFRANCI
Last Modified:	02/15/2018

Equipment Records:

C03 - Pipe Location - Aboveground/Underground Combination
F04 - Pipe External Protection - Fiberglass
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
K01 - Spill Prevention - Catch Basin
L09 - Piping Leak Detection - Exempt Suction Piping
I04 - Overfill - Product Level Gauge (A/G)
G01 - Tank Secondary Containment - Diking (Aboveground)
E04 - Piping Secondary Containment - Double walled UG
I05 - Overfill - Vent Whistle

AST:

Name:	NEWYORK-PRESBYTERIAN/QUEENS
Address:	56-45 MAIN STREET
City,State,Zip:	FLUSHING, NY 11355
Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-091065
Program Type:	PBS
UTM X:	599109.47617
UTM Y:	4511392.78092
Expiration Date:	03/24/2022
Site Type:	Hospital/Nursing Home/Health Care

Affiliation Records:

Site Id:	2261

NEWYORK-PRESBYTERIAN/QUEENS (Continued) **U003178450**

Affiliation Type:	Mail Contact
Company Name:	NEWYORK-PRESBYTERIAN/QUEENS
Contact Type:	Not reported
Contact Name:	JEFFREY JORDAN
Address1:	56-45 MAIN STREET
Address2:	Not reported
City:	FLUSHING
State:	NY
Zip Code:	11355
Country Code:	001
Phone:	(718) 661-7491
EMail:	JEJ9036@NYP.ORG
Fax Number:	Not reported
Modified By:	MFLEONAR
Date Last Modified:	2017-08-10

Site Id:	2261
Affiliation Type:	Facility Operator
Company Name:	NEWYORK-PRESBYTERIAN/QUEENS
Contact Type:	Not reported
Contact Name:	JEFFREY JORDAN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 661-7491
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DAFRANCI
Date Last Modified:	2016-11-21

Site Id:	2261
Affiliation Type:	Emergency Contact
Company Name:	NEWYORK-PRESBYTERIAN/QUEENS
Contact Type:	Not reported
Contact Name:	STEPHEN BIALKOWSKI
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 661-7491
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MFLEONAR
Date Last Modified:	2017-08-10

Site Id:	2261
Affiliation Type:	Facility Owner
Company Name:	NEWYORK-PRESBYTERIAN/QUEENS
Contact Type:	ASSISTANT OF ENGINEERING
Contact Name:	JEFFREY JORDAN
Address1:	56-45 MAIN STREET
Address2:	Not reported

NEWYORK-PRESBYTERIAN/QUEENS (Continued) **U003178450**

City:	FLUSHING
State:	NY
Zip Code:	11355
Country Code:	001
Phone:	(718) 670-2000
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DAFRANCI
Date Last Modified:	2018-02-15

Tank Info:

Tank Number:	008
Tank Id:	232956
Material Code:	0008
Common Name of Substance:	Diesel

Equipment Records:

	J02 - Dispenser - Suction Dispenser A00 - Tank Internal Protection - None B01 - Tank External Protection - Painted/Asphalt Coating D01 - Pipe Type - Steel/Carbon Steel/Iron F01 - Pipe External Protection - Painted/Asphalt Coating G09 - Tank Secondary Containment - Modified Double-Walled (Aboveground) H01 - Tank Leak Detection - Interstitial - Electronic Monitoring I03 - Overfill - Automatic Shut-Off K00 - Spill Prevention - None L09 - Piping Leak Detection - Exempt Suction Piping C01 - Pipe Location - Aboveground E10 - Piping Secondary Containment - Impervious Underlayment I04 - Overfill - Product Level Gauge (A/G) H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	07/01/2009
Capacity Gallons:	275
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MFLEONAR
Last Modified:	08/10/2017
Material Name:	diesel

Tank Number:	009
Tank Id:	234111
Material Code:	0008
Common Name of Substance:	Diesel

NEWYORK-PRESBYTERIAN/QUEENS (Continued) **U003178450**

Equipment Records:
J02 - Dispenser - Suction Dispenser
C01 - Pipe Location - Aboveground
E10 - Piping Secondary Containment - Impervious Underlayment
I04 - Overfill - Product Level Gauge (A/G)
L09 - Piping Leak Detection - Exempt Suction Piping
G01 - Tank Secondary Containment - Diking (Aboveground)
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating
G10 - Tank Secondary Containment - Impervious Underlayment
I03 - Overfill - Automatic Shut-Off
K00 - Spill Prevention - None

Tank Location: Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 11/01/1998
Capacity Gallons: 150
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: MFLEONAR
Last Modified: 08/10/2017
Material Name: diesel

Tank Number: 010
Tank Id: 234112
Material Code: 0008
Common Name of Substance: Diesel

Equipment Records:
C01 - Pipe Location - Aboveground
I04 - Overfill - Product Level Gauge (A/G)
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
L09 - Piping Leak Detection - Exempt Suction Piping
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating
I03 - Overfill - Automatic Shut-Off
K00 - Spill Prevention - None
G01 - Tank Secondary Containment - Diking (Aboveground)

Tank Location: Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported

NEWYORK-PRESBYTERIAN/QUEENS (Continued) **U003178450**

Install Date:	11/01/1998
Capacity Gallons:	75
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	02/01/2014
Register:	True
Modified By:	MFLEONAR
Last Modified:	08/10/2017
Material Name:	diesel

Q108 **NEW YORK HOSPITAL MEDICAL CENTER - QUEENS** **PA MANIFEST** **S113739398**
ESE **56-45 MAIN STREET** **N/A**
1/8-1/4 **FLUSHING, NY 11355**
0.220 mi.
1162 ft. **Site 6 of 6 in cluster Q**

Relative: **Higher**
Actual: **66 ft.**

Manifest Details:

Year:	2014
Manifest Number:	000378467JJK
Manifest Type:	TSD Copy
Generator EPA Id:	NYD072744592
Generator Date:	04/08/2014
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
TSD EPA Id:	Not reported
TSD Date:	Not reported
TSD Facility Name:	Cycle Chem Inc
TSD Facility Address:	550 Industrial Rd
TSD Facility City:	Lewisberry
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	1
Waste Number:	F003
Container Number:	1
Container Type:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	20
Unit:	Pounds
Handling Code:	Not reported
TSP EPA Id:	PAD067098822
Date TSP Sig:	Not reported

Year:	2014
Manifest Number:	000378467JJK
Manifest Type:	TSD Copy
Generator EPA Id:	NYD072744592
Generator Date:	04/08/2014
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
TSD EPA Id:	Not reported
TSD Date:	Not reported
TSD Facility Name:	Cycle Chem Inc
TSD Facility Address:	550 Industrial Rd

NEW YORK HOSPITAL MEDICAL CENTER - QUEENS (Continued) **S113739398**

TSD Facility City:	Lewisberry
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	1
Waste Number:	D001
Container Number:	1
Container Type:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	20
Unit:	Pounds
Handling Code:	Not reported
TSP EPA Id:	PAD067098822
Date TSP Sig:	Not reported
Year:	2012
Manifest Number:	009642457JJK
Manifest Type:	TSD Copy
Generator EPA Id:	NYD072744592
Generator Date:	03/27/2012
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
TSD EPA Id:	Not reported
TSD Date:	Not reported
TSD Facility Name:	CYCLE CHEM INC
TSD Facility Address:	550 INDUSTRIAL DR
TSD Facility City:	LEWISBERRY
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	1
Waste Number:	D001
Container Number:	1
Container Type:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	2
Unit:	Pounds
Handling Code:	Not reported
TSP EPA Id:	PAD067098822
Date TSP Sig:	Not reported
Year:	2012
Manifest Number:	009642457JJK
Manifest Type:	TSD Copy
Generator EPA Id:	NYD072744592
Generator Date:	03/27/2012
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
TSD EPA Id:	Not reported
TSD Date:	Not reported
TSD Facility Name:	CYCLE CHEM INC
TSD Facility Address:	550 INDUSTRIAL DR
TSD Facility City:	LEWISBERRY
TSD Facility State:	PA
Facility Telephone:	Not reported

NEW YORK HOSPITAL MEDICAL CENTER - QUEENS (Continued) **S113739398**

Page Number:	1
Line Number:	1
Waste Number:	D002
Container Number:	1
Container Type:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	2
Unit:	Pounds
Handling Code:	Not reported
TSP EPA Id:	PAD067098822
Date TSP Sig:	Not reported

P109 **CON EDISON** **NY MANIFEST** **S117316790**
North **F/O 132-24 MAPLE AVE** **N/A**
1/8-1/4 **QUEENS, NY 11355**
0.223 mi.
1179 ft. **Site 2 of 10 in cluster P**

Relative: **Higher**
Actual: **39 ft.**

NY MANIFEST:

Name:	CON EDISON
Address:	F/O 132-24 MAPLE AVE
City,State,Zip:	QUEENS, NY 11355
Country:	USA
EPA ID:	NYP004640801
Facility Status:	Not reported
Location Address 1:	F/O 132-24 MAPLE AVE
Code:	BP
Location Address 2:	SB 19268
Total Tanks:	Not reported
Location City:	QUEENS
Location State:	NY
Location Zip:	11355
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004640801
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address 1:	4 IRVING PLACE - 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2014
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	08/27/2014
Trans1 Recv Date:	08/27/2014
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	09/02/2014
Part A Recv Date:	Not reported

CON EDISON (Continued) **S117316790**

Part B Recv Date:	Not reported
Generator EPA ID:	NYP004640801
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	012775382JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	50
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

P110 **132-24 MAPLE AVE** **NY AST** **U003389201**
North **132-24 MAPLE AVE** **N/A**
1/8-1/4 **FLUSHING, NY 11355**
0.223 mi.
1179 ft. **Site 3 of 10 in cluster P**

Relative: AST:
Higher

Actual:
39 ft.

Name:	132-24 MAPLE AVE
Address:	132-24 MAPLE AVE
City,State,Zip:	FLUSHING, NY 11355
Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-296953
Program Type:	PBS
UTM X:	598583.58615
UTM Y:	4512094.75825
Expiration Date:	01/29/2024
Site Type:	Apartment Building/Office Building

132-24 MAPLE AVE (Continued) **U003389201**

Affiliation Records:

Site Id:	13693
Affiliation Type:	Emergency Contact
Company Name:	MAPLE AVENUE LLC
Contact Type:	Not reported
Contact Name:	MARTIN WEBER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 873-7575
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	13693
Affiliation Type:	Facility Operator
Company Name:	132-24 MAPLE AVE
Contact Type:	Not reported
Contact Name:	SENAD KOLENOVIC
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 873-7575
EMail:	Not reported
Fax Number:	Not reported
Modified By:	JSMACRI
Date Last Modified:	2019-02-01

Site Id:	13693
Affiliation Type:	Facility Owner
Company Name:	132-09 MAPLE AVENUE COMPANY
Contact Type:	ASST FACILITY DIRECTOR
Contact Name:	132-09 MAPLE AVENUE COMPANY
Address1:	360 SHORE ROAD, SUITE 1200
Address2:	Not reported
City:	LONG BEACH
State:	NY
Zip Code:	11561
Country Code:	001
Phone:	(212) 873-7575
EMail:	Not reported
Fax Number:	Not reported
Modified By:	JSMACRI
Date Last Modified:	2019-02-01

Site Id:	13693
Affiliation Type:	Mail Contact
Company Name:	132-24 MAPLE AVENU COMPANY
Contact Type:	Not reported
Contact Name:	RENE

132-24 MAPLE AVE (Continued) **U003389201**

Address1:	315 CENTRAL PARK WEST,
Address2:	SUITE 1200
City:	NEW YORK
State:	NY
Zip Code:	10025
Country Code:	001
Phone:	(212) 873-7575
EMail:	Not reported
Fax Number:	Not reported
Modified By:	JSMACRI
Date Last Modified:	2019-02-01

Tank Info:

Tank Number:	001
Tank Id:	15420
Material Code:	0003
Common Name of Substance:	#6 Fuel Oil (On-Site Consumption)

Equipment Records:

E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
L09 - Piping Leak Detection - Exempt Suction Piping
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
K00 - Spill Prevention - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	07/31/1986
Capacity Gallons:	4500
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	06/20/2017
Register:	True
Modified By:	MXLAY
Last Modified:	11/15/2018
Material Name:	#6 fuel oil (on-site consumption)

Tank Number:	002
Tank Id:	278935

Equipment Records:

H00 - Tank Leak Detection - None
L09 - Piping Leak Detection - Exempt Suction Piping
E00 - Piping Secondary Containment - None
I04 - Overfill - Product Level Gauge (A/G)

132-24 MAPLE AVE (Continued) **U003389201**

C01 - Pipe Location - Aboveground
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
G01 - Tank Secondary Containment - Diking (Aboveground)

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	01/29/2019
Capacity Gallons:	2000
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	JSMACRI
Last Modified:	02/01/2019
Material Name:	#2 fuel oil (on-site consumption)

P111 **CON EDISON** **NY MANIFEST** **S117066444**
North **FO 132-30 MAPLE AVE** **N/A**
1/8-1/4 **QUEENS, NY 11355**
0.230 mi.
1214 ft. **Site 4 of 10 in cluster P**

Relative:
Higher

Actual:
39 ft.

NY MANIFEST:

Name:	CON EDISON
Address:	FO 132-30 MAPLE AVE
City,State,Zip:	QUEENS, NY 11355
Country:	USA
EPA ID:	NYP004590949
Facility Status:	Not reported
Location Address 1:	FO 132-30 MAPLE AVE
Code:	BP
Location Address 2:	SB 60252
Total Tanks:	Not reported
Location City:	QUEENS
Location State:	NY
Location Zip:	11355
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004590949
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address 1:	4 IRVING PLACE 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

CON EDISON (Continued) **S117066444**

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2014
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	07/09/2014
Trans1 Recv Date:	07/09/2014
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	07/11/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004590949
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	012774344JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	50
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

P112 **CON EDISON** **NY MANIFEST** **S117316791**
North **F/O 132-30 MAPLE AVE** **N/A**
1/8-1/4 **QUEENS, NY 11355**
0.230 mi.
1214 ft. **Site 5 of 10 in cluster P**

Relative:
Higher

Actual:
39 ft.

NY MANIFEST:

Name:	CON EDISON
Address:	F/O 132-30 MAPLE AVE
City,State,Zip:	QUEENS, NY 11355
Country:	USA
EPA ID:	NYP004640819
Facility Status:	Not reported
Location Address 1:	F/O 132-30 MAPLE AVE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	QUEENS
Location State:	NY
Location Zip:	11355
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004640819
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address 1:	4 IRVING PLACE - 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2014
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	08/27/2014
Trans1 Recv Date:	08/27/2014
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	09/02/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004640819
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	012775383JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N

CON EDISON (Continued) **S117316791**

Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	50
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

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113 **E.E.H. REALTY CORPORATION** **NY AST** **U003384472**
NNE **134-14 FRANKLIN AVE** **N/A**
1/8-1/4 **FLUSHING, NY 11355**
0.231 mi.
1221 ft.

Relative: **Higher**

Actual: **44 ft.**

AST:

Name:	E.E.H. REALTY CORPORATION
Address:	134-14 FRANKLIN AVE
City,State,Zip:	FLUSHING, NY 11355
Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-107379
Program Type:	PBS
UTM X:	598807.70004
UTM Y:	4512061.04580
Expiration Date:	03/10/2022
Site Type:	Apartment Building/Office Building

Affiliation Records:

Site Id:	3108
Affiliation Type:	Facility Owner
Company Name:	E.E.H.REALTY CORPORATION
Contact Type:	PRESIDENT
Contact Name:	E.E.H.REALTY CORPORATION
Address1:	175 ROSLYN AVENUE
Address2:	Not reported
City:	ROSLYN HEIGHTS
State:	NY
Zip Code:	11577
Country Code:	001

E.E.H. REALTY CORPORATION (Continued) **U003384472**

Phone:	(516) 625-4200
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MFLEONAR
Date Last Modified:	2017-09-14

Site Id:	3108
Affiliation Type:	Mail Contact
Company Name:	E.E.H. REALTY CORPORATION
Contact Type:	Not reported
Contact Name:	RONALD SWARTZ
Address1:	175 ROSLYN AVENUE
Address2:	Not reported
City:	ROSLYN
State:	NY
Zip Code:	11577
Country Code:	001
Phone:	(516) 625-4200
EMail:	TAXDOCS@PAROMGT.COM
Fax Number:	Not reported
Modified By:	MFLEONAR
Date Last Modified:	2017-09-14

Site Id:	3108
Affiliation Type:	Facility Operator
Company Name:	E.E.H. REALTY CORPORATION
Contact Type:	Not reported
Contact Name:	JAIR VALENCIA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 791-6251
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MFLEONAR
Date Last Modified:	2017-09-14

Site Id:	3108
Affiliation Type:	Emergency Contact
Company Name:	E.E.H.REALTY CORPORATION
Contact Type:	Not reported
Contact Name:	R SWARZ
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(516) 625-4200
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MFLEONAR
Date Last Modified:	2017-09-14

E.E.H. REALTY CORPORATION (Continued) **U003384472**

Tank Info:

Tank Number:	001
Tank Id:	3836
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

	I04 - Overfill - Product Level Gauge (A/G)
	A00 - Tank Internal Protection - None
	D01 - Pipe Type - Steel/Carbon Steel/Iron
	J02 - Dispenser - Suction Dispenser
	G03 - Tank Secondary Containment - Vault (w/o access)
	H00 - Tank Leak Detection - None
	L09 - Piping Leak Detection - Exempt Suction Piping
	B00 - Tank External Protection - None
	C00 - Pipe Location - No Piping
	F00 - Pipe External Protection - None
Tank Location:	Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	05/09/1929
Capacity Gallons:	5000
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MFLEONAR
Last Modified:	09/14/2017
Material Name:	#4 fuel oil (on-site consumption)

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114 SSW 1/8-1/4 0.233 mi. 1232 ft. **CON EDISON SERVICE BOX: 35250** **RCRA NonGen / NLR** **1016454612**
130-11 58TH AVE **FINDS** **NYP004330239**
FLUSHING, NY 11355 **ECHO**
NY MANIFEST

Relative: Lower

Actual: 16 ft.

RCRA NonGen / NLR:

Date form received by agency:	2013-08-16 00:00:00.0
Facility name:	CON EDISON SERVICE BOX: 35250
Facility address:	130-11 58TH AVE FLUSHING, NY 11355
EPA ID:	NYP004330239
Mailing address:	VING PL, 15TH FL NE NEW YORK, NY 10003
Contact:	THOMAS TEELING
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	212-460-3770
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

CON EDISON SERVICE BOX: 35250 (Continued) **1016454612**

Handler Activities Summary:
- U.S. importer of hazardous waste: No
- Mixed waste (haz. and radioactive): No
- Recycler of hazardous waste: No
- Transporter of hazardous waste: No
- Treater, storer or disposer of HW: No
- Underground injection activity: No
- On-site burner exemption: No
- Furnace exemption: No
- Used oil fuel burner: No
- Used oil processor: No
- User oil refiner: No
- Used oil fuel marketer to burner: No
- Used oil Specification marketer: No
- Used oil transfer facility: No
- Used oil transporter: No

Historical Generators:
- Date form received by agency: 2013-07-16 00:00:00.0
- Site name: CON EDISON SERVICE BOX: 35250
- Classification: Conditionally Exempt Small Quantity Generator

- Violation Status: No violations found

FINDS:
- Registry ID: 110056498339

- Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
- Envid: 1016454612
- Registry ID: 110056498339
- DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110056498339
- Name: CON EDISON SERVICE BOX: 35250
- Address: 130-11 58TH AVE
- City,State,Zip: FLUSHING, NY 11355

NY MANIFEST:
- Name: CON EDISON
- Address: 130-11 58TH AVE
- City,State,Zip: FLUSHING, NY 11355
- Country: USA
- EPA ID: NYP004330239
- Facility Status: Not reported
- Location Address 1: 130-11 58 AVE
- Code: BP

CON EDISON SERVICE BOX: 35250 (Continued) **1016454612**

Location Address 2:	SB #35250
Total Tanks:	Not reported
Location City:	QUEENS
Location State:	NY
Location Zip:	11355
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004330239
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address 1:	4 IRVING PLACE 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2013
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	07/16/2013
Trans1 Recv Date:	07/16/2013
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	07/17/2013
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004330239
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002086329GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	50

CON EDISON SERVICE BOX: 35250 (Continued) **1016454612**

Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

R115 **CRYSTAL WINDOWS** **NY UST** **U004046476**
NNW **131-40 MAPLE AVE** **N/A**
1/8-1/4 **FLUSHING, NY 11355**
0.234 mi.
1234 ft. **Site 1 of 3 in cluster R**

Relative:
Higher

Actual:
22 ft.

UST:

Name:	CRYSTAL WINDOWS
Address:	131-40 MAPLE AVE
City,State,Zip:	FLUSHING, NY 11355
Id/Status:	2-607772 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	598453.34362
UTM Y:	4512046.44838
Site Type:	Other

Affiliation Records:

Site Id:	29624
Affiliation Type:	Facility Owner
Company Name:	SOIEFER REATLY CORP
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	100 N. VILLAGE AVE #37
Address2:	Not reported
City:	ROCVILLE CENTRE
State:	NY
Zip Code:	11570
Country Code:	001
Phone:	(516) 766-1188
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	29624
Affiliation Type:	Mail Contact
Company Name:	SOIEFER REALTY CORP
Contact Type:	Not reported
Contact Name:	STEVE LEFFLER
Address1:	100 N VILLAGE AVE
Address2:	#37
City:	ROCKVILLE CENTRE

CRYSTAL WINDOWS (Continued) **U004046476**

State: NY
Zip Code: 11570
Country Code: 001
Phone: (516) 766-1188
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 29624
Affiliation Type: Facility Operator
Company Name: CRYSTAL WINDOWS
Contact Type: Not reported
Contact Name: HUGO SERONE
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 461-7000
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 29624
Affiliation Type: Emergency Contact
Company Name: SOIEFER REATLY CORP
Contact Type: Not reported
Contact Name: HUGO SERONE
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 461-7000
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 1
Tank ID: 63486
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 3000
Install Date: Not reported
Date Tank Closed: 06/12/2002
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

CRYSTAL WINDOWS (Continued) **U004046476**

Tightness Test Method: 21
Date Test: 04/17/2002
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B00 - Tank External Protection - None
F00 - Pipe External Protection - None

S116 **CON EDISON** **NJ MANIFEST** **S120668572**
SSW **58TH AVE & LAWRENCE ST** **N/A**
1/8-1/4 **FLUSHING, NY 11355**
0.234 mi.
1238 ft. **Site 1 of 3 in cluster S**

Relative: **Higher**

Actual: **22 ft.**

NJ MANIFEST:
EPA Id: NYP004746228
Mail Address: IRVING PL, 15TH FL NE
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: THOMAS TEELING
Comments: Not reported
SIC Code: Not reported
County: NY081
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSDF Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:
Manifest Number: 014087051JJK
EPA ID: NYP004746228
Date Shipped: 3/8/2015
TSDF EPA ID: NJD002200046
Transporter EPA ID: NJ0000027193
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported

CON EDISON (Continued) **S120668572**

Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	NEW YORK, NY 10003
Reason Load Was Rejected:	Not reported

S117 **CON EDISON** **RCRA NonGen / NLR** **1018279775**
SSW **58TH AVE & LAWRENCE ST** **FINDS** **NYP004746228**
1/8-1/4 **FLUSHING, NY 11355** **ECHO**
0.234 mi.
1238 ft. **Site 2 of 3 in cluster S**

Relative:
Higher

Actual:
22 ft.

RCRA NonGen / NLR:

Date form received by agency:	2015-03-08 00:00:00.0
Facility name:	CON EDISON
Facility address:	58TH AVE & LAWRENCE ST FLUSHING, NY 11355
EPA ID:	NYP004746228
Mailing address:	IRVING PL, 15TH FL NE NEW YORK, NY 10003
Contact:	THOMAS TEELING
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	212-460-3770
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No

CON EDISON (Continued) **1018279775**

Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	2015-03-08 00:00:00.0
Site name:	CON EDISON
Classification:	Large Quantity Generator
Violation Status:	No violations found

FINDS:

Registry ID: 110067695694

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1018279775
Registry ID:	110067695694
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110067695694
Name:	CON EDISON
Address:	58TH AVE & LAWRENCE ST
City,State,Zip:	FLUSHING, NY 11355

S118 **CON EDISON** **NY MANIFEST** **S118708367**
SSW **58TH AVE & LAWRENCE ST** **N/A**
1/8-1/4 **FLUSHING, NY 11355**
0.234 mi.
1238 ft. **Site 3 of 3 in cluster S**

Relative:
Higher

Actual:
22 ft.

NY MANIFEST:

Name:	CON EDISON
Address:	58TH AVE & LAWRENCE ST
City,State,Zip:	FLUSHING, NY 11355
Country:	USA
EPA ID:	NYP004746228
Facility Status:	Not reported
Location Address 1:	NWC 58 AVE & LAWRENCE ST
Code:	BP
Location Address 2:	SB39222
Total Tanks:	Not reported

CON EDISON (Continued) **S118708367**

Location City:	KEW GARDENS
Location State:	NY
Location Zip:	11367
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004746228
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address 1:	4 IRVING PL
Mailing Address 2:	15TH FL
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2015
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	03/08/2015
Trans1 Recv Date:	03/08/2015
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	03/09/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004746228
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	014087051JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	500
Units:	P - Pounds
Number of Containers:	1

CON EDISON (Continued) **S118708367**

Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

T119 **COIDEN HOUSE OWNERS CORP** **NY UST** **U001835253**
NE **42-42 COLDEN ST** **N/A**
1/8-1/4 **FLUSHING, NY 11355**
0.236 mi.
1246 ft. **Site 1 of 2 in cluster T**

Relative: **Higher**
Actual: **49 ft.**

UST:

Name:	COIDEN HOUSE OWNERS CORP
Address:	42-42 COLDEN ST
City,State,Zip:	FLUSHING, NY 11355
Id/Status:	2-207950 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	08/24/2017
UTM X:	599050.49168
UTM Y:	4512083.56841
Site Type:	Apartment Building/Office Building

Affiliation Records:

Site Id:	7407
Affiliation Type:	Facility Operator
Company Name:	COIDEN HOUSE OWNERS CORP
Contact Type:	Not reported
Contact Name:	DARIO PEREZ
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(917) 841-1961
EMail:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	2007-10-17

Site Id:	7407
Affiliation Type:	Emergency Contact
Company Name:	JOSEPH T. MACARI
Contact Type:	Not reported
Contact Name:	DARIO PEREZ
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported

COIDEN HOUSE OWNERS CORP (Continued) **U001835253**

Country Code:	999
Phone:	(917) 841-1961
EMail:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	2007-10-17

Site Id:	7407
Affiliation Type:	Facility Owner
Company Name:	JOSEPH T. MACARI
Contact Type:	MANAGER
Contact Name:	JESSICA CHANG
Address1:	95-40 ROOSEVELT AVE
Address2:	Not reported
City:	JACKSON HTS
State:	NY
Zip Code:	11372
Country Code:	001
Phone:	(718) 446-0100
EMail:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	2007-10-17

Site Id:	7407
Affiliation Type:	Mail Contact
Company Name:	FOUR SEASONS PROPERTY MANAGEMENT LLC
Contact Type:	Not reported
Contact Name:	CHANG, JESSICA
Address1:	42-32 COLLEGEPOINT BLVD.
Address2:	Not reported
City:	FLUSHING
State:	NY
Zip Code:	11355
Country Code:	001
Phone:	(917) 886-3626
EMail:	JESSICA@4SRE.COM
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	2007-10-17

Tank Info:

Tank Number:	001
Tank ID:	14152
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	10000
Install Date:	01/01/1984
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0003
Common Name of Substance:	#6 Fuel Oil (On-Site Consumption)

Tightness Test Method:	NN

COIDEN HOUSE OWNERS CORP (Continued) **U001835253**

Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: dxliving
Last Modified: 04/14/2017

Equipment Records:

J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G99 - Tank Secondary Containment - Other
I04 - Overfill - Product Level Gauge (A/G)
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H99 - Tank Leak Detection - Other

P120 **132-09 MAPLE AVENUE** **NY AST** **U003389199**
North **132-09 MAPLE AVENUE** **N/A**
1/8-1/4 **FLUSHING, NY 11355**
0.237 mi.
1253 ft. **Site 6 of 10 in cluster P**

Relative:
Higher

Actual:
37 ft.

AST:
Name: 132-09 MAPLE AVENUE
Address: 132-09 MAPLE AVENUE
City,State,Zip: FLUSHING, NY 11355
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-296937
Program Type: PBS
UTM X: 598556.72358
UTM Y: 4512095.03451
Expiration Date: 01/29/2024
Site Type: Apartment Building/Office Building

Affiliation Records:
Site Id: 13691
Affiliation Type: Facility Operator
Company Name: 132-09 MAPLE AVENUE
Contact Type: Not reported
Contact Name: SENAD KOLENOVIC
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 873-7575
EMail: Not reported
Fax Number: Not reported
Modified By: JSMACRI
Date Last Modified: 2019-02-01

Site Id: 13691
Affiliation Type: Emergency Contact
Company Name: MAPLE AVENUE LLC

132-09 MAPLE AVENUE (Continued) **U003389199**

Contact Type:	Not reported
Contact Name:	MR. MARTIN WEBER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 873-7575
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	13691
Affiliation Type:	Facility Owner
Company Name:	132-09 MAPLE AVENUE COMPANY
Contact Type:	ASST FACILITY DIRECTOR
Contact Name:	132-09 MAPLE AVENUE COMPANY
Address1:	360 SHORE ROAD, SUITE 1200
Address2:	Not reported
City:	LONG BEACH
State:	NY
Zip Code:	11561
Country Code:	001
Phone:	(212) 873-7575
EMail:	Not reported
Fax Number:	Not reported
Modified By:	JSMACRI
Date Last Modified:	2019-02-01

Site Id:	13691
Affiliation Type:	Mail Contact
Company Name:	132-09 MAPLE AVENUE COMPANY
Contact Type:	Not reported
Contact Name:	RENE
Address1:	315 CENTRAL PARK WEST
Address2:	SUITE 1200
City:	NEW YORK
State:	NY
Zip Code:	10025
Country Code:	001
Phone:	(212) 873-7575
EMail:	Not reported
Fax Number:	Not reported
Modified By:	JSMACRI
Date Last Modified:	2019-02-01

Tank Info:

Tank Number:	001
Tank Id:	15418
Material Code:	0003
Common Name of Substance:	#6 Fuel Oil (On-Site Consumption)

Equipment Records:

132-09 MAPLE AVENUE (Continued) **U003389199**

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
K00 - Spill Prevention - None
I04 - Overfill - Product Level Gauge (A/G)
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
L09 - Piping Leak Detection - Exempt Suction Piping
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	07/31/1986
Capacity Gallons:	4000
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	06/20/2017
Register:	True
Modified By:	MXLAY
Last Modified:	11/15/2018
Material Name:	#6 fuel oil (on-site consumption)
Tank Number:	002
Tank Id:	278933

Equipment Records:

E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
L09 - Piping Leak Detection - Exempt Suction Piping
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
K00 - Spill Prevention - None
G01 - Tank Secondary Containment - Diking (Aboveground)
J02 - Dispenser - Suction Dispenser
C01 - Pipe Location - Aboveground
I04 - Overfill - Product Level Gauge (A/G)
F00 - Pipe External Protection - None

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	01/29/2019
Capacity Gallons:	2000
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	JSMACRI

132-09 MAPLE AVENUE (Continued) **U003389199**

Last Modified: 02/01/2019
Material Name: #2 fuel oil (on-site consumption)

U121 **CON EDISON** **NY MANIFEST** **S117064819**
NNW **42-24 COLLEGE PT BLVD FRONT OF** **N/A**
1/8-1/4 **FLUSHING, NY 11354**
0.240 mi.
1268 ft. **Site 1 of 2 in cluster U**

Relative:
Higher

Actual:
32 ft.

NY MANIFEST:

Name:	CON EDISON
Address:	42-24 COLLEGE PT BLVD FRONT OF
City,State,Zip:	FLUSHING, NY 11354
Country:	USA
EPA ID:	NYP004573259
Facility Status:	Not reported
Location Address 1:	42-24 COLLEGE POINT BLVD
Code:	BP
Location Address 2:	SB 38497
Total Tanks:	Not reported
Location City:	QUEENS
Location State:	NY
Location Zip:	11355
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004573259
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address 1:	4 IRVING PLACE 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2014
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	06/23/2014
Trans1 Recv Date:	06/23/2014
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	06/25/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004573259
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002502925GBF
Import Indicator:	N

CON EDISON (Continued) **S117064819**

Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	100
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

U122 **CON EDISON SERVICE BOX: 38497** **RCRA NonGen / NLR 1017779334**
NNW **42-24 COLLEGE PT BLVD FRONT OF** **FINDS NYP004573259**
1/8-1/4 **FLUSHING, NY 11354**
0.240 mi.
1268 ft. **Site 2 of 2 in cluster U**

Relative:
Higher

Actual:
32 ft.

RCRA NonGen / NLR:

Date form received by agency:	2014-07-23 00:00:00.0
Facility name:	CON EDISON SERVICE BOX: 38497
Facility address:	42-24 COLLEGE PT BLVD FRONT OF FLUSHING, NY 11354
EPA ID:	NYP004573259
Mailing address:	IRVING PL, 15TH FL NE NEW YORK, NY 10003
Contact:	THOMAS TEELING
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	212-460-3770
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No

CON EDISON SERVICE BOX: 38497 (Continued) **1017779334**

Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	2014-06-23 00:00:00.0
Site name:	CON EDISON
Classification:	Small Quantity Generator
Date form received by agency:	2014-06-23 00:00:00.0
Site name:	CON EDISON
Classification:	Not a generator, verified
Violation Status:	No violations found

FINDS:

Registry ID: 110063836461

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

O123 **THE GLEN** **NY UST** **U003644429**
NE **42-60 MAIN STREET** **N/A**
1/8-1/4 **FLUSHING, NY 11355**
0.240 mi.
1269 ft. **Site 2 of 2 in cluster O**

Relative:
Higher

Actual:
47 ft.

UST:

Name:	THE GLEN
Address:	42-60 MAIN STREET
City,State,Zip:	FLUSHING, NY 11355
Id/Status:	2-601513 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	598965.48454
UTM Y:	4512071.83240
Site Type:	Apartment Building/Office Building

THE GLEN (Continued) **U003644429**

Affiliation Records:

Site Id:	23475
Affiliation Type:	Facility Owner
Company Name:	THE GLEN ASSOCIATES LLC % THE KIBEL CO
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	300 EAST 34TH STREET
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10016
Country Code:	001
Phone:	(212) 481-5700
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2013-10-11

Site Id:	23475
Affiliation Type:	Mail Contact
Company Name:	SABI TENUTO/ABILENE INC
Contact Type:	Not reported
Contact Name:	OSCAR (SUPERINTENDENT)
Address1:	2402 NEPTUNE AVENUD
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11224
Country Code:	001
Phone:	(718) 372-4210
EMail:	SABI@ABUKEBEINC.COM
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2013-10-11

Site Id:	23475
Affiliation Type:	Facility Operator
Company Name:	THE GLEN
Contact Type:	Not reported
Contact Name:	OSCAR
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 461-4084
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2013-10-11

Site Id:	23475
Affiliation Type:	Emergency Contact
Company Name:	THE GLEN ASSOCIATES LLC % THE KIBEL CO
Contact Type:	Not reported
Contact Name:	OSCAR3

THE GLEN (Continued) **U003644429**

Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 461-4084
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2013-10-11

Tank Info:

Tank Number:	001
Tank ID:	18493
Tank Status:	Tank Converted to Non-Regulated Use
Material Name:	Tank Converted to Non-Regulated Use
Capacity Gallons:	10000
Install Date:	12/01/1961
Date Tank Closed:	06/01/1994
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0003
Common Name of Substance:	#6 Fuel Oil (On-Site Consumption)
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
I04 - Overfill - Product Level Gauge (A/G)
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Tank Number:	001
Tank ID:	46554
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	10000
Install Date:	12/01/1961
Date Tank Closed:	04/19/2013
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0003

THE GLEN (Continued) **U003644429**

Common Name of Substance: #6 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

K00 - Spill Prevention - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
L09 - Piping Leak Detection - Exempt Suction Piping
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
I04 - Overfill - Product Level Gauge (A/G)
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A02 - Tank Internal Protection - Rubber Liner
D00 - Pipe Type - No Piping

Affiliation Records:

Site Id: 7024
Affiliation Type: Facility Owner
Company Name: GLEN ASSOC
Contact Type: Not reported
Contact Name: Not reported
Address1: 2727 PALISADE AVE
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10463
Country Code: 001
Phone: (212) 884-6456
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 7024
Affiliation Type: Mail Contact
Company Name: GLEN ASSOC
Contact Type: Not reported
Contact Name: Not reported
Address1: 2727 PALISADE AVE
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10463
Country Code: 001
Phone: (212) 884-6456
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

THE GLEN (Continued) **U003644429**

Site Id:	7024
Affiliation Type:	Facility Operator
Company Name:	THE GLEN
Contact Type:	Not reported
Contact Name:	FRANK FERNANDEZ
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 461-4084
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	7024
Affiliation Type:	Emergency Contact
Company Name:	GLEN ASSOC
Contact Type:	Not reported
Contact Name:	FRANK FERNANDEZ
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 461-4084
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	001
Tank ID:	18493
Tank Status:	Tank Converted to Non-Regulated Use
Material Name:	Tank Converted to Non-Regulated Use
Capacity Gallons:	10000
Install Date:	12/01/1961
Date Tank Closed:	06/01/1994
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0003
Common Name of Substance:	#6 Fuel Oil (On-Site Consumption)

Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

THE GLEN (Continued) **U003644429**

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
I04 - Overfill - Product Level Gauge (A/G)
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Tank Number:	001
Tank ID:	46554
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	10000
Install Date:	12/01/1961
Date Tank Closed:	04/19/2013
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0003
Common Name of Substance:	#6 Fuel Oil (On-Site Consumption)
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	NRLOMBAR
Last Modified:	04/14/2017

Equipment Records:

K00 - Spill Prevention - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
L09 - Piping Leak Detection - Exempt Suction Piping
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
I04 - Overfill - Product Level Gauge (A/G)
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A02 - Tank Internal Protection - Rubber Liner
D00 - Pipe Type - No Piping

124
North
1/8-1/4
0.241 mi.
1272 ft.

CON EDISON **NY MANIFEST** **S117066448**
FO 132-44 MAPLE AVE **N/A**
QUEENS, NY 11355

Relative:
Higher

Actual:
39 ft.

NY MANIFEST:

Name:	CON EDISON
Address:	FO 132-44 MAPLE AVE
City,State,Zip:	QUEENS, NY 11355
Country:	USA
EPA ID:	NYP004590980
Facility Status:	Not reported

CON EDISON (Continued) **S117066448**

Location Address 1:	FO 132-44 MAPLE AVE
Code:	BP
Location Address 2:	MH 12862
Total Tanks:	Not reported
Location City:	QUEENS
Location State:	NY
Location Zip:	11355
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004590980
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address 1:	4 IRVING PLACE 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2014
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	07/09/2014
Trans1 Recv Date:	07/09/2014
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	07/11/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004590980
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	012774346JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported

CON EDISON (Continued) **S117066448**

Waste Code:	Not reported
Quantity:	200
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

P125 **132-17 MAPLE AVENUE** **NY AST** **U003389200**
North **132-17 MAPLE AVENUE** **N/A**
1/8-1/4 **FLUSHING, NY 11355**
0.243 mi.
1284 ft. **Site 7 of 10 in cluster P**

Relative:
Higher

Actual:
37 ft.

AST:

Name:	132-17 MAPLE AVENUE
Address:	132-17 MAPLE AVENUE
City,State,Zip:	FLUSHING, NY 11355
Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-296945
Program Type:	PBS
UTM X:	598577.73603
UTM Y:	4512105.46577
Expiration Date:	01/29/2024
Site Type:	Apartment Building/Office Building

Affiliation Records:

Site Id:	13692
Affiliation Type:	Facility Operator
Company Name:	132-17 MAPLE AVENUE
Contact Type:	Not reported
Contact Name:	SENAD KOLENOVIC
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 873-7575
EMail:	Not reported
Fax Number:	Not reported
Modified By:	JSMACRI
Date Last Modified:	2019-02-01

Site Id:	13692
Affiliation Type:	Emergency Contact
Company Name:	MAPLE AVENUE LLC
Contact Type:	Not reported
Contact Name:	MARTIN WEBER

132-17 MAPLE AVENUE (Continued) **U003389200**

Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 873-7575
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	13692
Affiliation Type:	Facility Owner
Company Name:	132-09 MAPLE AVENUE COMPANY
Contact Type:	ASST FACILITY DIRECTOR
Contact Name:	132-09 MAPLE AVENUE COMPANY
Address1:	360 SHORE ROAD, SUITE 1200
Address2:	Not reported
City:	LONG BEACH
State:	NY
Zip Code:	11561
Country Code:	001
Phone:	(212) 873-7575
EMail:	Not reported
Fax Number:	Not reported
Modified By:	JSMACRI
Date Last Modified:	2019-02-01

Site Id:	13692
Affiliation Type:	Mail Contact
Company Name:	132-17 MAPLE AVENUE COMPANY
Contact Type:	Not reported
Contact Name:	RENE
Address1:	315 CENTRAL PARK WEST,
Address2:	SUITE 1200
City:	NEW YORK
State:	NY
Zip Code:	10025
Country Code:	001
Phone:	(212) 873-7575
EMail:	Not reported
Fax Number:	Not reported
Modified By:	JSMACRI
Date Last Modified:	2019-02-01

Tank Info:

Tank Number:	001
Tank Id:	15419
Material Code:	0003
Common Name of Substance:	#6 Fuel Oil (On-Site Consumption)

Equipment Records:

A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None

132-17 MAPLE AVENUE (Continued) **U003389200**

J02 - Dispenser - Suction Dispenser
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
L09 - Piping Leak Detection - Exempt Suction Piping
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)

Tank Location: Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 07/31/1986
Capacity Gallons: 4000
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 06/20/2017
Register: True
Modified By: MXLAY
Last Modified: 11/15/2018
Material Name: #6 fuel oil (on-site consumption)

Tank Number: 002
Tank Id: 278934

Equipment Records:

A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
K00 - Spill Prevention - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
L09 - Piping Leak Detection - Exempt Suction Piping
J02 - Dispenser - Suction Dispenser
C01 - Pipe Location - Aboveground
I04 - Overfill - Product Level Gauge (A/G)
G01 - Tank Secondary Containment - Diking (Aboveground)

Tank Location: Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 01/29/2019
Capacity Gallons: 2000
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: JSMACRI
Last Modified: 02/01/2019
Material Name: #2 fuel oil (on-site consumption)

R126 **JIMMY CHIU AUTO REPAIR** **RCRA-VSQG** **1005444230**
NNW **42-44 HAIGHT ST** **FINDS** **NYR000105502**
1/8-1/4 **FLUSHING, NY 11355** **ECHO**
0.244 mi. **NY MANIFEST**
1290 ft. **Site 2 of 3 in cluster R**

Relative: Higher

Actual: 26 ft.

RCRA-VSQG:

Date form received by agency:	2007-01-01 00:00:00.0
Facility name:	JIMMY CHIU AUTO REPAIR
Facility address:	42-44 HAIGHT ST FLUSHING, NY 11355
EPA ID:	NYR000105502
Mailing address:	HAIGHT ST FLUSHING, NY 11355
Contact:	GRACE TAI
Contact address:	HAIGHT ST FLUSHING, NY 11355
Contact country:	US
Contact telephone:	718-539-9051
Contact email:	Not reported
EPA Region:	02
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	HAIGHT STREET ENTERPRISES INC
Owner/operator address:	42-44 HAIGHT ST FLUSHING, NY 11355
Owner/operator country:	US
Owner/operator telephone:	718-539-9051
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	2001-01-01 00:00:00.
Owner/Op end date:	Not reported

Owner/operator name:	HAIGHT STREET ENTERPRISES INC
Owner/operator address:	42-44 HAIGHT ST FLUSHING, NY 11355
Owner/operator country:	US
Owner/operator telephone:	718-539-9051
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported

JIMMY CHIU AUTO REPAIR (Continued) **1005444230**

Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 2001-01-01 00:00:00.
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2006-01-01 00:00:00.0
Site name: JIMMY CHIU AUTO REPAIR
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 2002-04-16 00:00:00.0
Site name: JIMMY CHIU AUTO REPAIR
Classification: Small Quantity Generator

Hazardous Waste Summary:

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D018
. Waste name: BENZENE

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040
. Waste name: TRICHLORETHYLENE

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR

JIMMY CHIU AUTO REPAIR (Continued) **1005444230**

MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

FINDS:
Registry ID: 110012201857

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1005444230
Registry ID:	110012201857
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110012201857
Name:	JIMMY CHIU AUTO REPAIR
Address:	42-44 HAIGHT ST
City,State,Zip:	FLUSHING, NY 11355

NY MANIFEST:

Name:	JIMMY CHIU AUTO SALES & SERVICE
Address:	42-44 HAIGHT ST
City,State,Zip:	FLUSHING, NY 11355
Country:	USA
EPA ID:	NYR000105502
Facility Status:	Not reported
Location Address 1:	42 22 HAIGHT STREET
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	QUEENS
Location State:	NY
Location Zip:	11355
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYR000105502
Mailing Name:	JIMMY CHIU AUTO SALES & SERVICE
Mailing Contact:	JIMMY CHIU

JIMMY CHIU AUTO REPAIR (Continued) **1005444230**

Mailing Address 1:	42 22 HAIGHT STREET
Mailing Address 2:	Not reported
Mailing City:	FLUSHING
Mailing State:	NY
Mailing Zip:	11355
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	7185399051

NY MANIFEST:

Document ID:	ILA9094742
Manifest Status:	Not reported
seq:	01
Year:	2002
Trans1 State ID:	UPW151288
Trans2 State ID:	Not reported
Generator Ship Date:	05/28/2002
Trans1 Recv Date:	05/28/2002
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	06/03/2002
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000105502
Trans1 EPA ID:	SCR000075150
Trans2 EPA ID:	Not reported
TSDF ID 1:	ILD980613913
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	F005 - UNKNOWN
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00112
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00

P127 **132-25 MAPLE AVENUE VENTURES, LLC** **NY AST** **A100467823**
North **132-25 MAPLE AVENUE** **N/A**
1/8-1/4 **FLUSHING, NY 11355**
0.245 mi.
1296 ft. **Site 8 of 10 in cluster P**

Relative:
Higher

Actual:
38 ft.

AST:

Name:	132-25 MAPLE AVENUE VENTURES, LLC
Address:	132-25 MAPLE AVENUE
City,State,Zip:	FLUSHING, NY 11355
Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-358940
Program Type:	PBS
UTM X:	598598.74851
UTM Y:	4512115.89710
Expiration Date:	06/21/2023
Site Type:	Apartment Building/Office Building

Affiliation Records:

Site Id:	18025
Affiliation Type:	Facility Operator
Company Name:	132-25 MAPLE AVENUE VENTURES, LLC
Contact Type:	Not reported
Contact Name:	BRIAN GARLAND
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 721-5500
EMail:	Not reported
Fax Number:	Not reported
Modified By:	JSMACRI
Date Last Modified:	2018-09-13

Site Id:	18025
Affiliation Type:	Emergency Contact
Company Name:	132-25 MAPLE AVENUE VENTURES, LLC
Contact Type:	Not reported
Contact Name:	PAUL GRISHI
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(917) 832-5621
EMail:	Not reported
Fax Number:	Not reported
Modified By:	JSMACRI
Date Last Modified:	2018-09-13

Site Id:	18025
Affiliation Type:	Facility Owner
Company Name:	132-25 MAPLE AVENUE VENTURES, LLC
Contact Type:	PROPERTY MANAGER
Contact Name:	BRIAN GARLAND

132-25 MAPLE AVENUE VENTURES, LLC (Continued) **A100467823**

Address1:	1065 AVENUE OF THE AMERICAS 31ST FLOOR
Address2:	Not reported
City:	NEW YORK CITY
State:	NY
Zip Code:	10018
Country Code:	001
Phone:	(212) 721-5500
EMail:	Not reported
Fax Number:	Not reported
Modified By:	JSMACRI
Date Last Modified:	2018-09-13

Site Id:	18025
Affiliation Type:	Mail Contact
Company Name:	A + E REAL ESTATE MANAGEMENT
Contact Type:	Not reported
Contact Name:	BRIAN GARLAND
Address1:	1065 AVENUE OF THE AMERICAS
Address2:	31ST FLOOR
City:	NEW YORK
State:	NY
Zip Code:	10018
Country Code:	001
Phone:	(212) 721-5500
EMail:	BRIAN.GARLAND@AE-RE.COM
Fax Number:	Not reported
Modified By:	JSMACRI
Date Last Modified:	2018-12-12

Tank Info:

Tank Number:	002
Tank Id:	277908

Equipment Records:

E00 - Piping Secondary Containment - None
K01 - Spill Prevention - Catch Basin
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J05 - Dispenser - On Site Heating System (Supply/Return)
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None
C01 - Pipe Location - Aboveground
G02 - Tank Secondary Containment - Vault (w/access)
I05 - Overfill - Vent Whistle
B00 - Tank External Protection - None
F00 - Pipe External Protection - None

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	09/18/2015
Capacity Gallons:	10000
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported

132-25 MAPLE AVENUE VENTURES, LLC (Continued) **A100467823**

Date Tank Closed:	Not reported
Register:	True
Modified By:	JSMACRI
Last Modified:	09/13/2018
Material Name:	#2 fuel oil (on-site consumption)

P128 **132-25 MAPLE AVENUE VENTURES, LLC** **NY UST** **U004244772**
North **132-25 MAPLE AVENUE** **N/A**
1/8-1/4 **FLUSHING, NY 11355**
0.245 mi.
1296 ft. **Site 9 of 10 in cluster P**

Relative:
Higher

Actual:
38 ft.

UST:

Name:	132-25 MAPLE AVENUE VENTURES, LLC
Address:	132-25 MAPLE AVENUE
City,State,Zip:	FLUSHING, NY 11355
Id/Status:	2-358940 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	06/21/2023
UTM X:	598598.74851
UTM Y:	4512115.89710
Site Type:	Apartment Building/Office Building

Affiliation Records:

Site Id:	18025
Affiliation Type:	Facility Operator
Company Name:	132-25 MAPLE AVENUE VENTURES, LLC
Contact Type:	Not reported
Contact Name:	BRIAN GARLAND
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 721-5500
EMail:	Not reported
Fax Number:	Not reported
Modified By:	JSMACRI
Date Last Modified:	2018-09-13

Site Id:	18025
Affiliation Type:	Emergency Contact
Company Name:	132-25 MAPLE AVENUE VENTURES, LLC
Contact Type:	Not reported
Contact Name:	PAUL GRISHI
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(917) 832-5621
EMail:	Not reported
Fax Number:	Not reported
Modified By:	JSMACRI

132-25 MAPLE AVENUE VENTURES, LLC (Continued) **U004244772**

Date Last Modified:	2018-09-13

Site Id:	18025
Affiliation Type:	Facility Owner
Company Name:	132-25 MAPLE AVENUE VENTURES, LLC
Contact Type:	PROPERTY MANAGER
Contact Name:	BRIAN GARLAND
Address1:	1065 AVENUE OF THE AMERICAS 31ST FLOOR
Address2:	Not reported
City:	NEW YORK CITY
State:	NY
Zip Code:	10018
Country Code:	001
Phone:	(212) 721-5500
EMail:	Not reported
Fax Number:	Not reported
Modified By:	JSMACRI
Date Last Modified:	2018-09-13

Site Id:	18025
Affiliation Type:	Mail Contact
Company Name:	A + E REAL ESTATE MANAGEMENT
Contact Type:	Not reported
Contact Name:	BRIAN GARLAND
Address1:	1065 AVENUE OF THE AMERICAS
Address2:	31ST FLOOR
City:	NEW YORK
State:	NY
Zip Code:	10018
Country Code:	001
Phone:	(212) 721-5500
EMail:	BRIAN.GARLAND@AE-RE.COM
Fax Number:	Not reported
Modified By:	JSMACRI
Date Last Modified:	2018-12-12

Tank Info:

Tank Number:	001
Tank ID:	26727
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	20000
Install Date:	04/24/1959
Date Tank Closed:	09/18/2015
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0003
Common Name of Substance:	#6 Fuel Oil (On-Site Consumption)

Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	NRLOMBAR
Last Modified:	04/14/2017

132-25 MAPLE AVENUE VENTURES, LLC (Continued) **U004244772**

Equipment Records:

J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
K00 - Spill Prevention - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
L09 - Piping Leak Detection - Exempt Suction Piping
I04 - Overfill - Product Level Gauge (A/G)
G07 - Tank Secondary Containment - Excavation Liner
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

R129 **NEW COMPLETE AUTO** **NY AST** **A100360420**
NNW **42-22 HAIGHT STREET** **N/A**
1/8-1/4 **FLUSHING, NY 11355**
0.248 mi.
1311 ft. **Site 3 of 3 in cluster R**

Relative:
Higher

Actual:
25 ft.

AST:

Name:	NEW COMPLETE AUTO
Address:	42-22 HAIGHT STREET
City,State,Zip:	FLUSHING, NY 11355
Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-611776
Program Type:	PBS
UTM X:	598420.18469
UTM Y:	4512131.45259
Expiration Date:	03/14/2022
Site Type:	Auto Service/Repair (No Gasoline Sales)

Affiliation Records:

Site Id:	461924
Affiliation Type:	Facility Owner
Company Name:	HIGH STREET ENTERPRISES INC
Contact Type:	OWNER
Contact Name:	YI LONG LIN
Address1:	42-22 HAIGHT STREET
Address2:	Not reported
City:	FLUSHING
State:	NY
Zip Code:	11355
Country Code:	001
Phone:	(347) 219-6510
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KXLIU
Date Last Modified:	2019-11-25

Site Id:	461924
Affiliation Type:	Mail Contact
Company Name:	NEW COMPLETE AUTO
Contact Type:	Not reported
Contact Name:	LIN YI LONG
Address1:	42-22 HAIGHT STREET

NEW COMPLETE AUTO (Continued) **A100360420**

Address2:	Not reported
City:	FLUSHING
State:	NY
Zip Code:	11355
Country Code:	001
Phone:	(347) 219-6510
EMail:	COMPLETEAUTO2013@GMAIL.COM
Fax Number:	Not reported
Modified By:	KXLIU
Date Last Modified:	2019-11-25

Site Id:	461924
Affiliation Type:	Emergency Contact
Company Name:	NEW COMPLETE AUTO
Contact Type:	Not reported
Contact Name:	JOHN CHOU
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(646) 239-2261
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KXLIU
Date Last Modified:	2019-11-25

Site Id:	461924
Affiliation Type:	Facility Operator
Company Name:	NEW COMPLETE AUTO
Contact Type:	Not reported
Contact Name:	LIN YI LONG
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(347) 219-6510
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KXLIU
Date Last Modified:	2019-11-25

Tank Info:

Tank Number:	01
Tank Id:	243206
Material Code:	0022
Common Name of Substance:	Waste Oil/Used Oil

Equipment Records:

L00 - Piping Leak Detection - None
D00 - Pipe Type - No Piping
H00 - Tank Leak Detection - None

NEW COMPLETE AUTO (Continued) **A100360420**

E00 - Piping Secondary Containment - None
G00 - Tank Secondary Containment - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
I04 - Overfill - Product Level Gauge (A/G)
J00 - Dispenser - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	01/01/2010
Capacity Gallons:	275
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	KXLIU
Last Modified:	11/25/2019
Material Name:	waste oil/used oil

P130 **UNDERGROUND TANK** **NY LTANKS** **S117853814**
North **132-25 MAPLE AVE** **N/A**
1/4-1/2 **QUEENS, NY**
0.253 mi.
1334 ft. **Site 10 of 10 in cluster P**

Relative: **Higher**
Actual: **37 ft.**

LTANKS:

Name:	UNDERGROUND TANK
Address:	132-25 MAPLE AVE
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	1500530 / 2015-08-24
Facility ID:	1500530
Site ID:	506688
Spill Date:	2015-04-15
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	Not reported
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	vszhune
Referred To:	Not reported
Reported to Dept:	2015-04-15
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2015-04-15
Spill Record Last Update:	2015-08-24
Spiller Name:	MARISOL

UNDERGROUND TANK (Continued) **S117853814**

Spiller Company:	S&S
Spiller Address:	132-25 MAPLE AVE
Spiller County:	999
Spiller Contact:	MARISOL
Spiller Phone:	(718) 624-4842
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	461455
DEC Memo:	"pbs 2-358940 owner: 132-25 Maple Avenue Co., LLC C/O Algin Management 64-35 Yellowstone Blvd. Forrest Hills, NY 11375 Robert Rudaj BR@alginny.com 718-896-9600 6 to 2 oil conversion. Tank fialed. tank will needto be cleaned and determined if repairable or not. Temp tank set up. assigned to DEC Zhune for followup and closure. 4/28/15-Zhune spoke to Ray Lara. He said they cleaned the tank and tested and it failed the test with a dry leak. They cememted the fill port. They did the work through S&S Energy (631)926-2196."
Remarks:	"Tank test failure"

All Materials:

Site ID:	506688
Operable Unit ID:	1256031
Operable Unit:	01
Material ID:	2258826
Material Code:	0003A
Material Name:	#6 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

T131 **PRINCE CHARLES APARTMENTS** **NY LTANKS** **U000402991**
NE **42-10 COLDEN STREET** **NY UST** **N/A**
1/4-1/2 **FLUSHING, NY 11355**
0.270 mi.
1426 ft. **Site 2 of 2 in cluster T**

Relative: **Higher**
Actual: **53 ft.**

LTANKS:

Name:	KIBEL COMPANY
Address:	42-10 COLDEN ST
City,State,Zip:	FLUSHING, NY
Spill Number/Closed Date:	0603773 / 2007-06-20
Facility ID:	0603773
Site ID:	366555
Spill Date:	2006-07-05
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	HRPATEL
Referred To:	Not reported
Reported to Dept:	2006-07-05
CID:	409
Water Affected:	Not reported
Spill Notifier:	Tank Tester

PRINCE CHARLES APARTMENTS (Continued) **U000402991**

Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2006-07-05
Spill Record Last Update:	2007-06-20
Spiller Name:	MR.POLLACK
Spiller Company:	KIBEL COMPANY
Spiller Address:	42-10 COLDEN ST
Spiller County:	001
Spiller Contact:	MR.POLLACK
Spiller Phone:	(212) 481-5700
Spiller Extention:	230
DEC Region:	2
DER Facility ID:	316607
DEC Memo:	"07/06/06-Hiralkumar Patel. spoke to Dorothy Dabbs at Mr. Pollack's office. left message for Mr. Pollack. 07/10/06-Hiralkumar Patel. Received call from Tom from Protest. they dug out and open top of tank and found oil & water. tank is under driveway and that is only access to get back of building. Tom will be meeting owner at 10 AM tomorrow. 07/11/06-Hiralkumar Patel. Visited site with DEC Veronica. mat Tom from Protest and Mr. Archie Pollock (212-481-5700 Ext. 246). property has 10,000 gal #6 UST under driveway. driveway has about 4-5 inch thick concrete on top of tank. sunction and return lines come out from tank at top and runs under concrete for about 10 ft before enter into boiler room. Tom has opened concrete where these lines goes into building and found #6 oil in pit. asked Tom to run isolation test to find exact location of failure and will remediate accordingly. as per inventory records, oil usage is constant. after isolation test, Tom will open concrete and will look is there any oil around tank. Remon Fernandez, super of building. Ph. (718) 461-3735 managing agent; Dorothy Dabbs 300 E 34th Street Manhattan, NY 10016 Ph. (212) 481-5700 Ext. 231 FAX (212) 481-6485 PBS#: 2-203505 07/12/06-Hiralkumar Patel. sent out CSL with tank test, soil & groundwater delineation and endpoint sample requirements to Ms. Dabbs. faxed to Ms. Dabbs and to Tom at Protest. 07/28/06-Hiralkumar Patel. received fax from protest. they did isolation test and found tank, supply lines and return lines in good condition. need to replace remote fill, vent and possible both supply and one return line. 07/31/06-Hiralkumar Patel. left message for Mr. Pollack. 08/04/06-Hiralkumar Patel. left message for Mr. Pollack. 08/29/06-Hiralkumar Patel. spoke with Tom at protest. he has dug out 30-40 yards of contaminated soil. he has excavated area of 50 ft long and 6-8 ft deep. area close to street is not much bad but area close to garage has high contamination. as per Tom, he can't dig anymore due to foundation limitations and small access area. he has took some soil samples. asked Tom to send these samples to lab for analysis and to backfill area as no more excavation is possible. Tom will send lab analyticals with site plan as he get lab results of these samples. once get lab analyticals, based on that may need further soil/groundwater delineation. 10/06/06-Hiralkumar Patel. spoke with Tom at Protest. they got lab analyticals for samples taken. they will remove contaminated soil probably on Tuesday 10/10/06. Tom will send lab analyticals with site plan as he gets paid for work he did. 11/17/06-Hiralkumar Patel. spoke with Tom at Protest. they have replaced supply/return line with double wall pipe. they did tank test

PRINCE CHARLES APARTMENTS (Continued) **U000402991**

and it passed. 12/05/06-Hiralkumar Patel. spoke wiht John at Protest. he will check records and if they have paid they will release report. 12/11/06-Hiralkumar Patel. received message from John from Protest. left message for John. 12/19/06-Hiralkumar Patel. spoke with Tom at Protest. they haven't got payment yet so holding the report. left message for Mr. Pollock. 01/03/07-Hiralkumar Patel. spoke with Ms. Dabbs. she asked copy of CSL sent earlier. sent copy of CSL in fax. she will contact person who is handling this matter and will ask him to call me. 01/04/07-Hiralkumar Patel. spoke with Mr. Pollock. he is meeting John tomorrow and will send report next week. 01/08/07-Hiralkumar Patel. received passing tank test result from Protest. they will mail report next week. 01/12/07-Hiralkumar Patel. received report from Protest. abstract: - after initial tank test failure, found return line leaking - protest replaced all lines with double wall lines - removed 37.78 tons of contaminated soil and 1400 gal OF CONTAMINATED WATER FROM THE EXCAVATION. - 13 soil samples taken from excavation: five from bottom, three each of side walls (only two sidewalls as excavation touch building wall and UST), and one each of the two ends. - no contamination found in soil samples this report stating that contaminated water removed from excavation, but there is no any water sample taken from site. spoke with Bob at Protest. he told that water, that was removed from excavation, was rain water, but not a groundwater. asked Bob to send this in writing alongwith groundwater depth at site. report also MISSING SITE PLAN AND SAMPLE DEPTHS. Bob will send these missing informations. 03/02/07-Hiralkumar Patel. spoke with Bob at Protest. he has faxed required data earlier, but i haven't received it. Bob will send again. 03/05/07-Hiralkumar Patel. received letter and site plan from Bob. Bob mentioned that contamianted water, that was removed from excavation pit, was due to rainfall that filled the excavation, but no groundwater. as per protest, groundwater depth at side is greater than 14 ft and deepest point in excavation was 9 ft. 06/20/07-Hiralkumar Patel. based on available documents, case closed. NFA sent to Ms. Dabbs. letter faxed to Ms. Dabbs and Mr. Urban at Protest."

Remarks: "THE VENT IS THE PROBLEM AND WAS A DRY LEAK."

All TTF:

Facility ID:	0603773
Spill Number:	0603773
Spill Tank Test:	1550108
Site ID:	366555
Tank Number:	1
Tank Size:	10000
Material:	0003
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Watchdog
Last Modified Date:	Not reported

All Materials:

PRINCE CHARLES APARTMENTS (Continued) **U000402991**

Site ID: 366555
Operable Unit ID: 1124491
Operable Unit: 01
Material ID: 2113989
Material Code: 0003A
Material Name: #6 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

UST:
Name: PRINCE CHARLES APARTMENTS
Address: 42-10 COLDEN STREET
City,State,Zip: FLUSHING, NY 11355
Id/Status: 2-203505 / Unregulated/Closed
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 599018.05684
UTM Y: 4512143.43410
Site Type: Apartment Building/Office Building

Affiliation Records:
Site Id: 7026
Affiliation Type: Facility Owner
Company Name: HKAL PRINCE CHARLES LTD PARTNERSHP % KIBEL COS LLC
Contact Type: AUTHORZIED BLDG AGENT
Contact Name: MIKE IGLESIAS
Address1: 300 EAST 34TH STREET
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10016
Country Code: 001
Phone: (212) 481-5700
EMail: Not reported
Fax Number: Not reported
Modified By: KAKYER
Date Last Modified: 2013-09-23

Site Id: 7026
Affiliation Type: Mail Contact
Company Name: MS. SABI TENUTO/ABILENE INC.
Contact Type: Not reported
Contact Name: RAMON FERNANDEZ
Address1: 2402 NEPTUNE AVE
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10016
Country Code: 001
Phone: (718) 372-4210

PRINCE CHARLES APARTMENTS (Continued) **U000402991**

EMail: SABI@ABILENEINC.COM
Fax Number: Not reported
Modified By: KAKYER
Date Last Modified: 2013-09-23

Site Id: 7026
Affiliation Type: Facility Operator
Company Name: PRINCE CHARLES APARTMENTS
Contact Type: Not reported
Contact Name: RAMON FERNANDEZ
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 461-3735
EMail: Not reported
Fax Number: Not reported
Modified By: KAKYER
Date Last Modified: 2013-09-23

Site Id: 7026
Affiliation Type: Emergency Contact
Company Name: HKAL PRINCE CHARLES LTD PARTNERSHP % KIBEL COS LLC
Contact Type: Not reported
Contact Name: RAMON FERNANDEZ
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 461-3735
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 001
Tank ID: 18495
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 12000
Install Date: 12/01/1959
Date Tank Closed: 09/13/2013
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0003
Common Name of Substance: #6 Fuel Oil (On-Site Consumption)

Tightness Test Method: 21
Date Test: 08/22/2002
Next Test Date: Not reported

PRINCE CHARLES APARTMENTS (Continued) **U000402991**

Pipe Model: Not reported
Modified By: KAKYER
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
L09 - Piping Leak Detection - Exempt Suction Piping
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
I04 - Overfill - Product Level Gauge (A/G)
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

V132 **SKYLINE TOWERS #5, LLC.** **NY LTANKS** **U000406666**
ENE **43-23 COLDEN STREET** **NY UST** **N/A**
1/4-1/2 **FLUSHING, NY 11355**
0.275 mi.
1453 ft. **Site 1 of 3 in cluster V**

Relative: **Higher**
Actual: **39 ft.**

LTANKS:

Name:	SKYLINE TOWERS #5
Address:	43-23 COLDEN ST
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	1408731 / 2014-12-05
Facility ID:	1408731
Site ID:	502311
Spill Date:	2014-11-25
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	Not reported
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	HRPATEL
Referred To:	Not reported
Reported to Dept:	2014-11-25
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2014-11-25
Spill Record Last Update:	2014-12-05
Spiller Name:	CHRISTOPHER STEELE
Spiller Company:	APT BLD
Spiller Address:	42-23 COLDEN ST
Spiller County:	999
Spiller Contact:	CHRISTOPHER STEELE
Spiller Phone:	(718) 624-4842
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	457287
DEC Memo:	"Obligado (DD) - I called PTC. I was referred to call A&C Heating Oil

SKYLINE TOWERS #5, LLC. (Continued) **U000406666**

Company. She said the tank test was for a conversion job 718-383-9300. Obligado - I spoke to Diana at A&H. She said this test was performed as part of a conversion to gas job. The tank was previously emptied and cleaned. They did a test on the empty tank and the tank failed. They plan to isolate all the lines and retest. From PBS # 2-238996, the Site Name is Skyline Towers #5. The tank is a 20,000 gallon #6 oil tank. The RP is: Skyline Towers 5, LLC 43-44 Kissena Blvd Flushing, NY 11355 c/o Metro Mgmt Dev. Inc. same address. attn : Rene Morel 718-762-2320 ttf letter sent, assigned to KUmar Patel. 12/01/14-Hiralkumar Patel. 1:06 PM:- left message for Mr. Morel. 12/03/14-Hiralkumar Patel. 10:18 AM:- received call from Mr. Morel. he mentioned that the existing tank is double wall tank installed in 2002. the tank was cleaned around 11/23/14, but manhole cover was not properly sealed which caused initial failure. he claimed no release from the tank system. Eastmond resealed the manhole cover and retested the system yesterday which passed. asked Mr. Morel to submit report from Eastmond explaining cause of initial failure, confirmation of no petroleum release and passing result of tank system test. 12/05/14-Hiralkumar Patel. 11:45 AM:- received email from David Vega (dvega@easco.com) from Eastmond including closure letter with passing tank system test result. the tank system passed the test on 12/02/14 after tightening of loose alarm sensor fitting and sealing of loose tank manhole cover. David confirmed no oil release from the tank. based on submitted information, case closed. 12:00 PM:- sent spill closure letter to Mr. Morel. letter emailed to Mr. Morel (rmorel@metromanagementdev.com) and David."

Remarks: ""

All Materials:

Site ID:	502311
Operable Unit ID:	1251683
Operable Unit:	01
Material ID:	2253631
Material Code:	0003A
Material Name:	#6 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

UST:

Name:	SKYLINE TOWERS #5, LLC.
Address:	43-23 COLDEN STREET
City,State,Zip:	FLUSHING, NY 11355
Id/Status:	2-238996 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	08/23/2023
UTM X:	599175.99486
UTM Y:	4511975.57816
Site Type:	Apartment Building/Office Building

Affiliation Records:

Site Id:	8980

SKYLINE TOWERS #5, LLC. (Continued) **U000406666**

Affiliation Type:	Facility Owner
Company Name:	SKYLINE TOWERS 5, LLC.
Contact Type:	PROPERTY MANAGER
Contact Name:	RENE MOREL
Address1:	43-44 KISSENA BLVD.
Address2:	Not reported
City:	FLUSHING
State:	NY
Zip Code:	11355
Country Code:	001
Phone:	(718) 321-8630
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KAKYER
Date Last Modified:	2013-06-26

Site Id:	8980
Affiliation Type:	Mail Contact
Company Name:	SKYLINE TOWERS 5, LLC.
Contact Type:	Not reported
Contact Name:	RENE MOREL
Address1:	C/O METRO MGMT DEV. INC.
Address2:	43-44 KISSENA BOULEVARD
City:	FLUSHING
State:	NY
Zip Code:	11355
Country Code:	001
Phone:	(718) 762-2320
EMail:	RMOREL@RCN.COM
Fax Number:	Not reported
Modified By:	ACDANIEL
Date Last Modified:	2018-07-12

Site Id:	8980
Affiliation Type:	Facility Operator
Company Name:	SKYLINE TOWERS #5
Contact Type:	Not reported
Contact Name:	MICHAEL PADRON
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 762-2320
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	8980
Affiliation Type:	Emergency Contact
Company Name:	JONATHAN WOODNER COMPANY
Contact Type:	Not reported
Contact Name:	RENE MOREL
Address1:	Not reported
Address2:	Not reported

SKYLINE TOWERS #5, LLC. (Continued) **U000406666**

City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 762-2320
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	001
Tank ID:	96545
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	20000
Install Date:	02/01/2002
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Fiberglass coated steel
Material Code:	0003
Common Name of Substance:	#6 Fuel Oil (On-Site Consumption)
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	KAKYER
Last Modified:	04/14/2017

Equipment Records:

G04 - Tank Secondary Containment - Double-Walled (Underground)
B04 - Tank External Protection - Fiberglass
I02 - Overfill - High Level Alarm
L09 - Piping Leak Detection - Exempt Suction Piping
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring

Tank Number:	001-A
Tank ID:	96555
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	30000
Install Date:	Not reported
Date Tank Closed:	12/01/2001
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0003
Common Name of Substance:	#6 Fuel Oil (On-Site Consumption)

SKYLINE TOWERS #5, LLC. (Continued) **U000406666**

Tightness Test Method: 03
Date Test: 04/01/1997
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
C03 - Pipe Location - Aboveground/Underground Combination
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I04 - Overfill - Product Level Gauge (A/G)
F00 - Pipe External Protection - None

V133 **42-55 GOLDEN OWNERS CORP** **NY LTANKS** **U003127570**
NE **42-55 COLDEN ST** **NY UST** **N/A**
1/4-1/2 **FLUSHING, NY 11355** **NY Spills**
0.283 mi.
1496 ft. **Site 2 of 3 in cluster V**

Relative: **Higher**
Actual: **46 ft.**

LTANKS:

Name: 42-55 COLDEN ST
Address: 42-55 COLDEN ST
City,State,Zip: FLUSHING, NY
Spill Number/Closed Date: 9112404 / 1992-03-05
Facility ID: 9112404
Site ID: 267032
Spill Date: 1992-03-05
Spill Cause: Tank Overfill
Spill Source: Commercial/Industrial
Spill Class: Not reported
Cleanup Ceased: 1992-03-05
SWIS: 4101
Investigator: FINGER
Referred To: Not reported
Reported to Dept: 1992-03-05
CID: Not reported
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: True
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1992-03-11
Spill Record Last Update: 2004-09-30
Spiller Name: Not reported
Spiller Company: CASTLE
Spiller Address: Not reported
Spiller County: 999
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2

42-55 GOLDEN OWNERS CORP (Continued) **U003127570**

DER Facility ID: 217521
DEC Memo: ""
Remarks: "SUPT CONFIRMED CLEANUP."

All Materials:
Site ID: 267032
Operable Unit ID: 962738
Operable Unit: 01
Material ID: 417377
Material Code: 0003A
Material Name: #6 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 10.00
Units: G
Recovered: .00
Oxygenate: Not reported

UST:
Name: 42-55 GOLDEN OWNERS CORP
Address: 42-55 COLDEN ST
City,State,Zip: FLUSHING, NY 11355
Id/Status: 2-111295 / Unregulated/Closed
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 599086.55726
UTM Y: 4512081.34734
Site Type: Apartment Building/Office Building

Affiliation Records:
Site Id: 3456
Affiliation Type: Facility Owner
Company Name: ALMA REALTY ASSOC. C/O FERNANDO ALFONSO
Contact Type: PRESIDENT
Contact Name: ANTHONY J. LARA
Address1: 28-18 31ST STREET
Address2: Not reported
City: ASTORIA
State: NY
Zip Code: 11102
Country Code: 001
Phone: (917) 723-9807
EMail: Not reported
Fax Number: Not reported
Modified By: KAKYER
Date Last Modified: 2013-06-25

Site Id: 3456
Affiliation Type: Mail Contact
Company Name: 42-55 GOLDEN OWNERS CORP
Contact Type: Not reported
Contact Name: SOCRATIS FORADOULAS
Address1: 31-10 37TH AVE
Address2: Not reported
City: LONG ISLAND CITY

42-55 GOLDEN OWNERS CORP (Continued) **U003127570**

State: NY
Zip Code: 11101
Country Code: 001
Phone: (718) 267-0300
EMail: Not reported
Fax Number: Not reported
Modified By: KAKYER
Date Last Modified: 2013-06-25

Site Id: 3456
Affiliation Type: Facility Operator
Company Name: 42-55 GOLDEN OWNERS CORP
Contact Type: Not reported
Contact Name: RAMON MONTOYA
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (917) 723-9807
EMail: Not reported
Fax Number: Not reported
Modified By: KAKYER
Date Last Modified: 2013-06-25

Site Id: 3456
Affiliation Type: Emergency Contact
Company Name: ALMA REALTY ASSOC. C/O FERNANDO ALFONSO
Contact Type: Not reported
Contact Name: SOCRATIS FORADOULAS
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (347) 273-5778
EMail: Not reported
Fax Number: Not reported
Modified By: KAKYER
Date Last Modified: 2013-06-25

Tank Info:

Tank Number: 001
Tank ID: 4915
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 30000
Install Date: 12/04/1963
Date Tank Closed: 02/21/2012
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0003
Common Name of Substance: #6 Fuel Oil (On-Site Consumption)

42-55 GOLDEN OWNERS CORP (Continued) **U003127570**

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: KAKYER
Last Modified: 04/14/2017

Equipment Records:

J02 - Dispenser - Suction Dispenser
I00 - Overfill - None
L09 - Piping Leak Detection - Exempt Suction Piping
A00 - Tank Internal Protection - None
G99 - Tank Secondary Containment - Other
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H99 - Tank Leak Detection - Other
D00 - Pipe Type - No Piping

SPILLS:

Name: ON THE STREET
Address: 42-55 COLDEN STREET
City,State,Zip: FLUSHING, NY
Spill Number/Closed Date: 0310799 / 2003-12-19
Facility ID: 0310799
Facility Type: ER
DER Facility ID: 281165
Site ID: 281426
DEC Region: 2
Spill Cause: Unknown
Spill Class: C4
SWIS: 4101
Spill Date: 2003-12-19
Investigator: SMSANGES
Referred To: Not reported
Reported to Dept: 2003-12-19
CID: 444
Water Affected: Not reported
Spill Source: Unknown
Spill Notifier: Citizen
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2003-12-19
Spill Record Last Update: 2004-04-20
Spiller Name: Not reported
Spiller Company: UNKNOWN
Spiller Address: Not reported
Spiller Company: 999
Contact Name: JAMES ONEIL
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was SANGESLAND duplicate to spill #0310798 Spill Closed"
Remarks: "CALLER STATES UNKNOWN AMOUNT OF UNKNOWN PERTOLUEM IS LEAKING INTO STORM DRAIN, LOOKS LIKE SPEEDI DRY WAS PLACED DOWN. JUST AN FYI "

42-55 GOLDEN OWNERS CORP (Continued) **U003127570**

All Materials:

Site ID:	281426
Operable Unit ID:	878450
Operable Unit:	01
Material ID:	565605
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	L
Recovered:	.00
Oxygenate:	Not reported

Name:	APARTMENT BUILDING COMPLEX
Address:	42-55 COLDEN ST
City,State,Zip:	FLUSHING, NY
Spill Number/Closed Date:	1100610 / 2011-04-18
Facility ID:	1100610
Facility Type:	ER
DER Facility ID:	217521
Site ID:	448017
DEC Region:	2
Spill Cause:	Human Error
Spill Class:	C4
SWIS:	4101
Spill Date:	2011-04-18
Investigator:	RVKETANI
Referred To:	Not reported
Reported to Dept:	2011-04-18
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	Not reported
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2011-04-18
Spill Record Last Update:	2011-04-18
Spiller Name:	JERRY BRENIS
Spiller Company:	MARATHON ENERGY
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	RAMON
DEC Memo:	"4/18/11 - Raphael Ketani. About 10 gals. of #6 oil spilled onto the walkway ot a parking lot at the apartment building complex. I spoke to Bobby Base (the partner of Jerry Brenis) (718) 435-2200 of Marathon Oil about the spill. He said that the oil came out the vent line and spilled onto the pavement. There were no drains or soil in the area. The oil was contained with Speedi Dri. About 7 people are working on cleaning up the spill right now. As the spill was addressed quickly, and as the spill was #6 oil, and as the spill was a small amount of oil, I have determined that there was no threat to

42-55 GOLDEN OWNERS CORP (Continued) **U003127570**

the public or the environment. Therefore, I am closing the case."
Remarks: "all contained - cleanup in progress -"

All Materials:
Site ID: 448017
Operable Unit ID: 1198275
Operable Unit: 01
Material ID: 2194519
Material Code: 0003A
Material Name: #6 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 10.00
Units: G
Recovered: 10.00
Oxygenate: Not reported

134
NE
1/4-1/2
0.290 mi.
1533 ft.

CARLISLE TOWERS #3 **NY LTANKS** **S102555962**
42-49 COLDEN ST **N/A**
QUEENS, NY

Relative:
Higher

Actual:
50 ft.

LTANKS:
Name: CARLISLE TOWERS #3
Address: 42-49 COLDEN ST
City,State,Zip: QUEENS, NY
Spill Number/Closed Date: 9614962 / 2006-06-29
Facility ID: 9614962
Site ID: 173881
Spill Date: 1997-03-27
Spill Cause: Tank Failure
Spill Source: Private Dwelling
Spill Class: C4
Cleanup Ceased: Not reported
SWIS: 4101
Investigator: HRPATEL
Referred To: Not reported
Reported to Dept: 1997-03-27
CID: 370
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1997-03-27
Spill Record Last Update: 2006-09-15
Spiller Name: Not reported
Spiller Company: Not reported
Spiller Address: Not reported
Spiller County: 001
Spiller Contact: ABOVE
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2

CARLISLE TOWERS #3 (Continued) **S102555962**

DER Facility ID: 146260

DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was SANGESLAND Cross Ref#0009007 10/1/2003 Sangesland received a report from Jonathan Woodner Co. Property Manager (Rene Morel 718-321-8630). He said the tanks were uncovered by A.L. Eastmond and contaminated soil was found. 229 tons of contaminated soil was removed to an Albany landfill (manifests enclosed). NO endpoint samples were taken. Sangesland asked Mr. Morel to contact Eastmond and get soil boring end point soil samples from the area of the excavation. If these samples come back clean, the site can be closed out. 10/3/2003 Sangesland spoke with Phil LaRosa of AL Eastmond concerning this site. Since so much contaminated soil was removed and the 30,000 gal tank was removed, DEC will require some form of end point samples. AL Eastmond will make 6 geoprobe borings around the new 20,000 gal tank (2 per side, 1 each end). Depth will be below bottom of the tank pad. All samples checked with PID, hottest samples from each boring forwarded to the lab. When a submittal comes in to close this case out, change administrative closure on Spill #0009007 4/27/2004 Issac from Eastmond called to ask what work was needed to close out this case. Sangesland read the notes above. Issac will take care of making a submittal to DEC. 04/06/06-Hiralkumar Patel. Left message for Isaac. 05/05/06-Hiralkumar Patel. Spoke to Rene at Eastmond. he asked me to call Ms. Lizzett at (718) 378-7000 because he is not handling this kind of large excavation sites. Spoke to Ms. Lizzett and she will call back with more information. Spoke to Isaac at Eastmond and told him that to close out case, the Department needs soil sample results. he will contact owner. Spoke with Rene Morel (718-321-8630 EXt. 16), manager of property. told Rene about soil samples. he will talk to Isaac and will work to clear this case. 05/17/06-Hiralkumar Patel. Spoke to Isaac. he recevied call from Ms. Braca from managment office and told him that they will work out to resolve this matter. so Isaac doesn't know who will do remaining work. Spoke to Mr. Morel. they have applied for refinance and the bank, who is going to finance will conduct soil boring themselves probably next week. Mr. Morel call back with person's name and number in bank, who is handling this matter. Received message from Mr. Morel. Left message for Mr. Morel. Received call from Mr. Morel. Land America is the company which is going onsite on thursday May 25, 2006 for soil borings. he doesn't have contact name and number. asked him to call back with contact number. 05/25/06-Hiralkumar Patel. Left message for Mr. Morel. 06/05/06-Hiralkumar Patel. Left message for Mr. Morel. 06/16/06-Hiralkumar Patel. Received message from Mr. Morel. they got lab results and as per Mr. Morel samples came out clean. and bank is filling paper work and will submit report. spoke to Mr. Morel. he doesn't have lab results but he got message from Bank that samples are clean. he doesn't know when bank will send final report. 06/26/06-Hiralkumar Patel. spoke to Mr. Morel. as per Mr. Morel, bank has finished paper work. he asked me to call his boss Ms. Branka (718-706-7755 Ext. 31) as she is in contact of bank. left message for Branka for bank's contact information. 06/28/06-Hiralkumar Patel. Received message from Ms. Branka. spoke to Ms. Branka. she has report and will mail to the Department. PBS #: 2-242667 06/29/06-Hiralkumar Patel. Received PHase-II limited subsurface investigation report. four soil samples taken around tank deeper than bottom of previous UST. no contamination found in any sample. all cleaned. case closed."

Remarks: "ststem test failure will excavate and retest on april 1st pbs#2-242667"

CARLISLE TOWERS #3 (Continued) **S102555962**

All Materials:

Site ID:	173881
Operable Unit ID:	1046335
Operable Unit:	01
Material ID:	566718
Material Code:	0003A
Material Name:	#6 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

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135 **132-40 SANFORD AVE** **NY LTANKS** **S105999030**
North **132-40 SANFORD AVE** **N/A**
1/4-1/2 **QUEENS, NY**
0.300 mi.
1584 ft.

Relative: **Higher**

Actual: **34 ft.**

LTANKS:

Name:	132-40 SANFORD AVE
Address:	132-40 SANFORD AVE
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	0301843 / 2006-01-24
Facility ID:	0301843
Site ID:	236990
Spill Date:	2003-05-21
Spill Cause:	Tank Failure
Spill Source:	Private Dwelling
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	MJCRUDEN
Referred To:	Not reported
Reported to Dept:	2003-05-21
CID:	205
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2003-05-21
Spill Record Last Update:	2006-04-24
Spiller Name:	MR ELPIGIO
Spiller Company:	Not reported
Spiller Address:	132-40 SANFORD AVE
Spiller County:	001
Spiller Contact:	CALLER
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	195241
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was

132-40 SANFORD AVE (Continued) **S105999030**

SAWYER 5/21/03 TIPPLE UPDATING/ DEMEO DID SITE INSPECTION/PETROLEUM TANK CLEANERS DOING CLEANUP CONTAMINATED SOIL LETTER SENT TO BLD. OWNER Steve King-service rep from Hess- said fill line ruptured contaminated soil around fill line. Mgmt Agent said they would take care of cleanup. 1/7/04-Vought-Spill transferred from Vought to Sawyer. Cris Sawyer is case manager for this spill. 4/30/2004 Sangesland sent out a follow up letter to the property manager requesting closure documentation. 6/10/04 tipple updating////ABC doing cleanup, not PTC. 1/12/06 - called Joe Rooney and left message. Sent followup letter with spill report and May 21, 2003 Sangesland as attachments to request assistance in closing this spill. SPILL CLOSED ACCORDING 2005-06 SPILL CLOSURE INITIATIVE GUIDANCE. MR. ROONEY SUBMITTED DOCUMENTATION OF REMOVAL PERFORMED IN 2003."

Remarks: "tank ruptured. cleanup to be started."

All Materials:

Site ID:	236990
Operable Unit ID:	869862
Operable Unit:	01
Material ID:	562857
Material Code:	0003A
Material Name:	#6 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	50.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

V136 **138-35 ELDER AVE** **NY LTANKS** **S104620957**
ENE **138-35 ELDER AV** **N/A**
1/4-1/2 **QUEENS, NY**
0.301 mi.
1590 ft. **Site 3 of 3 in cluster V**

Relative:
Higher

Actual:
43 ft.

LTANKS:

Name:	138-35 ELDER AVE
Address:	138-35 ELDER AV
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	9914745 / 2006-01-30
Facility ID:	9914745
Site ID:	297789
Spill Date:	2000-03-29
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	gfmomber
Referred To:	Not reported
Reported to Dept:	2000-03-29
CID:	365
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False

138-35 ELDER AVE (Continued) **S104620957**

UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2000-03-29
Spill Record Last Update:	2006-01-30
Spiller Name:	APARTMENT BUILDING
Spiller Company:	Not reported
Spiller Address:	138-35 ELDER AV
Spiller County:	001
Spiller Contact:	APARTMENT BUILDING
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	240927
DEC Memo:	"Tank legally abandoned in 2000 by Bay Ridge Fuel. New tank installed (PBS ID# 2-601928)"
Remarks:	"CALLER HAS NO INFORMATION ON ANYTHING FURHTER"

All TTF:

Facility ID:	9914745
Spill Number:	9914745
Spill Tank Test:	1548176
Site ID:	297789
Tank Number:	1
Tank Size:	10000
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	F
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	297789
Operable Unit ID:	1092673
Operable Unit:	01
Material ID:	293035
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

W137 **WOODNER HOUSE CONDOS** **NY LTANKS** **U002034270**
ENE **138-35 ELDER AVE** **N/A**
1/4-1/2 **FLUSHING, NY**
0.304 mi.
1607 ft. **Site 1 of 2 in cluster W**

Relative:
Higher

Actual:
38 ft.

LTANKS:

Name:	WOODNER HOUSE CONDOS
Address:	138-35 ELDER AVE
City,State,Zip:	FLUSHING, NY
Spill Number/Closed Date:	9913354 / 2003-10-30
Facility ID:	9913354
Site ID:	179527
Spill Date:	2000-02-24
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	JMROMMEL
Referred To:	Not reported
Reported to Dept:	2000-02-25
CID:	281
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2000-02-25
Spill Record Last Update:	2003-10-30
Spiller Name:	JUSTIN FOX
Spiller Company:	JOHN B LEVITT AND ASSOC.
Spiller Address:	109-15 14TH AVE
Spiller County:	001
Spiller Contact:	JUSTIN FOX
Spiller Phone:	(718) 445-9500
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	150665
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was ROMMEL to be investigated and remediated under spill 9914745"
Remarks:	"TANK TEST FAILURE AT ABOVE LOCATION. PROPERTY MANAGER HAS BEEN ADVISED OF TEST RESULTS. UNKNOWN AT TIME OF CALL WHAT STEPS WILL BE TAKEN TO CORRECT PROBLEM. NO CALL BACK REQUESTED."

All TTF:

Facility ID:	9913354
Spill Number:	9913354
Spill Tank Test:	1548076
Site ID:	179527
Tank Number:	Not reported
Tank Size:	10000
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	16

WOODNER HOUSE CONDOS (Continued) **U002034270**

Test Method 2:	Tracer Tight
Leak Rate:	.00
Gross Fail:	F
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	179527
Operable Unit ID:	1091976
Operable Unit:	01
Material ID:	295209
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

X138 **UNDER PAVEMENT - TTF** **NY LTANKS** **S121120184**
ENE **137-31 45TH AVE** **N/A**
1/4-1/2 **FLUSHING, NY**
0.311 mi.
1642 ft. **Site 1 of 3 in cluster X**

Relative:
Higher

Actual:
33 ft.

LTANKS:

Name:	UNDER PAVEMENT - TTF
Address:	137-31 45TH AVE
City,State,Zip:	FLUSHING, NY
Spill Number/Closed Date:	1705840 / 2018-01-02
Facility ID:	1705840
Site ID:	559146
Spill Date:	2017-09-14
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	D4
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	RMPIPER
Referred To:	Not reported
Reported to Dept:	2017-09-14
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2017-09-14
Spill Record Last Update:	2018-01-02
Spiller Name:	Not reported
Spiller Company:	NY ARMENIAN HOME
Spiller Address:	Not reported
Spiller County:	999

UNDER PAVEMENT - TTF (Continued) **S121120184**

Spiller Contact:	JENNY AKOPYAN
Spiller Phone:	(718) 461-1504
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	107802
DEC Memo:	"9/14/ 17- DEC Piper spoke with Victoria at protest. Leak is a dry leak. Proposal for repairs and retest being sent. They will update me when needed. 2-286311 New York Armenian Home 137-31 45th Ave Flushing, NY 11355 Attn: Jenny Akopyan 1/2/2018 - DEC piper received and reviewed tank repair and retest. Tank Passes. Spill closed. closure letter in dEC Docs. "
Remarks:	"no impact, dry leak"

All Materials:

Site ID:	559146
Operable Unit ID:	1307149
Operable Unit:	01
Material ID:	2314033
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

X139 **NEW YORK ARMENIAN HOME** **NY LTANKS** **S103478391**
ENE **137-31 45TH AVE** **N/A**
1/4-1/2 **FLUSHING, NY**
0.311 mi.
1642 ft. **Site 2 of 3 in cluster X**

Relative:
Higher

Actual:
33 ft.

LTANKS:

Name:	NEW YORK ARMENIAN HOME
Address:	137-31 45TH AVE
City,State,Zip:	FLUSHING, NY
Spill Number/Closed Date:	9808448 / 2006-02-03
Facility ID:	9808448
Site ID:	124492
Spill Date:	1998-10-07
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	MJCRUDEN
Referred To:	Not reported
Reported to Dept:	1998-10-08
CID:	366
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0

NEW YORK ARMENIAN HOME (Continued) **S103478391**

Date Entered In Computer:	1998-10-08
Spill Record Last Update:	2006-02-08
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	AGIE ELLIAN
Spiller Phone:	(718) 461-1504
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	107802
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was M TIBBE Transferred from Tibbe to Cruden. sent letter 1/27/06 to obtain more info. documentation submitted and edoc'd"
Remarks:	"TANK FAILED TEST."

All TTF:

Facility ID:	9808448
Spill Number:	9808448
Spill Tank Test:	1546358
Site ID:	124492
Tank Number:	1
Tank Size:	2000
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	124492
Operable Unit ID:	1069633
Operable Unit:	01
Material ID:	315957
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

140
ESE
1/4-1/2
0.321 mi.
1693 ft.

RESIDENCE
56-49 141ST ST
FLUSHING, NY

NY LTANKS **S104514620**
N/A

Relative:
Higher

Actual:
62 ft.

LTANKS:

Name:	RESIDENCE
Address:	56-49 141ST ST
City,State,Zip:	FLUSHING, NY
Spill Number/Closed Date:	9708735 / 1997-11-14
Facility ID:	9708735
Site ID:	162602
Spill Date:	1997-10-25
Spill Cause:	Tank Overfill
Spill Source:	Private Dwelling
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	MMMULQUE
Referred To:	Not reported
Reported to Dept:	1997-10-25
CID:	323
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1997-10-25
Spill Record Last Update:	1997-11-14
Spiller Name:	KERRY
Spiller Company:	METRO FUEL
Spiller Address:	500 KINGSLAND AV
Spiller County:	001
Spiller Contact:	KERRY
Spiller Phone:	(718) 389-4500
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	137183
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MULQUEEN MILRO DID CLEANUP. UNABLE TO CONTACT RESIDENCE FOR INSPECTION"
Remarks:	"MILROE ENROUTE TO MEDIATE CLEAN UP."

All Materials:

Site ID:	162602
Operable Unit ID:	1055221
Operable Unit:	01
Material ID:	330686
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	70.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

141
NE
1/4-1/2
0.325 mi.
1717 ft.

HOUSING - APT BUILDING
137-05 FRANKLIN AVE
FLUSHING, NY

NY LTANKS **S107522649**
NY Spills **N/A**

Relative:
Higher

Actual:
59 ft.

LTANKS:

Name:	HOUSING - APT BUILDING
Address:	137-05 FRANKLIN AVE
City,State,Zip:	FLUSHING, NY
Spill Number/Closed Date:	0507471 / 2015-07-24
Facility ID:	0507471
Site ID:	352895
Spill Date:	2005-09-21
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	AXDORONO
Referred To:	Not reported
Reported to Dept:	2005-09-21
CID:	407
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2005-09-21
Spill Record Last Update:	2015-07-24
Spiller Name:	MR HAN
Spiller Company:	APT BUILDING
Spiller Address:	137-05 FRANKLIN AVE
Spiller County:	001
Spiller Contact:	MR HAN
Spiller Phone:	(718) 445-9500
Spiller Extention:	13
DEC Region:	2
DER Facility ID:	300193
DEC Memo:	"sent TTF Ltr to PBS address: Mr. Josh Fox John B. Lovett & Associates 109-15 14th Ave College Point, NY 11356 10/20/2005 Mr. Fox called asking for a time extension until Nov 14th. to submit the tank repair documentation. 11/9/2005 - Eastmond isolated the tank and the tank alone passed. The tank is now empty and the building is on a temp tank using #2 oil. Eastmond has been contracted to rebuild the fill and vent lines. However the city is doing road construction in front of the building and the city will not allow Eastmond to work for the next 7 days so the manager wants another time extension. Sangesland extended the time limit to Monday Nov. 28th. 11/23/2005 F&N hired to test the fill & vent lines to determine which lines need to be repaired. Deadline was extended to Dec 5th. 04/13/06- Case was transferred from Jake Krimgold to Koon Tang. 07/03/2007: This spill case was transferred to A. Doronova. AD 08/01/2007: Called John's B. Lovett & Associates - company which owns the site and spoke to their contact person - Monica Ghulam (phone: 718-445-9500 ext. 132) regarding a submittal of site cleanup and tank re-test reports. She promised to get back after collecting all information. AD 09/04/2007:

HOUSING - APT BUILDING (Continued) **S107522649**

Called and spoke to M. Ghulam again. She did not prepare requested information yet. Asked her to submitt all reports in two weeks. AD 10/2007: Spoke to M. Ghulam regarding documentation submission. AD 11/21/2007: Received via fax some reports from M. Ghulam. Will review. AD 11/30/2007: Report includes: lab data for soil samples, invoice addressed to John B. Lovett & Accosiates and a letter to Eastmond & Sons Boiler Repair company regarding a payment. A tank repair and re-test report from Eastmond & Sons and site diagram with location of the tank and soil samples location were not submitted. called to M. Ghulam and left a message. AD 01/07/2008: Did not receive any response yet. Called M. Ghulam and asked her to submit missing documentation due January 21, 2008. AD 02/2008 Did not receive requested documentation. AD 03/31/2009: Sent an Outstanding Violation letter. DL ecopy to eDocs. AD 05/2009: Did not received any response. Called and left a message to M. Ghulam. AD 03/16/2010: Looked at the PropertyShark for information for this address. 137-05 Franklin Avenue Owners, Inc. is listed as a property owner now. Looked for this company on the Internet, with no success. Looked at the ACRIS database for owners info. The block number is 5135, lot number is 57. The is only information on individual units owners. Checked PBS database. PBS Facility Registration Report listed for this address under number: 2-297879. The file lists 137-05 Franklin Avenue Owners, Inc. as a owner of the site and John's B. Lovett & Associates as a managing company. Tried to contact an operator to verify if this info is recent and correct. No one answers the phone. AD 11/02/2011: Called and tried to contact operator - Mr. Joseph Azarezyk, phone: (718)961-7956, with no success. Will send a letter to John's B. Lovett & Associates. AD 01/13/2012: Issued and sent a TT Failure Letter to Josh Fox of John's B. Lovett & Associates by certified mail (#7006 0100 0006 2620 0589). DL pdf copy of the letter to eDocs. Response is due February 10, 2012. AD 02/20/2012: No response was receved from the RP. AD 06/05/2013: Sent a Second Notice/TT Failure Letter to Josh Fox of John's B. Lovett & Associates by certified mail (#7006 0100 0006 2620 0565). DL pdf copy of the letter to eDocs. Response is due June 28, 2013. AD 06/24/2013: Received the return note from the certified mail dated June 24, 2013. The date of the signature is June 7, 2013. AD 02/2014: tried to contact operator, with no success. AD 07/07/2015: Received a phone call from Mr. Edwin Caldero - property new building manager. His contact phone number is: (718)344-8953. Explained to Mr. Caldera what documents need to be submitted in order to close the spill case. Gave my e-mail address for future submissions. AD 07/13/2015: Received an e-mail with an attached letter from Eastmond & Sons Boiler Repair & Welding Services. Will review. AD 07/17/2015: Reviewed submitted documents. Eastmond & Sons in the submitted letter confirm that they performed the following actions at the site: 1. Tightness tested the tank on 09/21/2005. It failed the test; 2. Re-tested the tank after isolating oil lines. The tank passed the tightness test; 3. Confirmed that the failure was caused by leaking oil fill line; 4. Excavated and removed leaking oil line and contaminated soil; 5. Replaced oil fill line; 6. Collected confirmatory soil samples. The attached labdata does not indicate any exceedances in the soil samples. The site plan indicating location of the tank in question, its supply lines and the area of soil excavation which was performed by Eastmond & Sons is missing. Called and spoke with Mr. Caldero. Reminded to submit the site plan. He asked for the written request, Sent him the following e-mail: Dear Mr. Caldero, As per our today s phone

HOUSING - APT BUILDING (Continued) **S107522649**

conversation, please submit the site plan indicating location of the tank in question, its supply lines and the area of soil excavation which was performed by Eastmond & Sons. It will be helpful, if locations of the soil samples collected by Eastmond & Sons in 2006 will be indicated on this site plan as well. Thank you for cooperation. Sincerely, Ainura Doronova AD 07/24/2015: Received the following e-mail from Mr. Caldera: Hi Ms. Ainura Doronova, Attached please find the site plan for 137-05 Franklin Avenue as per your last email request. I understand this is an old case and please let us know if you need anything, I will be more than happy to provide that to you. If you could kindly expedite the review process by any chance, it is highly appreciated. Thank you very much for your prompt attention to this matter. Have a great day! Edwin Caldero Property Manager - First Zone Realty & Management Inc. 35-26 Farrington Street, Suite 2F Flushing, NY 11354 Tel: 718-353-5333 - Fax:718-353-5334 Discuss the spill closure with J. Kolleeny of DEC. Based on the information provided, it was decided to approve the spill closure request. AD"

Remarks: "PBS No: 2-297879"

All TTF:

Facility ID:	0507471
Spill Number:	0507471
Spill Tank Test:	1549330
Site ID:	352895
Tank Number:	1
Tank Size:	12000
Material:	0003
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Watchdog
Last Modified Date:	Not reported

All Materials:

Site ID:	352895
Operable Unit ID:	1110368
Operable Unit:	01
Material ID:	2100380
Material Code:	0003A
Material Name:	#6 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	.00
Oxygenate:	Not reported

SPILLS:

Name:	ON STREET
Address:	137-05 FRANKLIN AVE

HOUSING - APT BUILDING (Continued) **S107522649**

City,State,Zip:	FLUSHING, NY
Spill Number/Closed Date:	0512736 / 2006-02-03
Facility ID:	0512736
Facility Type:	ER
DER Facility ID:	300193
Site ID:	359047
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	4101
Spill Date:	2006-02-02
Investigator:	SFRAHMAN
Referred To:	Not reported
Reported to Dept:	2006-02-02
CID:	73
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2006-02-03
Spill Record Last Update:	2006-02-03
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	JIM CAREY
DEC Memo:	"02/03/06 Sharif//I spoke with Jim Carey,(718)383-1400 and he said hose was broken near the truck valve. So, when the driver started pumping the oil, it came out of the hose. Crew cleaned the spill. No sewer or soil was impacted."
Remarks:	"HOSE RUPTURED ON A DELIVERY TRUCK. SPILL IS ON CONCRETE AND PAVEMENT. SPILL IS CONTAINED. CLEAN UP IN PROGRESS."

All Materials:

Site ID:	359047
Operable Unit ID:	1116271
Operable Unit:	01
Material ID:	2106414
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	15.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

142
NNE
1/4-1/2
0.333 mi.
1760 ft.

SPILL NUMBER 0011652
134-37 MAPLE AVE
FLUSHING, NY

NY LTANKS
NY Spills

S104951286
N/A

Relative:
Higher

Actual:
42 ft.

LTANKS:

Name:	APT. BUILDING
Address:	134-37 MAPLE AVE
City,State,Zip:	FLUSHING, NY
Spill Number/Closed Date:	0805799 / 2008-08-20
Facility ID:	0805799
Site ID:	402968
Spill Date:	2008-08-14
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	Not reported
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	hrpatel
Referred To:	Not reported
Reported to Dept:	2008-08-20
CID:	408
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	Not reported
Remediation Phase:	0
Date Entered In Computer:	2008-08-20
Spill Record Last Update:	2008-08-21
Spiller Name:	MOE MALICK
Spiller Company:	APT. BUILDING
Spiller Address:	134-37 MAPLE AVE
Spiller County:	001
Spiller Contact:	MOE MALICK
Spiller Phone:	(718) 424-5200
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	70183
DEC Memo:	"case closed. refer to spill #: 0311275."
Remarks:	""

All TTF:

Facility ID:	0805799
Spill Number:	0805799
Spill Tank Test:	2486677
Site ID:	402968
Tank Number:	Not reported
Tank Size:	4000
Material:	0003
EPA UST:	Not reported
UST:	True
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported

SPILL NUMBER 0011652 (Continued) **S104951286**

Modified By: Watchdog
Last Modified Date: Not reported

All Materials:
Site ID: 402968
Operable Unit ID: 1159708
Operable Unit: 01
Material ID: 2150825
Material Code: 0003A
Material Name: #6 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: G
Recovered: .00
Oxygenate: Not reported

SPILLS:
Name: SPILL NUMBER 0011652
Address: 134-37 MAPLE AVE
City,State,Zip: FLUSHING, NY
Spill Number/Closed Date: 0011652 / 2003-05-27
Facility ID: 0011652
Facility Type: ER
DER Facility ID: 70183
Site ID: 74887
DEC Region: 2
Spill Cause: Equipment Failure
Spill Class: C3
SWIS: 4101
Spill Date: 2001-01-29
Investigator: SMSANGES
Referred To: Not reported
Reported to Dept: 2001-01-29
CID: 382
Water Affected: Not reported
Spill Source: Tank Truck
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2001-01-29
Spill Record Last Update: 2003-05-27
Spiller Name: CALLER
Spiller Company: MYSTIC TRANSPORT
Spiller Address: 1901 STEINWAY ST
Spiller Company: 001
Contact Name: UNKNOWN
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was SANGESLAND administrative closure"
Remarks: "HOSE LET LOOSE FROM TRUCK CAUSING SPILL INTO STREET. MYSTIC TRANSPORT SENT CLEAN UP CREW AND ACTION ENVIROMENTAL IS ON STAND BY"

SPILL NUMBER 0011652 (Continued) **S104951286**

All Materials:

Site ID:	74887
Operable Unit ID:	833075
Operable Unit:	01
Material ID:	541954
Material Code:	0003A
Material Name:	#6 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	20.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	APT BUILDING
Address:	134-37 MAPLE AVE
City,State,Zip:	FLUSHING, NY
Spill Number/Closed Date:	0311275 / 2014-03-10
Facility ID:	0311275
Facility Type:	ER
DER Facility ID:	70183
Site ID:	74888
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C3
SWIS:	4101
Spill Date:	2004-01-02
Investigator:	HRPATEL
Referred To:	Not reported
Reported to Dept:	2004-01-05
CID:	402
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Citizen
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2004-01-05
Spill Record Last Update:	2014-03-10
Spiller Name:	PETER
Spiller Company:	APT BUILDING
Spiller Address:	134-37 MAPLE AVE
Spiller Company:	001
Contact Name:	MANAGEMENT OFFICE OF BUIL
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIPPLE 1/6/04 tipple attempted commumication seven times, spoke once with a representative of the building, the building rep agreed to be at the same phone number 15 minutes after the first communication with the name of the oil company that spilled the oil. Tipple tried to call and got an answering machine three times spaced 15 minutes apart and left messages on the machine. Tuesday morning Tipple attempted communication three more times. 1/8/04 tipple sent letter requesting documentation. Awaiting analyticals from borings and

SPILL NUMBER 0011652 (Continued) **S104951286**

photos of cleaned site. 4/15/04 Second letter sent registered return receipt//4/19 letter signed for// 9/14/04 Tipple conducted a site visit, photographed the outside debris. The Bld. Super stated that he no longer had a key to the boiler room and the person with the key was not available at the time. Tipple referred this case to legal affairs. //// 6/29/05 Attorney mtg //attorney arrived with no knowledge of situation// 7/27/05 MT updating// DEC Attorney Urda filed for penalty without hearing//PRP Attourney fails to respond 8/25/05 - Austin - Ressigned from Tipple to Zhao 2/8/2006 - JZ: As per Randy's direction, the spill is transferred to Mr. Patel to follow up. 02/27/06-Hiralkumar Patel. From Reverse Phone Directory, owner of this property: Mohammad Malik 39-25 61st Street Box 770538 Woodside, NY 11377 Mohammad Malik 84-11 Elmhurst Ave # 1f Elmhurst, NY 11373-3361 Ph. (718) 424-5200 (O) (917) 837-3636 Fax (718) 424-9701 email: malikmgmt@aol.com Called at Malik's office, but Malik was not there. left message for Malik. Discussed with John Urda in Legal Department, he told me that they are already working on this case. 05/03/07-Hiralkumar Patel. spoke with Mr. Mohammad. he requesting site visit/meeting. discuss with DEC Urda. he is waiting for some documents from central office. he suggest no site visit or meeting with owner until get final word from central office. 05/14/07-Hiralkumar Patel. left message for Mr. Malik. 05/15/07-Hiralkumar Patel. spoke with Mr. Malik. he will call back about site visit timing. 05/17/07-Hiralkumar Patel. left message for Mr. Malik. spoke with Mr. Malik. he will meet at 10 AM tomorrow. 05/18/07-Hiralkumar Patel. visited site. site has 4,000 gal UST. found new concrete patch on top of tank location and at fill port. met Mr. Gezim (646-217-8323), building super. he mentioned that they dug around tank all the way to bottom of tank and remove dirt and replace part of supply and return lines which runs underground before enters into boiler room. tank is located in back of boiler room in parking lot. as per Mr. Gazim, they haven't done any repair work on tank. found oil and contaminated speedy dry around boiler. asked Mr. Gazim to remove that. also found about six inch thick layer of oil in sump (1.5 ft * 1.5 ft). asked Mr. Gazim to unplug sump pump and not to run until sump gets clean. NYC DEP notified about oil in sump. DEP ref. #: 1618057 met Mr. Malik at site. he is president of 134 plus 37 Maple Ave Realty Inc. Mr. Malik mentioned that they haven't replace any lines (but super mentioned that they did replaced supply and return lines). they opened area around tank for general cleanup and remove dirt . Mr. Malik did work himself (no contractors) and took no endpoint samples. Mr. Malik mentioned that he did received ORDER OF THE COMMISSIONER , dated May 9, 2007 in certified mail (also hand delivered during visit) and has returned its receipt. as per Commissioner's order, Mr. Malik has to register UST within 15 days and within 30 days, he has to submit RAP. took some photographs in area where DEC Zhao took initially (tank location and vent pipe area). see E-docs. 05/21/07-Hiralkumar Patel. sent letter to Mr. Malik requiring tank registration, tank testing, soil/groundwater delineation around tank system including piping, endpoint soil samples (if applicable) and cleanup and endpoint samples from sump in boiler room. DEC Urda reviewed the letter, as legal case against responsible party. DEC Urda added requirement of payment of penalty, according to the order of the commissioner (see e-docs). letter faxed to Mr. Malik. 06/11/07-Hiralkumar Patel. from usps.com, letter from May 21st was delivered on May 23rd, 2007. received message from Mr. Malik. spoke with Mr. Malik. he askd for tank registration form. he

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admit that he received letter from the department dated May 21, 2007. sent email to Mr. Malik with tank registration form. 06/22/07-Hiralkumar Patel. spoke with Mr. Malik. he will call back. 06/26/07-Hiralkumar Patel. spoke with Mr. Malik. he hasn't hire anyone for work required in last letter. 07/11/07-Hiralkumar Patel. visited site again. no oil found in sump, but oil found on boiler room floor and looks like it was coming out from ground (see photographs on E-Docs). no work has done regarding soil/groundwater delineation. unsure about any work regarding tank test, tank registration and sampling from sump, which has dirt bottom. 07/13/07-Hiralkumar Patel. spoke with Mr. Malik. he hasn't hired any one yet for required work. 08/27/07-Hiralkumar Patel. spoke with DEC Urda. he is waiting for response from Mr. Malik and if no success, then will refer to attorney general's office. 11/01/07-Hiralkumar Patel. spoke with DEC Urda. no response from Mr. Malik till date. 06/04/08-Hiralkumar Patel. received email from DEC Urda asking to visit site. found PBS #: 2-610600. but no tank information. ---------- 06/11/08-Hiralkumar Patel. went to site on 06/10/08. met with super Mr. Gazim. he refused access to boiler room for inspection. called Mr. Malik's office. Mr. Malik was not around and person from his office told me that they can't approve site visit. discussed with DEC Austin. he suggest to get help from ECOs. received call from Mr. Malik. he scheduled site visit for tomorrow (06/12/08) at 3 PM. 06/12/08-Hiralkumar Patel. visited site with ECO. met building super. inspected boiler room. found new paint in entire boiler room including sump pit. super mentioned that there was no soil investigation done. soil investigation inside boiler room was required as found oil seeping into it. met Ravi Kumar, new building manager and Lisa Byrus, owner's representative. asked them to investigation soil around existing tank and inside boiler room. Ravi Kumar Maple 134-37 LLC. **site owner** 8411 Elmhurst Avenue, Apt. # 1F Elmhurst, NY 11373 Ph. (917) 742-2672 (C) email: ravinewyork@yahoo.com Lisa Byrus PH. (917) 576-0011 (C) (917) 837-3636 (H) email: lisab@gmail.com, milisomi@aol.com 06/16/08-Hiralkumar Patel. sent email to Ravi to submit complete information of property owner. 06/17/08-Hiralkumar Patel. left message for Ravi and Lisa. 06/18/08-Hiralkumar Patel. from Dept. of State website, addresses for Lisa Byrus, who signed property deed: Maple 134-37 LLC. Lisa A. Byrus 14 September Walk Long Beach, NY 11561 Maple 134-37 LLC. Lisa A. Byrus 700 Outpost Circle Wayne, PA 19087 from property deed document, found that Lisa signed as property manager and owner's representative. spoke with DEC Urda. he asked to send STIP to Lisa at both addresses (Long Beach and Wayne). 06/20/08-Hiralkumar Patel. sent CSL with STIP (reviewed by DEC Urda) to Lisa requiring tank registration, tank test, soil/groundwater delineation and endpoint samples. letter sent to Lisa at both addresses (at Long Beach and Wayne) with return receipt. letter emailed to Lisa, Ravi Kumar and DEC Urda. 07/02/08-Hiralkumar Patel. letter that was sent to Lisa at Wayne, PA address, came back undelivered. left message for Lisa. spoke with Ravi. he confirmed about receipt of letter and they are working on it. 07/08/08-Hiralkumar Patel. left message for Lisa and Ravikumar. 07/10/08-Hiralkumar Patel. letter that was sent to Lisa at Long Beach, NY address, came back undelivered. spoke with Lisa at Mr. Malik's office. she mentioned that she didn't received any mail or email. she asked to send letter to Long Beach address. asked Lisa for her email address or fax number, which she refused to give. spoke

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with DEC Urda. he asked not to send any further letter until get response from Attorney General's office. Urda will contact case manager in Attorney General's office. 07/28/08-Hiralkumar Patel. received call from DEC John. spoke with DEC John and Jacob Hollinger (212-416-8460) from Attorney General's office. during conference Jacob asked about status of STIP. informed him that Lisa asked me to send STIP via regular mail and refused to give her fax number. Jacob and John both agreed and asked to deliver STIP personally, with ECO, to Lisa in her office. 07/29/08-Hiralkumar Patel. spoke with desk person at Mr. Malik's office to confirm Ms. Byrus's office address. she mentioned that this is office of Lisa Byrus, but they get their mail at PO box 770538, Woodside, NY 11377. 07/31/08-Hiralkumar Patel. hand delivered CSL with STIP at Lisa's management office in Elmhurst, NY. ECO MIke Mat witnessed delivery of the letter. letter delivered to Ramiah M. Alrefai, person in Lisa's office. Ms. Alrefai refused to sign letter receipt confirmation. ECO Mat got her ID for record. Ramiah M. Alrefai driver ID #: 850 377 852 (NYS Learner permit) sent letter to address in Wayne, PA (7007 0220 0000 7643 4734) and Long Beach, NY (7007 0220 0000 7643 4727) via certified mail (without return receipt). dialed home phone number for Lisa (current owner), which is listed on ACRIS record, and found that it is cell number for Mr. Malik (previous owner) ----------****** dialed cell number for Lisa and she answered, but line disconnected. redialed but no reply. discussed with DEC Urda. he spoke with Jacob at AG's office. discussed with DEC Austin regarding starting a PIN job to test tank system to confirm any active leaks, as previous or current owner is not responding to the department's requirements. Austin mentioned that as no third party impacted, no need to start PIN project. he asked to wait and if any complaints received from third party at that point the department may hire contractor for required work. 08/06/08-Hiralkumar Patel. received email from DEC Urda. he found new PBS registration at the site. PBS #: 2-610600. 08/08/08-Hiralkumar Patel. spoke with DEC Urda. he mentioned that he received call from Lisa's attorney inquiring what needs to be done. Urda asked to submit signed STIP. 08/18/08-Hiralkumar Patel. received call from Richard Walsh, attorney representing property owner. spoke with Mr. Walsh. he asked for extension of deadline to submit signed STIP. approved his request and asked to submit signed STIP by end of Aug. 22, 2008. he mentioned that Don Carlo did tank test on friday 08/15/08. Richard Walsh Horing Welikson & Rosen P.C. PH. (516) 535-1700 Ext. 140 email: rwalsh@hwrpc.com left message at Don Carlo for test result. Danny Singh Don Carlo Ph. (718) 857-3100 (O) (347) 728-0768 (C) received fax from Don Carlo. they found wet leak in tank system. left message for Mr. Byrus and Mr. Walsh to pump out tank by end of tomorrow (08/19/08). sent email to Mr. Walsh with the same. spoke with Mr. Walsh. he forwarded message to property owner to pump out tank. 08/19/08-Hiralkumar Patel. received call from Romeo Santos from Don Carlo. they are planning to check manhole cover plate for any leak as they suspecting leak from old patch. mentioned to Romeo that during recent tank test, tank had 2714 gal of oil in 4000 gal tank, means no oil was around manhole cover and as wet leak found during test then tank must be leaking from somewhere else also. asked him to pump out tank immediately and then they can do investigation about manhole cover plate lateron. will pump out oil tomorrow (08/20/08). Romeo also mentioned that they did boring at one location to depth of 10 ft bg and found heavy clay layer. asked him to screen soil to depth of at least five ft below tank invert and piping and five ft below

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boiler room surface. 08/20/08-Hiralkumar Patel. spoke with front desk lady at Don Carlo. she mentioned that Romeo is at the site with Eastmond and they are pumping out tank. asked her to contact Romeo to call me. received call from Romeo. they empty out tank and found holes in west wall of the tank. visited site. met Romeo at the site. they pumped out oil and sludge from tank and found at lest 5-6 holes in west wall of the tank. as per cleaning guy from Eastmond, little oil was coming back into the tank through these holes. Romeo mentioned that tank top is 4 ft below grade and tank is 72 inches in diameter and 18 ft long. so tank bottom is 10 ft below grade. owner is planning to abandon tank in-place as no room to bring excavator in back of the building. Romeo mentioned that east side of tank is along garage foundation wall and south side is along building (boiler room) foundation wall, so no samples possible on east and south side of tank. he also mentioned that due to low clearance in garage, no sampling possible inside garage (which is east of tank location). so asked Romeo to collect following soil samples: - northeast corner of tank end towards garage building via boring to depth of at least 15 ft bg - northwest corner of tank end towards open parking lot in front of passage to street via boring to depth of at least 15 ft bg - three soil samples along west side of tank (where holes found in tank) via boring to depth of at least 15 ft bg - southwest corner of tank end towards vent pipe location via boring to depth of at least 15 ft bg - 3-4 samples through bottom of tank to depth of at least five ft below tank bottom (will drill holes in tank) - samples around boiler (specifically near entrance of supply/return line into boiler room) and through sump pit inside boiler room to a depth of at least five ft below respective surface also asked Romeo to test fill line for any leak and to seal fill line after testing. will install temporary tank tomorrow (08/21/08). owner is planning to install new 4000 gal AST inside garage behind building. asked Romeo to report another spill case based on leak in tank. another spill reported by Don Carlo regarding tank test failure. spill #: 0805799. new case closed and will be investigated under this old open case. 08/21/08-Hiralkumar Patel. received call from Romani from Don Carlo. she requested copy of STIP letter. sent email with copy of CSL with STIP to Romani (email: doncarllo@aol.com) at Don Carlo. 08/25/08-Hiralkumar Patel. received call from Danny from Don Carlo. during borings, they found contamination along west side of tank (along side where holes were found in tank). instead of analyzing samples, they will start excavation. will sent samples from other sides and bottom for analysis. asked Danny to test fill line and then to plug it. 08/29/08-Hiralkumar Patel. spoke with Danny at Don Carlo. he mentioned that they tested fill line and found tight. asked Danny to submit fill line test result. Danny also mentioned that they can remove tank and will talk to owner for required permit. Danny will call back with work schedule for tank removal. received letter from Don Carlo stating that fill line found tight during line test. ----- 09/19/08-Hiralkumar Patel. spoke with Danny. they recently got permit for tank removal and will schedule tank removal. asked Danny to call back with work schedule. 10/03/08-Hiralkumar Patel. received message from Danny from Don Carlo. he mentioned that they have dug out soil from tank top area and like to have site visit. visited site. met Danny. they removed soil from top of tank. found contaminated soil. will dug more and will remove tank. asked Danny to keep area safe (no accidents) and to monitor air. also asked to dug trench along supply/return line to remove any contamination (as found oil seeping

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into boiler room from supply line area). 10/09/08-Hiralkumar Patel. the department hasn't received signed STIP yet. spoke with DEC Urda. he will talk to attorney at AG's office. 10/17/08-Hiralkumar Patel. visited site. met Danny singh at the site. they have removed north half of the tank, towards parking lot. after removing tank, Danny found about 36 inches long un-welded portion in north end of the tank (tank corner close to garage where new tank will be). found contaminated soil under tank location. observed product under tank, at the edge of south portion of tank which is still in ground. Danny mentioned that they have cleaned two sidewall (north and west) and bottom of north half of tank location, but still more contamination beyond east sidewall. asked Danny to collect endpoint samples from bottom, north and west sidewall. asked him to collect endpoint samples at least six inches beyond existing excavation boundaries. also asked to do horizontal boring in east sidewall and asked to collect soil sampels with highest PID and deepest (horizontally) clean. they will remove second half of tank, from southern portion towards boiler room wall, once they backfill north portion of excavation. spoke with DEC Urda regarding STIP. he asked not to call Lisa Byrus as AG's office is working on this matter. 11/03/08-Hiralkumar Patel. spoke with Danny at Don Carlo. he has removed second half of tank and collected endpoint samples. excavation was backfilled to depth where old supply/return lines runs. 11/06/08-Hiralkumar Patel. received messages from Danny. spoke with Danny. he has removed supply/return lines and could not find any contamination (visually or PID). will collect endpoint bottom samples today. 12/15/08-Hiralkumar Patel. left message for Danny. 12/17/08-Hiralkumar Patel. received message from Danny. they have installed new tank. waiting for sample analyticals from lab. 01/09/09-Hiralkumar Patel. received call from Danny. he mentioned that new tank is running now. asked him regarding report. he mentioned that drums of contaminated soils are still on-site as he never got payments for earlier work. and laboratory is holding sample analytical results as waiting for payment. 06/26/09-Hiralkumar Patel. discussed case with DEC Urda and Jacob Hollinger in AG's office. 08/25/09-Hiralkumar Patel. 10:05 AM:- received message from Danny. 3:30 PM:- spoke with Danny. he will send documents to close the case. 09/25/09-Hiralkumar Patel. 10:16 AM:- spoke with Danny. he is waiting reponse from their attorney regarding some legal notice from property owner. will call back once have more info. 03/26/10-Hiralkumar Patel. DEC Urda informed me about hearing on 04/15/10 at 2:15 PM and asked me to be present in court to testify hand delivery of commissioner's order to Mr. Malik on 05/18/07. 07/01/13-Hiralkumar Patel. met with Mr. Malik and Isaac Mungra in office. they came to know what documents needed to close the case. informed them that the department requires tank removal report and remediation report for petroleum spill occurred from leaking UST. Isaac Mungra Ph. (347) 728-5999 (C) email: ijmungra@aol.com 08/12/13-Hiralkumar Patel. 2:33 PM:- received email from Lisa Fiener from NYS AG's office inquiring about what documents needed. 2:38 PM:- sent email to Ms. Fiener. informed her that the department has not received any document confirming spill cleanup. 4:33 PM:- informed Ms. Fiener about tank test failure for property across the street (134-38 Maple Ave, Spill #: 1305149), managed by Mohammad Malik/Lisa Byrus. 08/21/13-Hiralkumar Patel. 11:35 PM:- received call from Isaac Mungra requesting site visit. informed him that reports, for work done till now, must be submitted for review prior to any site inspection. 08/30/13-Hiralkumar Patel.

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received email from Ms. Feiner (at 5:08 PM on 08/29/13) including results of soil samples collected by Don Carlo on 08/21/08. total of seven soil samples were colleced: three samples (B6, B7 and B8) were collected from 8-12 ft depth, one sample (B9) was collected at 8 ft depth and three samples (B10, B11 and B12) were collected from 0-5 ft depth. some of the samples shows contamination. based on following, these samples must be from soil borings and are not endpoint soil samples after removal of the tank: - during site visit on 08/20/08, Romeo from Don Carlo mentioned that after cleaning tank, holes were found in west side of the tank. during site visit, asked him to conduct subsurface investigation, via installation of soil borings around the tank and inside the boiler room - on 08/25/08, Danny from Don Carlo called and informed that soil contamination noted in west side of the tank. so soil samples were not analyzed from the west side. he sent samples from other borings to lab. - during site visit on 10/03/08, contractor had exposed tank top - during site visit on 10/17/08, observed half of the tank removed - during phone conversation on 11/03/08, Danny from Don Carlo mentioned that the tank was removed completely and he had collected endpoint samples 09/03/13-Hiralkumar Patel. 1:42 PM:- received email from Ms. Feiner including copy of letter that she sent to Richard Walsh, property owner's attorney. Ms. Feiner asked Mr. Walsh to submit report for spill cleanup and tank removal activities. she advised Mr. Walsh to submit investigation plan, if required information is not available. 09/06/13-Hiralkumar Patel. received message from Artie Baldwin (at 8:33 AM on 09/05/13) from PAL Environmental. Arthur Baldwin PAL Environmental Services Ph. (718) 349-0900 (O) (917) 685-9496 (C) Fax (718) 349-2800 email: abaldwin@palcorp.com 9:20 AM:- spoke with Ardie. he has been contacted by Mr. Malik to resolve spill issue. discussed case status. he will submit cost estimate to Mr. Malik and will call back once contract signed. asked him to submit work plan/schedule prior to field work, so site visit can be made. 09/09/13-Hiralkumar Patel. 8:42 AM:- received call from Zeb Youngman from Zeb Environmental. he was contacted by Mr. Malik to provide cost estimate for required work. discussed case status. 11/14/13-Hiralkumar Patel. 2:53 PM:- left message for Danny at Don Carlo, inquiring about results of endpoint samples collected after tank removal. 01/03/14-Hiralkumar Patel. 9:49 AM:- received call from Zeb Youngman, inquiring about required scope of work. informed him that the department requires submission of tank removal report, if available, otherwise subsurface investigation at former UST location and piping and inside boiler room. Zeb will submit cost estimate to Mr. Malik. asked him to call back, once contract signed. Zeb Youngman Zeb Environmental Solutions, Inc. PH. (631) 594-5301 email: zyoungman@zebenvironmental.com 01/29/14-Hiralkumar Patel. 8:57 AM:- received email from Jim DeMartinis from J.R. Holzmacher. he mentioned that his company has been retained to address and close this spill. Jim DeMartinis J.R. Holzmacher P.E., LLC PH. (631) 234-2220 Ext. 102 (516) 983-6987 (C) Fax (631) 234-2221 email: jimd@holzmacher.com 03/07/14-Hiralkumar Patel. received email from Jim (at 6:48 PM on 03/05/14) including cleanup report. abstract: - seven soil borings (B6 through B12) were installed and soil samples were collected on 08/21/08 - tank was removed by Don Carlo - first round of endpoint samples were collected on 10/20/08, which showed some contamination - additional excavation was conducted - second round of endpoint samples were collected on 11/04/08 and found no contamination - soil sample was collected at suction/return line location on 11/19/08 and

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Remarks: no contamination was noted - contractor noted contaminated soil in boiler room sump during inspection in Jan. 2014 - one drum of contaminated soil was removed from sump and soil sample was collected on 02/24/14 - no contamination noted in sample from sump, collected on 02/24/14 10:34 AM:- left message for Ms. Feiner. 3:04 PM:- received call from Ms. Feiner. informed her about spill cleanup report prepared by JR Holtzmacher. 03/10/14-Hiralkumar Patel. based on available information and discussion with Ms. Feiner, case closed. 11:13 AM:- sent spill closure letter to Ms. Byrus. letter emailed to Ms. Byrus and Jim. letter copied to Ms. Feiner. **also refer to spill # 1305149 for 134-38 Maple Ave, as managed by same company.**" "resident of buidling has stated that oil is coming out of boiler room and pour into a drain to a parking garage. people are stepping and spreading it around. he has notified the SUPER (PETER) and he stated there is nothing he could do. "

All Materials:

Site ID:	74888
Operable Unit ID:	878952
Operable Unit:	01
Material ID:	500097
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

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143 **59TH AVE & COLLEGE PT BLVD** **NY LTANKS** **S100780993**
SSW **59TH AVE & COLLEGE PT BLVD** **N/A**
1/4-1/2 **COLLEGE POINT, NY**
0.336 mi.
1775 ft.

Relative: Higher

Actual: 18 ft.

LTANKS:

Name:	59TH AVE & COLLEGE PT BLVD
Address:	59TH AVE & COLLEGE PT BLVD
City,State,Zip:	COLLEGE POINT, NY
Spill Number/Closed Date:	9307781 / 1993-09-27
Facility ID:	9307781
Site ID:	207494
Spill Date:	1993-09-27
Spill Cause:	Tank Failure
Spill Source:	Commercial Vehicle
Spill Class:	C4
Cleanup Ceased:	1993-09-27
SWIS:	4101
Investigator:	GRIFFIN
Referred To:	Not reported
Reported to Dept:	1993-09-27
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Fire Department
Last Inspection:	Not reported
Recommended Penalty:	False

59TH AVE & COLLEGE PT BLVD (Continued) **S100780993**

Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1993-09-27
Spill Record Last Update:	2005-10-18
Spiller Name:	Not reported
Spiller Company:	UNK TRUCK
Spiller Address:	Not reported
Spiller County:	999
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	172172
DEC Memo:	""
Remarks:	"SADDLE TANK LEAK - DPW WAS ASKED TO SAND NYC DEP TO RESPOND. DEP HAZMAT, NYC DOS AND FIRE DEPT AT SCENE. DORMS CLEAN-UP."

All Materials:

Site ID:	207494
Operable Unit ID:	986291
Operable Unit:	01
Material ID:	394037
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	150.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

W144 **B'NAI B'RITH HOUSING** **NY LTANKS** **S103238463**
ENE **138-49 ELDER AVENUE** **N/A**
1/4-1/2 **FLUSHING, NY**
0.337 mi.
1781 ft. **Site 2 of 2 in cluster W**

Relative: **Higher**
Actual: **51 ft.**

LTANKS:

Name:	B'NAI B'RITH HOUSING
Address:	138-49 ELDER AVENUE
City,State,Zip:	FLUSHING, NY
Spill Number/Closed Date:	9407745 / 1995-08-29
Facility ID:	9407745
Site ID:	147083
Spill Date:	1994-09-09
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	TOMASELLO
Referred To:	Not reported
Reported to Dept:	1994-09-09
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester

B'NAI B'RITH HOUSING (Continued) **S103238463**

Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1995-03-30
Spill Record Last Update:	2004-07-06
Spiller Name:	Not reported
Spiller Company:	SAME
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	125229
DEC Memo:	""
Remarks:	"EIR-ASAP. NO DEC CALL BACK REQUIRED."

All TTF:

Facility ID:	9407745
Spill Number:	9407745
Spill Tank Test:	1543131
Site ID:	147083
Tank Number:	Not reported
Tank Size:	5000
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	-.86
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	147083
Operable Unit ID:	1005458
Operable Unit:	01
Material ID:	380745
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	QUEENS BNAI BRITH
Address:	138-49 ELDER AV
City,State,Zip:	FLUSHING, NY
Spill Number/Closed Date:	9803429 / 2004-10-14

B'NAI B'RITH HOUSING (Continued) **S103238463**

Facility ID:	9803429
Site ID:	237118
Spill Date:	1998-06-17
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	SMSANGES
Referred To:	Not reported
Reported to Dept:	1998-06-17
CID:	365
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1998-06-17
Spill Record Last Update:	2004-10-14
Spiller Name:	GINA CONSTINIA
Spiller Company:	TYREE ORGANIZATION
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	TYREE ORGANIZATION
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	195351
DEC Memo:	"10/14/2004 Sangesland received a letter from Judith Purnell of Queens B'nai B'rith. She says in the letter that a new tank was installed in late 1997. Tank was tested and passed on March 3, 1998. Tank failed a pressure test on June 17, 1998 Tank was retested and passed on Sept 25, 1998. Spill Closed"
Remarks:	"FAILED UST200 TANK TEST"

All TTF:

Facility ID:	9803429
Spill Number:	9803429
Spill Tank Test:	1545997
Site ID:	237118
Tank Number:	Not reported
Tank Size:	0
Material:	Not reported
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

Facility ID:	9803429
Spill Number:	9803429

B'NAI B'RITH HOUSING (Continued) **S103238463**

Spill Tank Test:	1545998
Site ID:	237118
Tank Number:	1
Tank Size:	4000
Material:	Not reported
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	20
Test Method 2:	USTest 2000/P/LL plus USTest 2000/U
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	237118
Operable Unit ID:	1064255
Operable Unit:	01
Material ID:	321747
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

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145 **43-70 KISSENA BLVD** **NY LTANKS** **S100153387**
ENE **43-70 KISSENA BLVD** **N/A**
1/4-1/2 **FLUSHING, NY**
0.345 mi.
1821 ft.

Relative:
Higher

Actual:
57 ft.

LTANKS:

Name:	43-70 KISSENA BLVD
Address:	43-70 KISSENA BLVD
City,State,Zip:	FLUSHING, NY
Spill Number/Closed Date:	9106895 / 2003-03-06
Facility ID:	9106895
Site ID:	138607
Spill Date:	1991-09-26
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	BATTISTA
Referred To:	Not reported
Reported to Dept:	1991-09-26
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported

43-70 KISSENA BLVD (Continued) **S100153387**

Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1991-10-03
Spill Record Last Update:	2003-09-09
Spiller Name:	Not reported
Spiller Company:	JONATHAN WOODNER
Spiller Address:	Not reported
Spiller County:	999
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	118511
DEC Memo:	""
Remarks:	"30K; DISCOVERED WHILE CLEANING TANK."

All Materials:

Site ID:	138607
Operable Unit ID:	961131
Operable Unit:	01
Material ID:	422564
Material Code:	0002A
Material Name:	#4 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

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146 **41-06 DELONG ST/QUEENS** **NY LTANKS** **S100145008**
NNW **41006 DELONG STREET** **NY Spills** **N/A**
1/4-1/2 **NEW YORK CITY, NY**
0.351 mi.
1853 ft.

Relative: **Lower**

Actual: **15 ft.**

LTANKS:

Name:	UNK
Address:	41-06 DELONG ST
City,State,Zip:	NEW YORK CITY, NY
Spill Number/Closed Date:	8710088 / 2003-03-13
Facility ID:	8710088
Site ID:	217003
Spill Date:	1988-03-01
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	A3
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	MCTIBBE
Referred To:	Not reported
Reported to Dept:	1988-03-01
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester

41-06 DELONG ST/QUEENS (Continued) **S100145008**

Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1988-03-02
Spill Record Last Update:	2004-02-17
Spiller Name:	Not reported
Spiller Company:	METROPOLITAN DISTRIBUTORS
Spiller Address:	41-06 DELONG ST
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	179664
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIBBE 3/13/2003 - Closed Due To The Nature / Extent Of The Spill Report.Refer To 92-08631."
Remarks:	"WILL TRY TO REPAIR TANK. "

All TTF:

Facility ID:	8710088
Spill Number:	8710088
Spill Tank Test:	1533351
Site ID:	217003
Tank Number:	Not reported
Tank Size:	0
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	217003
Operable Unit ID:	915008
Operable Unit:	01
Material ID:	461874
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

SPILLS:

Name:	41-06 DELONG ST/QUEENS

41-06 DELONG ST/QUEENS (Continued) **S100145008**

Address:	41006 DELONG STREET
City,State,Zip:	NEW YORK CITY, NY
Spill Number/Closed Date:	8809586 / 2001-11-06
Facility ID:	8809586
Facility Type:	ER
DER Facility ID:	108133
Site ID:	124917
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C4
SWIS:	4101
Spill Date:	1989-03-14
Investigator:	TOMASELLO
Referred To:	Not reported
Reported to Dept:	1989-03-14
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Local Agency
Cleanup Ceased:	2001-11-06
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1989-03-20
Spill Record Last Update:	2004-02-17
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	""
Remarks:	"NYCFD & NYCDEP EN ROUTE."

All Materials:

Site ID:	124917
Operable Unit ID:	925645
Operable Unit:	01
Material ID:	450770
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	200.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

X147 **JEFFERSON APARTMENTS** **NY LTANKS** **S107417115**
ENE **137-40 45TH AVE** **N/A**
1/4-1/2 **FLUSHING, NY 11355**
0.351 mi.
1853 ft. **Site 3 of 3 in cluster X**

Relative:
Higher

Actual:
41 ft.

LTANKS:

Name:	UNKNOWN RESIDENCE
Address:	137-40 45TH AVE
City,State,Zip:	FLUSHING, NY
Spill Number/Closed Date:	0509021 / 2005-10-28
Facility ID:	0509021
Site ID:	354733
Spill Date:	2005-10-27
Spill Cause:	Tank Test Failure
Spill Source:	Tank Truck
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	rvketani
Referred To:	Not reported
Reported to Dept:	2005-10-27
CID:	409
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2005-10-27
Spill Record Last Update:	2005-11-01
Spiller Name:	KAREN
Spiller Company:	UNKNOWN RESIDENCE
Spiller Address:	137-40 45TH AVE
Spiller County:	001
Spiller Contact:	KAREN
Spiller Phone:	(718) 939-1493
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	304747
DEC Memo:	"This is a second TTF for the same address. Cross Ref to last week's first TTF spill # 0508715 11/1/05 - Raphael Ketani. I will close this case and leave the earlier one, 0508715, open and active. They are the same inicident. "
Remarks:	"no remarks."

All TTF:

Facility ID:	0509021
Spill Number:	0509021
Spill Tank Test:	1549460
Site ID:	354733
Tank Number:	1
Tank Size:	7500
Material:	0003
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03

JEFFERSON APARTMENTS (Continued) **S107417115**

Test Method 2: Horner EZ Check I or II
Leak Rate: .00
Gross Fail: Not reported
Modified By: Watchdog
Last Modified Date: Not reported

All Materials:
Site ID: 354733
Operable Unit ID: 1112125
Operable Unit: 01
Material ID: 2102165
Material Code: 0003A
Material Name: #6 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

Name: JEFFERSON APARTMENTS
Address: 137-40 45TH AVE
City,State,Zip: FLUSHING, NY 11355
Spill Number/Closed Date: 0508715 / 2008-02-13
Facility ID: 0508715
Site ID: 354358
Spill Date: 2005-10-20
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: C4
Cleanup Ceased: Not reported
SWIS: 4101
Investigator: rvketani
Referred To: Not reported
Reported to Dept: 2005-10-20
CID: 409
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2005-10-20
Spill Record Last Update: 2008-02-13
Spiller Name: MARLIN JOESPH
Spiller Company: APARTMENT BUILDING
Spiller Address: 137-40 45TH AVE
Spiller County: 001
Spiller Contact: MARLIN JOESPH
Spiller Phone: (646) 772-7949
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 305018
DEC Memo: "Oil actually dripping according to Petroleum Tank Rep. No owner was found yet No PBS registration was found (note forwarded to DEC - Ben

JEFFERSON APARTMENTS (Continued) **S107417115**

Conlin about PBS registration) Sangesland called Petroleum Tank Cleaners, but they did not have the records of who hired them for this job available. They will call back with the information. 10/24/2005 Mark from PTC called back with management company contact info. TTF letter sent to: Elite Management 137-11 Booth Memorial Ave Flushing, NY 11355 Attn: Bob Mazillo 10/27/2005 Elite hired NYC Tank Tester to retest the tank.... It failed again. 11/1/2005 Sangesland got a message from Karen at Elite Management. They hired Abe at NY Tank Testing (646-321-2876) to repair/retest the system. 11/1/05 - Raphael Ketani. A later spill, #0509021, was called in for the second TTF and was closed and referred back to this case. I spoke to Abraham Wachsler of NY Tank Testing. He said that this is a very difficult job and he wasn't sure he wanted to deal with it. He said that the tank is 3 feet below the ground surface of the courtyard in back of the apartment building. He added that there is an alley way leading to the back of the building, but it is only 36 inches wide. It is too narrow for full size excavation equipment. On top of this, if he tries to lift the tank out (which he needs to in order to clean up the soil beneath, and which is 1400 gal. capacity), then there is no room for any equipment to manuver. Mr. Wachsler told me that they pumped out only 500 gal. of #6 oil from the tank even though the tank was recently filled. He believes 900 gal. escaped out the return line. He asked if there was some means of chemically treating the #6 oil that's in the ground below the courtyard, rather than physically scooping it up. I told him no and that he has to find some means of collecting all of the oil physically. Mr. Wachsler sounded reluctant to take on the cleanup, but he said he would attempt it. 11/2/05 - Raphael Ketani. There is no PBS case associated with this address. I will send a New TTF Letter and a PBS registration form to the owners of the building. Karen Spiller of Elite Management called me today. She is the manager of the property. She asked me to FAX a copy of the TTF letter to her (which I did at (718) 939-1693; her phone is 939-1493). She said the owners of the building are Jefferson Apartments at the case address - it's a co-op. 12/1/05 - Raphael Ketani. I spoke to Ms. Spiller regarding the case. She said that tank removal, the soil investigation and cleanup will start either December 12 or the beginning of next week. She said they will put in a smaller new tank. 12/20/05 - Raphael Ketani. I spoke to Ms. Spiller regarding progress on the cleanup. She said that the tank manhole was repaired last week, tightness tested and passed. I told her that I hadn't received a copy of the test report. She said she would send it to me. She mentioned that contaminated soil was still being removed. She said that 65 drums of soil had been excavated. I told her that I would also need a report describing all of the work that has been done to clean up the spill and copies of the waste manifests. She said she would have Mr. Wachsler send them to me. 1/25/06 - Raphael Ketani. I tried calling Ms. Spiller, but could only leave a message. 1/26/06 - Raphael Ketani. I reached Ms. Spiller. She said that Elite Management hadn't paid NYC Tank Testing and that is why I haven't received the closure report. She said that she has all of the paperwork, except the latest tank test. She said that the tank passed and that it is back in service. I told her that I expect her closure report soon. 2/3/06 - Raphael Ketani. I received a letter from Elite Management with a copy of the bill for work done by NYC Tank Testing which included repairing the tank system and a copy of the successful tank test. It also had copies of a letter with Consent Order attached dated January 26, 2006 regarding violations for failure to register

JEFFERSON APARTMENTS (Continued) **S107417115**

their tank. This document was from Mary Reynolds, DEE in Albany (518) 402-9510. I tried to call her to find out if Jefferson Apartments had satisfied the Order, but could only leave a message. PBS case is #2-610059 for the 7500 gal. tank containing #6 oil. 2/13/06 - Raphael Ketani. I received a call from Cheryl Cantor ((516) 352-4404) of Donald Yellin Company, 3000 Marcus Ave., rm. 2E4, Lake Success, NY, 11042. She said her company was taking over management of the building and finishing the remediation of the oil spill. She said that there was a large open pit now, but that NYC Tank Testing had left the job. She said she will hire Petroleum Tank Cleaners to assess the situation and finish the job. The leak was in the line (according to Ms. Cantor). She asked what I needed to close the spill case. I told her I still needed the soil removal manifest, where the soil was sent to, whether the soil qualified as hazardous waste and if a Part 364 transporter was used, a description of how the spill occurred, any impacts to drains or sewers, any impact to the environment, any impacts to neighboring properties, and what was done to finish the job. I sent her a letter to this effect today. After sending the letter, I tried calling Mary Reynolds ((518) 402-9527) of DEE to find out the status of the Order on Consent. I could not reach her so I left a voice mail message. Later, she called me to say that she sent the new owners of the building a new Consent Order to sign and satisfy. I told her (and I put it in the letter to Ms. Cantor) that the spill case will not be closed until the Consent Order requirements are completed. 2/28/06 - Raphael Ketani. I could not reach Ms. Cantor. So I left a voice mail asking what was the status of the cleanup and whether the new owners had signed the new Consent Order. 3/22/06 - Raphael Ketani. I spoke to Ms. Cantor. She said that she hired a new engineer to oversee the project. He is David Solomon, P.E. of Solomon Engineering at 1220 Broadway, Ste 803, NY, NY, 10001, phone (212) 465-1616. She said they are going to replace the tank, put a new one on feet inside, and dig up as much soil as they can. She said that she hoped the work will start soon. She said that Mr. Solomon will call me soon. Mr. Solomon called me back and told me that he has to get several bids for the work. Otherwise, the co-op wont give him the O.K. to start work. He said he has a few bids so far. He added that the plan is to abandon the tank in place and do soil borings to the water table. I told him that whatever company does the work should make sure the oil doesn't follow the drill hole down to the water table. I told him to get them to use bentonite slurry to plug the hole. He said this was acceptable to him. He said he expects to start soon and then he will get the analytical results in about 3 weeks and submit them. 4/21/06 - Raphael Ketani. I tried to reach Mr. Solomon, but his office was closed this week for the holidays. I asked him to call me back next week. 6/22/06 - Raphael Ketani. I tried calling Mr. Solomon and Ms. Cantor, but could only leave messages. 7/5/06 - Raphael Ketani. I tried calling Mr. Solomon, but could only leave a message. I said that if I didn't hear from him soon, then I will have ECOs come out and issue fines. 7/20/06 - Raphael Ketani. I called Ms. Cantor. She said that she has been trying to reach Mr. Solomon for a very long time. She said his crew has been over to the building to look over the site, but nothing has happened. She said she paid him half of the money for the proposed work. I told her I will call Mr. Solomon. I called Mr. Solomon and left a message for him to call me back as I know nothing is happening at the site and the DEC is concerned. 8/11/06 - Raphael Ketani. I tried calling Ms. Cantor (516) 352-4404 and Mr. Solomon (212)

JEFFERSON APARTMENTS (Continued) **S107417115**

465-1616, but could only leave voice mail messages. 8/14/06 - Raphael Ketani. I reached Ms. Cantor, but could not reach Mr. Solomon. Ms. Cantor said that nothing has happened, except uncovering the tank and emptying it out. She said that Mr. Solomon had not been in contact with her for some time and so everyone is very frustrated with the situation standing still. She said the co-op is running on gas, which is very expensive, and so they are unhappy. She said her boss had called Mr. Solomon from a phone that Mr. Solomon wouldn't recognize and got ahold of him. When he did, Mr. Solomon said that his computer had crashed and that he was trying to reconstruct his records. Ms. Cantor's boss told him to call DEC quickly to inform DEC as to what is happening. Mr. Solomon said he would call DEC. This was a week ago and I haven't heard anything from Mr. Solomon. Ms. Cantor asked whether DEC had a list of contractors. I said yes , but that I will not make any recommendations. She asked that I send it to her. So I did. 8/30/06 - Raphael Ketani. I contacted Ms. Cantor. She said she had given Mr. Solomon the list of contractors that I had provided, but I told her I still hadn't heard anything from him. She said to give her a little more time to get this cleanup moving. I told her that would be alright. 9/25/06 - Raphael Ketani. Mark Salamack of PTC called (917) 559-5519 and left a message. He said that oil was running through the wall and into the basement of the building. I tried to call him, but could only leave a message. Mr. Salamack called me back. He said that #6 oil is seeping into the superintendents office. He said that the office floor is about 8 feet below the ground surface. He said that the tank is still there, but it is empty. He said that the building is using 2 temporary 275 gal. tanks. Mr. Salamack isn't sure that PTC will take the job as you can't get equipment back there. He will let me know what happens. Next, I spoke to Ms. Cantor. I told her that I had spoken to Mr. Salamack and he told me that oil is seeping into the super's office. She said that PTC was going to do the job. I told her that Mr. Salamack told me that he isn't sure just yet whether he is going to do the work due to the limited access and the tight conditions behind the building. She said, Oh, I thought he was going to take the job. I told her that I needed someone to check on the vapors entering the building. I told her that children, sick people, and the elderly could be at risk if the vapors are too high. She said she will check on the vapors in the apartments herself and get back to me. Ms. Cantor called me back a few minutes later. She said she spoke to the super and he told her there are no seeps of oil into the building. She said she will check things out anyway. 11/3/06 - Raphael Ketani. Mr. Salamack called me. He said they did some investigating and did some borings around the tank. He said he had one hot spot with a number of VOC exceedences that were far above the TAGM 4046 limit (napthalene, mixed xylenes, isopropylbenzene, n-propylbenzene, 1-2-4-trimethylbenzene, n-butylbenzene). He said that the other soil samples came up below TAGM or clean. He said that he can't get any equipment behind the building that is large enough to remove the tank. I told him the tank can be abandoned in place, but DEC must get a revised PBS. He offered to do borings through the bottom of the tank. I told him DEC wanted 2 through the tank and 1 boring through the floor of the super's office where the oil was seeping in. He said he would do this. He added that the major contamination had been around the lines and that this soil had been previously excavated and drummed up by the previous contractor. He said the previous contractor had left 10 full and sealed drums on site. I asked him to

JEFFERSON APARTMENTS (Continued) **S107417115**

take these away. He said he would. 2/1/07 - Raphael Ketani. Mr. Salamack called. He said that they did the geoprobing. He said they drilled a hole in the floor of the super's office and the soil was clean. He said there was lots of contaminated soil on top of the tank, but it has been removed. He said that there is one contaminated area between the tank and the building that they can't get equipment into and dig out. I asked him what type of oil is contaminating everything. He said it's #6. I told him to send me a report regarding everything with a statement as to why they couldn't remove the soil between the tank and the building. He said he would do this. 4/3/07 - Raphael Ketani. I received the spill closure report from Mr. Salamack of PTC. I reviewed the report and saw that there were only a few exceedences for many samples and these were only low levels of SVOCs. The red geoprobe locations were indicated on the map that was enclosed and the tank is listed as in service when it is out of service. I called up Mr. Salamack, but could only leave a message. I let him know that I still had these 2 issues. 4/5/07 - Raphael Ketani. Mr. Salamack FAXed me a plan with the geoprobe locations. Also, Ms. Cantor FAXed me the revised PBS application that she was submitting to Nicholas Lombardo of the PBS Unit. 7/26/07 - Raphael Ketani. The PBS record #2-610059 shows a 7500 gal. tank with #6 oil that is in service. However, the 1400 gal. UST that is outside the building is not listed. I called up Ms. Cantor (516) 352-4404 to request clarification on this issue, but could only leave a message. 7/27/07 - Raphael Ketani. Ms. Cantor called me back. She said that the 7500 gal. tank was cleaned, filled, and closed in place and a new 5000 gal. tank was installed inside the building. I told her to send Nick Lombardo the revised PBS registration for the tanks showing both of them and with the owner's original signature. I told her this is the only thing holding up closing the case. She said will send the form. 10/18/07 - Raphael Ketani. I checked the PBS registration. It still shows the old tank as in service and no new tank. I called up and spoke to Ms. Cantor. She said that she had sent a correction to the registration months ago. I told her to FAX it to me and I will walk it over. I received the package of documents from Ms. Cantor regarding the PBS registration. The documents included copies of the Certificate of Approval for Oil Burning, a letter from Aggressive Heating Inc., a 4 page document from the NYC Dept. of Buildings, the PBS form she had sent back in April 2007, the application deficiency form from 4/11/07, and the PBS Certificate for the old tank. 10/19/07 - Raphael Ketani. I gave the PBS form showing the proper status of the old tank to Nick Lombardo of the PBS Unit. He will enter the changes and talk to Ms. Cantor regarding getting the new tank registered. Mr. Lombardo sent Ms. Cantor a letter instructing her as to what needed to be done to correct the registration for the 2 tanks. 11/6/07 - Raphael Ketani. I spoke to Mr. Lombardo regarding the PBS registration. I told him that the old tank still isn't registered properly and that the new tank isn't shown. He said that he will research his records. I called up Ms. Cantor and she said that she just received the letter from Mr. Lombardo last week with the instructions regarding how to correct the PBS registration. Mr. Lomardo showed me the letter he had sent with the date of 10/19/07. I told her to mail in the corrected PBS with the original signature as soon as possible. She said that she will get on it today. 11/19/07 - Raphael Ketani. I checked the PBS registration #2-610059. The old 7500 gal. tank is still listed as in service and the new tank isn't shown. 11/30/07 - Raphael Ketani. The tank registration was never

JEFFERSON APARTMENTS (Continued) **S107417115**

properly completed for either tank after many attempts at reminding Ms. Cantor that it had to be done. Therefore, Jake Krimgold, Supervisor of the Region 2 PBS Unit, was contacted about the non-registration. 2/13/08 - Raphael Ketani. I checked the PBS registration and the 7500 gal. tank is still listed as active. This is the only registration in the database. I spoke to Nick Lombardo of the PBS Unit and he said that Ms. Cantor never returned the corrected PBS registration form. As no progress is being made regarding the registration and since this is the only issue left, I sent the following e-mail to Mary Reynolds of DEE: Good morning Ms. Reynolds: I tried to call you, but you weren't in. I checked the PBS registration #2-610059, but it still shows only the old 7500 gal. tank as in service. Of course, this isn't correct. The registration should show the closed in place 7500 gal. tank and a newly installed 5000 gal. tank. Cheryl Cantor of the Donald Yellin Co. (516) 352-4404, the managing agent, had sent in a corrected PBS form several months ago, but it had errors. It was sent back with instructions from Nick Lombardo of the PBS Unit. We never received the corrected form. On 2/13/06, we talked about the case and you told me that you had sent a new Consent Order to the managing agent to be signed. Have you received the signed Order? As the spill has been remediated, this case has turned into only a PBS registration issue. As your office is handling the PBS registration, I am closing the spill case. Sincerely, Raphael Ketani Engineering Geologist II Based upon the removal of as much of the contaminated soil as is physically possible, given the very tight work area, the cleaning out of the old tank, and the fact that there are no impacts to residents, I am closing the spill case. "

Remarks: "BELOW LIQUID LEAKS. OIL TRVELING INTO THE BOILER ROOM."

All TTF:

Facility ID:	0508715
Spill Number:	0508715
Spill Tank Test:	1549424
Site ID:	354358
Tank Number:	1
Tank Size:	7500
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Watchdog
Last Modified Date:	Not reported

All Materials:

Site ID:	354358
Operable Unit ID:	1111772
Operable Unit:	01
Material ID:	2101818
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported

JEFFERSON APARTMENTS (Continued) **S107417115**

Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	False

148
North
1/4-1/2
0.354 mi.
1870 ft.

Relative:
Higher

Actual:
31 ft.

133-01 SANFORD AVE/QUEENS **NY LTANKS** **S102671231**
133-01 SANFORD AVE **N/A**
NEW YORK CITY, NY

LTANKS:

Name:	133-01 SANFORD AVE/QUEENS
Address:	133-01 SANFORD AVE
City,State,Zip:	NEW YORK CITY, NY
Spill Number/Closed Date:	8708774 / 1988-01-14
Facility ID:	8708774
Site ID:	265916
Spill Date:	1988-01-14
Spill Cause:	Tank Overfill
Spill Source:	Private Dwelling
Spill Class:	Not reported
Cleanup Ceased:	1988-01-14
SWIS:	4101
Investigator:	RWAUSTIN
Referred To:	Not reported
Reported to Dept:	1988-01-14
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Fire Department
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1988-01-22
Spill Record Last Update:	1989-03-13
Spiller Name:	Not reported
Spiller Company:	PRIME OIL
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	216681
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was AUSTIN "
Remarks:	"TANK OVERFILL CAUSED SPILL IN BASEMENT AND ON SIDEWALK. NO IMPACT TO SEWERS OR SOIL, ACCORDING TO FIRE DEPT, NO ACTION REQUIRED BY DEC."

All Materials:

Site ID:	265916
Operable Unit ID:	913438
Operable Unit:	01
Material ID:	464142

133-01 SANFORD AVE/QUEENS (Continued) **S102671231**

Material Code:	0003A
Material Name:	#6 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	75.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Y149 **CARLISLE TOWERS** **NY LTANKS** **S103570442**
NE **43-32 KISSENA BLVD** **NY Spills** **N/A**
1/4-1/2 **QUEENS, NY**
0.355 mi.
1877 ft. **Site 1 of 2 in cluster Y**

Relative:
Higher

Actual:
60 ft.

LTANKS:

Name:	43-32 KISSENA BLVD
Address:	43-32 KISSENA BLVD
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	9700140 / 1998-09-14
Facility ID:	9700140
Site ID:	191293
Spill Date:	1997-04-03
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	SIGONA
Referred To:	Not reported
Reported to Dept:	1997-04-03
CID:	369
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1997-04-03
Spill Record Last Update:	1998-09-14
Spiller Name:	MIKE NACLERIO
Spiller Company:	43-32 KISSENA BLVD.
Spiller Address:	43-32 KISSENA BLVD.
Spiller County:	001
Spiller Contact:	MIKE NACLERIO
Spiller Phone:	(718) 762-2320
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	159555
DEC Memo:	""
Remarks:	"TANK HAS DENT AND TANK WALLS ARE TOO WEAK TO TEST AN DENTED REFERECE SPILL #9614948 TANK OWNER HAS APPOINTMENT EASTMAN TANK FOR SOLUTION "

All TTF:

Facility ID:	9700140
Spill Number:	9700140

CARLISLE TOWERS (Continued) **S103570442**

Spill Tank Test:	1545059
Site ID:	191293
Tank Number:	001a
Tank Size:	30000
Material:	0003
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	-1.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	191293
Operable Unit ID:	1042858
Operable Unit:	01
Material ID:	336753
Material Code:	0003A
Material Name:	#6 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

SPILLS:

Name:	CARLISLE TOWERS
Address:	43-32 KISSENA BLVD
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	9614948 / 1998-09-14
Facility ID:	9614948
Facility Type:	ER
DER Facility ID:	159555
Site ID:	191292
DEC Region:	2
Spill Cause:	Other
Spill Class:	C3
SWIS:	4101
Spill Date:	1997-03-27
Investigator:	SIGONA
Referred To:	Not reported
Reported to Dept:	1997-03-27
CID:	370
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False

CARLISLE TOWERS (Continued) **S103570442**

UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1997-03-27
Spill Record Last Update:	1998-09-14
Spiller Name:	RENEE MOREL
Spiller Company:	CARLISLE TOWERS
Spiller Address:	43-32 KISSENA BLVD
Spiller Company:	001
Contact Name:	RENEE MOREL
DEC Memo:	""
Remarks:	"system failure will excavate and will be back april 1st to do tank test pbs#2-294233"

All Materials:

Site ID:	191292
Operable Unit ID:	1042522
Operable Unit:	01
Material ID:	340047
Material Code:	0003A
Material Name:	#6 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

150
NE
1/4-1/2
0.356 mi.
1878 ft.

138-10 FRANKLIN AVE
138-10 FRANKLIN AVE
FLUSHING, NY

NY LTANKS **U001837809**
N/A

Relative:
Higher

Actual:
55 ft.

LTANKS:

Name:	138-10 FRANKLIN AVE
Address:	138-10 FRANKLIN AVE
City,State,Zip:	FLUSHING, NY
Spill Number/Closed Date:	9107656 / 1991-10-30
Facility ID:	9107656
Site ID:	197289
Spill Date:	1991-10-17
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	Not reported
Cleanup Ceased:	1991-10-30
SWIS:	4101
Investigator:	O'DOWD
Referred To:	Not reported
Reported to Dept:	1991-10-17
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0

138-10 FRANKLIN AVE (Continued) **U001837809**

Date Entered In Computer:	1991-10-23
Spill Record Last Update:	1991-10-30
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	274981
DEC Memo:	""
Remarks:	"CONTAMINATED SOIL DISCOVERED DURING EXCAVATION. OLD LINES DISCONNECTED, NEW LINES INSTALLED. FREE PRODUCT PUT INTO DRUMS."

All Materials:

Site ID:	197289
Operable Unit ID:	958105
Operable Unit:	01
Material ID:	419851
Material Code:	0003A
Material Name:	#6 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	Not reported
Recovered:	.00
Oxygenate:	Not reported

Y151 **CARLYLE COOP SEC A INC** **NY LTANKS** **U000406694**
NE **43-10 KISSENA BOULEVARD** **NY UST** **N/A**
1/4-1/2 **FLUSHING, NY 11355** **NY AST**
0.391 mi.
2063 ft. **Site 2 of 2 in cluster Y**

Relative:
Higher

Actual:
58 ft.

LTANKS:

Name:	SPILL NUMBER 0109014
Address:	43-10 KISSENA BLVD
City,State,Zip:	FLUSHING, NY
Spill Number/Closed Date:	0109014 / 2002-09-27
Facility ID:	0109014
Site ID:	293128
Spill Date:	2001-12-10
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	JBVOUGHT
Referred To:	Not reported
Reported to Dept:	2001-12-11
CID:	207
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False

CARLYLE COOP SEC A INC (Continued) **U000406694**

UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2001-12-11
Spill Record Last Update:	2002-09-27
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	ERIC MYERS
Spiller Phone:	(718) 224-9226
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	237260
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was VOUGHT 9/27/2002-VOUGHT-Cause of test failure was small crack in elbow seam. Elbow was surrounded with secondary pipe and no release to soil occurred. No contaminated soil found as per Rene Lewis (document received 9/26). Repair invoice and passing test results received at DEC on 9/27/2002. Spill closed by Vought."
Remarks:	"dry leak 2nd contact # for eric is 9172991288 "

All TTF:

Facility ID:	0109014
Spill Number:	0109014
Spill Tank Test:	1526759
Site ID:	293128
Tank Number:	1
Tank Size:	20000
Material:	Not reported
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	F
Modified By:	Spills
Last Modified Date:	Not reported

UST:

Name:	CARLYLE COOP SEC A INC
Address:	43-10 KISSENA BOULEVARD
City,State,Zip:	FLUSHING, NY 11355
Id/Status:	2-240699 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	10/23/2022
UTM X:	599225.75411
UTM Y:	4512251.23204
Site Type:	Apartment Building/Office Building

Affiliation Records:

Site Id:	9130
Affiliation Type:	Facility Operator
Company Name:	CARLYLE COOP SEC A INC

CARLYLE COOP SEC A INC (Continued) **U000406694**

Contact Type:	Not reported
Contact Name:	MOHAMED UDIK
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 445-9226
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	9130
Affiliation Type:	Emergency Contact
Company Name:	CARLYLE TOWERS COOP A., INC.
Contact Type:	Not reported
Contact Name:	MIRIAM STOLIN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(212) 634-8900
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MFLEONAR
Date Last Modified:	2017-10-23

Site Id:	9130
Affiliation Type:	Mail Contact
Company Name:	FIRST SERVICE RESIDENTIAL
Contact Type:	Not reported
Contact Name:	COMPLIANCE DEPARTMENT
Address1:	622 THIRD AVENUE
Address2:	14TH FLOOR
City:	NEW YORK
State:	NY
Zip Code:	10017
Country Code:	001
Phone:	(212) 634-8900
EMail:	COMPLIANCE.NY@FSRESIDENTIAL.COM
Fax Number:	Not reported
Modified By:	ACDANIEL
Date Last Modified:	2017-11-15

Site Id:	9130
Affiliation Type:	Facility Owner
Company Name:	CARLYLE TOWERS COOP A., INC.
Contact Type:	MANAGING AGENT
Contact Name:	MIRIAM STOLIN
Address1:	43-10 KISSENA BLVD.
Address2:	Not reported
City:	FLUSHING
State:	NY

CARLYLE COOP SEC A INC (Continued) **U000406694**

Zip Code:	11355
Country Code:	001
Phone:	(212) 634-8900
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MFLEONAR
Date Last Modified:	2017-10-23

Tank Info:

Tank Number:	001
Tank ID:	25186
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	20000
Install Date:	Not reported
Date Tank Closed:	08/08/2005
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0003
Common Name of Substance:	#6 Fuel Oil (On-Site Consumption)
Tightness Test Method:	21
Date Test:	04/30/2002
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MFLEONAR
Last Modified:	10/23/2017

Equipment Records:

A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
D00 - Pipe Type - No Piping
I04 - Overfill - Product Level Gauge (A/G)
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

AST:

Name:	CARLYLE COOP SEC A INC
Address:	43-10 KISSENA BOULEVARD
City,State,Zip:	FLUSHING, NY 11355
Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-240699
Program Type:	PBS
UTM X:	599225.75411
UTM Y:	4512251.23204
Expiration Date:	10/23/2022
Site Type:	Apartment Building/Office Building

Affiliation Records:

Site Id:	9130
Affiliation Type:	Facility Operator

CARLYLE COOP SEC A INC (Continued) **U000406694**

Company Name:	CARLYLE COOP SEC A INC
Contact Type:	Not reported
Contact Name:	MOHAMED UDIK
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 445-9226
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	9130
Affiliation Type:	Emergency Contact
Company Name:	CARLYLE TOWERS COOP A., INC.
Contact Type:	Not reported
Contact Name:	MIRIAM STOLIN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(212) 634-8900
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MFLEONAR
Date Last Modified:	2017-10-23

Site Id:	9130
Affiliation Type:	Mail Contact
Company Name:	FIRST SERVICE RESIDENTIAL
Contact Type:	Not reported
Contact Name:	COMPLIANCE DEPARTMENT
Address1:	622 THIRD AVENUE
Address2:	14TH FLOOR
City:	NEW YORK
State:	NY
Zip Code:	10017
Country Code:	001
Phone:	(212) 634-8900
EMail:	COMPLIANCE.NY@FSRESIDENTIAL.COM
Fax Number:	Not reported
Modified By:	ACDANIEL
Date Last Modified:	2017-11-15

Site Id:	9130
Affiliation Type:	Facility Owner
Company Name:	CARLYLE TOWERS COOP A., INC.
Contact Type:	MANAGING AGENT
Contact Name:	MIRIAM STOLIN
Address1:	43-10 KISSENA BLVD.
Address2:	Not reported
City:	FLUSHING

CARLYLE COOP SEC A INC (Continued) **U000406694**

State:	NY
Zip Code:	11355
Country Code:	001
Phone:	(212) 634-8900
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MFLEONAR
Date Last Modified:	2017-10-23

Tank Info:

Tank Number:	002
Tank Id:	216583
Material Code:	0002
Common Name of Substance:	#4 Fuel Oil (On-Site Consumption)

Equipment Records:

	K00 - Spill Prevention - None
	D01 - Pipe Type - Steel/Carbon Steel/Iron
	A00 - Tank Internal Protection - None
	B01 - Tank External Protection - Painted/Asphalt Coating
	E00 - Piping Secondary Containment - None
	J02 - Dispenser - Suction Dispenser
	L00 - Piping Leak Detection - None
	G01 - Tank Secondary Containment - Diking (Aboveground)
	H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
	C01 - Pipe Location - Aboveground
	F00 - Pipe External Protection - None
	I05 - Overfill - Vent Whistle
Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	08/08/2005
Capacity Gallons:	7000
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MFLEONAR
Last Modified:	10/23/2017
Material Name:	#4 fuel oil (on-site consumption)

Z152 **41-60 MAIN ST/GREENPOINT** **NY LTANKS** **S100493516**
NNE **41-60 MAIN ST/GREENPOINT** **N/A**
1/4-1/2 **FLUSHING, NY**
0.408 mi.
2154 ft. **Site 1 of 2 in cluster Z**

Relative: **Higher**
Actual: **42 ft.**

LTANKS:

Name:	41-60 MAIN ST/GREENPOINT
Address:	41-60 MAIN ST/GREENPOINT
City,State,Zip:	FLUSHING, NY
Spill Number/Closed Date:	9201644 / 1992-07-10
Facility ID:	9201644

41-60 MAIN ST/GREENPOINT (Continued) **S100493516**

Site ID:	225073
Spill Date:	1992-05-11
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	C3
Cleanup Ceased:	1992-07-10
SWIS:	4101
Investigator:	O'DOWD
Referred To:	Not reported
Reported to Dept:	1992-05-11
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1992-05-11
Spill Record Last Update:	1993-04-23
Spiller Name:	Not reported
Spiller Company:	GREENPOINT SAVINGS BANK
Spiller Address:	807 MANHATTAN AVE
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	185791
DEC Memo:	""
Remarks:	"CONTMINATED SOIL DISCOVERED DURING TANK PULL."

All Materials:

Site ID:	225073
Operable Unit ID:	968919
Operable Unit:	01
Material ID:	412938
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

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153 **44-59 KISSENA BLVD** **NY LTANKS** **S103239044**
ENE **44-59 KISSENA BLVD** **N/A**
1/4-1/2 **FLUSHING, NY**
0.413 mi.
2181 ft.

Relative:
Higher

Actual:
59 ft.

LTANKS:

Name:	44-59 KISSENA BLVD
Address:	44-59 KISSENA BLVD
City,State,Zip:	FLUSHING, NY
Spill Number/Closed Date:	9800166 / 1998-05-01

44-59 KISSENA BLVD (Continued) **S103239044**

Facility ID:	9800166
Site ID:	172033
Spill Date:	1998-04-04
Spill Cause:	Tank Overfill
Spill Source:	Private Dwelling
Spill Class:	Not reported
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	MCTIBBE
Referred To:	Not reported
Reported to Dept:	1998-04-04
CID:	199
Water Affected:	Not reported
Spill Notifier:	Affected Persons
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1998-04-04
Spill Record Last Update:	1998-05-22
Spiller Name:	JANET MAETOS
Spiller Company:	CASTLE OIL
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	AMY VIETZE
Spiller Phone:	(718) 762-7391
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	144788
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIBBE RECVD SECOND CALL FROM CASTLE OIL CO. AT 11:30 REPORTING THE SPILL THEY STATE THEY WENT TO FILL A 11,000 GAL TANK AT THE LOCATION GUAGE SHOWED THERE WAS 25IN. OF FUEL IN THE TANK - DRIVER FILLED TO THAT CACULATION AND MATERIAL SPILLED OUT - THEY THINK THE GAUGE MUST BE FAULTY. UNK EXACTLY HOW MUCH WAS SPILLED. THEY HAVE 2 CREWS ENROUTE FOR CLEAN UP. CLEANED BY RP. "
Remarks:	"fuel delivery was just made to co-op it appears that the tank was overfilled - fuel is running down sidewalk into courtyard - build. mgr. put sand on it but there is much too much fuel to soak up "

All Materials:

Site ID:	172033
Operable Unit ID:	1060680
Operable Unit:	01
Material ID:	325715
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

154
SSE
1/4-1/2
0.422 mi.
2229 ft.

RESIDENTIAL COMPLEX
60-50 136TH ST
QUEENS, NY

NY LTANKS **S105135452**
N/A

Relative:
Higher

Actual:
71 ft.

LTANKS:

Name:	RESIDENTIAL COMPLEX
Address:	60-50 136TH ST
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	0106032 / 2003-09-25
Facility ID:	0106032
Site ID:	234034
Spill Date:	2001-09-06
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	MXTIPPLE
Referred To:	Not reported
Reported to Dept:	2001-09-06
CID:	390
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2001-09-06
Spill Record Last Update:	2003-09-25
Spiller Name:	PHIL FAICCO
Spiller Company:	RESIDENTIAL COMPLEX
Spiller Address:	60-50 136TH ST
Spiller County:	001
Spiller Contact:	PHIL FAICCO
Spiller Phone:	(718) 441-6800
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	192830
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIPPLE 6/6/02 cracked whistle vent / repaired 9/25/03 TIPPLE REVIEWED/NFA"
Remarks:	"tank failed test - no spill"

All TTF:

Facility ID:	0106032
Spill Number:	0106032
Spill Tank Test:	1526582
Site ID:	234034
Tank Number:	1
Tank Size:	5000
Material:	0002
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II

RESIDENTIAL COMPLEX (Continued) **S105135452**

Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 234034
Operable Unit ID: 844453
Operable Unit: 01
Material ID: 530915
Material Code: 0002A
Material Name: #4 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

155
NE
1/4-1/2
0.427 mi.
2257 ft.

UNDERGROUND TANK **NY LTANKS** **S112148823**
140-11 ASH AVE **N/A**
QUEENS, NY

Relative:
Higher

Actual:
68 ft.

LTANKS:
Name: UNDERGROUND TANK
Address: 140-11 ASH AVE
City,State,Zip: QUEENS, NY
Spill Number/Closed Date: 1203356 / 2014-09-05
Facility ID: 1203356
Site ID: 466168
Spill Date: 2012-07-06
Spill Cause: Tank Test Failure
Spill Source: Private Dwelling
Spill Class: D4
Cleanup Ceased: Not reported
SWIS: 4101
Investigator: VXBREVDO
Referred To: Not reported
Reported to Dept: 2012-07-06
CID: Not reported
Water Affected: Not reported
Spill Notifier: Other
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2012-07-06
Spill Record Last Update: 2014-09-05
Spiller Name: CHRIS QUINTINA
Spiller Company: UNKNOWN
Spiller Address: 140-11 ASH AVE
Spiller County: 999
Spiller Contact: CHRIS QUINTINA

UNDERGROUND TANK (Continued) **S112148823**

Spiller Phone: 3473978298
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 420512
DEC Memo: "TTF. Believed to be from a faulty petrometer line. Will uncover, plug and retest. 07/16/13 - Spill Case is transferred from Moses Ajoku (PBS Unit) to Brevdo (Section B) as per DER Region 2 decision - Tank Test Failure Spill Case. VB 09/05/2014 - V. Brevdo No Confirmed Product Release. No TTF letter issued. Tank re-testing on 7/18/2012 demonstrated the tank passed the test. Testing protocol is in the PBS e-docs. PBS Case No. 2-318701. PBS Certificate is valid through 09/06/2017. Spill is closed effective 09/05/2014. VB"
Remarks: "dig up and repair line and retest"

All Materials:
Site ID: 466168
Operable Unit ID: 1216175
Operable Unit: 01
Material ID: 2214339
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Oxygenate: Not reported

Site ID: 466168
Operable Unit ID: 1216175
Operable Unit: 01
Material ID: 2214337
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Oxygenate: Not reported

Z156 **4165 MAIN ST/QUEENS/USPS** **NY LTANKS** **S100145603**
NNE **4165 MAIN STREET** **N/A**
1/4-1/2 **NEW YORK CITY, NY**
0.431 mi.
2276 ft. **Site 2 of 2 in cluster Z**

Relative:
Higher

Actual:
41 ft.

LTANKS:
Name: 4165 MAIN ST/QUEENS/USPS
Address: 4165 MAIN STREET
City,State,Zip: NEW YORK CITY, NY
Spill Number/Closed Date: 8906199 / 1998-12-11
Facility ID: 8906199
Site ID: 180982
Spill Date: 1989-09-22
Spill Cause: Tank Failure
Spill Source: Commercial/Industrial

4165 MAIN ST/QUEENS/USPS (Continued) **S100145603**

Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	TOMASELLO
Referred To:	Not reported
Reported to Dept:	1989-09-22
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1989-12-07
Spill Record Last Update:	2000-01-10
Spiller Name:	Not reported
Spiller Company:	USPS
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	151801
DEC Memo:	""
Remarks:	"10K TANK HAS VISIBLE LEAK."

All Materials:

Site ID:	180982
Operable Unit ID:	931299
Operable Unit:	01
Material ID:	446595
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	20.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

157
NE
1/4-1/2
0.436 mi.
2301 ft.

NEWPORT APARTMENTS INC
42-65 KISSENA BOULEVARD
FLUSHING, NY 11355

NY LTANKS **U000401624**
NY UST **N/A**

Relative:
Higher

Actual:
57 ft.

LTANKS:

Name:	42-65 KISSENA BLVD.
Address:	42-65 KISSENA BLVD
City,State,Zip:	FLUSHING, NY
Spill Number/Closed Date:	0406020 / 2005-12-19
Facility ID:	0406020
Site ID:	211137
Spill Date:	2004-09-01
Spill Cause:	Tank Test Failure

NEWPORT APARTMENTS INC (Continued) **U000401624**

Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	D4
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	JAMORAS
Referred To:	Not reported
Reported to Dept:	2004-09-01
CID:	403
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2004-09-01
Spill Record Last Update:	2005-12-19
Spiller Name:	FRANK
Spiller Company:	Not reported
Spiller Address:	42-65 KISSENA BLVD
Spiller County:	001
Spiller Contact:	FRANK
Spiller Phone:	(718) 961-4740
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	175019
DEC Memo:	"12/19/05 - This spill was a tank test failure with no fuel leak associated with it. On May 3, 2005 a letter was submitted which documented the reasons for the tank test failure, the fact that no oil was spilled, and the corrective measures that were taken to resolve the problem. SPILL CLOSED on 12/19/05. (Jim Moras) Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIPPLE Sent TTF Ltr 3/25/2005"
Remarks:	"tank test failure.dry leak."

All TTF:

Facility ID:	0406020
Spill Number:	0406020
Spill Tank Test:	1529623
Site ID:	211137
Tank Number:	Not reported
Tank Size:	20000
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	211137
Operable Unit ID:	889573

NEWPORT APARTMENTS INC (Continued) **U000401624**

Operable Unit: 01
Material ID: 486961
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: L
Recovered: .00
Oxygenate: Not reported

Site ID: 211137
Operable Unit ID: 889573
Operable Unit: 01
Material ID: 486960
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: Not reported
Recovered: .00
Oxygenate: Not reported

UST:
Name: NEWPORT APARTMENTS INC
Address: 42-65 KISSENA BOULEVARD
City,State,Zip: FLUSHING, NY 11355
Id/Status: 2-297909 / Active
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: 07/14/2022
UTM X: 599151.81455
UTM Y: 4512347.30191
Site Type: Apartment Building/Office Building

Affiliation Records:
Site Id: 13778
Affiliation Type: Facility Owner
Company Name: NEWPORT APARTMENTS INC
Contact Type: MANAGING AGENT
Contact Name: PENNY GARCIA
Address1: 42-65 KISSENA BOULEVARD
Address2: Not reported
City: FLUSHING
State: NY
Zip Code: 11355
Country Code: 001
Phone: (718) 445-9500
EMail: Not reported
Fax Number: Not reported
Modified By: MFLEONAR
Date Last Modified: 2017-09-28

Site Id: 13778

NEWPORT APARTMENTS INC (Continued) **U000401624**

Affiliation Type:	Facility Operator
Company Name:	NEWPORT APARTMENTS INC
Contact Type:	Not reported
Contact Name:	FRANK WELDON
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 961-4741
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MFLEONAR
Date Last Modified:	2017-09-28

Site Id:	13778
Affiliation Type:	Emergency Contact
Company Name:	NEWPORT APARTMENTS INC
Contact Type:	Not reported
Contact Name:	FRANK WELDON
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 961-4741
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MFLEONAR
Date Last Modified:	2017-09-28

Site Id:	13778
Affiliation Type:	Mail Contact
Company Name:	JOHN B. LOVETT & ASSOC.
Contact Type:	Not reported
Contact Name:	MONICA GHULAM
Address1:	109-15 14TH AVENUE
Address2:	Not reported
City:	COLLEGE POINT
State:	NY
Zip Code:	11356
Country Code:	001
Phone:	(718) 445-9500
EMail:	MONICA@LOVETTREALTY.COM
Fax Number:	Not reported
Modified By:	ACDANIEL
Date Last Modified:	2018-02-08

Tank Info:

Tank Number:	001
Tank ID:	16191
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	20000

NEWPORT APARTMENTS INC (Continued) **U000401624**

Install Date:	10/01/1963
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0003
Common Name of Substance:	#6 Fuel Oil (On-Site Consumption)
Tightness Test Method:	21
Date Test:	09/28/2004
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TankSys
Last Modified:	02/04/2020

Equipment Records:

C03 - Pipe Location - Aboveground/Underground Combination
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
G03 - Tank Secondary Containment - Vault (w/o access)
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)

158
SE
1/4-1/2
0.440 mi.
2321 ft.

142-45 58TH RD **NY LTANKS** **S100144855**
142-45 58TH RD. **N/A**
NEW YORK CITY, NY

Relative:
Higher

Actual:
62 ft.

LTANKS:

Name:	142-45 58TH RD
Address:	142-45 58TH RD.
City,State,Zip:	NEW YORK CITY, NY
Spill Number/Closed Date:	8706577 / 1992-11-19
Facility ID:	8706577
Site ID:	269431
Spill Date:	1987-11-03
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	C4
Cleanup Ceased:	1992-11-19
SWIS:	4101
Investigator:	BATTISTA
Referred To:	Not reported
Reported to Dept:	1987-11-03
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1987-11-06
Spill Record Last Update:	1994-05-12
Spiller Name:	Not reported

142-45 58TH RD (Continued) **S100144855**

Spiller Company:	ST. ANN'S SCHOOL
Spiller Address:	142-45 58TH RD.
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	219436
DEC Memo:	""
Remarks:	"EXCAVATE, AND RETEST."

All TTF:

Facility ID:	8706577
Spill Number:	8706577
Spill Tank Test:	1532152
Site ID:	269431
Tank Number:	Not reported
Tank Size:	0
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	269431
Operable Unit ID:	912489
Operable Unit:	01
Material ID:	465583
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	Not reported
Recovered:	.00
Oxygenate:	Not reported

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159 **HOUSING COMPLEX** **NY LTANKS** **S105135464**
SSE **60-32 138TH ST** **N/A**
1/4-1/2 **QUEENS, NY**
0.444 mi.
2345 ft.

Relative:
Higher

Actual:
70 ft.

LTANKS:

Name:	HOUSING COMPLEX
Address:	60-32 138TH ST
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	0106083 / 2006-04-27
Facility ID:	0106083
Site ID:	281912

HOUSING COMPLEX (Continued) **S105135464**

Spill Date:	2001-09-07
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	WBWELLIN
Referred To:	Not reported
Reported to Dept:	2001-09-07
CID:	390
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2001-09-07
Spill Record Last Update:	2006-04-27
Spiller Name:	UNK
Spiller Company:	HOUSING COMPLEX .
Spiller Address:	60-32 138TH ST
Spiller County:	001
Spiller Contact:	UNK
Spiller Phone:	(000) 000-0000
Spiller Extention:	0
DEC Region:	2
DER Facility ID:	228867
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was DEMEO "
Remarks:	"tank failed test - no product spillage"

All TTF:

Facility ID:	0106083
Spill Number:	0106083
Spill Tank Test:	1526592
Site ID:	281912
Tank Number:	1
Tank Size:	6000
Material:	0002
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	281912
Operable Unit ID:	844483
Operable Unit:	01
Material ID:	530965
Material Code:	0002A

HOUSING COMPLEX (Continued) **S105135464**

Material Name:	#4 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

AA160 **APARTMENT BUILDING** **NY LTANKS** **S106385814**
NNE **42-20 KISSENA BLVD.** **N/A**
1/4-1/2 **QUEENS, NY**
0.448 mi.
2364 ft. **Site 1 of 2 in cluster AA**

Relative:
Higher

Actual:
48 ft.

LTANKS:

Name:	APARTMENT BUILDING
Address:	42-20 KISSENA BLVD.
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	0400258 / 2005-12-30
Facility ID:	0400258
Site ID:	216455
Spill Date:	2004-04-08
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	D4
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	JMPELTON
Referred To:	Not reported
Reported to Dept:	2004-04-08
CID:	444
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2004-04-08
Spill Record Last Update:	2005-12-30
Spiller Name:	LUIS REYES
Spiller Company:	APARTMENT BUILDING
Spiller Address:	42-20 KISSENA BLVD.
Spiller County:	001
Spiller Contact:	LUIS REYES
Spiller Phone:	(917) 709-8340
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	179209
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was DEMEO Send TTF letter JUNE, 2005 As part of Spills Backlog Reduction Initiative, Spill #0400258 was assigned to Jason Pelton. AUGUST, 2005 Jason Pelton reviewed spill file. DECEMBER, 2005 Jason spoke with building superintendent Mr. Luis Reyes. Mr. Reyes does not fluent in English and ask that I contact Ms. Michelle Castro at 212-699-8900. Michelle Castro is the Property Manager. I subsequently called and left message with Michelle s assistant Salvina. DECEMBER 12, 2005

APARTMENT BUILDING (Continued) **S106385814**

Received voicemail message from Michelle Castro. I returned phone call to Ms. Castro and left a message with her to call me back. DECEMBER 18, 2005 Returned phone call and left 2nd voicemail message with Michelle Castro. DECEMBER 30, 2005 Based on a review of the Petroleum Bulk Storage report (PBS #2-333514), a tank tighness test was performed on June 1, 2004 and the tank passed. This tightness test was subsequent to the test performed on April 8, 2004 when the tank failed a tightness test, but no product was released. Based on the tank system passing the subsequent tightness test, Petroleum Spill 0400258 was closed by Jason Pelton on December 30, 2005. Jason will continue to try and contact Michelle Castro to obtain tank system repair documentation and the June 1, 2004 tank tighness testing documentation."

Remarks: "NOTHING LEAKED INTO GROUND: TANK FAILED:"

All Materials:

Site ID:	216455
Operable Unit ID:	882483
Operable Unit:	01
Material ID:	495044
Material Code:	0002A
Material Name:	#4 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	L
Recovered:	.00
Oxygenate:	Not reported

161
SSW
1/4-1/2
0.457 mi.
2413 ft.

CLOSED-LACKOF RECENT INFO
130-04 HORACE HARDING EXP
FLUSHING, NY

NY LTANKS **S100559984**
N/A

Relative:
Higher

Actual:
31 ft.

LTANKS:

Name:	CLOSED-LACKOF RECENT INFO
Address:	130-04 HORACE HARDING EXP
City,State,Zip:	FLUSHING, NY
Spill Number/Closed Date:	9301662 / 2003-03-14
Facility ID:	9301662
Site ID:	234374
Spill Date:	1993-05-05
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	ADMIN. CLOSED
Referred To:	Not reported
Reported to Dept:	1993-05-05
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False

CLOSED-LACKOF RECENT INFO (Continued) **S100559984**

UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1993-05-19
Spill Record Last Update:	2003-11-04
Spiller Name:	Not reported
Spiller Company:	CEDAR AROVE CEMETORY.
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	193083
DEC Memo:	""
Remarks:	"EX-ISO-RETEST- 2 SEPARATE TANK SYSTEMS AT SITE. CLOSED DUE TO LACK OF ANY RECENT INFO - DOES NOT MEET ANY CLEANUP REQUIREMENTS."

All TTF:

Facility ID:	9301662
Spill Number:	9301662
Spill Tank Test:	1541501
Site ID:	234374
Tank Number:	Not reported
Tank Size:	0
Material:	0008
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	234374
Operable Unit ID:	983568
Operable Unit:	01
Material ID:	398829
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	L
Recovered:	.00
Oxygenate:	Not reported

162
SE
1/4-1/2
0.461 mi.
2436 ft.

5918 MAIN STREET
5918 MAIN STREET
FLUSHING, NY

NY LTANKS **S100781706**
N/A

Relative:
Higher

Actual:
67 ft.

LTANKS:

Name:	5918 MAIN STREET
Address:	5918 MAIN STREET
City,State,Zip:	FLUSHING, NY
Spill Number/Closed Date:	9307095 / 1993-09-10
Facility ID:	9307095
Site ID:	155500
Spill Date:	1993-09-10
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	C3
Cleanup Ceased:	1993-09-10
SWIS:	4101
Investigator:	CAMMISA
Referred To:	Not reported
Reported to Dept:	1993-09-10
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1993-09-13
Spill Record Last Update:	2004-09-30
Spiller Name:	Not reported
Spiller Company:	CHEO LINN (OWNER?)
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	131718
DEC Memo:	""
Remarks:	"TANK OR OIL LINE STARTED TO LEAK SPEEDRI - SPILL CAT. TEMPORARY PATCH PUT ON TANK NEED TO REPLACE TANK."

All Materials:

Site ID:	155500
Operable Unit ID:	988175
Operable Unit:	01
Material ID:	393368
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	5.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

AA163 **42 KISSENA REALTY** **NY LTANKS** **U001836029**
NNE **42-02 KISSENA BLVD** **N/A**
1/4-1/2 **FLUSHING, NY**
0.464 mi.
2448 ft. **Site 2 of 2 in cluster AA**

Relative:
Higher

Actual:
47 ft.

LTANKS:

Name:	42 KISSENA REALTY
Address:	42-02 KISSENA BLVD
City,State,Zip:	FLUSHING, NY
Spill Number/Closed Date:	0301177 / 2004-05-25
Facility ID:	0301177
Site ID:	192738
Spill Date:	2003-05-01
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	CESAWYER
Referred To:	Not reported
Reported to Dept:	2003-05-02
CID:	365
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2003-05-02
Spill Record Last Update:	2004-05-25
Spiller Name:	BARBARA
Spiller Company:	42 KISSENA REALTY
Spiller Address:	42-02 KISSENA BLVD
Spiller County:	001
Spiller Contact:	BARBARA
Spiller Phone:	(718) 463-3307
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	160707
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was SAWYER 5/2/03 - Rossan, DDO - Tank test Failure letter was sent 5/2/03. Letter was sent to: Mr. Mike Halas 42 Kissena Realty Co 144-15 41st Avenue Flushing, NY 11355 END 1/7/04-Vought-Spill transferred from Vought to Austin. 01/27/04 - Sawyer - Spill transferred from Austin to Sawyer. 4/30/2004 SS sent a new ttf ltr 5/25/04 - Sawyer - Received supporting documentation for repair and passing retest of the tank. Closed."
Remarks:	"ez 3 locator plus "

All TTF:

Facility ID:	0301177
Spill Number:	0301177
Spill Tank Test:	1528336
Site ID:	192738
Tank Number:	1
Tank Size:	7500
Material:	0001
EPA UST:	Not reported

42 KISSENA REALTY (Continued) **U001836029**

UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	F
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	192738
Operable Unit ID:	869200
Operable Unit:	01
Material ID:	509234
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

---

164 **ST ANNE'S SCHOOL** **NY LTANKS** **S105999428**
SE **142-45 58TH RD** **N/A**
1/4-1/2 **FLUSHING, NY**
0.478 mi.
2524 ft.

Relative:
Higher

Actual:
57 ft.

LTANKS:

Name:	ST ANNE'S SCHOOL
Address:	142-45 58TH RD
City,State,Zip:	FLUSHING, NY
Spill Number/Closed Date:	0304122 / 2003-08-28
Facility ID:	0304122
Site ID:	283115
Spill Date:	2003-07-18
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	SMSANGES
Referred To:	Not reported
Reported to Dept:	2003-07-18
CID:	252
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2003-07-18
Spill Record Last Update:	2003-08-28

ST ANNE'S SCHOOL (Continued) **S105999428**

Spiller Name:	BOB DINARDO
Spiller Company:	ST ANNE'S SCHOOL
Spiller Address:	142-45 58TH RD
Spiller County:	001
Spiller Contact:	BOB DINARDO
Spiller Phone:	(718) 460-0222
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	229629
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was SANGESLAND Sangesland DDO TTF letter sent to Bob Dinardo 8/19/2003 Jim at Protest said 6 samples were taken thru/around the tank. One per side and two through the tank bottom. He will send out the samples for testing. They appear clean, but lab results should be back in 2 weeks. 8/28/2003 Protest submitted soil lab results- all clean Tank will be foam filled on 9/4/2003 Spill Closed"
Remarks:	"RESULTS WERE PASSED ALONG TO SCHOOL-RECOMMENDATION UNKNOWN AT THIS TIME."

All TTF:

Facility ID:	0304122
Spill Number:	0304122
Spill Tank Test:	1528524
Site ID:	283115
Tank Number:	1
Tank Size:	5000
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	283115
Operable Unit ID:	872384
Operable Unit:	01
Material ID:	552446
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

165
NNW
1/4-1/2
0.492 mi.
2596 ft.

INDUSTRIAL PROPERTY
40-22 COLLEGE POINT BLVD
FLUSHING, NY

NY LTANKS
NY Spills

S107789225
N/A

Relative:
Lower

Actual:
6 ft.

LTANKS:

Name:	INDUSTRIAL PROPERTY
Address:	40-22 COLLEGE POINT BLVD
City,State,Zip:	FLUSHING, NY
Spill Number/Closed Date:	0606870 / 2006-10-02
Facility ID:	0606870
Site ID:	370289
Spill Date:	2006-09-14
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	HRPATEL
Referred To:	Not reported
Reported to Dept:	2006-09-14
CID:	406
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2006-09-15
Spill Record Last Update:	2006-10-02
Spiller Name:	STEVE GRENS
Spiller Company:	MUSS BROOKLYN DEVELOPMEN
Spiller Address:	40-22 COLLEGE POINT BLVD.
Spiller County:	001
Spiller Contact:	STEVE GRENS
Spiller Phone:	(914) 806-5650
Spiller Extention:	CELL
DEC Region:	2
DER Facility ID:	313210
DEC Memo:	"AKRF is already remediating the site. They know the standard routine - excavate, dispose with manifest, endpoint samples, submit report. 10/02/06-Hiralkumar Patel. spoke with Steve. he is doing remediation under brownfield program and during this he found UST enclosed in concrete. but this concrete had cracks and through which water was flowing in and out of concrete vault. project manager for this brownfield case is Ioana Munteanu. he gave me brownfield project numbers as: BCP #: C241078 BCP #: C241079 case closed. will be investigated under brownfield project."
Remarks:	"Cleaned the UST in place then noticed groundwater starting to come back in the tank. The tank was encased in concrete. The soil surrounding the tank was contaminated. The contaminated soil has been removed and stock piled."

All TTF:

Facility ID:	0606870
Spill Number:	0606870
Spill Tank Test:	1550277
Site ID:	370289

INDUSTRIAL PROPERTY (Continued) **S107789225**

Tank Number: Not reported
Tank Size: 550
Material: 0066A
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 00
Test Method 2: Unknown
Leak Rate: .00
Gross Fail: Not reported
Modified By: Watchdog
Last Modified Date: Not reported

All Materials:
Site ID: 370289
Operable Unit ID: 1128105
Operable Unit: 01
Material ID: 2117715
Material Code: 0066A
Material Name: unknown petroleum
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: G
Recovered: .00
Oxygenate: Not reported

SPILLS:
Name: INDUSTRIAL SITE
Address: 40-22 COLLEGE POINT BLVD
City,State,Zip: FLUSHING, NY
Spill Number/Closed Date: 0600907 / 2007-10-26
Facility ID: 0600907
Facility Type: ER
DER Facility ID: 313210
Site ID: 363013
DEC Region: 2
Spill Cause: Equipment Failure
Spill Class: B3
SWIS: 4101
Spill Date: 2006-04-24
Investigator: dcwalsh
Referred To: Not reported
Reported to Dept: 2006-04-24
CID: 444
Water Affected: Not reported
Spill Source: Institutional, Educational, Gov., Other
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0

INDUSTRIAL PROPERTY (Continued) **S107789225**

Date Entered In Computer:	2006-04-24
Spill Record Last Update:	2007-10-26
Spiller Name:	STEVEN GRENS
Spiller Company:	INDUSTRIAL SITE
Spiller Address:	40-22 COLLEGE POINT BLVD
Spiller Company:	001
Contact Name:	STEVEN GRENS
DEC Memo:	"4/24/2006 Sangesland spoke to Steve Grens of AKRF (cell 914-806-5650) Site is in the Brownfields Program. Two 10,000 gal USTs (installed 1917) were found with 1 to 2 holes. During tank removal, oil/water sludge poured out into the pit. This sludge is now being pumped out and disposed of. Contractor will excavate out contaminated soil and dispose with manifest. End point samples will be taken after excavation. 10/26/07 - closed by martinkat, based on the following: October 30, 2007 Ms. Ioana Munteanu-Ramnic New York State Department of Environmental Conservation Division of Environmental Remediation, Region 2 47-40 21st Street Long Island City, NY 11101-5407 Re: Spill Closure Report Flushing Industrial Park, Parcel 1, Flushing, New York BCP Site No. C241051 Spill No. 0600907 Dear Ms. Munteanu-Ramnic: AKRF, Inc. (AKRF) is pleased to present this report summarizing the closure of a spill reported at 40-22 College Point Boulevard in Flushing, New York (the Property). The subject Property consists of four Parcels participating in the New York State Department of Environmental Conservation s (NYSDEC) Brownfield Cleanup Program (BCP): Flushing Industrial Park (Eastern), Parcel 1 (BCP Site No. C241051); Flushing Industrial Park (Western), Parcel 2 (BCP Site No. C241078); Flushing Industrial Park (Western Waterfront), Parcel 3 (BCP Site No. C241079); and Flushing Industrial Park (Flushing River), Parcel 4 (BCP Site No. C241080). On April 25, 2006, during removal of two 10,000-gallon fuel oil underground storage tanks (USTs), a spill was reported due to apparent petroleum like sludge noted on the water table. The tanks were located on the western portion of Flushing Industrial Park, Parcel 1. Provisions for tank removal and spill cleanup were included in the NYSDEC-approved Remedial Action Work Plan for Parcel 1. The RAWP established Site-Specific Action Levels for use in determining sufficiency of remedial actions. The remediation of Spill No. 0600907 was performed under the RAWP, and the remediation of the entirety of Parcel 1 will be documented in the forthcoming Final Engineering Report (FER). The FER includes figures, tables, laboratory analytical reports, and photographs of these events. Spill Closure Summary On April 19, 2006, two 10,000-gallon USTs were encountered. Following tank removal, corrosion holes up to 2 inches in diameter were noted on the sidewalls and bottoms of both USTs. A sludge-like layer with a petroleum-like odor was noted on the water table; therefore, a spill was reported to the NYSDEC Spills Hotline (Spill No. 0600907) on April 25, 2006. No light non-aqueous phase liquid (LNAPL) was measurable on the groundwater in the excavation using the oil/water interface probe. The tank excavation was kept open for several days while oil absorbent pads were used to soak up the sludge layer. Groundwater was pumped from the open excavation into the on-site water treatment system on April 21, Spill Closure Report (Spill No. 0600907) 2 Flushing Industrial Park, Parcel 1 Flushing, New York 24, and 27, 2006, and the sludge layer did not reappear. The soil and portions of the tank vault exhibiting petroleum-like staining and/or odors were directly loaded into trucks for disposal as non-hazardous waste. Excavation continued horizontally to a depth of several feet

INDUSTRIAL PROPERTY (Continued) **S107789225**

below the water table, and laterally until no evidence of contamination was apparent on the soil. The contaminated soil was excavated and disposed of off-site. The tanks were cleaned and recycled as scrap metal. Eight perimeter endpoint soil samples (UST-x-3 to UST-x-10) were collected on April 27 and 28, 2006, for analysis of NYSDEC Spill Technology and Remediation Series (STARS)-list volatile organic compounds (VOCs), STARS-list semivolatile organic compounds (SVOCs) and polychlorinated biphenyls (PCBs). The endpoint sample concentrations were less than the applicable SSALs. Under the BCP, post-remediation groundwater sampling is being conducted on Parcels 1, 2 and 3 to assess the performance of the remedy Property-wide. Based on the remedial activities conducted, and on the analytical results, AKRF requests that the NYSDEC grant closure with respect to Spill No. 0600907. Please contact Kate Brunner at (646) 388-9525 with any questions or concerns. Sincerely yours, AKRF, Inc. Marcus Simons Kathleen Brunner Senior Vice President Technical Director"

Remarks: "HOLES IN BOTTOM OF TANK: 10,000 GALLON ABOUT 1 FOOT OF SLUDGE,"

All Materials:

Site ID:	363013
Operable Unit ID:	1121082
Operable Unit:	01
Material ID:	2110566
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	.00
Oxygenate:	False

Name:	BROWNFIELD PROJECT
Address:	40-22 COLLEGE POINT BLVD
City,State,Zip:	FLUSHING, NY
Spill Number/Closed Date:	0602684 / 2007-11-23
Facility ID:	0602684
Facility Type:	ER
DER Facility ID:	313210
Site ID:	365226
DEC Region:	2
Spill Cause:	Other
Spill Class:	B3
SWIS:	4101
Spill Date:	2006-06-09
Investigator:	dcwalsh
Referred To:	Not reported
Reported to Dept:	2006-06-09
CID:	44
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False

INDUSTRIAL PROPERTY (Continued) **S107789225**

UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2006-06-09
Spill Record Last Update:	2007-11-23
Spiller Name:	STEVEN GRENS
Spiller Company:	BROWNSFIELD PROJECT
Spiller Address:	40-22 COLLEGE POINT BLVD
Spiller Company:	001
Contact Name:	STEVEN GRENS
DEC Memo:	"06/09/06 Sharif Rahman- Brown field site-found four 550 gallons gasoline tank,vaulted in concrete slab, came across contaminated soil."
Remarks:	"REMOVING UNDEGROUND STORAGE TANK AND FOUND DISCOLORED SOIL: PETROLUEM ODORS ALSO"

All Materials:

Site ID:	365226
Operable Unit ID:	1123235
Operable Unit:	01
Material ID:	2112709
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	.00
Oxygenate:	False

Name:	FLUSHING INDUSTRIAL PARK
Address:	40-22 COLLEGE POINT BLVD
City,State,Zip:	FLUSHING, NY
Spill Number/Closed Date:	0601739 / 2009-04-21
Facility ID:	0601739
Facility Type:	ER
DER Facility ID:	313210
Site ID:	364039
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	B3
SWIS:	4101
Spill Date:	2006-05-16
Investigator:	dcwalsh
Referred To:	Not reported
Reported to Dept:	2006-05-16
CID:	408
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2006-05-16
Spill Record Last Update:	2009-04-21

INDUSTRIAL PROPERTY (Continued) **S107789225**

Spiller Name: KATE BRUNNER
Spiller Company: FLUSHING INDUSTRIAL PARK
Spiller Address: 40-22 COLLEGE POINT BLVD
Spiller Company: 001
Contact Name: KATE BRUNNER
DEC Memo: "05/17/06-Vought-Spoke to DEC Munteanu-Ramnic and she requested that spill be assigned to her and left open. Spill assigned not assigned to Munteanu-Ramnic. Spill assigned to Dan Walsh (supervisor). 4/21/09: Site cleaned up under Brownfield Cleanup Program (site no. C241050, C241078 and C241079). Certificate of Completion issued 12/28/07. In site management phase. Close. (JHO)"
Remarks: "DISCOVERED DURING TANK REMOVAL, THIS IS HISTORIC, CLEAN UP IS IN PROGRESS, CREAMER ENVIRONMENTAL IS DOING THE CLEAN UP. THE TANK SIZE 550 GALLONS AND THERE ARE TWO OF THEM, THEY WILL BE REMOVED. IOANA RAMNIC IS THE PROJECT MANAGER "

All Materials:
Site ID: 364039
Operable Unit ID: 1122091
Operable Unit: 01
Material ID: 2111578
Material Code: 0066A
Material Name: unknown petroleum
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: G
Recovered: .00
Oxygenate: Not reported

166
East
1/2-1
0.510 mi.
2692 ft.

46-15 KISSENA BLVD. **NY SHWS** **S123658133**
46-15 KISSENA BLVD. **N/A**
FLUSHING, NY 11355

Relative: Higher
Actual: 41 ft.

SHWS:
Name: 46-15 KISSENA BLVD.
Address: 46-15 KISSENA BLVD.
City,State,Zip: FLUSHING, NY 11355
Program: HW
Site Code: 581009
Classification: Not reported
Region: 2
Acres: 1.6000000000000001
HW Code: 241231
Record Add: 01/03/2019
Record Upd: 03/29/2019
Updated By: SXDEWES
Site Description: The site is located at 46-15 to 46-31 Kissena Boulevard in the Flushing neighborhood of Queens, New York. The site is approximately 22,520 sq. feet *1.57 acres). The site is located on the north side of Kissena Blvd south of Holly Avenue at 46-15 Kissena Blvd, Queens, NY 11355 (Figure 1). The site is zoned in a mixed residential and commercial neighborhood. The site currently maintains a commercial shopping plaza consisting of five (5) commercial units. Of these commercial units maintains an active dry cleaner at grade. The

46-15 KISSENA BLVD. (Continued) **S123658133**

	current dry cleaners has been in operation for roughly forty (40) years.
Env Problem:	Twelve (12) soil vapor samples, two (2) ambient air sample, seven (7) soil samples and four (4) groundwater samples were collected on-site. Soil vapor samples for PCE returned from 37,300 g/m^3 to ND. Sample locations can be found below on Figure 2. Four (4) soil boring were advanced on site, and a total of seven (7) samples were collected. Analysis returned no CVOCs in soil. Soil was found to have elevated concentrations of SVOCs and metals exceeding unrestricted use SCOs. The SVOCs and metals include benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene, indeno(1,2,3-dc)pyrene, lead, mercury, and zinc Sample locations can be found below on Figure 3. Four (4) groundwater sampled were collected from monitoring wells on site. Groundwater samples returned PCE concentrations of 36 ug/L and TCE concentrations of 13 ug/L. Benzene, cis-1,2-Dichloroethene and 1,2,4-Trimethylbenzene was identified within the groundwater above standards. Sample locations can be found below on Figure 4.
Health Problem:	Not reported
Dump:	Not reported
Structure:	Not reported
Lagoon:	Not reported
Landfill:	Not reported
Pond:	Not reported
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	Not reported
Record Upd:	Not reported
Updated By:	Not reported
Own Op:	Not reported
Sub Type:	Not reported
Owner Name:	Not reported
Owner Company:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Country:	Not reported
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

Count: 1 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
FLUSHING	S108984453	FLUSHING INDUSTRIAL PARK	NW CORNER OF COLLEGE PT BOULEV	11354	NY ENG CONTROLS, NY INST CONTROL, NY VCP, NY BROWNFIEL

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 04/27/2020
Date Data Arrived at EDR: 05/06/2020
Date Made Active in Reports: 05/28/2020
Number of Days to Update: 22

Source: EPA
Telephone: N/A
Last EDR Contact: 06/03/2020
Next Scheduled EDR Contact: 07/13/2020
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 04/27/2020
Date Data Arrived at EDR: 05/06/2020
Date Made Active in Reports: 05/28/2020
Number of Days to Update: 22

Source: EPA
Telephone: N/A
Last EDR Contact: 06/03/2020
Next Scheduled EDR Contact: 07/13/2020
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 04/27/2020
Date Data Arrived at EDR: 05/06/2020
Date Made Active in Reports: 05/28/2020
Number of Days to Update: 22

Source: EPA
Telephone: N/A
Last EDR Contact: 06/03/2020
Next Scheduled EDR Contact: 07/13/2020
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 04/03/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 04/03/2020
Next Scheduled EDR Contact: 07/13/2020
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 04/27/2020
Date Data Arrived at EDR: 05/06/2020
Date Made Active in Reports: 05/28/2020
Number of Days to Update: 22

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/03/2020
Next Scheduled EDR Contact: 07/27/2020
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 04/27/2020
Date Data Arrived at EDR: 05/06/2020
Date Made Active in Reports: 05/28/2020
Number of Days to Update: 22

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/03/2020
Next Scheduled EDR Contact: 07/27/2020
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/23/2020
Date Data Arrived at EDR: 03/25/2020
Date Made Active in Reports: 05/21/2020
Number of Days to Update: 57

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/22/2020
Next Scheduled EDR Contact: 10/05/2020
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/23/2020
Date Data Arrived at EDR: 03/25/2020
Date Made Active in Reports: 05/21/2020
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 06/22/2020
Next Scheduled EDR Contact: 10/05/2020
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/23/2020
Date Data Arrived at EDR: 03/25/2020
Date Made Active in Reports: 05/21/2020
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 06/22/2020
Next Scheduled EDR Contact: 10/05/2020
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/23/2020
Date Data Arrived at EDR: 03/25/2020
Date Made Active in Reports: 05/21/2020
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 06/22/2020
Next Scheduled EDR Contact: 10/05/2020
Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/23/2020
Date Data Arrived at EDR: 03/25/2020
Date Made Active in Reports: 05/21/2020
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 06/22/2020
Next Scheduled EDR Contact: 10/05/2020
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/15/2020
Date Data Arrived at EDR: 05/19/2020
Date Made Active in Reports: 06/18/2020
Number of Days to Update: 30

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 05/14/2020
Next Scheduled EDR Contact: 08/24/2020
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 02/13/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 05/15/2020
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/15/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 02/13/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 05/15/2020
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/15/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 03/22/2020
Date Data Arrived at EDR: 03/24/2020
Date Made Active in Reports: 06/18/2020
Number of Days to Update: 86

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 06/22/2020
Next Scheduled EDR Contact: 10/05/2020
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

SHWS: Inactive Hazardous Waste Disposal Sites in New York State

Referred to as the State Superfund Program, the Inactive Hazardous Waste Disposal Site Remedial Program is the cleanup program for inactive hazardous waste sites and now includes hazardous substance sites

Date of Government Version: 02/10/2020
Date Data Arrived at EDR: 02/12/2020
Date Made Active in Reports: 04/22/2020
Number of Days to Update: 70

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 05/13/2020
Next Scheduled EDR Contact: 08/24/2020
Data Release Frequency: Annually

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: Facility Register

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 10/09/2019
Date Data Arrived at EDR: 10/10/2019
Date Made Active in Reports: 12/18/2019
Number of Days to Update: 69

Source: Department of Environmental Conservation
Telephone: 518-402-8678
Last EDR Contact: 04/03/2020
Next Scheduled EDR Contact: 07/13/2020
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 10/04/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/27/2020
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 05/20/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/01/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 05/20/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 10/02/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 05/20/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 10/01/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 05/20/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 10/15/2019
Date Data Arrived at EDR: 12/17/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 55

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 05/20/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 10/10/2019
Date Data Arrived at EDR: 12/05/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 67

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 05/20/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 10/11/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 05/20/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/03/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/14/2020
Number of Days to Update: 72

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 05/20/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

LTANKS: Spills Information Database
Leaking Storage Tank Incident Reports. These records contain an inventory of reported leaking storage tank incidents reported from 4/1/86 through the most recent update. They can be either leaking underground storage tanks or leaking aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills.

Date of Government Version: 02/07/2020
Date Data Arrived at EDR: 02/07/2020
Date Made Active in Reports: 04/20/2020
Number of Days to Update: 73

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 05/13/2020
Next Scheduled EDR Contact: 08/24/2020
Data Release Frequency: Varies

HIST LTANKS: Listing of Leaking Storage Tanks

A listing of leaking underground and aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills. In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY LTANKS database. Department of Environmental Conservation.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 07/08/2005
Date Made Active in Reports: 07/14/2005
Number of Days to Update: 6

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 07/07/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 02/01/2020
Date Data Arrived at EDR: 03/19/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 82

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 03/19/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Varies

UST: Petroleum Bulk Storage (PBS) Database

Facilities that have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons.

Date of Government Version: 03/23/2020
Date Data Arrived at EDR: 03/25/2020
Date Made Active in Reports: 06/10/2020
Number of Days to Update: 77

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 06/23/2020
Next Scheduled EDR Contact: 10/05/2020
Data Release Frequency: No Update Planned

CBS UST: Chemical Bulk Storage Database

Facilities that store regulated hazardous substances in underground tanks of any size

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 10/24/2005
Next Scheduled EDR Contact: 01/23/2006
Data Release Frequency: No Update Planned

MOSF UST: Major Oil Storage Facilities Database

Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

MOSF: Major Oil Storage Facility Site Listing

These facilities may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 03/23/2020
Date Data Arrived at EDR: 03/25/2020
Date Made Active in Reports: 06/10/2020
Number of Days to Update: 77

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 06/23/2020
Next Scheduled EDR Contact: 10/05/2020
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CBS: Chemical Bulk Storage Site Listing

These facilities store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size

Date of Government Version: 03/23/2020
Date Data Arrived at EDR: 03/25/2020
Date Made Active in Reports: 06/10/2020
Number of Days to Update: 77

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 06/23/2020
Next Scheduled EDR Contact: 10/05/2020
Data Release Frequency: Quarterly

AST: Petroleum Bulk Storage

Registered Aboveground Storage Tanks.

Date of Government Version: 03/23/2020
Date Data Arrived at EDR: 03/25/2020
Date Made Active in Reports: 06/10/2020
Number of Days to Update: 77

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 06/23/2020
Next Scheduled EDR Contact: 10/05/2020
Data Release Frequency: No Update Planned

CBS AST: Chemical Bulk Storage Database

Facilities that store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

MOSF AST: Major Oil Storage Facilities Database

Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 10/01/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 05/20/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 10/10/2019
Date Data Arrived at EDR: 12/05/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 67

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 05/20/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/01/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 05/20/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 10/11/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 05/20/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 10/11/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 05/20/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 10/04/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/27/2020
Number of Days to Update: 85

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 05/20/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 10/02/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 05/20/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 10/03/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/14/2020
Number of Days to Update: 72

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 05/20/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

TANKS: Storage Tank Faciliy Listing
This database contains records of facilities that are or have been regulated under Bulk Storage Program. Tank information for these facilities may not be releasable by the state agency.

Date of Government Version: 03/23/2020
Date Data Arrived at EDR: 03/25/2020
Date Made Active in Reports: 06/10/2020
Number of Days to Update: 77
Source: Department of Environmental Conservation
Telephone: 518-402-9543
Last EDR Contact: 06/23/2020
Next Scheduled EDR Contact: 10/05/2020
Data Release Frequency: Quarterly

State and tribal institutional control / engineering control registries

ENV RES DECL: Environmental Restrictive Declarations
The Environmental Restrictive Declarations (ERD) listed were recorded in connection with a zoning action against the noted Tax Blocks and Tax Lots, or portion thereof, and are available in the property records on file at the Office of the City Register for Bronx, Kings, New York and Queens counties or at the Richmond County Clerk's office. They contain environmental requirements with respect to hazardous materials, air quality and/or noise in accordance with Section 11-15 of this Resolution.

Date of Government Version: 12/16/2019
Date Data Arrived at EDR: 12/17/2019
Date Made Active in Reports: 03/02/2020
Number of Days to Update: 76
Source: New York City Department of City Planning
Telephone: 212-720-3300
Last EDR Contact: 06/15/2020
Next Scheduled EDR Contact: 09/28/2020
Data Release Frequency: Varies

RES DECL: Restrictive Declarations Listing
A restrictive declaration is a covenant running with the land which binds the present and future owners of the property. As a condition of certain special permits, the City Planning Commission may require an applicant to sign and record a restrictive declaration that places specified conditions on the future use and development of the property. Certain restrictive declarations are indicated by a D on zoning maps.

Date of Government Version: 12/16/2019
Date Data Arrived at EDR: 12/16/2019
Date Made Active in Reports: 03/02/2020
Number of Days to Update: 77
Source: NYC Department of City Planning
Telephone: 212-720-3401
Last EDR Contact: 06/17/2020
Next Scheduled EDR Contact: 09/28/2020
Data Release Frequency: Varies

ENG CONTROLS: Registry of Engineering Controls
Environmental Remediation sites that have engineering controls in place.

Date of Government Version: 02/10/2020
Date Data Arrived at EDR: 02/12/2020
Date Made Active in Reports: 04/22/2020
Number of Days to Update: 70
Source: Department of Environmental Conservation
Telephone: 518-402-9553
Last EDR Contact: 05/13/2020
Next Scheduled EDR Contact: 08/24/2020
Data Release Frequency: Quarterly

INST CONTROL: Registry of Institutional Controls
Environmental Remediation sites that have institutional controls in place.

Date of Government Version: 02/10/2020
Date Data Arrived at EDR: 02/12/2020
Date Made Active in Reports: 04/22/2020
Number of Days to Update: 70
Source: Department of Environmental Conservation
Telephone: 518-402-9553
Last EDR Contact: 05/13/2020
Next Scheduled EDR Contact: 08/24/2020
Data Release Frequency: Quarterly

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 06/17/2020
Next Scheduled EDR Contact: 10/05/2020
Data Release Frequency: Varies

VCP NYC: Voluntary Cleanup Program Listing NYC
New York City voluntary cleanup program sites.

Date of Government Version: 03/17/2020
Date Data Arrived at EDR: 03/18/2020
Date Made Active in Reports: 05/29/2020
Number of Days to Update: 72

Source: New York City Office of Environmental Protection
Telephone: 212-788-8841
Last EDR Contact: 06/11/2020
Next Scheduled EDR Contact: 09/28/2020
Data Release Frequency: Varies

VCP: Voluntary Cleanup Agreements
New York established its Voluntary Cleanup Program (VCP) to address the environmental, legal and financial barriers that often hinder the redevelopment and reuse of contaminated properties. The Voluntary Cleanup Program was developed to enhance private sector cleanup of brownfields by enabling parties to remediate sites using private rather than public funds and to reduce the development pressures on "greenfield" sites.

Date of Government Version: 02/10/2020
Date Data Arrived at EDR: 02/12/2020
Date Made Active in Reports: 04/22/2020
Number of Days to Update: 70

Source: Department of Environmental Conservation
Telephone: 518-402-9711
Last EDR Contact: 05/13/2020
Next Scheduled EDR Contact: 08/24/2020
Data Release Frequency: Semi-Annually

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Site List
A Brownfield is any real property where redevelopment or re-use may be complicated by the presence or potential presence of a hazardous waste, petroleum, pollutant, or contaminant.

Date of Government Version: 02/10/2020
Date Data Arrived at EDR: 02/12/2020
Date Made Active in Reports: 04/22/2020
Number of Days to Update: 70

Source: Department of Environmental Conservation
Telephone: 518-402-9764
Last EDR Contact: 05/13/2020
Next Scheduled EDR Contact: 08/24/2020
Data Release Frequency: Semi-Annually

ERP: Environmental Restoration Program Listing
In an effort to spur the cleanup and redevelopment of brownfields, New Yorkers approved a $200 million Environmental Restoration or Brownfields Fund as part of the $1.75 billion Clean Water/Clean Air Bond Act of 1996 (1996 Bond Act). Enhancements to the program were enacted on October 7, 2003. Under the Environmental Restoration Program, the State provides grants to municipalities to reimburse up to 90 percent of on-site eligible costs and 100% of off-site eligible costs for site investigation and remediation activities. Once remediated, the property may then be reused for commercial, industrial, residential or public use.

Date of Government Version: 02/10/2020
Date Data Arrived at EDR: 02/12/2020
Date Made Active in Reports: 04/22/2020
Number of Days to Update: 70

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 05/13/2020
Next Scheduled EDR Contact: 08/24/2020
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 06/01/2020
Date Data Arrived at EDR: 06/02/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 06/02/2020
Next Scheduled EDR Contact: 09/28/2020
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

SWTIRE: Registered Waste Tire Storage & Facility List

A listing of facilities registered to accept waste tires.

Date of Government Version: 02/27/2018
Date Data Arrived at EDR: 04/06/2018
Date Made Active in Reports: 06/08/2018
Number of Days to Update: 63

Source: Department of Environmental Conservation
Telephone: 518-402-8694
Last EDR Contact: 06/04/2020
Next Scheduled EDR Contact: 09/21/2020
Data Release Frequency: No Update Planned

SWRCY: Registered Recycling Facility List

A listing of recycling facilities.

Date of Government Version: 10/09/2019
Date Data Arrived at EDR: 10/10/2019
Date Made Active in Reports: 12/18/2019
Number of Days to Update: 69

Source: Department of Environmental Conservation
Telephone: 518-402-8678
Last EDR Contact: 04/03/2020
Next Scheduled EDR Contact: 07/13/2020
Data Release Frequency: Quarterly

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 04/16/2020
Next Scheduled EDR Contact: 08/10/2020
Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 04/09/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 05/01/2020
Next Scheduled EDR Contact: 08/10/2020
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 03/18/2020
Date Data Arrived at EDR: 03/19/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/18/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: No Update Planned

DEL SHWS: Delisted Registry Sites

A database listing of sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites.

Date of Government Version: 02/10/2020
Date Data Arrived at EDR: 02/12/2020
Date Made Active in Reports: 04/22/2020
Number of Days to Update: 70

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 05/13/2020
Next Scheduled EDR Contact: 08/24/2020
Data Release Frequency: Quarterly

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 03/18/2020
Date Data Arrived at EDR: 03/19/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/18/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: Quarterly

PFAS: PFAS Contamination Site Location Listing

DEC surveyed select businesses, fire departments, fire training centers, bulk storage facilities, airports, and Department of Defense (DoD) facilities. The responses to the survey have helped to determine if these entities used or stored materials containing PFOA/PFOS including AFFF and dispersants used in Teflon coating operations. The results of this survey will be updated periodically as additional responses are received..

Date of Government Version: 01/16/2019
Date Data Arrived at EDR: 05/08/2019
Date Made Active in Reports: 06/24/2019
Number of Days to Update: 47

Source: Department of Environmental Conservation
Telephone: 518-402-9020
Last EDR Contact: 05/04/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Varies

Local Lists of Registered Storage Tanks

SUFFOLK CO TANKS: Storage Tank Database
Facilities that have no tank information

Date of Government Version: 06/28/2018
Date Data Arrived at EDR: 02/05/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 31

Source: Department of Health Services
Telephone: 631-854-2516
Last EDR Contact: 04/17/2020
Next Scheduled EDR Contact: 08/10/2020
Data Release Frequency: Varies

HIST UST: Historical Petroleum Bulk Storage Database
These facilities have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. It is no longer updated due to the sensitive nature of the information involved. See UST for more current data.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 06/02/2006
Date Made Active in Reports: 07/20/2006
Number of Days to Update: 48

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 10/23/2006
Next Scheduled EDR Contact: 01/22/2007
Data Release Frequency: Varies

HIST AST: Historical Petroleum Bulk Storage Database
These facilities have petroleum storage capabilities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. No longer updated due to the sensitive nature of the information involved. See AST for more current data.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 06/02/2006
Date Made Active in Reports: 07/20/2006
Number of Days to Update: 48

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 10/23/2006
Next Scheduled EDR Contact: 01/22/2007
Data Release Frequency: No Update Planned

Local Land Records

LIENS: Spill Liens Information
Lien information from the Oil Spill Fund.

Date of Government Version: 03/06/2020
Date Data Arrived at EDR: 03/06/2020
Date Made Active in Reports: 05/12/2020
Number of Days to Update: 67

Source: Office of the State Comptroller
Telephone: 518-474-9034
Last EDR Contact: 05/14/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Quarterly

LIENS 2: CERCLA Lien Information
A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 04/27/2020
Date Data Arrived at EDR: 05/06/2020
Date Made Active in Reports: 05/28/2020
Number of Days to Update: 22

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 06/03/2020
Next Scheduled EDR Contact: 07/13/2020
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 02/27/2020
Date Data Arrived at EDR: 03/24/2020
Date Made Active in Reports: 06/18/2020
Number of Days to Update: 86

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 06/23/2020
Next Scheduled EDR Contact: 10/05/2020
Data Release Frequency: Quarterly

SPILLS: Spills Information Database

Data collected on spills reported to NYSDEC as required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2 (from CBS regs). It includes spills active as of April 1, 1986, as well as spills occurring since this date.

Date of Government Version: 02/07/2020
Date Data Arrived at EDR: 02/07/2020
Date Made Active in Reports: 04/20/2020
Number of Days to Update: 73

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 05/13/2020
Next Scheduled EDR Contact: 08/24/2020
Data Release Frequency: Varies

HIST SPILLS: SPILLS Database

This database contains records of chemical and petroleum spill incidents. Under State law, petroleum and hazardous chemical spills that can impact the waters of the state must be reported by the spiller (and, in some cases, by anyone who has knowledge of the spills). In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY SPILLS database. Department of Environmental Conservation.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 07/08/2005
Date Made Active in Reports: 07/14/2005
Number of Days to Update: 6

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 07/07/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 12/14/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/12/2013
Number of Days to Update: 40

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SPILLS 80: SPILLS80 data from FirstSearch

Spills 80 includes those spill and release records available from FirstSearch databases prior to 1990. Typically, they may include chemical, oil and/or hazardous substance spills recorded before 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 80.

Date of Government Version: 11/02/2010
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/07/2013
Number of Days to Update: 63

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/23/2020
Date Data Arrived at EDR: 03/25/2020
Date Made Active in Reports: 05/21/2020
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 06/22/2020
Next Scheduled EDR Contact: 10/05/2020
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 01/28/2020
Date Data Arrived at EDR: 02/19/2020
Date Made Active in Reports: 05/14/2020
Number of Days to Update: 85

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 05/18/2020
Next Scheduled EDR Contact: 08/31/2020
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 04/10/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 04/06/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 05/15/2020
Next Scheduled EDR Contact: 08/24/2020
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 03/23/2020
Date Data Arrived at EDR: 03/24/2020
Date Made Active in Reports: 06/18/2020
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 06/22/2020
Next Scheduled EDR Contact: 10/05/2020
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 05/04/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 05/08/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/21/2017
Date Made Active in Reports: 01/05/2018
Number of Days to Update: 198

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 06/17/2020
Next Scheduled EDR Contact: 09/28/2020
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 79

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 05/21/2020
Next Scheduled EDR Contact: 08/31/2020
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 05/01/2019
Date Data Arrived at EDR: 10/23/2019
Date Made Active in Reports: 01/15/2020
Number of Days to Update: 84

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 04/21/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 04/27/2020
Date Data Arrived at EDR: 05/06/2020
Date Made Active in Reports: 05/28/2020
Number of Days to Update: 22

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 06/03/2020
Next Scheduled EDR Contact: 09/14/2020
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 11/05/2019
Date Data Arrived at EDR: 11/20/2019
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 149

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 04/15/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 04/27/2020
Date Data Arrived at EDR: 05/06/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 34

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 06/03/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 10/09/2019
Date Data Arrived at EDR: 10/11/2019
Date Made Active in Reports: 12/20/2019
Number of Days to Update: 70

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 04/10/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 03/26/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 10/25/2019
Date Data Arrived at EDR: 10/25/2019
Date Made Active in Reports: 01/15/2020
Number of Days to Update: 82

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 04/10/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 01/15/2020
Number of Days to Update: 42

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 06/05/2020
Next Scheduled EDR Contact: 09/14/2020
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 06/01/2020
Next Scheduled EDR Contact: 09/14/2020
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 05/08/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 07/01/2019
Next Scheduled EDR Contact: 07/13/2020
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data
Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80
Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 04/28/2020
Next Scheduled EDR Contact: 08/10/2020
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees
Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 01/17/2020
Date Made Active in Reports: 03/06/2020
Number of Days to Update: 49

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 03/26/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 06/22/2020
Next Scheduled EDR Contact: 10/05/2020
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 04/10/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 04/29/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 05/18/2020
Next Scheduled EDR Contact: 08/31/2020
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 04/27/2020
Date Data Arrived at EDR: 05/06/2020
Date Made Active in Reports: 05/28/2020
Number of Days to Update: 22

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 06/03/2020
Next Scheduled EDR Contact: 07/13/2020
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 03/31/2020
Date Data Arrived at EDR: 04/01/2020
Date Made Active in Reports: 05/21/2020
Number of Days to Update: 50

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 05/27/2020
Next Scheduled EDR Contact: 09/14/2020
Data Release Frequency: Quarterly

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 02/11/2020
Date Data Arrived at EDR: 02/25/2020
Date Made Active in Reports: 05/21/2020
Number of Days to Update: 86

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 05/21/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 01/16/2018
Date Data Arrived at EDR: 02/28/2020
Date Made Active in Reports: 05/22/2020
Number of Days to Update: 84

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/27/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/21/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 03/05/2020
Date Data Arrived at EDR: 03/06/2020
Date Made Active in Reports: 05/29/2020
Number of Days to Update: 84

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 06/19/2020
Next Scheduled EDR Contact: 09/21/2020
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 02/03/2020
Date Data Arrived at EDR: 03/03/2020
Date Made Active in Reports: 05/28/2020
Number of Days to Update: 86

Source: EPA
Telephone: (212) 637-3000
Last EDR Contact: 06/02/2020
Next Scheduled EDR Contact: 09/14/2020
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 01/17/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 74

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 04/03/2020
Next Scheduled EDR Contact: 07/27/2020
Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 07/26/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 71

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 05/18/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 01/05/2020
Date Data Arrived at EDR: 01/07/2020
Date Made Active in Reports: 03/06/2020
Number of Days to Update: 59

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 04/07/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Quarterly

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 02/18/2020
Date Data Arrived at EDR: 02/19/2020
Date Made Active in Reports: 05/14/2020
Number of Days to Update: 85

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 05/19/2020
Next Scheduled EDR Contact: 08/31/2020
Data Release Frequency: Quarterly

AIRS: Air Emissions Data

Point source emissions inventory data.

Date of Government Version: 08/14/2019
Date Data Arrived at EDR: 08/14/2019
Date Made Active in Reports: 10/16/2019
Number of Days to Update: 63

Source: Department of Environmental Conservation
Telephone: 518-402-8452
Last EDR Contact: 03/25/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Annually

COAL ASH: Coal Ash Disposal Site Listing

A listing of coal ash disposal site locations.

Date of Government Version: 12/24/2019
Date Data Arrived at EDR: 03/03/2020
Date Made Active in Reports: 05/15/2020
Number of Days to Update: 73

Source: Department of Environmental Conservation
Telephone: 518-402-8660
Last EDR Contact: 03/20/2020
Next Scheduled EDR Contact: 07/13/2020
Data Release Frequency: Quarterly

DRYCLEANERS: Registered Drycleaners

A listing of all registered drycleaning facilities.

Date of Government Version: 07/12/2019
Date Data Arrived at EDR: 12/09/2019
Date Made Active in Reports: 02/06/2020
Number of Days to Update: 59

Source: Department of Environmental Conservation
Telephone: 518-402-8403
Last EDR Contact: 05/27/2020
Next Scheduled EDR Contact: 09/21/2020
Data Release Frequency: Annually

E DESIGNATION: E DESIGNATION SITE LISTING

The (E (Environmental)) designation would ensure that sampling and remediation take place on the subject properties, and would avoid any significant impacts related to hazardous materials at these locations. The (E) designations would require that the fee owner of the sites conduct a testing and sampling protocol, and remediation where appropriate, to the satisfaction of the NYCDEP before the issuance of a building permit by the Department of Buildings pursuant to the provisions of Section 11-15 of the Zoning Resolution (Environmental Requirements). The (E) designations also include a mandatory construction-related health and safety plan which must be approved by NYCDEP.

Date of Government Version: 02/27/2020
Date Data Arrived at EDR: 03/25/2020
Date Made Active in Reports: 06/10/2020
Number of Days to Update: 77

Source: New York City Department of City Planning
Telephone: 718-595-6658
Last EDR Contact: 06/17/2020
Next Scheduled EDR Contact: 09/28/2020
Data Release Frequency: Semi-Annually

Financial Assurance 1: Financial Assurance Information Listing

Financial assurance information.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/02/2019
Date Made Active in Reports: 09/06/2019
Number of Days to Update: 66

Source: Department of Environmental Conservation
Telephone: 518-402-8660
Last EDR Contact: 04/28/2020
Next Scheduled EDR Contact: 07/13/2020
Data Release Frequency: Quarterly

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for hazardous waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 03/01/2019
Date Data Arrived at EDR: 03/19/2019
Date Made Active in Reports: 06/18/2019
Number of Days to Update: 91

Source: Department of Environmental Conservation
Telephone: 518-402-8712
Last EDR Contact: 06/12/2020
Next Scheduled EDR Contact: 09/21/2020
Data Release Frequency: Varies

HSWDS: Hazardous Substance Waste Disposal Site Inventory

The list includes any known or suspected hazardous substance waste disposal sites. Also included are sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites and non-Registry sites that U.S. EPA Preliminary Assessment (PA) reports or Site Investigation (SI) reports were prepared. Hazardous Substance Waste Disposal Sites are eligible to be Superfund sites now that the New York State Superfund has been refinanced and changed. This means that the study inventory has served its purpose and will no longer be maintained as a separate entity. The last version of the study inventory is frozen in time. The sites on the study will not automatically be made Superfund sites, rather each site will be further evaluated for listing on the Registry. So overtime they will be added to the registry or not.

Date of Government Version: 01/01/2003
Date Data Arrived at EDR: 10/20/2006
Date Made Active in Reports: 11/30/2006
Number of Days to Update: 41

Source: Department of Environmental Conservation
Telephone: 518-402-9564
Last EDR Contact: 05/26/2009
Next Scheduled EDR Contact: 08/24/2009
Data Release Frequency: No Update Planned

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 05/01/2019
Date Made Active in Reports: 06/21/2019
Number of Days to Update: 51

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 04/29/2020
Next Scheduled EDR Contact: 08/10/2020
Data Release Frequency: Quarterly

SPDES: State Pollutant Discharge Elimination System

New York State has a state program which has been approved by the United States Environmental Protection Agency for the control of wastewater and stormwater discharges in accordance with the Clean Water Act. Under New York State law the program is known as the State Pollutant Discharge Elimination System (SPDES) and is broader in scope than that required by the Clean Water Act in that it controls point source discharges to groundwaters as well as surface waters.

Date of Government Version: 11/14/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/17/2020
Number of Days to Update: 63

Source: Department of Environmental Conservation
Telephone: 518-402-8233
Last EDR Contact: 04/14/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: No Update Planned

VAPOR REOPENED: Vapor Intrusion Legacy Site List

New York is currently re-evaluating previous assumptions and decisions regarding the potential for soil vapor intrusion exposures at sites. As a result, all past, current, and future contaminated sites will be evaluated to determine whether these sites have the potential for exposures related to soil vapor intrusion.

Date of Government Version: 12/01/2018
Date Data Arrived at EDR: 02/13/2019
Date Made Active in Reports: 06/13/2019
Number of Days to Update: 120

Source: Department of Environmenal Conservation
Telephone: 518-402-9814
Last EDR Contact: 05/15/2020
Next Scheduled EDR Contact: 08/24/2020
Data Release Frequency: Varies

UIC: Underground Injection Control Wells
A listing of enhanced oil recovery underground injection wells.

Date of Government Version: 03/01/2020
Date Data Arrived at EDR: 03/04/2020
Date Made Active in Reports: 05/12/2020
Number of Days to Update: 69

Source: Department of Environmental Conservation
Telephone: 518-402-8056
Last EDR Contact: 06/03/2020
Next Scheduled EDR Contact: 09/14/2020
Data Release Frequency: Quarterly

COOLING TOWERS: Registered Cooling Towers
This data includes the location of cooling towers registered with New York State. The data is self-reported by owners/property managers of cooling towers in service in New York State. In August 2015, the New York State Department of Health released emergency regulations requiring the owners of cooling towers to register them with New York State.

Date of Government Version: 01/14/2020
Date Data Arrived at EDR: 01/15/2020
Date Made Active in Reports: 03/25/2020
Number of Days to Update: 70

Source: Department of Health
Telephone: 518-402-7650
Last EDR Contact: 04/15/2020
Next Scheduled EDR Contact: 07/27/2020
Data Release Frequency: Varies

PCS ENF: Enforcement data
No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 03/26/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Varies

PCS INACTIVE: Listing of Inactive PCS Permits
An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014
Date Data Arrived at EDR: 01/06/2015
Date Made Active in Reports: 05/06/2015
Number of Days to Update: 120

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 03/26/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Semi-Annually

PCS: Permit Compliance System
PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 06/08/2020
Next Scheduled EDR Contact: 09/21/2020
Data Release Frequency: Semi-Annually

MINES MRDS: Mineral Resources Data System
Mineral Resources Data System

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 05/21/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List
The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Conservation in New York.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182
Source: Department of Environmental Conservation
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List
The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Conservation in New York.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/10/2014
Number of Days to Update: 193
Source: Department of Environmental Conservation
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

CORTLAND COUNTY:

AST - CORTLAND: Cortland County Storage Tank Listing
A listing of aboveground storage tank sites located in Cortland County.

Date of Government Version: 08/20/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 10/16/2019
Number of Days to Update: 57
Source: Cortland County Health Department
Telephone: 607-753-5035
Last EDR Contact: 04/17/2020
Next Scheduled EDR Contact: 08/10/2020
Data Release Frequency: Quarterly

UST - CORTLAND: Cortland County Storage Tank Listing
A listing of underground storage tank sites located in Cortland County.

Date of Government Version: 08/20/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 10/16/2019
Number of Days to Update: 57
Source: Cortland County Health Department
Telephone: 607-753-5035
Last EDR Contact: 04/17/2020
Next Scheduled EDR Contact: 08/10/2020
Data Release Frequency: Quarterly

NASSAU COUNTY:

AST - NASSAU: Registered Tank Database
A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 02/15/2017
Number of Days to Update: 35
Source: Nassau County Health Department
Telephone: 516-571-3314
Last EDR Contact: 04/17/2020
Next Scheduled EDR Contact: 08/10/2020
Data Release Frequency: No Update Planned

AST NCFM: Storage Tank Database
A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 02/15/2011
Date Data Arrived at EDR: 02/23/2011
Date Made Active in Reports: 03/29/2011
Number of Days to Update: 34
Source: Nassau County Office of the Fire Marshal
Telephone: 516-572-1000
Last EDR Contact: 04/17/2020
Next Scheduled EDR Contact: 08/10/2020
Data Release Frequency: Varies

TANKS NASSAU: Registered Tank Database in Nassau County
A listing of facilities in Nassau County with storage tanks.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 02/15/2017
Number of Days to Update: 35
Source: Nassau County Department of Health
Telephone: 516-227-9691
Last EDR Contact: 04/17/2020
Next Scheduled EDR Contact: 08/10/2020
Data Release Frequency: Varies

UST - NASSAU: Registered Tank Database
A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 02/15/2017
Number of Days to Update: 35
Source: Nassau County Health Department
Telephone: 516-571-3314
Last EDR Contact: 04/17/2020
Next Scheduled EDR Contact: 08/10/2020
Data Release Frequency: No Update Planned

UST NCFM: Storage Tank Database
A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 02/15/2011
Date Data Arrived at EDR: 02/23/2011
Date Made Active in Reports: 03/29/2011
Number of Days to Update: 34
Source: Nassau County Office of the Fire Marshal
Telephone: 516-572-1000
Last EDR Contact: 04/17/2020
Next Scheduled EDR Contact: 08/10/2020
Data Release Frequency: Varies

ROCKLAND COUNTY:

AST - ROCKLAND: Petroleum Bulk Storage Database
A listing of aboveground storage tank sites located in Rockland County. Rockland County?s Petroleum Bulk Storage (PBS) program is no longer in service. All related operations/duties are now wholly overseen by the New York State Dept. of Environmental Conservation (NYSDEC).

Date of Government Version: 02/02/2017
Date Data Arrived at EDR: 03/17/2017
Date Made Active in Reports: 09/22/2017
Number of Days to Update: 189
Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 05/28/2020
Next Scheduled EDR Contact: 09/14/2020
Data Release Frequency: No Update Planned

UST - ROCKLAND: Petroleum Bulk Storage Database
A listing of underground storage tank sites located in Rockland County. Rockland County?s Petroleum Bulk Storage (PBS) program is no longer in service. All related operations/duties are now wholly overseen by the New York State Dept. of Environmental Conservation (NYSDEC).

Date of Government Version: 02/02/2017
Date Data Arrived at EDR: 03/17/2017
Date Made Active in Reports: 09/22/2017
Number of Days to Update: 189
Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 05/28/2020
Next Scheduled EDR Contact: 09/14/2020
Data Release Frequency: No Update Planned

SUFFOLK COUNTY:

AST - SUFFOLK: Storage Tank Database
A listing of aboveground storage tank sites located in Suffolk County.

Date of Government Version: 06/28/2018
Date Data Arrived at EDR: 12/06/2018
Date Made Active in Reports: 02/07/2019
Number of Days to Update: 63

Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 04/17/2020
Next Scheduled EDR Contact: 08/10/2020
Data Release Frequency: No Update Planned

UST - SUFFOLK: Storage Tank Database
A listing of underground storage tank sites located in Suffolk County.

Date of Government Version: 06/28/2018
Date Data Arrived at EDR: 12/06/2018
Date Made Active in Reports: 02/07/2019
Number of Days to Update: 63

Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 04/17/2020
Next Scheduled EDR Contact: 08/10/2020
Data Release Frequency: No Update Planned

WESTCHESTER COUNTY:

AST - WESTCHESTER: Listing of Storage Tanks
A listing of aboveground storage tank sites located in Westchester County.

Date of Government Version: 01/31/2020
Date Data Arrived at EDR: 02/11/2020
Date Made Active in Reports: 02/14/2020
Number of Days to Update: 3

Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 04/17/2020
Next Scheduled EDR Contact: 08/10/2020
Data Release Frequency: Semi-Annually

UST - WESTCHESTER: Listing of Storage Tanks
A listing of underground storage tank sites located in Westchester County.

Date of Government Version: 01/31/2020
Date Data Arrived at EDR: 02/11/2020
Date Made Active in Reports: 02/14/2020
Number of Days to Update: 3

Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 04/17/2020
Next Scheduled EDR Contact: 08/10/2020
Data Release Frequency: Semi-Annually

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 01/30/2020
Date Data Arrived at EDR: 01/30/2020
Date Made Active in Reports: 03/09/2020
Number of Days to Update: 39

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 05/12/2020
Next Scheduled EDR Contact: 08/24/2020
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 04/10/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 04/02/2020
Next Scheduled EDR Contact: 07/27/2020
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 10/02/2019
Date Made Active in Reports: 12/10/2019
Number of Days to Update: 69

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 05/14/2020
Next Scheduled EDR Contact: 08/31/2020
Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data
Hazardous waste manifest information.

Date of Government Version: 10/28/2019
Date Data Arrived at EDR: 10/29/2019
Date Made Active in Reports: 01/09/2020
Number of Days to Update: 72

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 04/03/2020
Next Scheduled EDR Contact: 07/27/2020
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 06/04/2020
Next Scheduled EDR Contact: 09/21/2020
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: Endeavor Business Media
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data
Source: Endeavor Business Media
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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Day Care Providers
Source: Department of Health
Telephone: 212-676-2444

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Freshwater Wetlands
Source: Department of Environmental Conservation
Telephone: 518-402-8961

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

QBG
MAIN ST
FLUSHING, NY 11355

TARGET PROPERTY COORDINATES

Latitude (North):	40.749753 - 40° 44' 59.11''
Longitude (West):	73.832084 - 73° 49' 55.50''
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	598597.8
UTM Y (Meters):	4511422.5
Elevation:	18 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5940539 JAMAICA, NY
Version Date:	2013
North Map:	5940605 FLUSHING, NY
Version Date:	2013

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

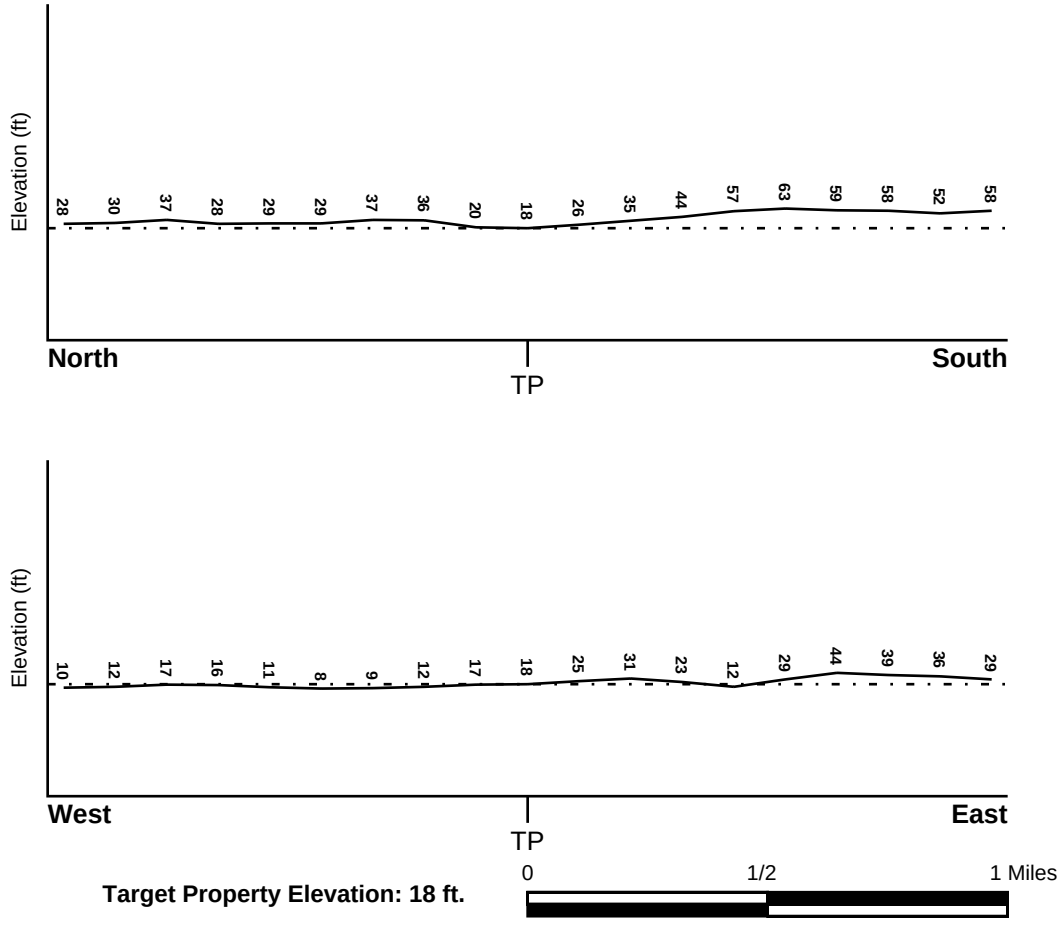
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General West

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Target Property Elevation: 18 ft.

Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
3604970227F	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
3604970113F	FEMA FIRM Flood data
3604970114F	FEMA FIRM Flood data
3604970226F	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
JAMAICA	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site−specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	Mesozoic
System:	Cretaceous
Series:	Upper Cretaceous
Code:	uK *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: URBAN LAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 10 inches

Depth to Bedrock Max: > 10 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	6 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: silt loam
loamy sand
sandy loam
fine sandy loam

Surficial Soil Types: silt loam
loamy sand
sandy loam
fine sandy loam

Shallow Soil Types: sandy loam

Deeper Soil Types: unweathered bedrock
very gravelly - loamy sand
stratified
sandy loam

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	USGS40000831416	0 - 1/8 Mile West
2	USGS40000831510	1/8 - 1/4 Mile NNW
3	USGS40000831506	1/4 - 1/2 Mile NW
A4	USGS40000831249	1/4 - 1/2 Mile SW
B5	USGS40000831465	1/4 - 1/2 Mile WNW
B6	USGS40000831584	1/4 - 1/2 Mile WNW
B7	USGS40000831454	1/4 - 1/2 Mile WNW
A8	USGS40000831383	1/4 - 1/2 Mile SW
B9	USGS40000831455	1/4 - 1/2 Mile WNW
10	USGS40000831431	1/4 - 1/2 Mile West
11	USGS40000831742	1/2 - 1 Mile North
12	USGS40000831466	1/2 - 1 Mile West
13	USGS40000831721	1/2 - 1 Mile NW
C14	USGS40000831603	1/2 - 1 Mile WNW
15	USGS40000831269	1/2 - 1 Mile WSW
C16	USGS40000831639	1/2 - 1 Mile WNW
17	USGS40000831116	1/2 - 1 Mile SW
18	USGS40000831151	1/2 - 1 Mile WSW
19	USGS40000830912	1/2 - 1 Mile South
D20	USGS40000831923	1/2 - 1 Mile North
D21	USGS40000831922	1/2 - 1 Mile North
23	USGS40000831456	1/2 - 1 Mile West
24	USGS40000831163	1/2 - 1 Mile WSW
25	USGS40000831681	1/2 - 1 Mile WNW
26	USGS40000831551	1/2 - 1 Mile WNW
27	USGS40000831990	1/2 - 1 Mile North
E28	USGS40000831505	1/2 - 1 Mile ENE
29	USGS40000831946	1/2 - 1 Mile NNW
30	USGS40000831982	1/2 - 1 Mile NNW
31	USGS40000830773	1/2 - 1 Mile SSW
E32	USGS40000831528	1/2 - 1 Mile ENE
33	USGS40000830873	1/2 - 1 Mile SE
34	USGS40000832022	1/2 - 1 Mile North

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
D22	NY0003461	1/2 - 1 Mile North

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

PHYSICAL SETTING SOURCE MAP - 6102101.2s

0 1/4 1/2 1 Miles

- County Boundary
- Major Roads
- Contour Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells

N

SITE NAME:	QBG	CLIENT:	AKRF, Inc.
ADDRESS:	Main St Flushing NY 11355	CONTACT:	Neoma Chefalo
LAT/LONG:	40.749753 / 73.832084	INQUIRY #:	6102101.2s
		DATE:	June 24, 2020 11:35 am

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

1
West
0 - 1/8 Mile
Higher

FED USGS **USGS40000831416**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 442. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	94	Well Hole Depth Units:	ft

2
NNW
1/8 - 1/4 Mile
Higher

FED USGS **USGS40000831510**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 2377. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	270	Well Hole Depth Units:	ft

3
NW
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000831506**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 2402. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	273	Well Hole Depth Units:	ft

A4
SW
1/4 - 1/2 Mile
Lower

FED USGS **USGS40000831249**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 1026. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported

Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	295	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	16	Level reading date:	1942-06-13
Feet below surface:	Not Reported	Feet to sea level:	5.33
Note:	Not Reported		

Level reading date:	1942-06-06	Feet below surface:	Not Reported
Feet to sea level:	5.27	Note:	Not Reported
Level reading date:	1942-05-30	Feet below surface:	Not Reported
Feet to sea level:	5.32	Note:	Not Reported
Level reading date:	1942-05-23	Feet below surface:	Not Reported
Feet to sea level:	5.27	Note:	Not Reported
Level reading date:	1942-05-16	Feet below surface:	Not Reported
Feet to sea level:	5.15	Note:	Not Reported
Level reading date:	1942-05-09	Feet below surface:	Not Reported
Feet to sea level:	4.84	Note:	Not Reported
Level reading date:	1942-05-02	Feet below surface:	Not Reported
Feet to sea level:	4.65	Note:	Not Reported
Level reading date:	1942-04-25	Feet below surface:	Not Reported
Feet to sea level:	4.69	Note:	Not Reported
Level reading date:	1942-04-18	Feet below surface:	Not Reported
Feet to sea level:	4.75	Note:	Not Reported
Level reading date:	1942-04-11	Feet below surface:	Not Reported
Feet to sea level:	4.65	Note:	Not Reported
Level reading date:	1942-04-04	Feet below surface:	Not Reported
Feet to sea level:	4.62	Note:	Not Reported
Level reading date:	1942-03-28	Feet below surface:	Not Reported
Feet to sea level:	4.37	Note:	Not Reported
Level reading date:	1942-03-21	Feet below surface:	Not Reported
Feet to sea level:	4.35	Note:	Not Reported
Level reading date:	1942-03-14	Feet below surface:	Not Reported
Feet to sea level:	4.28	Note:	Not Reported
Level reading date:	1942-03-07	Feet below surface:	Not Reported
Feet to sea level:	4.25	Note:	Not Reported
Level reading date:	1942-03-04	Feet below surface:	Not Reported
Feet to sea level:	4.33	Note:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

B5
WNW
1/4 - 1/2 Mile
Lower

FED USGS **USGS40000831465**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 2418. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Northern Atlantic Coastal Plain aquifer system		
Formation Type:	Glacial Aquifer, Upper	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	64
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	87	Level reading date:	2004-05-04
Feet below surface:	Not Reported	Feet to sea level:	0.07
Note:	Water level was affected by tide stage.		
Level reading date:	2003-03-20	Feet below surface:	Not Reported
Feet to sea level:	-0.63		
Note:	Water level was affected by tide stage.		
Level reading date:	2002-03-29	Feet below surface:	Not Reported
Feet to sea level:	1.02		
Note:	Water level was affected by tide stage.		
Level reading date:	2001-06-14	Feet below surface:	Not Reported
Feet to sea level:	1.02	Note:	Not Reported
Level reading date:	2001-03-21	Feet below surface:	Not Reported
Feet to sea level:	0.55		
Note:	Water level was affected by tide stage.		
Level reading date:	2000-03-22	Feet below surface:	Not Reported
Feet to sea level:	0.31		
Note:	Water level was affected by tide stage.		
Level reading date:	1999-03-30	Feet below surface:	Not Reported
Feet to sea level:	-0.09		
Note:	Water level was affected by tide stage.		
Level reading date:	1998-03-26	Feet below surface:	Not Reported
Feet to sea level:	1.39		
Note:	Water level was affected by tide stage.		
Level reading date:	1997-03-12	Feet below surface:	Not Reported
Feet to sea level:	1.08		
Note:	Water level was affected by tide stage.		
Level reading date:	1996-07-05	Feet below surface:	Not Reported
Feet to sea level:	2.03		
Note:	Water level was affected by tide stage.		
Level reading date:	1996-06-12	Feet below surface:	Not Reported
Feet to sea level:	1.94	Note:	Not Reported
Level reading date:	1995-03-16	Feet below surface:	Not Reported

Feet to sea level:	1.21		
Note:	Water level was affected by tide stage.		
Level reading date:	1995-03-16	Feet below surface:	Not Reported
Feet to sea level:	1.23		
Note:	Water level was affected by tide stage.		
Level reading date:	1995-01-04	Feet below surface:	Not Reported
Feet to sea level:	1.52		
Note:	Water level was affected by tide stage.		
Level reading date:	1994-06-30	Feet below surface:	Not Reported
Feet to sea level:	1.43		
Note:	Water level was affected by tide stage.		
Level reading date:	1994-04-25	Feet below surface:	Not Reported
Feet to sea level:	1.39		
Note:	Water level was affected by tide stage.		
Level reading date:	1993-11-18	Feet below surface:	Not Reported
Feet to sea level:	1.03		
Note:	Water level was affected by tide stage.		
Level reading date:	1993-08-20	Feet below surface:	Not Reported
Feet to sea level:	1.05	Note:	Not Reported
Level reading date:	1993-06-22	Feet below surface:	Not Reported
Feet to sea level:	1.21	Note:	Not Reported
Level reading date:	1993-05-24	Feet below surface:	Not Reported
Feet to sea level:	1.29		
Note:	Water level was affected by tide stage.		
Level reading date:	1992-11-20	Feet below surface:	Not Reported
Feet to sea level:	0.54		
Note:	Water level was affected by tide stage.		
Level reading date:	1992-06-19	Feet below surface:	Not Reported
Feet to sea level:	1.05		
Note:	Water level was affected by tide stage.		
Level reading date:	1990-04-25	Feet below surface:	Not Reported
Feet to sea level:	1.18		
Note:	Water level was affected by tide stage.		
Level reading date:	1989-04-12	Feet below surface:	Not Reported
Feet to sea level:	1.44	Note:	Not Reported
Level reading date:	1988-06-10	Feet below surface:	Not Reported
Feet to sea level:	0.92	Note:	Not Reported
Level reading date:	1986-09-02	Feet below surface:	Not Reported
Feet to sea level:	1.90	Note:	Not Reported
Level reading date:	1986-06-09	Feet below surface:	Not Reported
Feet to sea level:	2.09	Note:	Not Reported
Level reading date:	1986-04-02	Feet below surface:	Not Reported
Feet to sea level:	2.01	Note:	Not Reported
Level reading date:	1985-12-04	Feet below surface:	Not Reported
Feet to sea level:	2.33	Note:	Not Reported

Level reading date:	1985-10-10	Feet below surface:	Not Reported
Feet to sea level:	1.62	Note:	Not Reported
Level reading date:	1985-05-15	Feet below surface:	Not Reported
Feet to sea level:	0.98	Note:	Not Reported
Level reading date:	1985-05-15	Feet below surface:	Not Reported
Feet to sea level:	0.97	Note:	Not Reported
Level reading date:	1984-12-17	Feet below surface:	Not Reported
Feet to sea level:	2.45	Note:	Not Reported
Level reading date:	1984-10-11	Feet below surface:	Not Reported
Feet to sea level:	1.43	Note:	Not Reported
Level reading date:	1984-06-27	Feet below surface:	Not Reported
Feet to sea level:	2.32	Note:	Not Reported
Level reading date:	1984-03-22	Feet below surface:	Not Reported
Feet to sea level:	1.03	Note:	Not Reported
Level reading date:	1984-01-06	Feet below surface:	Not Reported
Feet to sea level:	1.48	Note:	Not Reported
Level reading date:	1983-09-26	Feet below surface:	Not Reported
Feet to sea level:	0.43	Note:	Not Reported
Level reading date:	1983-06-21	Feet below surface:	Not Reported
Feet to sea level:	0.84	Note:	Not Reported
Level reading date:	1983-03-22	Feet below surface:	Not Reported
Feet to sea level:	-0.18	Note:	Not Reported
Level reading date:	1982-12-20	Feet below surface:	Not Reported
Feet to sea level:	-0.55	Note:	Not Reported
Level reading date:	1982-10-04	Feet below surface:	Not Reported
Feet to sea level:	-0.61	Note:	Not Reported
Level reading date:	1982-06-29	Feet below surface:	Not Reported
Feet to sea level:	-0.58	Note:	Not Reported
Level reading date:	1982-03-25	Feet below surface:	Not Reported
Feet to sea level:	-0.70	Note:	Not Reported
Level reading date:	1981-12-30	Feet below surface:	Not Reported
Feet to sea level:	-2.09	Note:	Not Reported
Level reading date:	1981-09-22	Feet below surface:	Not Reported
Feet to sea level:	-1.79	Note:	Not Reported
Level reading date:	1981-06-23	Feet below surface:	Not Reported
Feet to sea level:	-2.66	Note:	Not Reported
Level reading date:	1981-03-17	Feet below surface:	Not Reported
Feet to sea level:	-1.90	Note:	Not Reported
Level reading date:	1981-03-03	Feet below surface:	Not Reported
Feet to sea level:	9.61	Note:	Not Reported
Level reading date:	1980-12-22	Feet below surface:	Not Reported
Feet to sea level:	2.91	Note:	Not Reported

Level reading date:	1980-09-24	Feet below surface:	Not Reported
Feet to sea level:	3.19	Note:	Not Reported
Level reading date:	1980-06-27	Feet below surface:	Not Reported
Feet to sea level:	3.61	Note:	Not Reported
Level reading date:	1980-03-13	Feet below surface:	Not Reported
Feet to sea level:	3.17	Note:	Not Reported
Level reading date:	1979-12-17	Feet below surface:	Not Reported
Feet to sea level:	3.83	Note:	Not Reported
Level reading date:	1979-09-19	Feet below surface:	Not Reported
Feet to sea level:	3.71	Note:	Not Reported
Level reading date:	1979-06-21	Feet below surface:	Not Reported
Feet to sea level:	3.08	Note:	Not Reported
Level reading date:	1979-03-12	Feet below surface:	Not Reported
Feet to sea level:	3.82	Note:	Not Reported
Level reading date:	1978-12-21	Feet below surface:	Not Reported
Feet to sea level:	3.86	Note:	Not Reported
Level reading date:	1978-10-02	Feet below surface:	Not Reported
Feet to sea level:	3.61	Note:	Not Reported
Level reading date:	1978-06-23	Feet below surface:	Not Reported
Feet to sea level:	3.80	Note:	Not Reported
Level reading date:	1978-04-04	Feet below surface:	Not Reported
Feet to sea level:	3.98	Note:	Not Reported
Level reading date:	1978-01-04	Feet below surface:	Not Reported
Feet to sea level:	3.81	Note:	Not Reported
Level reading date:	1977-10-03	Feet below surface:	Not Reported
Feet to sea level:	3.55	Note:	Not Reported
Level reading date:	1977-07-05	Feet below surface:	Not Reported
Feet to sea level:	3.67	Note:	Not Reported
Level reading date:	1977-03-28	Feet below surface:	Not Reported
Feet to sea level:	4.01	Note:	Not Reported
Level reading date:	1976-12-21	Feet below surface:	Not Reported
Feet to sea level:	3.86	Note:	Not Reported
Level reading date:	1976-09-24	Feet below surface:	Not Reported
Feet to sea level:	4.12	Note:	Not Reported
Level reading date:	1976-06-30	Feet below surface:	Not Reported
Feet to sea level:	-3.73	Note:	Not Reported
Level reading date:	1976-03-25	Feet below surface:	Not Reported
Feet to sea level:	-2.91	Note:	Not Reported
Level reading date:	1975-12-15	Feet below surface:	Not Reported
Feet to sea level:	0.71	Note:	Not Reported
Level reading date:	1972-12-21	Feet below surface:	Not Reported
Feet to sea level:	3.41	Note:	Not Reported

Level reading date:	1972-10-12	Feet below surface:	Not Reported
Feet to sea level:	-1.93	Note:	Not Reported
Level reading date:	1972-07-07	Feet below surface:	Not Reported
Feet to sea level:	-1.59	Note:	Not Reported
Level reading date:	1972-01-27	Feet below surface:	Not Reported
Feet to sea level:	2.32	Note:	Not Reported
Level reading date:	1971-09-29	Feet below surface:	Not Reported
Feet to sea level:	2.24	Note:	Not Reported
Level reading date:	1971-03-16	Feet below surface:	Not Reported
Feet to sea level:	2.20	Note:	Not Reported
Level reading date:	1969-04-17	Feet below surface:	Not Reported
Feet to sea level:	-0.51	Note:	Not Reported
Level reading date:	1968-10-01	Feet below surface:	Not Reported
Feet to sea level:	-0.66	Note:	Not Reported
Level reading date:	1968-06-07	Feet below surface:	Not Reported
Feet to sea level:	-0.41	Note:	Not Reported
Level reading date:	1968-03-21	Feet below surface:	Not Reported
Feet to sea level:	-0.29	Note:	Not Reported
Level reading date:	1967-12-21	Feet below surface:	Not Reported
Feet to sea level:	-0.46	Note:	Not Reported
Level reading date:	1967-11-13	Feet below surface:	Not Reported
Feet to sea level:	-0.81	Note:	Not Reported
Level reading date:	1967-10-11	Feet below surface:	Not Reported
Feet to sea level:	-0.77	Note:	Not Reported
Level reading date:	1967-09-12	Feet below surface:	Not Reported
Feet to sea level:	-0.81	Note:	Not Reported
Level reading date:	1967-07-14	Feet below surface:	Not Reported
Feet to sea level:	-0.94	Note:	Not Reported
Level reading date:	1967-06-09	Feet below surface:	Not Reported
Feet to sea level:	-0.81	Note:	Not Reported
Level reading date:	1967-05-09	Feet below surface:	Not Reported
Feet to sea level:	-0.21	Note:	Not Reported

B6
WNW
1/4 - 1/2 Mile
Lower

FED USGS **USGS40000831584**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 2416. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Northern Atlantic Coastal Plain aquifer system		
Formation Type:	Lloyd Aquifer	Aquifer Type:	Not Reported
Construction Date:	19630830	Well Depth:	273

Well Depth Units:	ft	Well Hole Depth:	274
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	15	Level reading date:	1995-03-16
Feet below surface:	Not Reported	Feet to sea level:	10.55
Note:	Water level was affected by tide stage.		

Level reading date:	1994-04-25	Feet below surface:	Not Reported
Feet to sea level:	10.65		
Note:	Water level was affected by tide stage.		

Level reading date:	1993-04-21	Feet below surface:	Not Reported
Feet to sea level:	10.61	Note:	Not Reported

Level reading date:	1991-04-02	Feet below surface:	Not Reported
Feet to sea level:	10.67		
Note:	Water level was affected by tide stage.		

Level reading date:	1990-04-11	Feet below surface:	Not Reported
Feet to sea level:	10.11		
Note:	Water level was affected by tide stage.		

Level reading date:	1988-12-21	Feet below surface:	Not Reported
Feet to sea level:	9.01		
Note:	Water level was affected by tide stage.		

Level reading date:	1988-03-01	Feet below surface:	Not Reported
Feet to sea level:	8.80		
Note:	Water level was affected by tide stage.		

Level reading date:	1987-02-05	Feet below surface:	Not Reported
Feet to sea level:	8.16		
Note:	Water level was affected by tide stage.		

Level reading date:	1986-02-14	Feet below surface:	Not Reported
Feet to sea level:	7.11	Note:	Not Reported

Level reading date:	1985-01-04	Feet below surface:	Not Reported
Feet to sea level:	7.93		
Note:	Water level was affected by tide stage.		

Level reading date:	1984-01-31	Feet below surface:	Not Reported
Feet to sea level:	6.94	Note:	Not Reported

Level reading date:	1983-01-06	Feet below surface:	Not Reported
Feet to sea level:	5.07	Note:	Not Reported

Level reading date:	1982-01-06	Feet below surface:	Not Reported
Feet to sea level:	5.44		
Note:	Water level was affected by tide stage.		

Level reading date:	1982-01-06	Feet below surface:	Not Reported
Feet to sea level:	5.40		
Note:	Water level was affected by tide stage.		

Level reading date:	1982-01-05	Feet below surface:	Not Reported
Feet to sea level:	5.16		
Note:	Water level was affected by tide stage.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

B7
WNW
1/4 - 1/2 Mile
Lower | **FED USGS** | **USGS40000831454**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 2419. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Northern Atlantic Coastal Plain aquifer system		
Formation Type:	Lloyd Aquifer	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	271
Well Depth Units:	ft	Well Hole Depth:	271
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	32	Level reading date:	1999-03-30
Feet below surface:	Not Reported	Feet to sea level:	10.02
Note:	Water level was affected by tide stage.		

Level reading date:	1998-04-29	Feet below surface:	Not Reported
Feet to sea level:	10.53		
Note:	The site was flowing, but the head could not be measured without additional equipment.		

Level reading date:	1998-03-26	Feet below surface:	Not Reported
Feet to sea level:	10.92		
Note:	The site was flowing, but the head could not be measured without additional equipment.		

Level reading date:	1998-02-25	Feet below surface:	Not Reported
Feet to sea level:	10.39		
Note:	The site was flowing, but the head could not be measured without additional equipment.		

Level reading date:	1998-01-27	Feet below surface:	Not Reported
Feet to sea level:	10.52		
Note:	The site was flowing, but the head could not be measured without additional equipment.		

Level reading date:	1997-12-29	Feet below surface:	Not Reported
Feet to sea level:	10.19		
Note:	The site was flowing, but the head could not be measured without additional equipment.		

Level reading date:	1997-11-25	Feet below surface:	Not Reported
Feet to sea level:	9.77		
Note:	The site was flowing, but the head could not be measured without additional equipment.		

Level reading date:	1997-10-29	Feet below surface:	Not Reported
Feet to sea level:	10.12		
Note:	The site was flowing, but the head could not be measured without additional equipment.		

Level reading date:	1997-09-29	Feet below surface:	Not Reported
Feet to sea level:	10.47		
Note:	The site was flowing, but the head could not be measured without additional equipment.		

Level reading date:	1997-03-12	Feet below surface:	Not Reported
Feet to sea level:	10.64		
Note:	Water level was affected by tide stage.		

Level reading date:	1996-07-05	Feet below surface:	Not Reported
Feet to sea level:	10.52		
Note:	Water level was affected by tide stage.		

Level reading date:	1995-03-16	Feet below surface:	Not Reported
Feet to sea level:	10.20		
Note:	Water level was affected by tide stage.		
Level reading date:	1995-01-04	Feet below surface:	Not Reported
Feet to sea level:	10.19		
Note:	Water level was affected by tide stage.		
Level reading date:	1994-06-30	Feet below surface:	Not Reported
Feet to sea level:	10.27		
Note:	Water level was affected by tide stage.		
Level reading date:	1994-04-25	Feet below surface:	Not Reported
Feet to sea level:	10.56		
Note:	Water level was affected by tide stage.		
Level reading date:	1993-11-18	Feet below surface:	Not Reported
Feet to sea level:	10.00		
Note:	Water level was affected by tide stage.		
Level reading date:	1993-08-20	Feet below surface:	Not Reported
Feet to sea level:	10.06		
Note:	Water level was affected by tide stage.		
Level reading date:	1993-06-22	Feet below surface:	Not Reported
Feet to sea level:	10.08		
Note:	Water level was affected by tide stage.		
Level reading date:	1992-11-20	Feet below surface:	Not Reported
Feet to sea level:	9.46		
Note:	Water level was affected by tide stage.		
Level reading date:	1990-04-25	Feet below surface:	Not Reported
Feet to sea level:	10.09		
Note:	Water level was affected by tide stage.		
Level reading date:	1975-10-06	Feet below surface:	Not Reported
Feet to sea level:	6.00	Note:	Not Reported
Level reading date:	1975-06-30	Feet below surface:	Not Reported
Feet to sea level:	5.53	Note:	Not Reported
Level reading date:	1975-03-28	Feet below surface:	Not Reported
Feet to sea level:	5.09	Note:	Not Reported
Level reading date:	1974-12-18	Feet below surface:	Not Reported
Feet to sea level:	4.84	Note:	Not Reported
Level reading date:	1974-09-03	Feet below surface:	Not Reported
Feet to sea level:	4.65	Note:	Not Reported
Level reading date:	1974-06-25	Feet below surface:	Not Reported
Feet to sea level:	4.73	Note:	Not Reported
Level reading date:	1974-03-20	Feet below surface:	Not Reported
Feet to sea level:	3.42	Note:	Not Reported
Level reading date:	1974-01-07	Feet below surface:	Not Reported
Feet to sea level:	4.28	Note:	Not Reported
Level reading date:	1973-10-02	Feet below surface:	Not Reported
Feet to sea level:	4.91	Note:	Not Reported

Level reading date:	1973-06-25	Feet below surface:	Not Reported
Feet to sea level:	3.70	Note:	Not Reported
Level reading date:	1973-04-04	Feet below surface:	Not Reported
Feet to sea level:	3.68	Note:	Not Reported
Level reading date:	1972-12-21	Feet below surface:	Not Reported
Feet to sea level:	3.41	Note:	Not Reported

A8
SW
1/4 - 1/2 Mile
Lower

FED USGS **USGS40000831383**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 1027. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	283	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	42	Level reading date:	1963-04-15
Feet below surface:	Not Reported	Feet to sea level:	5.67
Note:	Not Reported		
Level reading date:	1963-01-04	Feet below surface:	Not Reported
Feet to sea level:	6.06	Note:	Not Reported
Level reading date:	1962-05-01	Feet below surface:	Not Reported
Feet to sea level:	7.64	Note:	Not Reported
Level reading date:	1961-12-19	Feet below surface:	Not Reported
Feet to sea level:	7.13	Note:	Not Reported
Level reading date:	1961-04-19	Feet below surface:	Not Reported
Feet to sea level:	7.24	Note:	Not Reported
Level reading date:	1961-01-10	Feet below surface:	Not Reported
Feet to sea level:	6.67	Note:	Not Reported
Level reading date:	1960-07-21	Feet below surface:	Not Reported
Feet to sea level:	6.27	Note:	Not Reported
Level reading date:	1957-12-23	Feet below surface:	Not Reported
Feet to sea level:	6.47	Note:	Not Reported
Level reading date:	1956-12-26	Feet below surface:	Not Reported
Feet to sea level:	6.82	Note:	Not Reported
Level reading date:	1956-01-20	Feet below surface:	Not Reported
Feet to sea level:	7.65	Note:	Not Reported
Level reading date:	1954-12-30	Feet below surface:	Not Reported
Feet to sea level:	8.14	Note:	Not Reported
Level reading date:	1954-06-28	Feet below surface:	Not Reported
Feet to sea level:	7.48	Note:	Not Reported

Level reading date:	1954-05-24	Feet below surface:	Not Reported
Feet to sea level:	7.55	Note:	Not Reported
Level reading date:	1954-04-26	Feet below surface:	Not Reported
Feet to sea level:	7.44	Note:	Not Reported
Level reading date:	1954-03-24	Feet below surface:	Not Reported
Feet to sea level:	7.43	Note:	Not Reported
Level reading date:	1954-02-23	Feet below surface:	Not Reported
Feet to sea level:	7.40	Note:	Not Reported
Level reading date:	1954-01-25	Feet below surface:	Not Reported
Feet to sea level:	7.48	Note:	Not Reported
Level reading date:	1953-12-18	Feet below surface:	Not Reported
Feet to sea level:	7.68	Note:	Not Reported
Level reading date:	1953-11-23	Feet below surface:	Not Reported
Feet to sea level:	7.84	Note:	Not Reported
Level reading date:	1953-11-02	Feet below surface:	Not Reported
Feet to sea level:	7.74	Note:	Not Reported
Level reading date:	1953-09-28	Feet below surface:	Not Reported
Feet to sea level:	7.78	Note:	Not Reported
Level reading date:	1953-08-26	Feet below surface:	Not Reported
Feet to sea level:	8.01	Note:	Not Reported
Level reading date:	1953-08-14	Feet below surface:	Not Reported
Feet to sea level:	7.96	Note:	Not Reported
Level reading date:	1953-07-30	Feet below surface:	Not Reported
Feet to sea level:	8.11	Note:	Not Reported
Level reading date:	1953-06-24	Feet below surface:	Not Reported
Feet to sea level:	8.25	Note:	Not Reported
Level reading date:	1953-05-27	Feet below surface:	Not Reported
Feet to sea level:	8.45	Note:	Not Reported
Level reading date:	1953-04-28	Feet below surface:	Not Reported
Feet to sea level:	8.53	Note:	Not Reported
Level reading date:	1953-03-27	Feet below surface:	Not Reported
Feet to sea level:	8.47	Note:	Not Reported
Level reading date:	1953-03-02	Feet below surface:	Not Reported
Feet to sea level:	7.82	Note:	Not Reported
Level reading date:	1953-02-12	Feet below surface:	Not Reported
Feet to sea level:	8.16	Note:	Not Reported
Level reading date:	1952-12-29	Feet below surface:	Not Reported
Feet to sea level:	7.56	Note:	Not Reported
Level reading date:	1952-12-08	Feet below surface:	Not Reported
Feet to sea level:	7.63	Note:	Not Reported
Level reading date:	1952-11-07	Feet below surface:	Not Reported
Feet to sea level:	7.60	Note:	Not Reported

Level reading date:	1952-09-24	Feet below surface:	Not Reported
Feet to sea level:	7.77	Note:	Not Reported
Level reading date:	1952-08-27	Feet below surface:	Not Reported
Feet to sea level:	7.88	Note:	Not Reported
Level reading date:	1952-07-28	Feet below surface:	Not Reported
Feet to sea level:	7.93	Note:	Not Reported
Level reading date:	1952-06-25	Feet below surface:	Not Reported
Feet to sea level:	8.17	Note:	Not Reported
Level reading date:	1952-05-28	Feet below surface:	Not Reported
Feet to sea level:	8.06	Note:	Not Reported
Level reading date:	1952-04-30	Feet below surface:	Not Reported
Feet to sea level:	7.95	Note:	Not Reported
Level reading date:	1947-04-17	Feet below surface:	Not Reported
Feet to sea level:	5.97	Note:	Not Reported
Level reading date:	1947-03-26	Feet below surface:	Not Reported
Feet to sea level:	5.39	Note:	Not Reported
Level reading date:	1946-02-21	Feet below surface:	Not Reported
Feet to sea level:	5.90	Note:	Not Reported

B9
WNW
1/4 - 1/2 Mile
Lower

FED USGS **USGS40000831455**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 2420. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Northern Atlantic Coastal Plain aquifer system		
Formation Type:	Lloyd Aquifer	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	273
Well Depth Units:	ft	Well Hole Depth:	274
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	86	Level reading date:	1990-04-25
Feet below surface:	Not Reported	Feet to sea level:	10.16
Note:	Water level was affected by tide stage.		
Level reading date:	1988-12-21	Feet below surface:	Not Reported
Feet to sea level:	9.08		
Note:	Water level was affected by tide stage.		
Level reading date:	1988-03-01	Feet below surface:	Not Reported
Feet to sea level:	8.81		
Note:	Water level was affected by tide stage.		
Level reading date:	1987-02-05	Feet below surface:	Not Reported
Feet to sea level:	8.06		
Note:	Water level was affected by tide stage.		
Level reading date:	1986-09-02	Feet below surface:	Not Reported

Feet to sea level:	7.48	Note:	Not Reported
Level reading date:	1986-06-09	Feet below surface:	Not Reported
Feet to sea level:	8.17	Note:	Not Reported
Level reading date:	1986-02-14	Feet below surface:	Not Reported
Feet to sea level:	7.01	Note:	Not Reported
Level reading date:	1985-12-04	Feet below surface:	Not Reported
Feet to sea level:	6.85	Note:	Not Reported
Level reading date:	1985-10-10	Feet below surface:	Not Reported
Feet to sea level:	6.55	Note:	Not Reported
Level reading date:	1985-05-15	Feet below surface:	Not Reported
Feet to sea level:	7.21	Note:	Not Reported
Level reading date:	1985-01-04	Feet below surface:	Not Reported
Feet to sea level:	7.86		
Note:	Water level was affected by tide stage.		
Level reading date:	1984-12-17	Feet below surface:	Not Reported
Feet to sea level:	6.04	Note:	Not Reported
Level reading date:	1984-10-11	Feet below surface:	Not Reported
Feet to sea level:	5.98	Note:	Not Reported
Level reading date:	1984-06-27	Feet below surface:	Not Reported
Feet to sea level:	6.59	Note:	Not Reported
Level reading date:	1984-03-22	Feet below surface:	Not Reported
Feet to sea level:	6.82	Note:	Not Reported
Level reading date:	1984-01-31	Feet below surface:	Not Reported
Feet to sea level:	6.89	Note:	Not Reported
Level reading date:	1984-01-06	Feet below surface:	Not Reported
Feet to sea level:	5.13	Note:	Not Reported
Level reading date:	1983-09-26	Feet below surface:	Not Reported
Feet to sea level:	4.87	Note:	Not Reported
Level reading date:	1983-06-28	Feet below surface:	Not Reported
Feet to sea level:	5.04	Note:	Not Reported
Level reading date:	1983-03-22	Feet below surface:	Not Reported
Feet to sea level:	5.05		
Note:	Water level was affected by tide stage.		
Level reading date:	1983-01-06	Feet below surface:	Not Reported
Feet to sea level:	5.59		
Note:	Water level was affected by tide stage.		
Level reading date:	1982-12-20	Feet below surface:	Not Reported
Feet to sea level:	4.84		
Note:	Water level was affected by tide stage.		
Level reading date:	1982-10-04	Feet below surface:	Not Reported
Feet to sea level:	4.99	Note:	Not Reported
Level reading date:	1982-06-29	Feet below surface:	Not Reported
Feet to sea level:	5.31		

Note:	Water level was affected by tide stage.		
Level reading date:	1982-03-25	Feet below surface:	Not Reported
Feet to sea level:	5.13	Note:	Not Reported
Level reading date:	1982-01-06	Feet below surface:	Not Reported
Feet to sea level:	4.47		
Note:	Water level was affected by tide stage.		
Level reading date:	1982-01-06	Feet below surface:	Not Reported
Feet to sea level:	4.39		
Note:	Water level was affected by tide stage.		
Level reading date:	1981-12-30	Feet below surface:	Not Reported
Feet to sea level:	4.88		
Note:	Water level was affected by tide stage.		
Level reading date:	1981-09-22	Feet below surface:	Not Reported
Feet to sea level:	5.09	Note:	Not Reported
Level reading date:	1981-06-23	Feet below surface:	Not Reported
Feet to sea level:	5.45	Note:	Not Reported
Level reading date:	1981-03-17	Feet below surface:	Not Reported
Feet to sea level:	5.63	Note:	Not Reported
Level reading date:	1981-01-22	Feet below surface:	Not Reported
Feet to sea level:	4.94		
Note:	Water level was affected by tide stage.		
Level reading date:	1980-12-22	Feet below surface:	Not Reported
Feet to sea level:	4.24		
Note:	Water level was affected by tide stage.		
Level reading date:	1980-09-24	Feet below surface:	Not Reported
Feet to sea level:	4.44	Note:	Not Reported
Level reading date:	1980-06-12	Feet below surface:	Not Reported
Feet to sea level:	3.81	Note:	Not Reported
Level reading date:	1980-03-13	Feet below surface:	Not Reported
Feet to sea level:	5.10	Note:	Not Reported
Level reading date:	1980-01-21	Feet below surface:	Not Reported
Feet to sea level:	5.86		
Note:	Water level was affected by tide stage.		
Level reading date:	1979-12-17	Feet below surface:	Not Reported
Feet to sea level:	5.97	Note:	Not Reported
Level reading date:	1979-09-18	Feet below surface:	Not Reported
Feet to sea level:	5.84	Note:	Not Reported
Level reading date:	1979-06-21	Feet below surface:	Not Reported
Feet to sea level:	6.04	Note:	Not Reported
Level reading date:	1979-03-12	Feet below surface:	Not Reported
Feet to sea level:	6.01	Note:	Not Reported
Level reading date:	1979-01-18	Feet below surface:	Not Reported
Feet to sea level:	6.04	Note:	Not Reported

Level reading date:	1978-12-21	Feet below surface:	Not Reported
Feet to sea level:	5.64	Note:	Not Reported
Level reading date:	1978-10-02	Feet below surface:	Not Reported
Feet to sea level:	5.52	Note:	Not Reported
Level reading date:	1978-06-23	Feet below surface:	Not Reported
Feet to sea level:	5.71	Note:	Not Reported
Level reading date:	1978-04-04	Feet below surface:	Not Reported
Feet to sea level:	5.84	Note:	Not Reported
Level reading date:	1978-02-01	Feet below surface:	Not Reported
Feet to sea level:	5.76	Note:	Not Reported
Level reading date:	1978-01-04	Feet below surface:	Not Reported
Feet to sea level:	5.47	Note:	Not Reported
Level reading date:	1977-10-03	Feet below surface:	Not Reported
Feet to sea level:	5.34	Note:	Not Reported
Level reading date:	1977-07-05	Feet below surface:	Not Reported
Feet to sea level:	5.08	Note:	Not Reported
Level reading date:	1977-03-28	Feet below surface:	Not Reported
Feet to sea level:	5.45	Note:	Not Reported
Level reading date:	1976-12-21	Feet below surface:	Not Reported
Feet to sea level:	5.18	Note:	Not Reported
Level reading date:	1976-09-24	Feet below surface:	Not Reported
Feet to sea level:	5.45	Note:	Not Reported
Level reading date:	1976-06-30	Feet below surface:	Not Reported
Feet to sea level:	5.75	Note:	Not Reported
Level reading date:	1976-03-25	Feet below surface:	Not Reported
Feet to sea level:	5.85	Note:	Not Reported
Level reading date:	1975-12-15	Feet below surface:	Not Reported
Feet to sea level:	6.05	Note:	Not Reported
Level reading date:	1975-10-06	Feet below surface:	Not Reported
Feet to sea level:	5.96	Note:	Not Reported
Level reading date:	1975-06-30	Feet below surface:	Not Reported
Feet to sea level:	5.57	Note:	Not Reported
Level reading date:	1975-03-28	Feet below surface:	Not Reported
Feet to sea level:	5.06	Note:	Not Reported
Level reading date:	1974-12-18	Feet below surface:	Not Reported
Feet to sea level:	4.94	Note:	Not Reported
Level reading date:	1974-09-03	Feet below surface:	Not Reported
Feet to sea level:	4.68	Note:	Not Reported
Level reading date:	1974-06-25	Feet below surface:	Not Reported
Feet to sea level:	4.71	Note:	Not Reported
Level reading date:	1974-03-20	Feet below surface:	Not Reported
Feet to sea level:	4.42	Note:	Not Reported

Level reading date:	1974-01-07	Feet below surface:	Not Reported
Feet to sea level:	4.30	Note:	Not Reported
Level reading date:	1973-10-02	Feet below surface:	Not Reported
Feet to sea level:	4.46	Note:	Not Reported
Level reading date:	1973-06-25	Feet below surface:	Not Reported
Feet to sea level:	4.41	Note:	Not Reported
Level reading date:	1973-04-04	Feet below surface:	Not Reported
Feet to sea level:	4.53	Note:	Not Reported
Level reading date:	1973-01-10	Feet below surface:	Not Reported
Feet to sea level:	4.24	Note:	Not Reported
Level reading date:	1972-12-21	Feet below surface:	Not Reported
Feet to sea level:	3.45	Note:	Not Reported
Level reading date:	1972-10-12	Feet below surface:	Not Reported
Feet to sea level:	3.27	Note:	Not Reported
Level reading date:	1972-06-20	Feet below surface:	Not Reported
Feet to sea level:	4.44	Note:	Not Reported
Level reading date:	1972-01-27	Feet below surface:	Not Reported
Feet to sea level:	3.53	Note:	Not Reported
Level reading date:	1972-01-06	Feet below surface:	Not Reported
Feet to sea level:	3.46	Note:	Not Reported
Level reading date:	1971-09-29	Feet below surface:	Not Reported
Feet to sea level:	3.45	Note:	Not Reported
Level reading date:	1971-05-11	Feet below surface:	Not Reported
Feet to sea level:	3.34	Note:	Not Reported
Level reading date:	1970-12-16	Feet below surface:	Not Reported
Feet to sea level:	-7.26	Note:	Not Reported
Level reading date:	1970-12-03	Feet below surface:	Not Reported
Feet to sea level:	-8.58	Note:	Not Reported
Level reading date:	1969-05-17	Feet below surface:	Not Reported
Feet to sea level:	-4.59	Note:	Not Reported
Level reading date:	1968-06-07	Feet below surface:	Not Reported
Feet to sea level:	-5.78	Note:	Not Reported
Level reading date:	1968-03-21	Feet below surface:	Not Reported
Feet to sea level:	1.49	Note:	Not Reported
Level reading date:	1967-12-21	Feet below surface:	Not Reported
Feet to sea level:	1.87	Note:	Not Reported
Level reading date:	1967-11-13	Feet below surface:	Not Reported
Feet to sea level:	-2.39	Note:	Not Reported
Level reading date:	1967-10-11	Feet below surface:	Not Reported
Feet to sea level:	3.88		
Note:	Water level was affected by tide stage.		
Level reading date:	1967-09-12	Feet below surface:	Not Reported

Feet to sea level:	0.82		
Note:	Water level was affected by tide stage.		
Level reading date:	1967-07-14	Feet below surface:	Not Reported
Feet to sea level:	10.62	Note:	Not Reported
Level reading date:	1967-06-07	Feet below surface:	Not Reported
Feet to sea level:	11.74	Note:	Not Reported

10
West
1/4 - 1/2 Mile
Lower

FED USGS **USGS40000831431**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 441. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	85	Well Hole Depth Units:	ft

11
North
1/2 - 1 Mile
Higher

FED USGS **USGS40000831742**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 150. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

Ground water levels,Number of Measurements:	7	Level reading date:	1961-01-10
Feet below surface:	Not Reported	Feet to sea level:	6.96
Note:	Not Reported		
Level reading date:	1960-01-08	Feet below surface:	Not Reported
Feet to sea level:	6.82	Note:	Not Reported
Level reading date:	1959-03-17	Feet below surface:	Not Reported
Feet to sea level:	6.85	Note:	Not Reported
Level reading date:	1953-01-14	Feet below surface:	Not Reported
Feet to sea level:	7.80	Note:	Not Reported
Level reading date:	1951-12-27	Feet below surface:	Not Reported
Feet to sea level:	7.84	Note:	Not Reported
Level reading date:	1950-12-05	Feet below surface:	Not Reported
Feet to sea level:	7.76	Note:	Not Reported

Level reading date:	1950-07-14	Feet below surface:	Not Reported
Feet to sea level:	7.46	Note:	Not Reported

12
West
1/2 - 1 Mile
Lower

FED USGS **USGS40000831466**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 452. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	91	Well Hole Depth Units:	ft

13
NW
1/2 - 1 Mile
Lower

FED USGS **USGS40000831721**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 601. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	156	Well Hole Depth Units:	ft

C14
WNW
1/2 - 1 Mile
Lower

FED USGS **USGS40000831603**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 1730. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Northern Atlantic Coastal Plain aquifer system		
Formation Type:	Jameco Aquifer	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	267
Well Depth Units:	ft	Well Hole Depth:	270
Well Hole Depth Units:	ft		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

15
WSW
1/2 - 1 Mile
Higher

FED USGS **USGS40000831269**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 440. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	121	Well Hole Depth Units:	ft

C16
WNW
1/2 - 1 Mile
Lower

FED USGS **USGS40000831639**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 451. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	159	Well Hole Depth Units:	ft

17
SW
1/2 - 1 Mile
Lower

FED USGS **USGS40000831116**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 444. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	82	Well Hole Depth Units:	ft

18
WSW
1/2 - 1 Mile
Higher

FED USGS **USGS40000831151**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 1028. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported

Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	424	Well Hole Depth Units:	ft

19
South
1/2 - 1 Mile
Higher

FED USGS **USGS40000830912**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 1711. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Northern Atlantic Coastal Plain aquifer system		
Formation Type:	Glacial Aquifer, Upper	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	97
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

D20
North
1/2 - 1 Mile
Higher

FED USGS **USGS40000831923**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 1516. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	112	Well Hole Depth Units:	ft

D21
North
1/2 - 1 Mile
Higher

FED USGS **USGS40000831922**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 127. 1	Type:	Well
Description:	5401	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	90	Well Depth Units:	ft
Well Hole Depth:	200	Well Hole Depth Units:	ft

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

D22
North
1/2 - 1 Mile
Higher | **FRDS PWS** | **NY0003461**

PWS ID:	NY0003461	PWS type:	System Owner/Responsible Party
PWS name:	BLAU MICHAEL	PWS address:	VILLAGE OF TARRYTOWN
PWS address:	21 WILDEY STREET	PWS city:	TARRYTOWN
PWS state:	NY	PWS zip:	10591
PWS ID:	NY0003461	Activity status:	Active
Date system activated:	Not Reported	Date system deactivated:	Not Reported
Retail population:	00011000	System name:	TARRYTOWN WATER SUPPLY
System address:	Not Reported	System address:	OLD SAW MILL RIVER ROAD
System city:	TARRYTOWN	System state:	NY
System zip:	10591		
County FIPS:	059	City served:	TARRYTOWN
Latitude:	413016	Longitude:	0735812
Latitude:	404540	Longitude:	0734955

23
West
1/2 - 1 Mile
Higher | **FED USGS** | **USGS40000831456**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 2417. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	291	Well Depth Units:	ft
Well Hole Depth:	304	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	52	Level reading date:	1978-01-04
Feet below surface:	Not Reported	Feet to sea level:	5.52
Note:	Not Reported		
Level reading date:	1977-09-22	Feet below surface:	Not Reported
Feet to sea level:	5.73	Note:	Not Reported
Level reading date:	1977-07-05	Feet below surface:	Not Reported
Feet to sea level:	4.30	Note:	Not Reported
Level reading date:	1977-03-21	Feet below surface:	Not Reported
Feet to sea level:	5.42	Note:	Not Reported
Level reading date:	1977-01-27	Feet below surface:	Not Reported
Feet to sea level:	5.57	Note:	Not Reported
Level reading date:	1976-12-21	Feet below surface:	Not Reported
Feet to sea level:	5.43	Note:	Not Reported
Level reading date:	1976-09-24	Feet below surface:	Not Reported
Feet to sea level:	5.83	Note:	Not Reported

Level reading date:	1976-06-30	Feet below surface:	Not Reported
Feet to sea level:	6.30	Note:	Not Reported
Level reading date:	1976-03-25	Feet below surface:	Not Reported
Feet to sea level:	6.14	Note:	Not Reported
Level reading date:	1976-03-17	Feet below surface:	Not Reported
Feet to sea level:	6.23	Note:	Not Reported
Level reading date:	1976-01-23	Feet below surface:	Not Reported
Feet to sea level:	6.14	Note:	Not Reported
Level reading date:	1975-12-15	Feet below surface:	Not Reported
Feet to sea level:	7.04	Note:	Not Reported
Level reading date:	1975-10-06	Feet below surface:	Not Reported
Feet to sea level:	6.58	Note:	Not Reported
Level reading date:	1975-06-30	Feet below surface:	Not Reported
Feet to sea level:	6.11	Note:	Not Reported
Level reading date:	1975-03-25	Feet below surface:	Not Reported
Feet to sea level:	5.81	Note:	Not Reported
Level reading date:	1974-12-18	Feet below surface:	Not Reported
Feet to sea level:	5.77	Note:	Not Reported
Level reading date:	1974-09-03	Feet below surface:	Not Reported
Feet to sea level:	5.59	Note:	Not Reported
Level reading date:	1974-06-25	Feet below surface:	Not Reported
Feet to sea level:	6.09	Note:	Not Reported
Level reading date:	1974-03-20	Feet below surface:	Not Reported
Feet to sea level:	5.83	Note:	Not Reported
Level reading date:	1974-01-07	Feet below surface:	Not Reported
Feet to sea level:	5.59	Note:	Not Reported
Level reading date:	1973-09-27	Feet below surface:	Not Reported
Feet to sea level:	5.54	Note:	Not Reported
Level reading date:	1973-07-16	Feet below surface:	Not Reported
Feet to sea level:	5.71	Note:	Not Reported
Level reading date:	1973-06-25	Feet below surface:	Not Reported
Feet to sea level:	5.60	Note:	Not Reported
Level reading date:	1973-04-04	Feet below surface:	Not Reported
Feet to sea level:	5.93	Note:	Not Reported
Level reading date:	1973-03-21	Feet below surface:	Not Reported
Feet to sea level:	5.60	Note:	Not Reported
Level reading date:	1973-01-10	Feet below surface:	Not Reported
Feet to sea level:	4.65	Note:	Not Reported
Level reading date:	1972-12-21	Feet below surface:	Not Reported
Feet to sea level:	4.75	Note:	Not Reported
Level reading date:	1972-10-11	Feet below surface:	Not Reported
Feet to sea level:	5.15	Note:	Not Reported

Level reading date:	1972-06-20	Feet below surface:	Not Reported
Feet to sea level:	6.15	Note:	Not Reported
Level reading date:	1972-03-14	Feet below surface:	Not Reported
Feet to sea level:	5.18	Note:	Not Reported
Level reading date:	1971-12-30	Feet below surface:	Not Reported
Feet to sea level:	5.14	Note:	Not Reported
Level reading date:	1971-09-29	Feet below surface:	Not Reported
Feet to sea level:	4.22	Note:	Not Reported
Level reading date:	1971-03-16	Feet below surface:	Not Reported
Feet to sea level:	4.10	Note:	Not Reported
Level reading date:	1970-11-20	Feet below surface:	Not Reported
Feet to sea level:	3.78	Note:	Not Reported
Level reading date:	1970-06-08	Feet below surface:	Not Reported
Feet to sea level:	3.46	Note:	Not Reported
Level reading date:	1970-02-27	Feet below surface:	Not Reported
Feet to sea level:	3.23	Note:	Not Reported
Level reading date:	1969-06-18	Feet below surface:	Not Reported
Feet to sea level:	3.26	Note:	Not Reported
Level reading date:	1969-04-16	Feet below surface:	Not Reported
Feet to sea level:	3.48	Note:	Not Reported
Level reading date:	1968-10-01	Feet below surface:	Not Reported
Feet to sea level:	2.54	Note:	Not Reported
Level reading date:	1968-09-09	Feet below surface:	Not Reported
Feet to sea level:	2.70	Note:	Not Reported
Level reading date:	1968-06-07	Feet below surface:	Not Reported
Feet to sea level:	3.26	Note:	Not Reported
Level reading date:	1968-05-10	Feet below surface:	Not Reported
Feet to sea level:	3.30	Note:	Not Reported
Level reading date:	1968-04-15	Feet below surface:	Not Reported
Feet to sea level:	3.28	Note:	Not Reported
Level reading date:	1968-03-21	Feet below surface:	Not Reported
Feet to sea level:	3.18	Note:	Not Reported
Level reading date:	1967-12-21	Feet below surface:	Not Reported
Feet to sea level:	3.60	Note:	Not Reported
Level reading date:	1967-11-13	Feet below surface:	Not Reported
Feet to sea level:	3.51	Note:	Not Reported
Level reading date:	1967-10-11	Feet below surface:	Not Reported
Feet to sea level:	3.52	Note:	Not Reported
Level reading date:	1967-09-12	Feet below surface:	Not Reported
Feet to sea level:	3.40	Note:	Not Reported
Level reading date:	1967-07-14	Feet below surface:	Not Reported
Feet to sea level:	2.98	Note:	Not Reported

Level reading date:	1967-06-07	Feet below surface:	Not Reported
Feet to sea level:	1.19	Note:	Not Reported
Level reading date:	1967-05-03	Feet below surface:	Not Reported
Feet to sea level:	4.31	Note:	Not Reported
Level reading date:	1967-04-13	Feet below surface:	Not Reported
Feet to sea level:	3.98	Note:	Not Reported

24
WSW
1/2 - 1 Mile
Higher

FED USGS **USGS40000831163**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 443. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	103	Well Hole Depth Units:	ft

25
WNW
1/2 - 1 Mile
Lower

FED USGS **USGS40000831681**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 3134. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Northern Atlantic Coastal Plain aquifer system		
Formation Type:	Glacial Aquifer, Upper	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

26
WNW
1/2 - 1 Mile
Lower

FED USGS **USGS40000831551**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 439. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	128	Well Hole Depth Units:	ft

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

27
North
1/2 - 1 Mile
Higher

FED USGS **USGS40000831990**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 2195. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	92	Well Hole Depth Units:	ft

E28
ENE
1/2 - 1 Mile
Higher

FED USGS **USGS40000831505**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 3812. 1	Type:	Well
Description:	LAT/LONG UPDATES FROM SIM 3066		
HUC:	02030201	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported		
Aquifer:	Northern Atlantic Coastal Plain aquifer system		
Formation Type:	Glacial Aquifer, Upper	Aquifer Type:	Unconfined single aquifer
Construction Date:	20000613	Well Depth:	55
Well Depth Units:	ft	Well Hole Depth:	55
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	50	Level reading date:	2005-02-23
Feet below surface:	Not Reported	Feet to sea level:	17.95
Note:	Not Reported		

Level reading date:	2005-01-31	Feet below surface:	Not Reported
Feet to sea level:	17.83	Note:	Not Reported
Level reading date:	2004-12-17	Feet below surface:	Not Reported
Feet to sea level:	17.88	Note:	Not Reported
Level reading date:	2004-11-17	Feet below surface:	Not Reported
Feet to sea level:	17.82	Note:	Not Reported
Level reading date:	2004-10-25	Feet below surface:	Not Reported
Feet to sea level:	17.82	Note:	Not Reported
Level reading date:	2004-09-22	Feet below surface:	Not Reported
Feet to sea level:	17.73	Note:	Not Reported
Level reading date:	2004-08-24	Feet below surface:	Not Reported
Feet to sea level:	17.58	Note:	Not Reported
Level reading date:	2004-07-22	Feet below surface:	Not Reported
Feet to sea level:	17.54	Note:	Not Reported

Level reading date:	2004-06-23	Feet below surface:	Not Reported
Feet to sea level:	17.51	Note:	Not Reported
Level reading date:	2004-05-25	Feet below surface:	Not Reported
Feet to sea level:	17.54	Note:	Not Reported
Level reading date:	2004-04-29	Feet below surface:	Not Reported
Feet to sea level:	17.39	Note:	Not Reported
Level reading date:	2004-02-25	Feet below surface:	Not Reported
Feet to sea level:	17.37	Note:	Not Reported
Level reading date:	2004-01-22	Feet below surface:	Not Reported
Feet to sea level:	17.47	Note:	Not Reported
Level reading date:	2003-12-01	Feet below surface:	Not Reported
Feet to sea level:	17.20	Note:	Not Reported
Level reading date:	2003-10-30	Feet below surface:	Not Reported
Feet to sea level:	17.13	Note:	Not Reported
Level reading date:	2003-09-26	Feet below surface:	Not Reported
Feet to sea level:	17.22	Note:	Not Reported
Level reading date:	2003-08-28	Feet below surface:	Not Reported
Feet to sea level:	17.23	Note:	Not Reported
Level reading date:	2003-07-30	Feet below surface:	Not Reported
Feet to sea level:	17.19	Note:	Not Reported
Level reading date:	2003-06-26	Feet below surface:	Not Reported
Feet to sea level:	17.16	Note:	Not Reported
Level reading date:	2003-05-29	Feet below surface:	Not Reported
Feet to sea level:	16.78	Note:	Not Reported
Level reading date:	2003-02-26	Feet below surface:	Not Reported
Feet to sea level:	16.32	Note:	Not Reported
Level reading date:	2003-01-30	Feet below surface:	Not Reported
Feet to sea level:	16.25	Note:	Not Reported
Level reading date:	2002-12-23	Feet below surface:	Not Reported
Feet to sea level:	16.12	Note:	Not Reported
Level reading date:	2002-11-25	Feet below surface:	Not Reported
Feet to sea level:	16.03	Note:	Not Reported
Level reading date:	2002-10-23	Feet below surface:	Not Reported
Feet to sea level:	15.95	Note:	Not Reported
Level reading date:	2002-09-24	Feet below surface:	Not Reported
Feet to sea level:	15.87	Note:	Not Reported
Level reading date:	2002-08-28	Feet below surface:	Not Reported
Feet to sea level:	15.77	Note:	Not Reported
Level reading date:	2002-07-18	Feet below surface:	Not Reported
Feet to sea level:	15.92	Note:	Not Reported
Level reading date:	2002-06-26	Feet below surface:	Not Reported
Feet to sea level:	15.99	Note:	Not Reported

Level reading date:	2002-05-28	Feet below surface:	Not Reported
Feet to sea level:	15.98	Note:	Not Reported
Level reading date:	2002-04-26	Feet below surface:	Not Reported
Feet to sea level:	15.85	Note:	Not Reported
Level reading date:	2002-02-26	Feet below surface:	Not Reported
Feet to sea level:	16.21	Note:	Not Reported
Level reading date:	2002-01-29	Feet below surface:	Not Reported
Feet to sea level:	16.23	Note:	Not Reported
Level reading date:	2001-12-27	Feet below surface:	Not Reported
Feet to sea level:	16.38	Note:	Not Reported
Level reading date:	2001-11-20	Feet below surface:	Not Reported
Feet to sea level:	16.52	Note:	Not Reported
Level reading date:	2001-10-23	Feet below surface:	Not Reported
Feet to sea level:	16.63	Note:	Not Reported
Level reading date:	2001-09-25	Feet below surface:	Not Reported
Feet to sea level:	16.67	Note:	Not Reported
Level reading date:	2001-08-22	Feet below surface:	Not Reported
Feet to sea level:	16.67	Note:	Not Reported
Level reading date:	2001-07-25	Feet below surface:	Not Reported
Feet to sea level:	16.71	Note:	Not Reported
Level reading date:	2001-06-27	Feet below surface:	Not Reported
Feet to sea level:	16.77	Note:	Not Reported
Level reading date:	2001-05-23	Feet below surface:	Not Reported
Feet to sea level:	16.75	Note:	Not Reported
Level reading date:	2001-04-24	Feet below surface:	Not Reported
Feet to sea level:	16.86	Note:	Not Reported
Level reading date:	2001-02-26	Feet below surface:	Not Reported
Feet to sea level:	16.27	Note:	Not Reported
Level reading date:	2001-01-31	Feet below surface:	Not Reported
Feet to sea level:	16.50	Note:	Not Reported
Level reading date:	2000-12-20	Feet below surface:	Not Reported
Feet to sea level:	16.17	Note:	Not Reported
Level reading date:	2000-11-29	Feet below surface:	Not Reported
Feet to sea level:	16.27	Note:	Not Reported
Level reading date:	2000-10-24	Feet below surface:	Not Reported
Feet to sea level:	16.35	Note:	Not Reported
Level reading date:	2000-09-27	Feet below surface:	Not Reported
Feet to sea level:	16.34	Note:	Not Reported
Level reading date:	2000-08-28	Feet below surface:	Not Reported
Feet to sea level:	16.25	Note:	Not Reported
Level reading date:	2000-07-24	Feet below surface:	Not Reported
Feet to sea level:	16.11	Note:	Not Reported

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

29
NNW
1/2 - 1 Mile
Lower

FED USGS **USGS40000831946**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 1678. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	270	Well Hole Depth Units:	ft

30
NNW
1/2 - 1 Mile
Lower

FED USGS **USGS40000831982**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 450. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	82	Well Hole Depth Units:	ft

31
SSW
1/2 - 1 Mile
Lower

FED USGS **USGS40000830773**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 2410. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Northern Atlantic Coastal Plain aquifer system		
Formation Type:	Glacial Aquifer, Upper	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	192
Well Depth Units:	ft	Well Hole Depth:	206
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	57	Level reading date:	1985-12-07
Feet below surface:	Not Reported	Feet to sea level:	8.13
Note:	Not Reported		
Level reading date:	1985-05-17	Feet below surface:	Not Reported
Feet to sea level:	8.65	Note:	Not Reported
Level reading date:	1984-12-17	Feet below surface:	Not Reported
Feet to sea level:	7.27	Note:	Not Reported

Level reading date:	1984-10-11	Feet below surface:	Not Reported
Feet to sea level:	7.75	Note:	Not Reported
Level reading date:	1984-06-27	Feet below surface:	Not Reported
Feet to sea level:	8.11	Note:	Not Reported
Level reading date:	1984-01-06	Feet below surface:	Not Reported
Feet to sea level:	8.02	Note:	Not Reported
Level reading date:	1983-09-26	Feet below surface:	Not Reported
Feet to sea level:	7.22	Note:	Not Reported
Level reading date:	1983-06-24	Feet below surface:	Not Reported
Feet to sea level:	7.08	Note:	Not Reported
Level reading date:	1983-03-22	Feet below surface:	Not Reported
Feet to sea level:	6.69	Note:	Not Reported
Level reading date:	1982-12-20	Feet below surface:	Not Reported
Feet to sea level:	6.57	Note:	Not Reported
Level reading date:	1982-10-04	Feet below surface:	Not Reported
Feet to sea level:	6.45	Note:	Not Reported
Level reading date:	1982-06-29	Feet below surface:	Not Reported
Feet to sea level:	6.66	Note:	Not Reported
Level reading date:	1982-03-03	Feet below surface:	Not Reported
Feet to sea level:	6.90	Note:	Not Reported
Level reading date:	1981-12-30	Feet below surface:	Not Reported
Feet to sea level:	7.05	Note:	Not Reported
Level reading date:	1981-09-22	Feet below surface:	Not Reported
Feet to sea level:	6.90	Note:	Not Reported
Level reading date:	1981-06-23	Feet below surface:	Not Reported
Feet to sea level:	6.66	Note:	Not Reported
Level reading date:	1981-03-18	Feet below surface:	Not Reported
Feet to sea level:	6.89	Note:	Not Reported
Level reading date:	1980-12-22	Feet below surface:	Not Reported
Feet to sea level:	5.22	Note:	Not Reported
Level reading date:	1980-09-24	Feet below surface:	Not Reported
Feet to sea level:	5.81	Note:	Not Reported
Level reading date:	1980-06-27	Feet below surface:	Not Reported
Feet to sea level:	6.96	Note:	Not Reported
Level reading date:	1980-03-10	Feet below surface:	Not Reported
Feet to sea level:	6.23	Note:	Not Reported
Level reading date:	1979-12-17	Feet below surface:	Not Reported
Feet to sea level:	6.66	Note:	Not Reported
Level reading date:	1979-09-18	Feet below surface:	Not Reported
Feet to sea level:	6.75	Note:	Not Reported
Level reading date:	1979-06-21	Feet below surface:	Not Reported
Feet to sea level:	7.06	Note:	Not Reported

Level reading date:	1979-03-12	Feet below surface:	Not Reported
Feet to sea level:	6.46	Note:	Not Reported
Level reading date:	1978-12-21	Feet below surface:	Not Reported
Feet to sea level:	6.72	Note:	Not Reported
Level reading date:	1978-01-04	Feet below surface:	Not Reported
Feet to sea level:	6.98	Note:	Not Reported
Level reading date:	1977-10-03	Feet below surface:	Not Reported
Feet to sea level:	6.66	Note:	Not Reported
Level reading date:	1977-07-05	Feet below surface:	Not Reported
Feet to sea level:	6.50	Note:	Not Reported
Level reading date:	1977-03-28	Feet below surface:	Not Reported
Feet to sea level:	6.72	Note:	Not Reported
Level reading date:	1976-12-21	Feet below surface:	Not Reported
Feet to sea level:	6.56	Note:	Not Reported
Level reading date:	1976-09-29	Feet below surface:	Not Reported
Feet to sea level:	6.66	Note:	Not Reported
Level reading date:	1976-06-30	Feet below surface:	Not Reported
Feet to sea level:	6.62	Note:	Not Reported
Level reading date:	1976-03-25	Feet below surface:	Not Reported
Feet to sea level:	7.30	Note:	Not Reported
Level reading date:	1976-03-17	Feet below surface:	Not Reported
Feet to sea level:	7.57	Note:	Not Reported
Level reading date:	1975-12-15	Feet below surface:	Not Reported
Feet to sea level:	6.97	Note:	Not Reported
Level reading date:	1975-10-06	Feet below surface:	Not Reported
Feet to sea level:	7.03	Note:	Not Reported
Level reading date:	1975-06-30	Feet below surface:	Not Reported
Feet to sea level:	6.88	Note:	Not Reported
Level reading date:	1975-03-25	Feet below surface:	Not Reported
Feet to sea level:	7.05	Note:	Not Reported
Level reading date:	1974-12-18	Feet below surface:	Not Reported
Feet to sea level:	6.96	Note:	Not Reported
Level reading date:	1974-09-03	Feet below surface:	Not Reported
Feet to sea level:	6.52	Note:	Not Reported
Level reading date:	1974-06-25	Feet below surface:	Not Reported
Feet to sea level:	7.43	Note:	Not Reported
Level reading date:	1974-03-20	Feet below surface:	Not Reported
Feet to sea level:	5.96	Note:	Not Reported
Level reading date:	1974-01-17	Feet below surface:	Not Reported
Feet to sea level:	6.24	Note:	Not Reported
Level reading date:	1973-09-27	Feet below surface:	Not Reported
Feet to sea level:	6.03	Note:	Not Reported

Level reading date:	1973-06-25	Feet below surface:	Not Reported
Feet to sea level:	6.36	Note:	Not Reported
Level reading date:	1973-04-04	Feet below surface:	Not Reported
Feet to sea level:	6.13	Note:	Not Reported
Level reading date:	1973-03-21	Feet below surface:	Not Reported
Feet to sea level:	6.00	Note:	Not Reported
Level reading date:	1973-01-31	Feet below surface:	Not Reported
Feet to sea level:	6.32	Note:	Not Reported
Level reading date:	1972-12-21	Feet below surface:	Not Reported
Feet to sea level:	5.56	Note:	Not Reported
Level reading date:	1972-10-12	Feet below surface:	Not Reported
Feet to sea level:	5.37	Note:	Not Reported
Level reading date:	1972-07-06	Feet below surface:	Not Reported
Feet to sea level:	5.87	Note:	Not Reported
Level reading date:	1972-01-06	Feet below surface:	Not Reported
Feet to sea level:	5.29	Note:	Not Reported
Level reading date:	1971-10-08	Feet below surface:	Not Reported
Feet to sea level:	4.77	Note:	Not Reported
Level reading date:	1971-03-17	Feet below surface:	Not Reported
Feet to sea level:	4.65	Note:	Not Reported
Level reading date:	1970-03-11	Feet below surface:	Not Reported
Feet to sea level:	3.23	Note:	Not Reported
Level reading date:	1969-09-10	Feet below surface:	Not Reported
Feet to sea level:	-0.35	Note:	Not Reported

E32
ENE
1/2 - 1 Mile
Higher

FED USGS **USGS40000831528**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 2814. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Northern Atlantic Coastal Plain aquifer system		
Formation Type:	Glacial Aquifer, Upper	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	79
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	56	Level reading date:	2000-03-23
Feet below surface:	Not Reported	Feet to sea level:	13.34
Note:	Not Reported		
Level reading date:	1999-03-23	Feet below surface:	Not Reported
Feet to sea level:	14.09	Note:	Not Reported
Level reading date:	1998-09-30	Feet below surface:	Not Reported

Feet to sea level:	14.80	Note:	Not Reported
Level reading date:	1998-08-31	Feet below surface:	Not Reported
Feet to sea level:	14.86	Note:	Not Reported
Level reading date:	1998-07-30	Feet below surface:	Not Reported
Feet to sea level:	14.97	Note:	Not Reported
Level reading date:	1998-04-29	Feet below surface:	Not Reported
Feet to sea level:	13.75	Note:	Not Reported
Level reading date:	1998-03-27	Feet below surface:	Not Reported
Feet to sea level:	14.56	Note:	Not Reported
Level reading date:	1998-02-25	Feet below surface:	Not Reported
Feet to sea level:	14.22	Note:	Not Reported
Level reading date:	1998-01-27	Feet below surface:	Not Reported
Feet to sea level:	14.11	Note:	Not Reported
Level reading date:	1997-12-29	Feet below surface:	Not Reported
Feet to sea level:	14.08	Note:	Not Reported
Level reading date:	1997-11-25	Feet below surface:	Not Reported
Feet to sea level:	14.10	Note:	Not Reported
Level reading date:	1997-10-29	Feet below surface:	Not Reported
Feet to sea level:	14.12	Note:	Not Reported
Level reading date:	1997-09-29	Feet below surface:	Not Reported
Feet to sea level:	14.30	Note:	Not Reported
Level reading date:	1997-03-18	Feet below surface:	Not Reported
Feet to sea level:	14.43	Note:	Not Reported
Level reading date:	1996-07-05	Feet below surface:	Not Reported
Feet to sea level:	13.65	Note:	Not Reported
Level reading date:	1996-03-12	Feet below surface:	Not Reported
Feet to sea level:	13.86	Note:	Not Reported
Level reading date:	1995-09-28	Feet below surface:	Not Reported
Feet to sea level:	13.46	Note:	Not Reported
Level reading date:	1995-06-22	Feet below surface:	Not Reported
Feet to sea level:	13.70	Note:	Not Reported
Level reading date:	1995-03-17	Feet below surface:	Not Reported
Feet to sea level:	14.03	Note:	Not Reported
Level reading date:	1995-01-04	Feet below surface:	Not Reported
Feet to sea level:	14.03	Note:	Not Reported
Level reading date:	1994-06-28	Feet below surface:	Not Reported
Feet to sea level:	14.37	Note:	Not Reported
Level reading date:	1994-03-25	Feet below surface:	Not Reported
Feet to sea level:	14.02	Note:	Not Reported
Level reading date:	1993-11-18	Feet below surface:	Not Reported
Feet to sea level:	13.71	Note:	Not Reported

Level reading date:	1993-08-20	Feet below surface:	Not Reported
Feet to sea level:	13.98	Note:	Not Reported
Level reading date:	1993-06-22	Feet below surface:	Not Reported
Feet to sea level:	14.21	Note:	Not Reported
Level reading date:	1993-05-24	Feet below surface:	Not Reported
Feet to sea level:	14.20	Note:	Not Reported
Level reading date:	1993-04-29	Feet below surface:	Not Reported
Feet to sea level:	14.22	Note:	Not Reported
Level reading date:	1993-03-23	Feet below surface:	Not Reported
Feet to sea level:	13.71	Note:	Not Reported
Level reading date:	1993-01-21	Feet below surface:	Not Reported
Feet to sea level:	13.63	Note:	Not Reported
Level reading date:	1992-12-30	Feet below surface:	Not Reported
Feet to sea level:	13.62	Note:	Not Reported
Level reading date:	1992-10-27	Feet below surface:	Not Reported
Feet to sea level:	13.57	Note:	Not Reported
Level reading date:	1992-09-21	Feet below surface:	Not Reported
Feet to sea level:	13.66	Note:	Not Reported
Level reading date:	1992-09-15	Feet below surface:	Not Reported
Feet to sea level:	13.68	Note:	Not Reported
Level reading date:	1992-08-24	Feet below surface:	Not Reported
Feet to sea level:	13.77	Note:	Not Reported
Level reading date:	1992-07-16	Feet below surface:	Not Reported
Feet to sea level:	13.75	Note:	Not Reported
Level reading date:	1992-06-18	Feet below surface:	Not Reported
Feet to sea level:	13.88	Note:	Not Reported
Level reading date:	1992-03-18	Feet below surface:	Not Reported
Feet to sea level:	13.95	Note:	Not Reported
Level reading date:	1991-03-20	Feet below surface:	Not Reported
Feet to sea level:	14.46	Note:	Not Reported
Level reading date:	1990-03-31	Feet below surface:	Not Reported
Feet to sea level:	14.12	Note:	Not Reported
Level reading date:	1989-04-12	Feet below surface:	Not Reported
Feet to sea level:	12.67	Note:	Not Reported
Level reading date:	1985-10-10	Feet below surface:	Not Reported
Feet to sea level:	12.38	Note:	Not Reported
Level reading date:	1985-05-16	Feet below surface:	Not Reported
Feet to sea level:	12.95	Note:	Not Reported
Level reading date:	1985-05-16	Feet below surface:	Not Reported
Feet to sea level:	12.95	Note:	Not Reported
Level reading date:	1984-12-17	Feet below surface:	Not Reported
Feet to sea level:	14.00	Note:	Not Reported

Level reading date:	1984-10-11	Feet below surface:	Not Reported
Feet to sea level:	13.94	Note:	Not Reported
Level reading date:	1984-06-27	Feet below surface:	Not Reported
Feet to sea level:	15.01	Note:	Not Reported
Level reading date:	1984-03-22	Feet below surface:	Not Reported
Feet to sea level:	12.70	Note:	Not Reported
Level reading date:	1984-01-06	Feet below surface:	Not Reported
Feet to sea level:	31.81	Note:	Not Reported
Level reading date:	1983-09-29	Feet below surface:	Not Reported
Feet to sea level:	31.26	Note:	Not Reported
Level reading date:	1983-06-28	Feet below surface:	Not Reported
Feet to sea level:	32.10	Note:	Not Reported
Level reading date:	1983-03-22	Feet below surface:	Not Reported
Feet to sea level:	32.60	Note:	Not Reported
Level reading date:	1982-12-20	Feet below surface:	Not Reported
Feet to sea level:	32.20	Note:	Not Reported
Level reading date:	1982-10-03	Feet below surface:	Not Reported
Feet to sea level:	33.04	Note:	Not Reported
Level reading date:	1982-03-24	Feet below surface:	Not Reported
Feet to sea level:	11.11	Note:	Not Reported
Level reading date:	1982-01-12	Feet below surface:	Not Reported
Feet to sea level:	11.20	Note:	Not Reported
Level reading date:	1982-01-12	Feet below surface:	Not Reported
Feet to sea level:	11.00	Note:	Not Reported

33
SE
1/2 - 1 Mile
Higher

FED USGS **USGS40000830873**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 3905. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Northern Atlantic Coastal Plain aquifer system		
Formation Type:	Lloyd Aquifer	Aquifer Type:	Confined single aquifer
Construction Date:	20001206	Well Depth:	435
Well Depth Units:	ft	Well Hole Depth:	435
Well Hole Depth Units:	ft		

34
North
1/2 - 1 Mile
Higher

FED USGS **USGS40000832022**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 34. 1	Type:	Well

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Description:	NEW: Q 34. 2 190013	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	240	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for QUEENS County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for QUEENS COUNTY, NY

Number of sites tested: 81

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area	0.620 pCi/L	97%	0%	3%
Basement	0.970 pCi/L	93%	6%	1%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Freshwater Wetlands
Source: Department of Environmental Conservation
Telephone: 518-402-8961

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

New York Public Water Wells
Source: New York Department of Health
Telephone: 518-458-6731

OTHER STATE DATABASE INFORMATION

Oil and Gas Well Database
Source: Department of Environmental Conservation
Telephone: 518-402-8072
These files contain records, in the database, of wells that have been drilled.

RADON

State Database: NY Radon
Source: Department of Health
Telephone: 518-402-7556
Radon Test Results

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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APPENDIX E
LOCAL RECORDS

CLICK HERE TO SIGN UP FOR BUILDINGS NEWS

NYC Department of Buildings

Property Profile Overview

134-40 ELDER AVENUE **QUEENS 11355** **BIN# 4449003**

QNS BOTANICAL GARDENS CLASSROOM	NO NUMBER	**Health Area**	: 2012	**Tax Block**	: 5107
CROMMELIN STREET	NO NUMBER	**Census Tract**	: 799	**Tax Lot**	: 200
DAHLIA AVENUE	NO NUMBER	**Community Board**	: 407	**Condo**	: NO
		Buildings on Lot	: 10	**Vacant**	: NO

View DCP Addresses... Browse Block

View Zoning Documents | View Challenge Results | Pre - BIS PA | View Certificates of Occupancy

Cross Street(s):	133 STREET, 135 STREET		
DOB Special Place Name:			
DOB Building Remarks:			
Landmark Status:		**Special Status:**	N/A
Local Law:	NO	**Loft Law:**	NO
SRO Restricted:	NO	**TA Restricted:**	NO
UB Restricted:	NO		
Environmental Restrictions:	N/A	**Grandfathered Sign:**	NO
Legal Adult Use:	NO	**City Owned:**	YES
Additional BINs for Building:	NONE		

Special District: UNKNOWN

This property is not located in an area that may be affected by Tidal Wetlands, Freshwater Wetlands, Coastal Erosion Hazard Area, or Special Flood Hazard Area. Click here for more information

Department of Finance Building Classification: Q9-OUTDOOR RECREATIO

Please Note: The Department of Finance's building classification information shows a building's tax status, which may not be the same as the legal use of the structure. To determine the legal use of a structure, research the records of the Department of Buildings.

	Total	Open
Complaints	0	0
Violations-DOB	0	0
Violations-OATH/ECB	0	0
Jobs/Filings	0	
ARA / LAA Jobs	0	
Total Jobs	0	
Actions	11	

OR Enter Action Type:

OR Select from List: Select...

AND Show Actions

Elevator Records
Electrical Applications
Permits In-Process / Issued
Illuminated Signs Annual Permits
Plumbing Inspections
Open Plumbing Jobs / Work Types
Facades
Marquee Annual Permits
Boiler Records
DEP Boiler Information
Crane Information
After Hours Variance Permits

If you have any questions please review these Frequently Asked Questions, the Glossary, or call the 311 Citizen Service Center by dialing 311 or (212) NEW YORK outside of New York City.

APPENDIX F
PREVIOUS REPORTS

WASTE CHARACTERIZATION REPORT

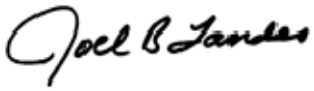
Queens Botanical Garden
43-50 Main Street
Flushing, New York

Prepared For:

Abel Bainnson Butz, LLP
80 Eighth Avenue, Suite 1105
New York, New York 10011

Prepared By:

Langan Engineering & Environmental Services, P.C.
360 West 31st Street, 8th Floor
New York, New York 10001



Joel B. Landes, P.E.
Senior Associate

September 14, 2011
170150101

LANGAN
ENGINEERING & ENVIRONMENTAL SERVICES

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3.1 Field Procedures **2**
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5.0 CONCLUSIONS AND RECOMMENDATIONS **4**
6.0 LIMITATIONS **4**

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Table 2: Summary of Analytical Results for Soil Samples
Table 3: Summary of Analytical Results for Total Petroleum Hydrocarbons in Soil Samples

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Figure 1: Site Location Map
Figure 2: Boring Location Map

APPENDICES

Appendix A: Soil Boring Logs
Appendix B: Analytical Laboratory NYSDOH Certification
Appendix C: Laboratory Analytical Reports

1.0 INTRODUCTION

Langan Engineering & Environmental Services, P.C. (Langan) prepared this Waste Characterization Report for the proposed improvements at Queens Botanical Gardens (QBG) located in Kissena Park Corridor of Flushing, Queens. The proposed improvements will encompass the entire site but focus on high-usage areas including the main entrance area (cherry circle) and turf areas within the oak allee. The waste characterization investigation included completion of soil borings and soil sampling for the proposed pathway improvements. The sampling was performed to provide waste characterization data to support offsite disposal of excavated soil and fill during construction. The waste characterization sampling event was completed on July 25 and 26, 2011.

2.0 BACKGROUND

2.1 Site Description

The Queens Botanical Garden (QBG) is located in the Kissena Park Corridor of Flushing, Queens and encompasses approximately 39 acres with 71,000 square feet (sq. ft.) of pathways. The site is a historic ash landfill according to the January 2002 Limited Subsurface Investigation Report prepared by Metcalf & Eddy of New York, Inc. The proposed improvements will encompass the entire site but focus on high-usage areas including the main entrance area (cherry circle) and turf areas within the oak allee.

2.2 Project Description

New pathways throughout the garden will be reconstructed and realigned to improve safety, access and pedestrian flow. The project will also incorporate improvements to drainage, irrigation, turf and site utilities within localized areas identified by the New York City Department of Design and Construction (NYCDDC) and QBG.

3.0 FIELD INVESTIGATION

The field investigation was conducted on July 25 and 26, 2011, and included completion of eleven soil borings (B-1 through B-11) and the collection of eleven grab and two composite soil samples. The investigation was performed to characterize site soils for soil management and waste disposal in areas of proposed development. The following is a summary of the environmental investigation activities.

3.1 Field Procedures

Soil borings were completed by Aquifer Drilling and Testing, Inc. (ADT) using a CME 240 track-mounted drilling rig under the supervision of a Langan field geologist. Eleven soil borings, identified as B-1 through B-11, were advanced to 8 feet below grade surface (bgs). Environmental samples were collected from 0-2 feet bgs. The investigation was performed concurrently with a Langan Geotechnical Investigation. A summary of the Geotechnical findings is provided separately in the Geotechnical Engineering Study Letter Report.

Soil samples collected from borings B-1 through B-11 were obtained using a stainless steel split spoon sampler. Non-disposable sampling equipment was decontaminated between samples. Soil samples retrieved from each boring were visually classified for soil type, grain size and texture. Each sample was screened for visual, olfactory, and instrumental evidence of anthropogenic impacts. Instrument screening for the presence of volatile organic compounds (VOCs) was performed with a photoionization detector (PID) equipped with a 10.6 electron volt (eV) lamp. Following sample collection, all borings were backfilled with soil cuttings and the surface cover was restored (i.e., asphalt patch consistent with the surface materials present at the Site). Boring logs documenting these observations are included as Appendix A. Boring locations are shown in Figure 2.

3.2 Waste Characterization Soil Sample Collection and Analysis

Waste characterization soil samples were collected according to general disposal facility requirements. Two 5-point composite samples were collected by homogenizing soil from the 0 to 2 foot interval between select borings. One grab sample was collected from each boring at the 0 to 2 foot interval. A soil sample collection summary is provided in Table 1.

Soil samples were collected into laboratory-supplied containers and were transported via courier service to York Analytical Laboratories, Inc. (York), a New York State Department of Health (NYSDOH) Environmental Laboratory Accreditation Program (ELAP) certified laboratory in Stratford, Connecticut under standard chain-of-custody protocol. York's analytical laboratory NYSDOH certification documentation is provided in Appendix B.

Grab soil samples, B-1 (0-2') through B-11 (0-2'), were analyzed for total petroleum hydrocarbons (TPH) diesel range organics (DRO) and toxicity characteristics leaching procedure (TCLP) lead. Grab soil samples, WC-1 and WC-2, were analyzed for Target Compound List (TCL) VOCs by United States Environmental Protection Agency (EPA) Method 8260 and TCLP VOCs. Composite soils samples, WC-1 and WC-2, were analyzed for, TCL semi-volatile organic compounds (SVOCs) by EPA Method 8270, Resource Conservations Recovery Act (RCRA)-8 metals by EPA Method 6010, polychlorinated biphenyls (PCBs) by EPA Method 8081,

pesticides by EPA 8082, and herbicides by EPA 8151. Additionally, the composite samples were analyzed for TCLP SVOCs, TCLP pesticides and herbicides and TCLP metals.

4.0 OBSERVATIONS AND RESULTS

4.1 Subsurface Observations

The asphalt surface cover was generally underlain by dark brown to dark brown-grey fine and medium sand with some silt, wood, and gravel. Groundwater was encountered at depths ranging from 5 to 7 feet below ground surface (bgs).

Petroleum odors were observed in soil borings B-3 at 1.5 to 2 feet bgs, B-5 at 3.75 to 4 feet bgs, and B-6 at 1.5 to 2 feet bgs. Elevated PID readings were observed in soil borings B-2 through B-6. Elevated PID readings ranged from 0.1 to 124 parts per million, with the maximum reading being detected in B-3 at a depth of 0 to 0.5 feet bgs. PID readings are shown on the boring logs provided in Appendix A.

4.2 Analytical Results

Laboratory results were compared to New York Part 375 Unrestricted Use Soil Cleanup Objectives (SCOs). Analytical results are summarized below. A summary of the laboratory analytical results are provided in Tables 2 and 3. Complete laboratory analytical reports are provided in Appendix C.

- TPH: Total petroleum hydrocarbons (TPH) diesel range organics (DRO) was detected in 7 of the 11 grab samples collected at concentrations ranging from 25.5 to 36.7 mg/kg.
- VOCs: Acetone was detected in composite samples WC-1 and WC-2 at concentrations of 0.12 and 0.066 mg/kg, which exceeds the SCO of 0.05 milligram per kilogram (mg/kg). However, acetone is a common laboratory contaminant and was found in the analysis batch blank.
- SVOCs: Only one SVOC, bis(2-ethylhexyl)phthalate, was detected in the composite samples; however, concentrations were below SCOs.
- Metals: Copper, lead, and zinc were detected at concentrations exceeding SCOs in both composite samples. The lead concentrations were detected above the SCOs in WC-1 and in WC-2. Composite sample WC-1 also contained concentrations of barium, nickel, and selenium that exceeded SCOs.
- Pesticides, herbicides, and PCBs were not detected in the samples.

- Toxicity Characteristic Leaching Procedure (TCLP): No detections were observed with the exception of three metals, arsenic, barium and lead. No Environmental Protection Agency (EPA) Toxicity Characteristic Regulatory Levels exceedances were found.

Laboratory results were also compared to New York Part 375 Restricted Residential Use SCOs. Lead was detected at concentrations exceeding Restricted Residential SCOs in both composite samples.

5.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the Site investigation, we conclude and recommend the following:

- Soil sampled in the proposed pathway development cut contains one or more metals at concentrations exceeding Unrestricted Use SCOs. This material is therefore regulated by New York State solid waste regulations. Samples also contained an exceedance (lead) of the Restricted Residential SCOs. Therefore, if soil is reused on-site, it must be reused in an area with similar material and capped with a minimum of two feet of clean material (i.e., soil, topsoil) in landscaped areas or impervious surface cover (i.e., asphalt, concrete, etc.).
- Petroleum impacts were observed in soil borings B-3, B-5, and B-6. Petroleum impacted soil cannot be reused and must be removed and disposed at an approved off-site disposal facility.
- None of the samples contained RCRA (40 Code of Federal Regulations [CFR] 260) regulated hazardous material.
- Development activities at the site that impact site soils should be performed in accordance with a soil management plan or specification and a Construction Health and Safety Plan (CHASP) that addresses the impacts identified by this investigation.

6.0 LIMITATIONS

This Waste Characterization Report was prepared expressly for Abel Bainnson Butz, LLP (the Client) for the proposed improvements at the Queens Botanical Garden located in the Kissena Park Corridor of Flushing, Queens and for the objectives defined herein. Langan cannot assume responsibility for the use of this Report for any property other than the specific site addressed in this report, or by any third party without specific written authorization from Langan.

The conclusions, opinions, and recommendations provided in this report are based on subsurface conditions ascertained from the analysis of a limited number of samples and from environmental reports prepared by other professionals that were provided by the Client. Recommendations provided are contingent upon one another and no recommendation should be followed independent of the others. Actual conditions encountered may differ substantially from those presented herein and should be brought to our attention whereby we may determine how such changes may affect our conclusions, opinions and recommendations.

FIGURES

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NEVADA VIRGINIA CALIFORNIA
NJ Certificate of Authorization No: 24GA27996400

Project

QUEENS BOTANICAL GARDEN

QUEENS NY

Project No.	Date	Scale	Dwg. No.
170150101	8/26/11	NTS	1

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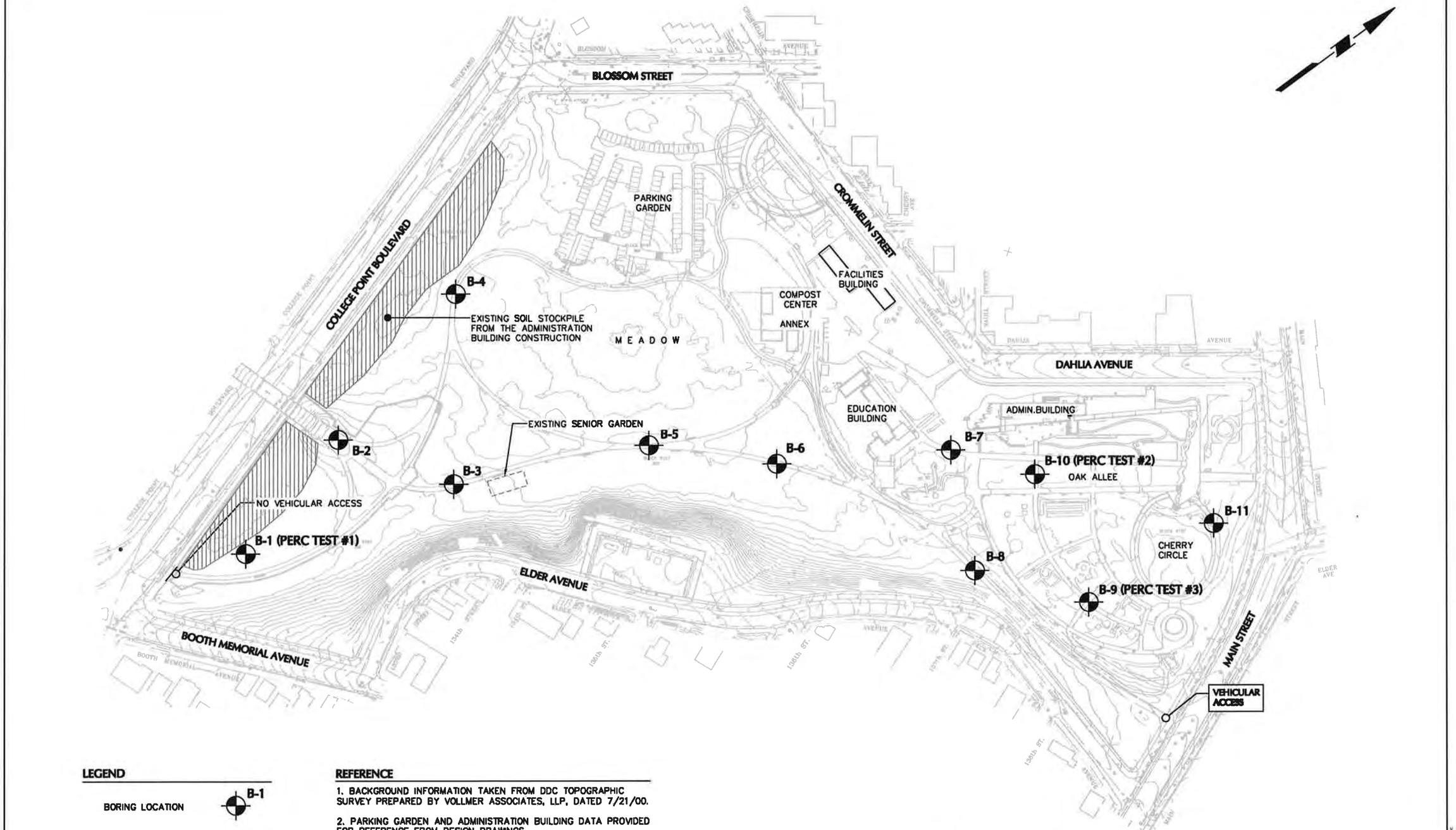
Filename: \\langan.com\data\NY\data1\170150101\Cadd Data – 170150101\Sheet Files\QBG-Pathways Project.dwg Date: 8/26/2011 Time: 15:38 User: jrauscher Style Table: Langan.stb Layout: A Size Sheet (Bottom)



LEGEND

BORING LOCATION B-1

REFERENCE

1. BACKGROUND INFORMATION TAKEN FROM DDC TOPOGRAPHIC SURVEY PREPARED BY VOLLMER ASSOCIATES, LLP, DATED 7/21/00.

2. PARKING GARDEN AND ADMINISTRATION BUILDING DATA PROVIDED FOR REFERENCE FROM DESIGN DRAWINGS.

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NJ Certificate of Authorization No. 24GA27996400

Project	Drawing Title	Project No.	Drawing No.
QUEENS BOTANICAL GARDEN QUEENS NY	BORING LOCATION PLAN	170180101 Date 9/21/11 Scale 1"=100' Drn. By JR Last Revised	2

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TABLES

Table 1

Sample Summary
Waste Characterization Report
Queens Botanical Garden
Flushing, New York
Langan Project No. 170150101

Sample ID	Soil Borings	Date	Sample Material Type	Sample Depth Interval (ft bgs)	Sample Analysis
WC-1	B-5 through B-11	7/26/2011	Fill Material	0.0 to 2.0	SVOC EPA 8270, RCRA 8 Metals EPA 6010, PCBs EPA 8081, Pesticides EPA 8082, TCLP SVOCs, pesticides, herbicides, and metals.
	B-5	7/26/2011	Fill Material	0.0 to 2.0	VOCs EPA 8260 and TCLP VOCs.
WC-2	B-1 through B-4	7/26/2011	Fill Material	0.0 to 2.0	SVOC EPA 8270, RCRA 8 Metals EPA 6010, PCBs EPA 8081, Pesticides EPA 8082, TCLP SVOCs, pesticides, herbicides, and metals.
	B-4	7/26/2011	Fill Material	0.0 to 2.0	VOCs EPA 8260 and TCLP VOCs.
B-1 (0-2')	B-1	7/26/2011	Fill Material	0.0 to 2.0	TPH-DRO and TCLP Lead
B-2 (0-2')	B-2	7/26/2011	Fill Material	0.0 to 2.0	TPH-DRO and TCLP Lead
B-3 (0-2')	B-3	7/26/2011	Fill Material	0.0 to 2.0	TPH-DRO and TCLP Lead
B-4 (0-2')	B-4	7/26/2011	Fill Material	0.0 to 2.0	TPH-DRO and TCLP Lead
B-5 (0-2')	B-5	7/26/2011	Fill Material	0.0 to 2.0	TPH-DRO and TCLP Lead
B-6 (0-2')	B-6	7/26/2011	Fill Material	0.0 to 2.0	TPH-DRO and TCLP Lead
B-7 (0-2')	B-7	7/25/2011	Fill Material	0.0 to 2.0	TPH-DRO and TCLP Lead
B-8 (0-2')	B-8	7/26/2011	Fill Material	0.0 to 2.0	TPH-DRO and TCLP Lead
B-9 (0-2')	B-9	7/25/2011	Fill Material	0.0 to 2.0	TPH-DRO and TCLP Lead
B-10 (0-2')	B-10	7/25/2011	Fill Material	0.0 to 2.0	TPH-DRO and TCLP Lead
B-11 (0-2')	B-11	7/25/2011	Fill Material	0.0 to 2.0	TPH-DRO and TCLP Lead

Notes:
VOC = Volatile organic compound
SVOC = Semivolatile organic compound
PCB = Polychlorinated biphenyl
RCRA = Resource Conservation and Recovery Act
EPA = United States Environmental Protection Agency
TPH = Total Petroleum Hydrocarbons
DRO = Diesel Range Organics
TCLP = Toxicity Characteristic Leaching Procedure

Table 2

Summary of Analytical Results in Soil Samples
Waste Characterization Report
Queens Botanical Garden
Flushing, New York
Langan Project No. 170150101

Sample ID Laboratory ID Sample Date	Unrestricted Use SCOs	Restricted Residential SCOs	WC-1 11G0830-09 7/26/2011		WC-2 11G0898-04 7/26/2011	
TCL Volatile Organics (mg/kg)						
2-Butanone	0.12	100	0.045	D	0.016	J,D
Acetone	0.05	100	**0.12**	**B,D**	**0.066**	**B,D**
Carbon disulfide	---	---	0.0051	J,D	0.0032	J,D
Methylene chloride	0.05	100	0.031	B,D	0.026	B,D
TCL Semi-Volatiles (mg/kg)						
Bis(2-ethylhexyl)phthalate	---	---	0.632	J	0.0626	U
Pesticides (mg/kg)						
Pesticides	---	---	ND		ND	
PCBs (mg/kg)						
PCBs	---	---	ND		ND	
Herbicides (mg/kg)						
Herbicides	---	---	ND		ND	
TAL Metals (mg/kg)						
Aluminum	---	---	13600		10700	
Antimony	---	---	1.89		0.920	
Arsenic	13	16	10.1		5.88	
Barium	350	400	**357**		221	
Calcium	---	---	5370		5340	
Chromium	---	---	30.9		21.5	
Cobalt	---	---	9.55		7.42	
Copper	50	270	**260**		**66.5**	
Iron	---	---	29800		19200	
Lead	63	400	**1580**		**448**	
Magnesium	---	---	3670		2960	
Manganese	1600	2000	575		328	
Nickel	30	310	**32.2**		22.0	
Potassium	---	---	2310		1200	
Selenium	3.9	180	**4.35**		2.01	
Sodium	---	---	223		120	
Vanadium	---	---	38.7		31.9	
Zinc	109	10000	**422**		**179**	

Table 2

Summary of Analytical Results in Soil Samples
Waste Characterization Report
Queens Botanical Garden
Flushing, New York
Langan Project No. 170150101

Sample ID **Laboratory ID** **Sample Date**	**EPA Toxicity Characteristic Regulatory Levels**	**WC-1** **11G0830-09** **7/26/2011**	**WC-2** **11G0898-04** **7/26/2011**	
TCLP Volatile Organics (mg/L)				
TCLP Volatile Organics	---	ND	ND	
TCLP Semi-Volatiles (ug/L)				
TCLP Semi-Volatiles	---	ND	ND	
TCLP Pesticides (ug/L)				
TCLP Pesticides	---	ND	ND	
TCLP Herbicides (ug/L)				
TCLP Herbicides	---	ND	ND	
TCLP Metals (mg/L)				
Arsenic	5.0	0.012	0.001	U
Barium	100.0	1.20	1.74	
Lead	5.0	0.130	0.051	

Notes and Qualifiers:

1. Reference Standard for VOCs, SVOCs, TAL Metals, PCBs, and pesticides is New York State Department of Environmental Conservation (NYSDEC) Part 375 Unrestricted and Restricted Use Soil Cleanup Objectives (SCOs).
2. Reference Standard for TCLP VOCs, SVOCs, Metals, pesticides, and herbicides is Environmental Protection Agency (EPA) Toxicity Characteristics Constituents and Regulatory Levels.
3. NYSDEC Part 375 Unrestricted Use SCO exceedances are in BOLD.
4. NYSDEC Part 375 Restricted Use SCO exceedances are highlighted.

B = Analyte found in the analysis batch blank.
J = Analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated.
U = Analyte not detected at or above the level indicated.
D = Result is from an analysis that required a dilution.
--- = This indicates that no regulatory limit has been established for this analyte.
PCB = Polychlorinated biphenyl
TCLP = Toxicity Characteristic Leaching Procedure
TCL= Target Compound List
ug/L = Microgram per liter
mg/L = Milligram per liter
ug/kg = Microgram per kilogram
mg/kg = Milligram per kilogram

Table 3

Summary of Analytical Results for Total Petroleum Hydrocarbons in Soil Samples
Waste Characterization Report
Queens Botanical Garden
Flushing, New York
Langan Project No. 170150101

Sample ID Laboratory ID Sample Date	NYSDEC Soil Cleanup Objectives	B-1 (0-2') 11G0898-01 7/26/2011	B-2 (0-2') 11G0898-02 7/26/2011	B-3 (0-2') 11G0830-01 7/26/2011	B-4 (0-2') 11G0898-03 7/26/2011	B-5 (0-2') 11G0830-02 7/26/2011	B-6 (0-2') 11G0830-03 7/26/2011	B-7 (0-2') 11G0830-04 7/25/2011	B-8 (0-2') 11G0830-05 7/26/2011	B-9 (0-2') 11G0830-06 7/25/2011	B-10 (0-2') 11G0830-07 7/25/2011	B-11 (0-2') 11G0830-08 7/25/2011
Total Petroleum Hydrocarbons-DRO (mg/kg)												
Total Petroleum Hydrocarbons-DRO	---	31.5	6.33 U	27.7	30.5	36.7	36.5	30.0	25.5	6.74 U	6.87 U	6.52 U

Sample ID Laboratory ID Sample Date	EPA Toxicity Characteristic Regulatory Levels	B-1 (0-2') 11G0898-01 7/26/2011	B-2 (0-2') 11G0898-02 7/26/2011	B-3 (0-2') 11G0830-01 7/26/2011	B-4 (0-2') 11G0898-03 7/26/2011	B-5 (0-2') 11G0830-02 7/26/2011	B-6 (0-2') 11G0830-03 7/26/2011	B-7 (0-2') 11G0830-04 7/25/2011	B-8 (0-2') 11G0830-05 7/26/2011	B-9 (0-2') 11G0830-06 7/25/2011	B-10 (0-2') 11G0830-07 7/25/2011	B-11 (0-2') 11G0830-08 7/25/2011
Lead TCLP (mg/L)												
Lead TCLP	5.0	0.0695	0.297	0.420	0.520	0.992	0.00722	0.183	0.223	0.282	0.0574	0.0502

Notes and Qualifiers:

1. Reference Standard is New York State Department of Environmental Conservation (NYSDEC) Part 375 Unrestricted Use Soil Cleanup Objectives (SCOs) for VOCs, SVOCs, TAL Metals, PCBs, and pesticides.
2. Reference Standard for TCLP VOCs, SVOCs, Metals, pesticides, and herbicides is Environmental Protection Agency (EPA) Toxicity Characteristics Constituents and Regulatory Levels.
3. mg/kg = milligram per kilogram

U = Analyte not detected at or above the level indicated.
--- = This indicates that no regulatory limit has been established for this analyte.

APPENDIX A
SOIL BORING LOGS

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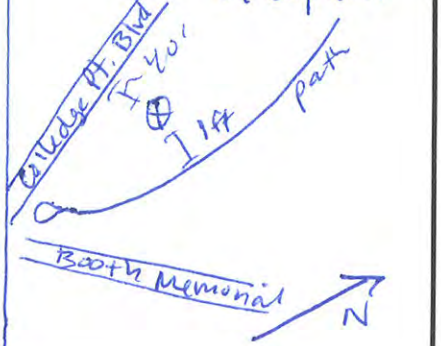
LOG OF BORING B-1 SHEET 1 OF 1

PROJECT: Queens Botanical Garden Pathways Replacement Project	PROJECT NO.: 170150181
LOCATION: Queens Botanical Garden, Queens, NY	ELEVATION AND DATUM:
DRILLING AGENCY: ADT	DATE STARTED: 7/26/11 — DATE FINISHED: 7/26/11
DRILLING EQUIPMENT: CME 240 Track Mounted Rig	COMPLETION DEPTH: 8' — ROCK DEPTH: N/A
SIZE AND TYPE OF BIT: N/A	NO. SAMPLES: DIST. 1 — UNDIST. — — CORE —
CASING: 3"	WATER LEVEL: FIRST 7' — COMPL. — — 24 HR. —
CASING HAMMER: Safety — WEIGHT: 140 lb — DROP: 30"	FOREMAN: Dominic
SAMPLER: OD Split Spoon Sampler	INSPECTOR: Sara Meissner
SAMPLER HAMMER: Safety — WEIGHT: 140 lb — DROP: 30"	

SAMPLE DESCRIPTION	DEPTH SCALE	NO./LOC.	TYPE	RECOV. FT.	PENETR. RESIST BL/6 in/.	PID	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
Dark brown fine to med SAND, trace silt gravel and wood (Dry).	1		SS	(12/24")	1	0.0	B-1 (0-2') sampled @ 1100 7/26/11
					4	0.0	
					6	0.0	- WC collected
	2				6	0.2	- no odor
			SS	(12/24")	2	0.0	
	3				3	0.0	- no odor
					4	0.0	- PID readings in ppm
	4				5	0.0	
Dark brown / grey silty SAND, trace gravel, (moist)	5		SS	(15/24")	4	0.0	- no odor
					5	0.0	
					3	0.0	
	6				3	0.0	
Dark brown / grey silty SAND, trace gravel, (Saturated)	7		SS	(6/12")	2	0.0	
					3	0.0	
					2	0.0	Water @ 7 fbg
EOB @ 8'	8				2	0.0	
	9						Completed @ 1130 - Hole backfilled to grade & patched w/ asphalt
	10						
	11						
	12						
	13						
	14						



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LOG OF BORING B-2 SHEET 1 OF 1

PROJECT: Queens Botanical Garden Pathways Replacement Project	PROJECT NO.: 170153101
LOCATION: Queens Botanical Garden, Queens, NY	ELEVATION AND DATUM:
DRILLING AGENCY: ADT	DATE STARTED: 7/26/14 — DATE FINISHED: 7/26/14
DRILLING EQUIPMENT: CME 240 Track Mounted Rig	COMPLETION DEPTH: 8' — ROCK DEPTH: N/A
SIZE AND TYPE OF BIT: N/A	NO. SAMPLES: DIST. 1 — UNDIST. — — CORE —
CASING: 3"	WATER LEVEL: FIRST 5' — COMPL. — — 24 HR. —
CASING HAMMER: Safety — WEIGHT: 140 lb — DROP: 30"	FOREMAN: Dominic
SAMPLER: OD Split spoon sampler	INSPECTOR: SARA MEISSNER
SAMPLER HAMMER: Safety — WEIGHT: 140 lb — DROP: 30"	

SAMPLE DESCRIPTION	DEPTH SCALE	NO./LOC.	TYPE	RECOV. FT.	PENETR. RESIST BL/6 in.	PID	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
Asphalt							
Brown fine to med SAND, some gravel, silt & brick (Dry)	1		SS	(14/24")	10	1.4	B-2 (0-2') sampled @ 1200 7/26/14
					5	2.8	
Dark brown fine to med SAND, trace gravel & silt, some wood pieces (Dry)	2				9	3.1	- PID readings in ppm
					6	1.8	- WC collected
	3		SS	(18/24")	9	1.2	
					22	1.1	- no odors -
					28	0.8	
	4				35	0.6	
Grey-brown fine to med SAND mixed w/ gravel (saturated).	5		SS	(12/24")	33	0.2	
					14	0.0	
					9	0.0	Water @ 5 ftbg
	6				12	0.0	
	7		SS	(6/24")	8	0.0	
					9	0.0	- no odors -
					9	0.0	
EOB @ 8'	8				12	0.0	
	9						Completed @ 1230
	10						- Hole backfilled w/ grade & patch w/ asphalt
	11						
	12						
	13						
	14						

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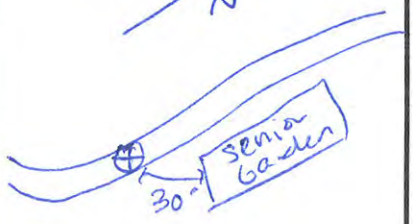
LOG OF BORING B-3 SHEET 1 OF 1

PROJECT: Queens Botanical Garden Pathways Replacement Project	PROJECT NO.: 170150101
LOCATION: Queens Botanical Garden, Queens, NY	ELEVATION AND DATUM:
DRILLING AGENCY: ADT	DATE STARTED: 7/26/11 — DATE FINISHED: 7/26/11
DRILLING EQUIPMENT: CME 240 Track Mounted Rig	COMPLETION DEPTH: 8' — ROCK DEPTH: N/A
SIZE AND TYPE OF BIT: N/A	NO. SAMPLES: DIST. 1 — UNDIST. — — CORE —
CASING: 3"	WATER LEVEL: FIRST 5' — COMPL. — — 24 HR. —
CASING HAMMER: Safety — WEIGHT: 140 lb — DROP: 30"	FOREMAN: Dominic
SAMPLER: OD Split Spoon Sampler	INSPECTOR: SARA MEISSNER
SAMPLER HAMMER: Safety — WEIGHT: 140 lb — DROP: 30"	

SAMPLE DESCRIPTION	DEPTH SCALE	NO./LOC.	TYPE	RECOV. FT.	PENETR. RESIST BL/6 in.	PID	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
Asphalt			SS	(18/24")	5	124	B-3(0-2') sampled @ 1030 on 7/26/11
Dark brown - brown fine to med SAND, some silt & gravel (Dry.)	1				2	116	
	2				2	99.7	- WC collected
					5	87.1	- light Pet. odor -
			SS	(10/24")	2	76.1	- PID readings in ppm
	3				3	44.3	
					3	24.8	
	4				3	18.2	
Brown silty SAND, some gravel (Dry)			SS	(12/24")	2	7.1	
Brown - grey silty SAND trace gravel (Moist)	5				2	6.9	
					3	5.2	
	6				6	4.1	
Brown - grey silty SAND, (Saturated)			SS	(16/24")	2	3.1	
	7				3	2.1	Water @ 7 ft bg
					4	2.1	
EOB @ 8'	8				7	1.8	Completed @ 1100 - Hole backfilled to grade & patched w/ asphalt
	9						
	10						
	11						
	12						
	13						
	14						



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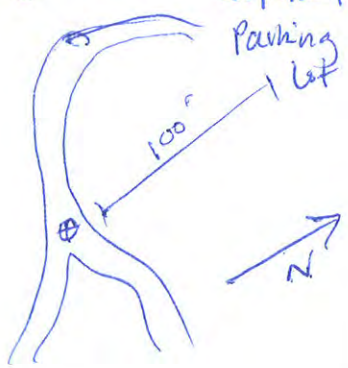
LOG OF BORING B-4 SHEET 1 OF 1

PROJECT: Queens Botanical Pathways Replacement Project	PROJECT NO.: 170150107
LOCATION: Queens Botanical Garden, Queens, NY	ELEVATION AND DATUM:
DRILLING AGENCY: ADT	DATE STARTED: 7/26/11 — DATE FINISHED: 7/26/11
DRILLING EQUIPMENT: CME 240 Track Mounted Rig	COMPLETION DEPTH: 8' — ROCK DEPTH: N/A
SIZE AND TYPE OF BIT: N/A	NO. SAMPLES: DIST. 1 — UNDIST. — — CORE —
CASING: 3"	WATER LEVEL: FIRST 5.5' — COMPL. — 24 HR. —
CASING HAMMER: Safety — WEIGHT: 140 lb — DROP: 30"	FOREMAN: Dominic
SAMPLER: OD Split Spoon Sampler	INSPECTOR: SARA MEISSNER
SAMPLER HAMMER: Safety — WEIGHT: 140 lb — DROP: 30"	

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO.LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR. RESIST BL/6 in.	PID	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
Dark brown / black fine to med SAND, some gravel & silt (Dry).	1		SS	(20/24")	10	1.5	B-4 (0-2') sampled @ 1300 7/26/11
					7	1.8	
					4	0.3	- PID readings in ppm
					2	1.2	- no odors -
Asphalt	2						
	3		SS	(12/24")	5	0.1	WC-2 sampled @ 1400 7/26/11
					6	0.2	
					5	0.0	
	4				5	0.1	
Dark brown - grey silty SAND, some gravel & some coarse SAND. (Saturated)					3	0.0	
	5		SS	(18/24")	3	0.0	
					5	0.0	Water @ 5.5 ft
	6				4	0.0	
					3	0.0	
	7		SS	(14/24")	3	0.0	
					10	0.0	
					12	0.0	
EOB @ 8 ftbg	8						Completed @ 1330 - Hole backfilled to grade & patched w/ asphalt
	9						
	10						
	11						
	12						
	13						
	14						



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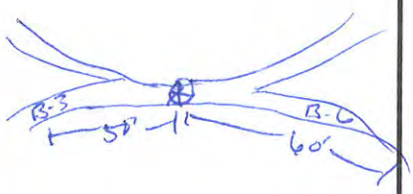
LOG OF BORING B-5 **SHEET** 1 **OF** 1

PROJECT: Queens Botanical Pathways Replacement Project	PROJECT NO.: 170150101
LOCATION: Queens Botanical Garden, Queens, NY	ELEVATION AND DATUM:
DRILLING AGENCY: ADT	DATE STARTED: 7/26/11 — DATE FINISHED: 7/26/11
DRILLING EQUIPMENT: CME 240 Track Mounted Rig	COMPLETION DEPTH: 8' — ROCK DEPTH: N/A
SIZE AND TYPE OF BIT: N/A	NO. SAMPLES: DIST. 1 — UNDIST. — — CORE —
CASING: 3"	WATER LEVEL: FIRST 7' — COMPL. — — 24 HR. —
CASING HAMMER: Safety — WEIGHT: 140 lb — DROP: 30"	FOREMAN: Dominic
SAMPLER: OD Split Spoon Sampler	INSPECTOR: SARA MEISSNER
SAMPLER HAMMER: Safety — WEIGHT: 140 lb — DROP: 30"	

SAMPLE DESCRIPTION	DEPTH SCALE	NO./LOC.	TYPE	RECOV. FT.	PENETR. RESIST BL/6 in/.	PID	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
Dark brown – black fine SAND. Some gravel & silt, (Dry)	1		SS	(18/24")	9	17.8	B-5 (0-2') sampled @ 0930 on 7/26/11
					3	22.9	
Asphalt					3	29.1	
	2				3	42.2	– WC collected
			SS	(6/24")	2	18.1	WC-1 sampled @ 1000 7/26/11
	3				2	7.2	
					3	6.9	
	4				3	7.1	– Slight odors –
Brown – dark brown fine to med SAND, trace gravel & silt (Dry)			SS	(20/24")	2	3.1	– PID readings in ppm
	5				2	2.2	
Brown med SAND, (moist)					2	1.0	
					2	0.7	
Dark brown – grey silty SAND, trace gravel (saturated)	6		SS	(12/24")	2	0.4	
	7 ▽				3	1.0	Water @ 7'
					8	0.0	
					6	0.0	
EOB @ 8'	8						Completed @ 1000 – hole backfilled to grade & patched w asphalt
	9						
	10						
	11						
	12						
	13						
	14						



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LOG OF BORING B-6 SHEET 1 OF 1

PROJECT: Queens Botanical Pathways Replacement Project	PROJECT NO.: 170150101
LOCATION: Queens Botanical Garden, Queens, NY	ELEVATION AND DATUM:
DRILLING AGENCY: ADT	DATE STARTED: 7/26/11 — DATE FINISHED: 7/26/11
DRILLING EQUIPMENT: CME 240 Track Mounted Rig	COMPLETION DEPTH: 8' — ROCK DEPTH:
SIZE AND TYPE OF BIT: N/A	NO. SAMPLES: DIST. 1 — UNDIST. — — CORE —
CASING: 3"	WATER LEVEL: FIRST 7' — COMPL. — — 24 HR. —
CASING HAMMER: Safety — WEIGHT: 140 lb — DROP: 30"	FOREMAN: Dominic
SAMPLER: OD Split Spoon Sampler	INSPECTOR: SARA MEISSNER
SAMPLER HAMMER: Safety — WEIGHT: 140 lb — DROP: 30"	

SAMPLE DESCRIPTION	DEPTH SCALE	NO./LOC.	TYPE	RECOV. FT.	PENETR. RESIST BL/6 in.	PID	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
Dark brown - black fine to med SAND, trace gravel & silt (Dry).	1		SS	(6/24")	9	55.1	B-6 (0-2') sampled @ 0900 on 7/26/11
					4	60.4	
	2				3	48.2	- slight pet. odor
Asphalt					3	47.1	- WC collected
			SS	(18/24")	2	18.1	- PID readings in ppm
	3				2	17.2	
					4	6.4	
	4				6	4.2	
			SS	(22/24")	8	3.1	
Brown - grey fine to med SAND, some silt & gravel (saturated).	5				8	2.0	
					9	1.8	
	6				7	1.9	
			SS	(18/24")	7	0.4	
	7				9	0.0	Water @ 7 fbg
					7	0.1	
	8				10	0.0	
EOB @ 8'	9						Completed @ 0930 - hole backfilled to grade & patched w/ asphalt
	10						
	11						N →
	12						B-5 B-3 60'
	13						
	14						

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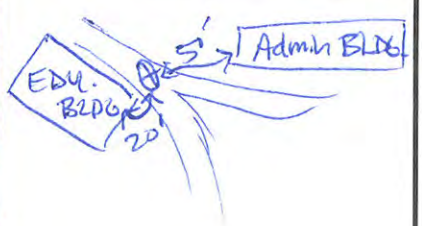
LOG OF BORING B-7 SHEET 1 OF 1

PROJECT: Queens Botanical Pathways Replacement Project		PROJECT NO.: 170150101	
LOCATION: Queens Botanical Garden, Queens, NY		ELEVATION AND DATUM:	
DRILLING AGENCY: ADT		DATE STARTED: 7/25/11	DATE FINISHED: 7/25/11
DRILLING EQUIPMENT: CME 240 Track Mounted Rig		COMPLETION DEPTH: 8'	ROCK DEPTH:
SIZE AND TYPE OF BIT: N/A		NO. SAMPLES: DIST. 1	UNDIST. — CORE —
CASING: 3"		WATER LEVEL: FIRST 7'	COMPL. — 24 HR. —
CASING HAMMER: Safety WEIGHT: 140 lb DROP: 30"		FOREMAN: Dominic	
SAMPLER: OD Split Spoon Sampler		INSPECTOR: SARA MEISSNER	
SAMPLER HAMMER: Safety WEIGHT: 140 lb DROP: 30"			

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO./LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR. RESIST BL/6 in.	PID	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
Dark brown fine to med SAND some wood, trace gravel & silt. (Dry). → Asphalt	1		SS	(18/24")	14	0.0	B-7 (0-2') sampled @ 1115 on 7/25/11
					1	0.0	
					2	0.0	
					4	0.0	— no odors —
Brown fine to med SAND, some gravel, trace silt (Dry)	2		SS	(16/24")	2	0.0	- PID readings in ppm
	3				1	0.0	
					2	0.0	
	4				2	0.0	
Brown-grey fine to med SAND, some gravel & silt (Saturated @ 7')	5		SS	(8/24")	1	0.0	
					2	0.0	
					3	0.0	
	6				3	0.0	
	7		SS	(10/24")	2	0.0	Water @ 7'
					3	0.0	
					5	0.0	
EOB @ 8'	8				7	0.0	Completed @ 1145 — hole backfilled to grade & patched w/ asphalt
	9						
	10						
	11						
	12						
	13						
	14						



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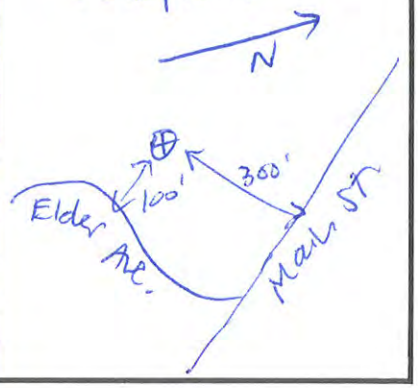
LOG OF BORING B-8 **SHEET** 1 **OF** 1

PROJECT: Queens Botanical Pathways Replacement Project		PROJECT NO.: 170152101	
LOCATION: Queens Botanical Garden, Queens NY		ELEVATION AND DATUM:	
DRILLING AGENCY: ADT		DATE STARTED: 7/26/11	DATE FINISHED: 7/26/11
DRILLING EQUIPMENT: CME 240 Track Mounted Rig		COMPLETION DEPTH: 8'	ROCK DEPTH:
SIZE AND TYPE OF BIT: N/A		NO. SAMPLES: DIST. 1	UNDIST.: — CORE: —
CASING: 3"		WATER LEVEL: FIRST 7'	COMPL.: — 24 HR.: —
CASING HAMMER: Safety WEIGHT 140 lb DROP 30"		FOREMAN: Dominic	
SAMPLER: OD Split Spoon Sampler		INSPECTOR: SARA MEISSNER	
SAMPLER HAMMER: Safety WEIGHT 140 lb DROP 30"			

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO.LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR. RESIST BL/6 in.	PID	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
Asphalt Grey-brown fine to med SAND, some gravel & silt. (Dry).	1		SS	(22/24")	7	0.0	B-8 (0-2') sampled @ 0900 on 7/26/11
					5	0.0	
					11	0.0	- no odor
	2				5	0.0	- WC collected
			SS	(12/24")	6	0.0	- PID readings in ppm
					8	0.0	
	3				12	0.0	
					19	0.0	
Rock w/ grey-brown fine to med SAND, some gravel, trace silt (Moist)	4						
			SS	(8/24")	17	0.0	
	5				26	0.0	
					34	0.0	
	6				28	0.0	
Brown/dark brown fine to med SAND, some gravel, trace silt. (Saturated)					21	0.0	
			SS	(18/24")	16	0.0	
	7				12	0.0	Water @ 7'
					12	0.0	
EOB @ 8'	8						Completed @ 0830 - hole backfilled to grade & patched w/ asphalt
	9						
	10						
	11						
	12						
	13						
	14						



LANGAN
ENGINEERING & ENVIRONMENTAL SERVICES

LOG OF BORING B-9 SHEET 1 OF 1

PROJECT: Queens Botanical Pathways Replacement Project	PROJECT NO.: 170150101
LOCATION: Queens Botanical Garden, Queens, NY	ELEVATION AND DATUM:
DRILLING AGENCY: ADT	DATE STARTED: 7/25/11 — DATE FINISHED: 7/25/11
DRILLING EQUIPMENT: CME 240 Track Mounted Rig	COMPLETION DEPTH: 8' — ROCK DEPTH:
SIZE AND TYPE OF BIT: N/A	NO. SAMPLES: DIST. 1, UNDIST. —, CORE —
CASING: 3"	WATER LEVEL: FIRST 7', COMPL. —, 24 HR. —
CASING HAMMER: Safety — WEIGHT: 140 lb — DROP: 30"	FOREMAN: Dominic
SAMPLER: OD Split Spoon Sampler	INSPECTOR: SARA MEISSNER
SAMPLER HAMMER: Safety — WEIGHT: 140 lb — DROP: 30"	

SAMPLE DESCRIPTION	DEPTH SCALE	NO./LOC.	TYPE	RECOV. FT.	PENETR. RESIST BL/6 in/.	PID (ppm)	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
Dark brown fine to med SAND, mixed w/ gravel & silt (Dry)	1		SS	(18/24")	6	0.0	B-9(0-2') sampled @ 1500 on 7/25/11
					2	0.0	
	2				2	0.0	- no odors -
					7	0.0	- WC collected
			SS	(16/24")	8	0.0	- PID readings in ppm
	3				5	0.0	
					5	0.0	
	4				3	0.0	
Brown fine to med SAND, trace gravel, some silt, (moist)			SS	(8/24")	4	0.0	
	5				3	0.0	
					2	0.0	
	6				4	0.0	
Grey-brown fine to med SAND, trace gravel & silt (Saturated)			SS	(10/24")	2	0.0	
	7				3	0.0	Water @ 7'
					6	0.0	
	8				9	0.0	
EOB @ 8'							Completed @ 1530 - hole backfilled to grade & patched w/ asphalt
	9						N
	10						Chem circle
	11						60'
	12						
	13						
	14						

LANGAN
ENGINEERING & ENVIRONMENTAL SERVICES

LOG OF BORING B-10 **SHEET** 1 **OF** 1

PROJECT: Queens Botanical Pathways Replacement Project	PROJECT NO.: 170150101
LOCATION: Queens Botanical Garden, Queens, NY	ELEVATION AND DATUM:
DRILLING AGENCY: ADT	DATE STARTED: 7/25/11 — DATE FINISHED: 7/25/11
DRILLING EQUIPMENT: CME 240 Track Mounted Rig	COMPLETION DEPTH: 8' — ROCK DEPTH: —
SIZE AND TYPE OF BIT: N/A	NO. SAMPLES: DIST. 1, UNDIST. —, CORE —
CASING: 3"	WATER LEVEL: FIRST 7', COMPL. —, 24 HR. —
CASING HAMMER: Safety — WEIGHT: 140 lb — DROP: 30"	FOREMAN: Dominic
SAMPLER: OD Split Spoon Sampler	INSPECTOR: SARA MEISSNER
SAMPLER HAMMER: Safety — WEIGHT: 140 lb — DROP: 30"	

SAMPLE DESCRIPTION	DEPTH SCALE	NO./LOC.	TYPE	RECOV. FT.	PENETR. RESIST BL/6 in/.	PID	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
Brown - grey fine to med SAND, some gravel & silt (Dry)	1		SS	(5/24")	6	0.0	B-10 (0-2') sampled @1200 on 7/25/11
					3	0.0	
					12	0.0	- PID readings in ppm -
Asphalt	2				12	0.0	
Grey fine SAND some gravel, trace silt (Dry)	3		SS	(18/24")	5	0.0	
					9	0.0	
					8	0.0	- no odors -
	4				13	0.0	
Brown fine to med SAND, trace gravel, some silt. (Moist)	5		SS	(12/24")	27	0.0	
					16	0.0	
					14	0.0	
	6				11	0.0	
Brick.					9	0.0	
Brown - grey fine to med SAND some gravel & silt (Saturated)	7		SS	(20/24")	3	0.0	
					7	0.0	Water @ 7'
EOB @ 8'	8				6	0.0	
	9						Completed @ 1230 on 7/25/11 - hole backfilled to grade & patched w/ asphalt
	10						
	11						Admin BLDG
	12						B-7, 40', ≈100', N
	13						
	14						

LANGAN
ENGINEERING & ENVIRONMENTAL SERVICES

LOG OF BORING B-11 **SHEET** 1 **OF** 1

PROJECT: Queens Botanical Pathways Replacement Project	PROJECT NO.: 170150101
LOCATION: Queens Botanical Garden, Queens, NY	ELEVATION AND DATUM:
DRILLING AGENCY: AOT	DATE STARTED: 7/25/11 — DATE FINISHED: 7/25/11
DRILLING EQUIPMENT: CME 240 Track Mounted Rig	COMPLETION DEPTH: 8' — ROCK DEPTH: —
SIZE AND TYPE OF BIT: N/A	NO. SAMPLES: DIST. 1 — UNDIST. — — CORE —
CASING: 3"	WATER LEVEL: FIRST 7' — COMPL. — — 24 HR. —
CASING HAMMER: Safety — WEIGHT: 140 lb — DROP: 30"	FOREMAN: Dominic
SAMPLER: OD Split Spoon Sampler	INSPECTOR: SARA MEISSNER
SAMPLER HAMMER: Safety — WEIGHT: 140 lb — DROP: 30"	

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO./LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR. RESIST BL/6 in.	PID	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
Asphalt							
Brown-grey fine to med SAND, some silt, trace gravel. (Dry)	1		SS	(15/24")	6	0.0	B-11 (0-2') sampled @ 1400 on 7/25/11
					6	0.0	
					9	0.0	- PID readings in ppm
	2				5	0.0	- WC collected
			SS	(10/24")	4	0.0	
	3				6	0.0	- no odors -
					8	0.0	
Brown-grey brown fine to med SAND, some gravel, trace silt. (Dry)	4				2	0.0	
			SS	(10/24")	10	0.0	
Brick	5				9	0.0	
Brown fine to med SAND, moist. (Dry)					7	0.0	
	6				9	0.0	
Dark brown fine to med SAND, (Saturated)					13	0.0	
	7		SS	(12/24")	9	0.0	
Dark brown fine to med SAND trace silt & gravel (saturated)					11	0.0	Water @ 7'
	8				8	0.0	
EOB @ 8'							Completed @ 1430 on 7/25/11
	9						- hole backfilled to grade & patched w/ asphalt
	10						
	11						Cherry Circle
	12						
	13						
	14						

APPENDIX B
ANALYTICAL LABORATORY NYSDOH CERTIFICATION

DOH STATE OF NEW YORK
DEPARTMENT OF HEALTH

Wadsworth Center The Governor Nelson A. Rockefeller Empire State Plaza P.O. BOX 509 Albany, New York 12201-0509

LAB ID: 10854

April 27, 2011

MR. ROBERT Q. BRADLEY
YORK ANALYTICAL LABORATORIES INC
120 RESEARCH DRIVE
STRATFORD, CT 06615

Certificate Expiration Date:
April 01, 2012

Dear Mr. Bradley,

Enclosed are Certificate(s) of Approval issued to your environmental laboratory for the current permit year. The Certificate(s) supersede(s) any previously issued one(s) and is(are) in effect through the expiration date listed. Please carefully examine the Certificate(s) to insure that the categories, subcategories, analytes, and methods for which your laboratory is approved are correct. In addition, verify that your laboratory's name, address, lead technical director, and identification number are accurate.

Pursuant to NYCRR Subpart 55-2.2, original certificates must be posted conspicuously in the laboratory and copies shall be made available to any client of the laboratory upon request.

Pursuant to NYCRR Subpart 55-2.6, any misrepresentation of the Fields of Accreditation (Matrix - Method - Analyte) for which your laboratory is approved may result in denial, suspension, or revocation of your certification. Any use of the Environmental Laboratory Approval Program (ELAP) or National Environmental Laboratory Accreditation Program (NELAP) name, reference to the laboratory's approval status, and/or using the NELAP logo in any catalogs, advertising, business solicitations, proposals, quotations, laboratory analytical reports, or other materials must include the laboratory's ELAP identification number and distinguish between testing for which the laboratory is approved and testing for which the laboratory is not approved.

Please notify the ELAP office of any changes you feel need to be made to your Certificate(s). We may be reached by email - elap@health.state.ny.us - or by calling (518) 485-5570.

Sincerely,

Stephanie E. Ostrowski

STEPHANIE OSTROWSKI, PH.D.
Program Director
Environmental Laboratory Approval Program

COPY

COPY

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

Expires 12:01 AM April 01, 2012
Issued April 01, 2011
Revised April 27, 2011

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. ROBERT Q. BRADLEY
YORK ANALYTICAL LABORATORIES INC
120 RESEARCH DRIVE
STRATFORD, CT 06615

NY Lab Id No: 10854
EPA Lab Code: CT00106

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards for the category ENVIRONMENTAL ANALYSES NON POTABLE WATER
All approved analytes are listed below:

Amines	
Pyridine	EPA 8270C
Benzidines	
3,3'-Dichlorobenzidine	EPA 625
	EPA 8270C
	EPA 8270D
Benzidine	EPA 625
	EPA 8270C
Chlorinated Hydrocarbon Pesticides	
4,4'-DDD	EPA 608
	EPA 8081A
4,4'-DDE	EPA 608
	EPA 8081A
4,4'-DDT	EPA 608
	EPA 8081A
Aldrin	EPA 608
	EPA 8081A
alpha-BHC	EPA 608
	EPA 8081A
beta-BHC	EPA 608
	EPA 8081A
Chlordane Total	EPA 608
	EPA 8081A
delta-BHC	EPA 608
	EPA 8081A
Dieldrin	EPA 608

Chlorinated Hydrocarbon Pesticides	
Dieldrin	EPA 8081A
Endosulfan I	EPA 608
	EPA 8081A
Endosulfan II	EPA 608
	EPA 8081A
Endosulfan sulfate	EPA 608
	EPA 8081A
Endrin	EPA 608
	EPA 8081A
Endrin aldehyde	EPA 608
	EPA 8081A
Heptachlor	EPA 608
	EPA 8081A
Heptachlor epoxide	EPA 608
	EPA 8081A
Lindane	EPA 608
	EPA 8081A
Methoxychlor	EPA 608
	EPA 8081A
Toxaphene	EPA 608
	EPA 8081A
Chlorinated Hydrocarbons	
1,2,4,5-Tetrachlorobenzene	EPA 8270D
1,2,4-Trichlorobenzene	EPA 625
	EPA 8270C

Serial No.: 44887

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify the laboratory's accreditation status.

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Chlorinated Hydrocarbons	
1,2,4-Trichlorobenzene	EPA 8270D
2-Chloronaphthalene	EPA 625
	EPA 8270C
	EPA 8270D
Hexachlorobenzene	EPA 625
	EPA 8270C
	EPA 8270D
Hexachlorobutadiene	EPA 625
	EPA 8270C
	EPA 8270D
Hexachlorocyclopentadiene	EPA 625
	EPA 8270C
	EPA 8270D
Hexachloroethane	EPA 625
	EPA 8270C
	EPA 8270D
Chlorophenoxy Acid Pesticides	
2,4,5-T	EPA 8151A
2,4,5-TP (Silvex)	EPA 8151A
2,4-D	EPA 8151A
Dicamba	EPA 8151A
Demand	
Biochemical Oxygen Demand	SM 18-21 5210B (01)

Fuel Oxygenates	
Di-isopropyl ether	EPA 8260B
Ethanol	EPA 8260B
tert-amyl alcohol	EPA 8260B
tert-amyl methyl ether (TAME)	EPA 8260B
tert-butyl alcohol	EPA 8260B
tert-butyl ethyl ether (ETBE)	EPA 8260B
Haloethers	
4-Bromophenylphenyl ether	EPA 625
	EPA 8270C
	EPA 8270D
4-Chlorophenylphenyl ether	EPA 625
	EPA 8270C
	EPA 8270D
Bis (2-chloroisopropyl) ether	EPA 625
	EPA 8270C
	EPA 8270D
Bis(2-chloroethoxy)methane	EPA 625
	EPA 8270C
	EPA 8270D
Bis(2-chloroethyl)ether	EPA 625
	EPA 8270C
	EPA 8270D
Nitroaromatics and Isophorone	
2,4-Dinitrotoluene	EPA 625
	EPA 8270C

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All approved analytes are listed below:

Nitroaromatics and Isophorone	
2,4-Dinitrotoluene	EPA 8270D
2,6-Dinitrotoluene	EPA 625
	EPA 8270C
	EPA 8270D
Isophorone	EPA 625
	EPA 8270C
	EPA 8270D
Nitrobenzene	EPA 625
	EPA 8270C
	EPA 8270D
Nitrosoamines	
N-Nitrosodi-n-propylamine	EPA 625
	EPA 8270C
	EPA 8270D
N-Nitrosodiphenylamine	EPA 625
	EPA 8270C
	EPA 8270D
Nutrient	
Ammonia (as N)	SM 19-21 4500-NH3 D or E (97)
Kjeldahl Nitrogen, Total	SM 19-21 4500-NH3 D or E (97)
Nitrate (as N)	EPA 300.0 Rev. 2.1
Nitrite (as N)	EPA 300.0 Rev. 2.1
Orthophosphate (as P)	EPA 300.0 Rev. 2.1

Phthalate Esters	
Benzyl butyl phthalate	EPA 625
	EPA 8270C
	EPA 8270D
Bis(2-ethylhexyl) phthalate	EPA 625
	EPA 8270C
	EPA 8270D
Diethyl phthalate	EPA 625
	EPA 8270C
	EPA 8270D
Dimethyl phthalate	EPA 625
	EPA 8270C
	EPA 8270D
Di-n-butyl phthalate	EPA 625
	EPA 8270C
	EPA 8270D
Di-n-octyl phthalate	EPA 625
	EPA 8270C
	EPA 8270D
Polychlorinated Biphenyls	
PCB-1016	EPA 608
	EPA 8082
PCB-1221	EPA 608
	EPA 8082
PCB-1232	EPA 608
	EPA 8082

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Polychlorinated Biphenyls	
PCB-1242	EPA 608
	EPA 8082
PCB-1248	EPA 608
	EPA 8082
PCB-1254	EPA 608
	EPA 8082
PCB-1260	EPA 608
	EPA 8082
Polynuclear Aromatics	
Acenaphthene	EPA 625
	EPA 8270C
	EPA 8270D
Acenaphthylene	EPA 625
	EPA 8270C
	EPA 8270D
Anthracene	EPA 625
	EPA 8270C
	EPA 8270D
Benzo(a)anthracene	EPA 625
	EPA 8270C
	EPA 8270D
Benzo(a)pyrene	EPA 625
	EPA 8270C
	EPA 8270D
Benzo(b)fluoranthene	EPA 625
	EPA 8270C
	EPA 8270D
Benzo(b)fluoranthene	EPA 625
	EPA 8270C
	EPA 8270D
Benzo(ghi)perylene	EPA 625
	EPA 8270C
	EPA 8270D
Benzo(k)fluoranthene	EPA 625
	EPA 8270C
	EPA 8270D
Chrysene	EPA 625
	EPA 8270C
	EPA 8270D
Dibenzo(a,h)anthracene	EPA 625
	EPA 8270C
	EPA 8270D
Fluoranthene	EPA 625
	EPA 8270C
	EPA 8270D
Fluorene	EPA 625
	EPA 8270C
	EPA 8270D
Indeno(1,2,3-cd)pyrene	EPA 625
	EPA 8270C
	EPA 8270D
Naphthalene	EPA 625
	EPA 8270C

Serial No.: 44887

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All approved analytes are listed below:

Polynuclear Aromatics	
Naphthalene	EPA 8270D
Phenanthrene	EPA 625
	EPA 8270C
	EPA 8270D
Pyrene	EPA 625
	EPA 8270C
	EPA 8270D
Priority Pollutant Phenols	
2,4,5-Trichlorophenol	EPA 625
	EPA 8270C
	EPA 8270D
2,4,6-Trichlorophenol	EPA 625
	EPA 8270C
	EPA 8270D
2,4-Dichlorophenol	EPA 625
	EPA 8270C
	EPA 8270D
2,4-Dimethylphenol	EPA 625
	EPA 8270C
	EPA 8270D
2,4-Dinitrophenol	EPA 625
	EPA 8270C
	EPA 8270D
2-Chlorophenol	EPA 625
	EPA 8270C

Priority Pollutant Phenols	
2-Chlorophenol	EPA 8270D
2-Methyl-4,6-dinitrophenol	EPA 625
	EPA 8270C
	EPA 8270D
2-Nitrophenol	EPA 625
	EPA 8270C
	EPA 8270D
4-Chloro-3-methylphenol	EPA 625
	EPA 8270C
	EPA 8270D
4-Nitrophenol	EPA 625
	EPA 8270C
	EPA 8270D
Cresols, Total	EPA 8270C
	EPA 8270D
Pentachlorophenol	EPA 625
	EPA 8270C
	EPA 8270D
Phenol	EPA 625
	EPA 8270C
	EPA 8270D
Residue	
Solids, Total	SM 18-21 2540B (97)
Solids, Total Dissolved	SM 18-21 2540C (97)
Solids, Total Suspended	SM 18-21 2540D (97)

Serial No.: 44887

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All approved analytes are listed below:

Semi-Volatile Organics	
1,2-Dichlorobenzene, Semi-volatile	EPA 8270C
	EPA 8270D
1,3-Dichlorobenzene, Semi-volatile	EPA 8270C
	EPA 8270D
1,4-Dichlorobenzene, Semi-volatile	EPA 8270C
	EPA 8270D
Benzyl alcohol	EPA 8270D
Volatile Aromatics	
1,2,4-Trichlorobenzene, Volatile	EPA 8260B
1,2-Dichlorobenzene	EPA 624
	EPA 8260B
1,3-Dichlorobenzene	EPA 624
	EPA 8260B
1,4-Dichlorobenzene	EPA 624
	EPA 8260B
Benzene	EPA 624
	EPA 8260B
Chlorobenzene	EPA 624
	EPA 8260B
Ethyl benzene	EPA 624
	EPA 8260B
Toluene	EPA 624
	EPA 8260B
Total Xylenes	EPA 624
	EPA 8260B

Volatile Halocarbons	
1,1,1-Trichloroethane	EPA 624
	EPA 8260B
1,1,2,2-Tetrachloroethane	EPA 624
	EPA 8260B
1,1,2-Trichloroethane	EPA 624
	EPA 8260B
1,1-Dichloroethane	EPA 624
	EPA 8260B
1,1-Dichloroethene	EPA 624
	EPA 8260B
1,2-Dichloroethane	EPA 624
	EPA 8260B
1,2-Dichloropropane	EPA 624
	EPA 8260B
2-Chloroethylvinyl ether	EPA 8260B
Bromodichloromethane	EPA 624
	EPA 8260B
Bromoform	EPA 624
	EPA 8260B
Bromomethane	EPA 624
Carbon tetrachloride	EPA 624
	EPA 8260B
Chloroethane	EPA 624
	EPA 8260B
Chloroform	EPA 624

Serial No.: 44887

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NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

Expires 12:01 AM April 01, 2012
Issued April 01, 2011
Revised April 27, 2011

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. ROBERT Q. BRADLEY
YORK ANALYTICAL LABORATORIES INC
120 RESEARCH DRIVE
STRATFORD, CT 06615

NY Lab Id No: 10854
EPA Lab Code: CT00106

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards for the category ENVIRONMENTAL ANALYSES NON POTABLE WATER
All approved analytes are listed below:

Volatile Halocarbons

Chloroform	EPA 8260B
Chloromethane	EPA 624
	EPA 8260B
cis-1,3-Dichloropropene	EPA 624
	EPA 8260B
Dibromochloromethane	EPA 624
	EPA 8260B
Dichlorodifluoromethane	EPA 624
	EPA 8260B
Hexachlorobutadiene, Volatile	EPA 8260B
Methylene chloride	EPA 624
	EPA 8260B
Tetrachloroethene	EPA 624
	EPA 8260B
trans-1,2-Dichloroethene	EPA 624
	EPA 8260B
trans-1,3-Dichloropropene	EPA 624
	EPA 8260B
Trichloroethene	EPA 624
	EPA 8260B
Trichlorofluoromethane	EPA 8260B
Vinyl chloride	EPA 624
	EPA 8260B

Volatiles Organics

2-Butanone (Methylethyl ketone)	EPA 8260B

Wastewater Metals I

Barium, Total	EPA 200.7 Rev. 4.4
	EPA 6010B
Cadmium, Total	EPA 200.7 Rev. 4.4
	EPA 6010B
Chromium, Total	EPA 200.7 Rev. 4.4
	EPA 6010B
Copper, Total	EPA 200.7 Rev. 4.4
	EPA 6010B
Iron, Total	EPA 6010B
Lead, Total	EPA 200.7 Rev. 4.4
	EPA 6010B
Magnesium, Total	EPA 200.7 Rev. 4.4
	EPA 6010B
Manganese, Total	EPA 200.7 Rev. 4.4
	EPA 6010B
Nickel, Total	EPA 200.7 Rev. 4.4
	EPA 6010B

Wastewater Metals II

Aluminum, Total	EPA 200.7 Rev. 4.4
	EPA 6010B
Antimony, Total	EPA 200.7 Rev. 4.4
	EPA 6010B
Arsenic, Total	EPA 200.7 Rev. 4.4
	EPA 6010B
Beryllium, Total	EPA 200.7 Rev. 4.4

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All approved analytes are listed below:

		Sample Preparation Methods
Wastewater Metals II		
Beryllium, Total	EPA 6010B	SM 18-20 4500-CN C
Mercury, Total	EPA 245.1 Rev. 3.0	
	EPA 245.2 Rev. 1974	
	EPA 7470A	
Selenium, Total	EPA 200.7 Rev. 4.4	
	EPA 6010B	
Vanadium, Total	EPA 200.7 Rev. 4.4	
	EPA 6010B	
Zinc, Total	EPA 200.7 Rev. 4.4	
	EPA 6010B	
Wastewater Metals III		
Molybdenum, Total	EPA 200.7 Rev. 4.4	
	EPA 6010B	
Thallium, Total	EPA 200.7 Rev. 4.4	
	EPA 6010B	
Wastewater Miscellaneous		
Oil & Grease Total Recoverable (HEM)	EPA 1664A	
Surfactant (MBAS)	SM 18-21 5540C (00)	
Sample Preparation Methods		
	EPA 3005A	
	EPA 3010A	
	EPA 3020A	
	EPA 3510C	
	EPA 5030B	

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All approved analytes are listed below:

Amines	
2-Nitroaniline	EPA 8270D
3-Nitroaniline	EPA 8270D
4-Chloroaniline	EPA 8270D
4-Nitroaniline	EPA 8270D
Aniline	EPA 8270D
Carbazole	EPA 8270D
Diphenylamine	EPA 8270D
Benzidines	
3,3'-Dichlorobenzidine	EPA 8270D
Characteristic Testing	
Corrosivity	EPA 1110
Ignitability	EPA 1010
Reactivity	SW-846 Ch7 Sec. 7.3
Chlorinated Hydrocarbon Pesticides	
4,4'-DDD	EPA 8081A
4,4'-DDE	EPA 8081A
4,4'-DDT	EPA 8081A
Aldrin	EPA 8081A
alpha-BHC	EPA 8081A
beta-BHC	EPA 8081A
Chlordane Total	EPA 8081A
delta-BHC	EPA 8081A
Dieldrin	EPA 8081A
Endosulfan I	EPA 8081A
Chlorinated Hydrocarbon Pesticides	
Endosulfan II	EPA 8081A
Endosulfan sulfate	EPA 8081A
Endrin	EPA 8081A
Endrin aldehyde	EPA 8081A
Heptachlor	EPA 8081A
Heptachlor epoxide	EPA 8081A
Lindane	EPA 8081A
Methoxychlor	EPA 8081A
Chlorinated Hydrocarbons	
1,2,4-Trichlorobenzene	EPA 8270C EPA 8270D
2-Chloronaphthalene	EPA 8270C EPA 8270D
Hexachlorobenzene	EPA 8270C EPA 8270D
Hexachlorobutadiene	EPA 8270C EPA 8270D
Hexachlorocyclopentadiene	EPA 8270C EPA 8270D
Hexachloroethane	EPA 8270C EPA 8270D
Chlorophenoxy Acid Pesticides	
2,4,5-T	EPA 8151A
2,4,5-TP (Silvex)	EPA 8151A
2,4-D	EPA 8151A

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All approved analytes are listed below:

Chlorophenoxy Acid Pesticides	
Dicamba	EPA 8151A
Haloethers	
4-Bromophenylphenyl ether	EPA 8270C
	EPA 8270D
4-Chlorophenylphenyl ether	EPA 8270C
	EPA 8270D
Bis (2-chloroisopropyl) ether	EPA 8270C
	EPA 8270D
Bis(2-chloroethoxy)methane	EPA 8270C
	EPA 8270D
Bis(2-chloroethyl)ether	EPA 8270D
Metals I	
Barium, Total	EPA 6010B
Cadmium, Total	EPA 6010B
Chromium, Total	EPA 6010B
Lead, Total	EPA 6010B
Nickel, Total	EPA 6010B
Silver, Total	EPA 6010B
Metals II	
Antimony, Total	EPA 6010B
Arsenic, Total	EPA 6010B
Selenium, Total	EPA 6010B
Miscellaneous	
Hydrogen Ion (pH)	EPA 9040B
Miscellaneous	
Hydrogen Ion (pH)	EPA 9045C
Nitroaromatics and Isophorone	
2,4-Dinitrotoluene	EPA 8270C
	EPA 8270D
2,6-Dinitrotoluene	EPA 8270C
	EPA 8270D
Isophorone	EPA 8270C
	EPA 8270D
Nitrobenzene	EPA 8270C
	EPA 8270D
Pyridine	EPA 8270D
Nitrosoamines	
N-Nitrosodi-n-propylamine	EPA 8270C
	EPA 8270D
Petroleum Hydrocarbons	
Diesel Range Organics	EPA 8015 B
Phthalate Esters	
Benzyl butyl phthalate	EPA 8270C
	EPA 8270D
Bis(2-ethylhexyl) phthalate	EPA 8270C
	EPA 8270D
Diethyl phthalate	EPA 8270C
	EPA 8270D
Dimethyl phthalate	EPA 8270C

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Phthalate Esters	
Dimethyl phthalate	EPA 8270D
Di-n-butyl phthalate	EPA 8270C
	EPA 8270D
Di-n-octyl phthalate	EPA 8270C
	EPA 8270D
Polychlorinated Biphenyls	
PCB-1016	EPA 8082
PCB-1221	EPA 8082
PCB-1232	EPA 8082
PCB-1242	EPA 8082
PCB-1248	EPA 8082
PCB-1254	EPA 8082
PCB-1260	EPA 8082
Polynuclear Aromatic Hydrocarbons	
Acenaphthene	EPA 8270C
	EPA 8270D
Acenaphthylene	EPA 8270C
	EPA 8270D
Anthracene	EPA 8270C
	EPA 8270D
Benzo(a)anthracene	EPA 8270C
	EPA 8270D
Benzo(a)pyrene	EPA 8270C
	EPA 8270D
Benzo(b)fluoranthene	EPA 8270C

Polynuclear Aromatic Hydrocarbons	
Benzo(b)fluoranthene	EPA 8270D
Benzo(ghi)perylene	EPA 8270C
	EPA 8270D
Benzo(k)fluoranthene	EPA 8270C
	EPA 8270D
Chrysene	EPA 8270C
	EPA 8270D
Dibenzo(a,h)anthracene	EPA 8270C
	EPA 8270D
Fluoranthene	EPA 8270C
	EPA 8270D
Fluorene	EPA 8270C
	EPA 8270D
Indeno(1,2,3-cd)pyrene	EPA 8270C
	EPA 8270D
Naphthalene	EPA 8270C
	EPA 8270D
Phenanthrene	EPA 8270C
	EPA 8270D
Pyrene	EPA 8270C
	EPA 8270D
Priority Pollutant Phenols	
2,4,6-Trichlorophenol	EPA 8270C
	EPA 8270D
2,4-Dichlorophenol	EPA 8270C

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Priority Pollutant Phenols	
2,4-Dichlorophenol	EPA 8270D
2,4-Dimethylphenol	EPA 8270C
	EPA 8270D
2,4-Dinitrophenol	EPA 8270C
	EPA 8270D
2-Chlorophenol	EPA 8270C
	EPA 8270D
2-Methyl-4,6-dinitrophenol	EPA 8270C
	EPA 8270D
2-Methylphenol	EPA 8270C
	EPA 8270D
2-Nitrophenol	EPA 8270C
	EPA 8270D
4-Chloro-3-methylphenol	EPA 8270C
	EPA 8270D
4-Nitrophenol	EPA 8270C
	EPA 8270D
Pentachlorophenol	EPA 8270C
	EPA 8270D
Phenol	EPA 8270C
	EPA 8270D
Semi-Volatile Organics	
Benzyl alcohol	EPA 8270D
Volatile Aromatics	
1,2-Dichlorobenzene	EPA 8260B
1,3-Dichlorobenzene	EPA 8260B
1,4-Dichlorobenzene	EPA 8260B
Benzene	EPA 8260B
Chlorobenzene	EPA 8260B
Ethyl benzene	EPA 8260B
Toluene	EPA 8260B
Total Xylenes	EPA 8260B
Volatile Halocarbons	
1,1,1-Trichloroethane	EPA 8260B
1,1,2,2-Tetrachloroethane	EPA 8260B
1,1,2-Trichloroethane	EPA 8260B
1,1-Dichloroethane	EPA 8260B
1,1-Dichloroethene	EPA 8260B
1,2-Dichloroethane	EPA 8260B
2-Chloroethylvinyl ether	EPA 8260B
Bromodichloromethane	EPA 8260B
Bromoform	EPA 8260B
Bromomethane	EPA 8260B
Carbon tetrachloride	EPA 8260B
Chloroethane	EPA 8260B
Chloroform	EPA 8260B
Chloromethane	EPA 8260B
cis-1,3-Dichloropropene	EPA 8260B
Dibromochloromethane	EPA 8260B
Dichlorodifluoromethane	EPA 8260B

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All approved analytes are listed below:

Volatile Halocarbons

Methylene chloride	EPA 8260B
Tetrachloroethene	EPA 8260B
trans-1,3-Dichloropropene	EPA 8260B
Trichloroethene	EPA 8260B
Trichlorofluoromethane	EPA 8260B
Vinyl chloride	EPA 8260B

Sample Preparation Methods

EPA 1310
EPA 1311
EPA 3005A
EPA 3010A
EPA 3031
EPA 3040A
EPA 3050B
EPA 3060A
EPA 3545
EPA 3550B
EPA 3580
EPA 3585
EPA 5030B
EPA 5035

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APPENDIX C
LABORATORY ANALYTICAL REPORTS

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Clay Patterson

Report Date: 08/08/2011
Client Project ID: 170150101
York Project (SDG) No.: 11G0830

Report Date: 08/08/2011
Client Project ID: 170150101
York Project (SDG) No.: 11G0830

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Clay Patterson

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on July 26, 2011 and listed below. The project was identified as your project: **170150101**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
11G0830-01	B-3 (0-2')	Soil	07/26/2011	07/26/2011
11G0830-02	B-5 (0-2')	Soil	07/26/2011	07/26/2011
11G0830-03	B-6 (0-2')	Soil	07/26/2011	07/26/2011
11G0830-04	B-7 (0-2')	Soil	07/25/2011	07/26/2011
11G0830-05	B-8 (0-2')	Soil	07/26/2011	07/26/2011
11G0830-06	B-9 (0-2')	Soil	07/25/2011	07/26/2011
11G0830-07	B-10 (0-2')	Soil	07/25/2011	07/26/2011
11G0830-08	B-11 (0-2')	Soil	07/25/2011	07/26/2011
11G0830-09	WC-1	Soil	07/26/2011	07/26/2011

General Notes for York Project (SDG) No.: 11G0830

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By: **Date:** 08/08/2011

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: B-3 (0-2') **York Sample ID:** 11G0830-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0830	170150101	Soil	July 26, 2011 10:30 am	07/26/2011

Total Petroleum Hydrocarbons-DRO

Log-in Notes: Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Petroleum Hydrocarbons-DRO	27.7		mg/kg dry	7.33	12.6	1	EPA SW846-8015B	08/04/2011 14:51	08/05/2011 11:55	SR

Surrogate Recoveries		Result	Acceptance Range
638-68-6	*Surrogate: Triacontane*	*62.9 %*	*30-150*

Lead TCLP by EPA 6010

Log-in Notes: Sample Notes:

Sample Prepared by Method: EPA SW 846-3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	0.420		mg/L	0.00120	0.00300	1	EPA 1311/6010B	08/01/2011 15:48	08/02/2011 04:52	MW

Total Solids

Log-in Notes: Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	79.1		%	0.100	0.100	1	SM 2540G	08/01/2011 12:16	08/01/2011 12:16	MZ

Sample Information

Client Sample ID: B-5 (0-2') **York Sample ID:** 11G0830-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0830	170150101	Soil	July 26, 2011 9:30 am	07/26/2011

Total Petroleum Hydrocarbons-DRO

Log-in Notes: Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Petroleum Hydrocarbons-DRO	36.7		mg/kg dry	7.18	12.4	1	EPA SW846-8015B	08/04/2011 14:51	08/05/2011 11:55	SR

Surrogate Recoveries		Result	Acceptance Range
638-68-6	*Surrogate: Triacontane*	*70.1 %*	*30-150*

Lead TCLP by EPA 6010

Log-in Notes: Sample Notes:

Sample Prepared by Method: EPA SW 846-3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	0.992		mg/L	0.00120	0.00300	1	EPA 1311/6010B	08/01/2011 15:48	08/02/2011 05:11	MW

Total Solids

Log-in Notes: Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	80.8		%	0.100	0.100	1	SM 2540G	08/01/2011 12:16	08/01/2011 12:16	MZ

Sample Information

Client Sample ID: B-6 (0-2') **York Sample ID:** 11G0830-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0830	170150101	Soil	July 26, 2011 9:00 am	07/26/2011

Total Petroleum Hydrocarbons-DRO

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Petroleum Hydrocarbons-DRO	**36.5**		mg/kg dry	6.96	12.0	1	EPA SW846-8015B	08/04/2011 14:51	08/05/2011 11:55	SR

Surrogate Recoveries		Result	Acceptance Range
638-68-6	*Surrogate: Triacontane*	*83.7 %*	*30-150*

Lead TCLP by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW 846-3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**0.00722**		mg/L	0.00120	0.00300	1	EPA 1311/6010B	08/01/2011 15:48	08/02/2011 05:16	MW

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**83.3**		%	0.100	0.100	1	SM 2540G	08/01/2011 12:16	08/01/2011 12:16	MZ

Sample Information

Client Sample ID: B-7 (0-2') **York Sample ID:** 11G0830-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0830	170150101	Soil	July 25, 2011 11:15 am	07/26/2011

Total Petroleum Hydrocarbons-DRO

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Petroleum Hydrocarbons-DRO	**30.0**		mg/kg dry	10.1	17.4	1	EPA SW846-8015B	08/04/2011 14:51	08/05/2011 11:55	SR

Surrogate Recoveries		Result	Acceptance Range
638-68-6	*Surrogate: Triacontane*	*71.4 %*	*30-150*

Lead TCLP by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW 846-3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**0.183**		mg/L	0.00120	0.00300	1	EPA 1311/6010B	08/01/2011 15:48	08/02/2011 05:24	MW

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**57.6**		%	0.100	0.100	1	SM 2540G	08/01/2011 12:16	08/01/2011 12:16	MZ

Sample Information

Client Sample ID: B-8 (0-2') **York Sample ID:** 11G0830-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0830	170150101	Soil	July 26, 2011 8:00 am	07/26/2011

Total Petroleum Hydrocarbons-DRO

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Petroleum Hydrocarbons-DRO	**25.5**		mg/kg dry	6.53	11.3	1	EPA SW846-8015B	08/04/2011 14:51	08/05/2011 11:55	SR

	Surrogate Recoveries	Result	Acceptance Range
638-68-6	*Surrogate: Triacontane*	*74.6 %*	*30-150*

Lead TCLP by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW 846-3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**0.223**		mg/L	0.00120	0.00300	1	EPA 1311/6010B	08/01/2011 15:48	08/02/2011 05:29	MW

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**88.8**		%	0.100	0.100	1	SM 2540G	08/01/2011 12:16	08/01/2011 12:16	MZ

Sample Information

Client Sample ID: B-9 (0-2') **York Sample ID:** 11G0830-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0830	170150101	Soil	July 25, 2011 3:00 pm	07/26/2011

Total Petroleum Hydrocarbons-DRO

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Petroleum Hydrocarbons-DRO	ND		mg/kg dry	6.74	11.6	1	EPA SW846-8015B	08/04/2011 14:51	08/05/2011 11:55	SR

	Surrogate Recoveries	Result	Acceptance Range
638-68-6	*Surrogate: Triacontane*	*59.6 %*	*30-150*

Lead TCLP by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW 846-3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**0.282**		mg/L	0.00120	0.00300	1	EPA 1311/6010B	08/01/2011 15:48	08/02/2011 05:34	MW

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**86.1**		%	0.100	0.100	1	SM 2540G	08/01/2011 12:16	08/01/2011 12:16	MZ

Sample Information

Client Sample ID: B-10 (0-2') **York Sample ID:** 11G0830-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0830	170150101	Soil	July 25, 2011 12:00 pm	07/26/2011

Total Petroleum Hydrocarbons-DRO

Log-in Notes: Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Petroleum Hydrocarbons-DRO	ND		mg/kg dry	6.87	11.8	1	EPA SW846-8015B	08/04/2011 14:51	08/05/2011 11:55	SR
	Surrogate Recoveries	**Result**		**Acceptance Range**							
638-68-6	*Surrogate: Triacontane*	*79.2 %*		*30-150*							

Lead TCLP by EPA 6010

Log-in Notes: Sample Notes:

Sample Prepared by Method: EPA SW 846-3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**0.0574**		mg/L	0.00120	0.00300	1	EPA 1311/6010B	08/01/2011 15:48	08/02/2011 05:39	MW

Total Solids

Log-in Notes: Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**84.4**		%	0.100	0.100	1	SM 2540G	08/01/2011 12:16	08/01/2011 12:16	MZ

Sample Information

Client Sample ID: B-11 (0-2') **York Sample ID:** 11G0830-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0830	170150101	Soil	July 25, 2011 2:00 pm	07/26/2011

Total Petroleum Hydrocarbons-DRO

Log-in Notes: Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Petroleum Hydrocarbons-DRO	ND		mg/kg dry	6.52	11.2	1	EPA SW846-8015B	08/04/2011 14:51	08/05/2011 11:55	SR
	Surrogate Recoveries	**Result**		**Acceptance Range**							
638-68-6	*Surrogate: Triacontane*	*70.5 %*		*30-150*							

Lead TCLP by EPA 6010

Log-in Notes: Sample Notes:

Sample Prepared by Method: EPA SW 846-3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**0.0502**		mg/L	0.00120	0.00300	1	EPA 1311/6010B	08/01/2011 15:48	08/02/2011 05:44	MW

Total Solids

Log-in Notes: Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**89.0**		%	0.100	0.100	1	SM 2540G	08/01/2011 12:16	08/01/2011 12:16	MZ

Sample Information

Client Sample ID: WC-1 **York Sample ID:** 11G0830-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0830	170150101	Soil	July 26, 2011 10:00 am	07/26/2011

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.8	14	2	EPA SW846-8260B	08/01/2011 18:39	08/01/2011 18:39	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.7	14	2	EPA SW846-8260B	08/01/2011 18:39	08/01/2011 18:39	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.8	14	2	EPA SW846-8260B	08/01/2011 18:39	08/01/2011 18:39	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.8	14	2	EPA SW846-8260B	08/01/2011 18:39	08/01/2011 18:39	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.0	14	2	EPA SW846-8260B	08/01/2011 18:39	08/01/2011 18:39	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.9	14	2	EPA SW846-8260B	08/01/2011 18:39	08/01/2011 18:39	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.4	27	2	EPA SW846-8260B	08/01/2011 18:39	08/01/2011 18:39	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.9	27	2	EPA SW846-8260B	08/01/2011 18:39	08/01/2011 18:39	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.0	14	2	EPA SW846-8260B	08/01/2011 18:39	08/01/2011 18:39	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.9	14	2	EPA SW846-8260B	08/01/2011 18:39	08/01/2011 18:39	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	0.65	14	2	EPA SW846-8260B	08/01/2011 18:39	08/01/2011 18:39	SS
78-93-3	**2-Butanone**	**45**		ug/kg dry	7.6	27	2	EPA SW846-8260B	08/01/2011 18:39	08/01/2011 18:39	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.6	14	2	EPA SW846-8260B	08/01/2011 18:39	08/01/2011 18:39	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	7.8	14	2	EPA SW846-8260B	08/01/2011 18:39	08/01/2011 18:39	SS
67-64-1	**Acetone**	**120**	B	ug/kg dry	9.2	27	2	EPA SW846-8260B	08/01/2011 18:39	08/01/2011 18:39	SS
71-43-2	Benzene	ND		ug/kg dry	1.4	14	2	EPA SW846-8260B	08/01/2011 18:39	08/01/2011 18:39	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.8	14	2	EPA SW846-8260B	08/01/2011 18:39	08/01/2011 18:39	SS
75-25-2	Bromoform	ND		ug/kg dry	1.7	14	2	EPA SW846-8260B	08/01/2011 18:39	08/01/2011 18:39	SS
74-83-9	Bromomethane	ND		ug/kg dry	3.7	14	2	EPA SW846-8260B	08/01/2011 18:39	08/01/2011 18:39	SS
75-15-0	**Carbon disulfide**	**5.1**	J	ug/kg dry	1.9	14	2	EPA SW846-8260B	08/01/2011 18:39	08/01/2011 18:39	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.1	14	2	EPA SW846-8260B	08/01/2011 18:39	08/01/2011 18:39	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	1.0	14	2	EPA SW846-8260B	08/01/2011 18:39	08/01/2011 18:39	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.2	14	2	EPA SW846-8260B	08/01/2011 18:39	08/01/2011 18:39	SS
67-66-3	Chloroform	ND		ug/kg dry	1.1	14	2	EPA SW846-8260B	08/01/2011 18:39	08/01/2011 18:39	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.6	14	2	EPA SW846-8260B	08/01/2011 18:39	08/01/2011 18:39	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.8	14	2	EPA SW846-8260B	08/01/2011 18:39	08/01/2011 18:39	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1.0	14	2	EPA SW846-8260B	08/01/2011 18:39	08/01/2011 18:39	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.0	14	2	EPA SW846-8260B	08/01/2011 18:39	08/01/2011 18:39	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.4	14	2	EPA SW846-8260B	08/01/2011 18:39	08/01/2011 18:39	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.0	14	2	EPA SW846-8260B	08/01/2011 18:39	08/01/2011 18:39	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.1	14	2	EPA SW846-8260B	08/01/2011 18:39	08/01/2011 18:39	SS
75-09-2	**Methylene chloride**	**31**	B	ug/kg dry	3.1	27	2	EPA SW846-8260B	08/01/2011 18:39	08/01/2011 18:39	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.5	14	2	EPA SW846-8260B	08/01/2011 18:39	08/01/2011 18:39	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	1.6	27	2	EPA SW846-8260B	08/01/2011 18:39	08/01/2011 18:39	SS

Sample Information

Client Sample ID: WC-1 **York Sample ID:** 11G0830-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0830	170150101	Soil	July 26, 2011 10:00 am	07/26/2011

Volatile Organics, TCL (Target Compound List)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/kg dry	1.3	14	2	EPA SW846-8260B	08/01/2011 18:39	08/01/2011 18:39	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.5	14	2	EPA SW846-8260B	08/01/2011 18:39	08/01/2011 18:39	SS
108-88-3	Toluene	ND		ug/kg dry	0.68	14	2	EPA SW846-8260B	08/01/2011 18:39	08/01/2011 18:39	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.9	14	2	EPA SW846-8260B	08/01/2011 18:39	08/01/2011 18:39	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.0	14	2	EPA SW846-8260B	08/01/2011 18:39	08/01/2011 18:39	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.7	14	2	EPA SW846-8260B	08/01/2011 18:39	08/01/2011 18:39	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.7	14	2	EPA SW846-8260B	08/01/2011 18:39	08/01/2011 18:39	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.9	14	2	EPA SW846-8260B	08/01/2011 18:39	08/01/2011 18:39	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	3.1	41	2	EPA SW846-8260B	08/01/2011 18:39	08/01/2011 18:39	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*106 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*96.3 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*100 %*	*86.6-116*

Volatile Organics, TCLP RCRA List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	13	50	10	EPA SW846-8260B/1311	08/02/2011 12:49	08/02/2011 13:50	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	6.5	50	10	EPA SW846-8260B/1311	08/02/2011 12:49	08/02/2011 13:50	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	6.8	50	10	EPA SW846-8260B/1311	08/02/2011 12:49	08/02/2011 13:50	SS
78-93-3	2-Butanone	ND		ug/L	26	100	10	EPA SW846-8260B/1311	08/02/2011 12:49	08/02/2011 13:50	SS
71-43-2	Benzene	ND		ug/L	4.8	50	10	EPA SW846-8260B/1311	08/02/2011 12:49	08/02/2011 13:50	SS
56-23-5	Carbon tetrachloride	ND		ug/L	10	50	10	EPA SW846-8260B/1311	08/02/2011 12:49	08/02/2011 13:50	SS
108-90-7	Chlorobenzene	ND		ug/L	3.5	50	10	EPA SW846-8260B/1311	08/02/2011 12:49	08/02/2011 13:50	SS
67-66-3	Chloroform	ND		ug/L	3.6	50	10	EPA SW846-8260B/1311	08/02/2011 12:49	08/02/2011 13:50	SS
127-18-4	Tetrachloroethylene	ND		ug/L	5.2	50	10	EPA SW846-8260B/1311	08/02/2011 12:49	08/02/2011 13:50	SS
79-01-6	Trichloroethylene	ND		ug/L	5.7	50	10	EPA SW846-8260B/1311	08/02/2011 12:49	08/02/2011 13:50	SS
75-01-4	Vinyl Chloride	ND		ug/L	9.7	50	10	EPA SW846-8260B/1311	08/02/2011 12:49	08/02/2011 13:50	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*93.1 %*	*70-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*103 %*	*70-130*
2037-26-5	*Surrogate: Toluene-d8*	*90.6 %*	*70-130*

Sample Information

Client Sample ID: WC-1 **York Sample ID:** 11G0830-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0830	170150101	Soil	July 26, 2011 10:00 am	07/26/2011

Semi-Volatiles, EPA TCL List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	372	683	1	EPA SW846-8270C	08/04/2011 11:18	08/04/2011 21:54	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	299	683	1	EPA SW846-8270C	08/04/2011 11:18	08/04/2011 21:54	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	325	683	1	EPA SW846-8270C	08/04/2011 11:18	08/04/2011 21:54	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	234	683	1	EPA SW846-8270C	08/04/2011 11:18	08/04/2011 21:54	TD
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	186	683	1	EPA SW846-8270C	08/04/2011 11:18	08/04/2011 21:54	TD
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	334	683	1	EPA SW846-8270C	08/04/2011 11:18	08/04/2011 21:54	TD
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	279	683	1	EPA SW846-8270C	08/04/2011 11:18	08/04/2011 21:54	TD
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	219	683	1	EPA SW846-8270C	08/04/2011 11:18	08/04/2011 21:54	TD
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	573	1370	1	EPA SW846-8270C	08/04/2011 11:18	08/04/2011 21:54	TD
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	299	683	1	EPA SW846-8270C	08/04/2011 11:18	08/04/2011 21:54	TD
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	325	683	1	EPA SW846-8270C	08/04/2011 11:18	08/04/2011 21:54	TD
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	208	683	1	EPA SW846-8270C	08/04/2011 11:18	08/04/2011 21:54	TD
95-57-8	2-Chlorophenol	ND		ug/kg dry	398	683	1	EPA SW846-8270C	08/04/2011 11:18	08/04/2011 21:54	TD
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	238	683	1	EPA SW846-8270C	08/04/2011 11:18	08/04/2011 21:54	TD
95-48-7	2-Methylphenol	ND		ug/kg dry	251	683	1	EPA SW846-8270C	08/04/2011 11:18	08/04/2011 21:54	TD
88-74-4	2-Nitroaniline	ND		ug/kg dry	354	683	1	EPA SW846-8270C	08/04/2011 11:18	08/04/2011 21:54	TD
88-75-5	2-Nitrophenol	ND		ug/kg dry	234	683	1	EPA SW846-8270C	08/04/2011 11:18	08/04/2011 21:54	TD
100-01-6	3- & 4-Methylphenols	ND		ug/kg dry	307	683	1	EPA SW846-8270C	08/04/2011 11:18	08/04/2011 21:54	TD
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	172	683	1	EPA SW846-8270C	08/04/2011 11:18	08/04/2011 21:54	TD
99-09-2	3-Nitroaniline	ND		ug/kg dry	247	683	1	EPA SW846-8270C	08/04/2011 11:18	08/04/2011 21:54	TD
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	516	1370	1	EPA SW846-8270C	08/04/2011 11:18	08/04/2011 21:54	TD
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	285	683	1	EPA SW846-8270C	08/04/2011 11:18	08/04/2011 21:54	TD
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	73.6	683	1	EPA SW846-8270C	08/04/2011 11:18	08/04/2011 21:54	TD
106-47-8	4-Chloroaniline	ND		ug/kg dry	270	683	1	EPA SW846-8270C	08/04/2011 11:18	08/04/2011 21:54	TD
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	197	683	1	EPA SW846-8270C	08/04/2011 11:18	08/04/2011 21:54	TD
100-02-7	4-Nitroaniline	ND		ug/kg dry	227	683	1	EPA SW846-8270C	08/04/2011 11:18	08/04/2011 21:54	TD
56-57-5	4-Nitrophenol	ND		ug/kg dry	247	683	1	EPA SW846-8270C	08/04/2011 11:18	08/04/2011 21:54	TD
83-32-9	Acenaphthene	ND		ug/kg dry	396	683	1	EPA SW846-8270C	08/04/2011 11:18	08/04/2011 21:54	TD
208-96-8	Acenaphthylene	ND		ug/kg dry	191	683	1	EPA SW846-8270C	08/04/2011 11:18	08/04/2011 21:54	TD
120-12-7	Anthracene	ND		ug/kg dry	169	683	1	EPA SW846-8270C	08/04/2011 11:18	08/04/2011 21:54	TD
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	264	683	1	EPA SW846-8270C	08/04/2011 11:18	08/04/2011 21:54	TD
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	178	683	1	EPA SW846-8270C	08/04/2011 11:18	08/04/2011 21:54	TD
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	260	683	1	EPA SW846-8270C	08/04/2011 11:18	08/04/2011 21:54	TD
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	205	683	1	EPA SW846-8270C	08/04/2011 11:18	08/04/2011 21:54	TD
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	264	683	1	EPA SW846-8270C	08/04/2011 11:18	08/04/2011 21:54	TD

Sample Information

Client Sample ID: WC-1 **York Sample ID:** 11G0830-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0830	170150101	Soil	July 26, 2011 10:00 am	07/26/2011

Semi-Volatiles, EPA TCL List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65-85-0	Benzoic acid	ND		ug/kg dry	467	1370	1	EPA SW846-8270C	08/04/2011 11:18	08/04/2011 21:54	TD
100-51-6	Benzyl alcohol	ND		ug/kg dry	221	683	1	EPA SW846-8270C	08/04/2011 11:18	08/04/2011 21:54	TD
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	285	683	1	EPA SW846-8270C	08/04/2011 11:18	08/04/2011 21:54	TD
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	252	683	1	EPA SW846-8270C	08/04/2011 11:18	08/04/2011 21:54	TD
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	232	683	1	EPA SW846-8270C	08/04/2011 11:18	08/04/2011 21:54	TD
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	254	683	1	EPA SW846-8270C	08/04/2011 11:18	08/04/2011 21:54	TD
117-81-7	**Bis(2-ethylhexyl)phthalate**	**632**	J	ug/kg dry	229	683	1	EPA SW846-8270C	08/04/2011 11:18	08/04/2011 21:54	TD
218-01-9	Chrysene	ND		ug/kg dry	275	683	1	EPA SW846-8270C	08/04/2011 11:18	08/04/2011 21:54	TD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	173	683	1	EPA SW846-8270C	08/04/2011 11:18	08/04/2011 21:54	TD
132-64-9	Dibenzofuran	ND		ug/kg dry	220	683	1	EPA SW846-8270C	08/04/2011 11:18	08/04/2011 21:54	TD
84-66-2	Diethyl phthalate	ND		ug/kg dry	358	683	1	EPA SW846-8270C	08/04/2011 11:18	08/04/2011 21:54	TD
131-11-3	Dimethyl phthalate	ND		ug/kg dry	197	683	1	EPA SW846-8270C	08/04/2011 11:18	08/04/2011 21:54	TD
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	204	683	1	EPA SW846-8270C	08/04/2011 11:18	08/04/2011 21:54	TD
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	307	683	1	EPA SW846-8270C	08/04/2011 11:18	08/04/2011 21:54	TD
206-44-0	Fluoranthene	ND		ug/kg dry	396	683	1	EPA SW846-8270C	08/04/2011 11:18	08/04/2011 21:54	TD
86-73-7	Fluorene	ND		ug/kg dry	191	683	1	EPA SW846-8270C	08/04/2011 11:18	08/04/2011 21:54	TD
118-74-1	Hexachlorobenzene	ND		ug/kg dry	111	683	1	EPA SW846-8270C	08/04/2011 11:18	08/04/2011 21:54	TD
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	273	683	1	EPA SW846-8270C	08/04/2011 11:18	08/04/2011 21:54	TD
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	508	683	1	EPA SW846-8270C	08/04/2011 11:18	08/04/2011 21:54	TD
67-72-1	Hexachloroethane	ND		ug/kg dry	246	683	1	EPA SW846-8270C	08/04/2011 11:18	08/04/2011 21:54	TD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	252	683	1	EPA SW846-8270C	08/04/2011 11:18	08/04/2011 21:54	TD
78-59-1	Isophorone	ND		ug/kg dry	254	683	1	EPA SW846-8270C	08/04/2011 11:18	08/04/2011 21:54	TD
91-20-3	Naphthalene	ND		ug/kg dry	204	683	1	EPA SW846-8270C	08/04/2011 11:18	08/04/2011 21:54	TD
98-95-3	Nitrobenzene	ND		ug/kg dry	307	683	1	EPA SW846-8270C	08/04/2011 11:18	08/04/2011 21:54	TD
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	178	683	1	EPA SW846-8270C	08/04/2011 11:18	08/04/2011 21:54	TD
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	396	683	1	EPA SW846-8270C	08/04/2011 11:18	08/04/2011 21:54	TD
87-86-5	Pentachlorophenol	ND		ug/kg dry	191	683	1	EPA SW846-8270C	08/04/2011 11:18	08/04/2011 21:54	TD
85-01-8	Phenanthrene	ND		ug/kg dry	252	683	1	EPA SW846-8270C	08/04/2011 11:18	08/04/2011 21:54	TD
108-95-2	Phenol	ND		ug/kg dry	273	683	1	EPA SW846-8270C	08/04/2011 11:18	08/04/2011 21:54	TD
129-00-0	Pyrene	ND		ug/kg dry	245	683	1	EPA SW846-8270C	08/04/2011 11:18	08/04/2011 21:54	TD

	Surrogate Recoveries	Result	Acceptance Range
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*63.7 %*	*15-110*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*37.4 %*	*30-130*
367-12-4	*Surrogate: 2-Fluorophenol*	*47.7 %*	*15-110*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*33.0 %*	*30-130*
4165-62-2	*Surrogate: Phenol-d5*	*46.0 %*	*15-110*

Sample Information

Client Sample ID: WC-1 **York Sample ID:** 11G0830-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0830	170150101	Soil	July 26, 2011 10:00 am	07/26/2011

Semi-Volatiles, EPA TCL List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1718-51-0	*Surrogate: Terphenyl-d14*	*65.3 %*			*30-130*						

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	6.45	10.0	1	EPA SW846- 8270C/1311	07/28/2011 11:31	07/29/2011 12:39	TD
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	7.22	10.0	1	EPA SW846- 8270C/1311	07/28/2011 11:31	07/29/2011 12:39	TD
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	6.54	10.0	1	EPA SW846- 8270C/1311	07/28/2011 11:31	07/29/2011 12:39	TD
121-14-2	2,4-Dinitrotoluene	ND		ug/L	4.73	10.0	1	EPA SW846- 8270C/1311	07/28/2011 11:31	07/29/2011 12:39	TD
95-48-7	2-Methylphenol	ND		ug/L	1.71	10.0	1	EPA SW846- 8270C/1311	07/28/2011 11:31	07/29/2011 12:39	TD
100-01-6	3- & 4-Methylphenols	ND		ug/L	7.43	10.0	1	EPA SW846- 8270C/1311	07/28/2011 11:31	07/29/2011 12:39	TD
1319-77-3	Cresols, total	ND		ug/L	23.2	30.0	1	EPA SW846- 8270C/1311	07/28/2011 11:31	07/29/2011 12:39	TD
118-74-1	Hexachlorobenzene	ND		ug/L	5.91	10.0	1	EPA SW846- 8270C/1311	07/28/2011 11:31	07/29/2011 12:39	TD
87-68-3	Hexachlorobutadiene	ND		ug/L	6.62	10.0	1	EPA SW846- 8270C/1311	07/28/2011 11:31	07/29/2011 12:39	TD
67-72-1	Hexachloroethane	ND		ug/L	7.26	10.0	1	EPA SW846- 8270C/1311	07/28/2011 11:31	07/29/2011 12:39	TD
98-95-3	Nitrobenzene	ND		ug/L	3.93	10.0	1	EPA SW846- 8270C/1311	07/28/2011 11:31	07/29/2011 12:39	TD
87-86-5	Pentachlorophenol	ND		ug/L	7.53	10.0	1	EPA SW846- 8270C/1311	07/28/2011 11:31	07/29/2011 12:39	TD
110-86-1	Pyridine	ND		ug/L	6.37	10.0	1	EPA SW846- 8270C/1311	07/28/2011 11:31	07/29/2011 12:39	TD
	Surrogate Recoveries	**Result**			**Acceptance Range**						
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*32.1 %*			*15-110*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*34.9 %*			*30-130*						
367-12-4	*Surrogate: 2-Fluorophenol*	*14.1 %*	*S-04*		*15-110*						
4165-60-0	*Surrogate: Nitrobenzene-d5*	*35.4 %*			*30-130*						
4165-62-2	*Surrogate: Phenol-d5*	*7.96 %*	*S-04*		*10-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*39.0 %*			*30-130*						

Pesticides, 8081 target list

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	4.41	9.90	10	EPA SW 846-8081	08/04/2011 09:25	08/04/2011 17:54	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	5.67	9.90	10	EPA SW 846-8081	08/04/2011 09:25	08/04/2011 17:54	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	4.44	9.90	10	EPA SW 846-8081	08/04/2011 09:25	08/04/2011 17:54	JW
309-00-2	Aldrin	ND		ug/kg dry	6.33	9.90	10	EPA SW 846-8081	08/04/2011 09:25	08/04/2011 17:54	JW
319-84-6	alpha-BHC	ND		ug/kg dry	7.47	9.90	10	EPA SW 846-8081	08/04/2011 09:25	08/04/2011 17:54	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	5.58	9.90	10	EPA SW 846-8081	08/04/2011 09:25	08/04/2011 17:54	JW
319-85-7	beta-BHC	ND		ug/kg dry	6.24	9.90	10	EPA SW 846-8081	08/04/2011 09:25	08/04/2011 17:54	JW
319-86-8	delta-BHC	ND		ug/kg dry	5.40	9.90	10	EPA SW 846-8081	08/04/2011 09:25	08/04/2011 17:54	JW
60-57-1	Dieldrin	ND		ug/kg dry	5.85	9.90	10	EPA SW 846-8081	08/04/2011 09:25	08/04/2011 17:54	JW

Sample Information

Client Sample ID: WC-1 **York Sample ID:** 11G0830-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0830	170150101	Soil	July 26, 2011 10:00 am	07/26/2011

Pesticides, 8081 target list

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
959-98-8	Endosulfan I	ND		ug/kg dry	4.80	9.90	10	EPA SW 846-8081	08/04/2011 09:25	08/04/2011 17:54	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	6.06	9.90	10	EPA SW 846-8081	08/04/2011 09:25	08/04/2011 17:54	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	5.07	9.90	10	EPA SW 846-8081	08/04/2011 09:25	08/04/2011 17:54	JW
72-20-8	Endrin	ND		ug/kg dry	6.00	9.90	10	EPA SW 846-8081	08/04/2011 09:25	08/04/2011 17:54	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	6.66	9.90	10	EPA SW 846-8081	08/04/2011 09:25	08/04/2011 17:54	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	4.35	9.90	10	EPA SW 846-8081	08/04/2011 09:25	08/04/2011 17:54	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	6.87	9.90	10	EPA SW 846-8081	08/04/2011 09:25	08/04/2011 17:54	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	4.35	9.90	10	EPA SW 846-8081	08/04/2011 09:25	08/04/2011 17:54	JW
76-44-8	Heptachlor	ND		ug/kg dry	7.89	9.90	10	EPA SW 846-8081	08/04/2011 09:25	08/04/2011 17:54	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	4.35	9.90	10	EPA SW 846-8081	08/04/2011 09:25	08/04/2011 17:54	JW
72-43-5	Methoxychlor	ND		ug/kg dry	25.5	49.5	10	EPA SW 846-8081	08/04/2011 09:25	08/04/2011 17:54	JW
8001-35-2	Toxaphene	ND		ug/kg dry	429	990	10	EPA SW 846-8081	08/04/2011 09:25	08/04/2011 17:54	JW

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*71.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*79.5 %*	*30-150*

Pesticides, TCLP RCRA List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	Chlordane, total	ND		ug/L	0.0114	0.0114	1	EPA SW 846-8081/1311	08/01/2011 07:55	08/01/2011 20:16	JW
72-20-8	Endrin	ND		ug/L	0.00269	0.00286	1	EPA SW 846-8081/1311	08/01/2011 07:55	08/01/2011 20:16	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00274	0.00286	1	EPA SW 846-8081/1311	08/01/2011 07:55	08/01/2011 20:16	JW
76-44-8	Heptachlor	ND		ug/L	0.00271	0.00286	1	EPA SW 846-8081/1311	08/01/2011 07:55	08/01/2011 20:16	JW
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00214	0.00286	1	EPA SW 846-8081/1311	08/01/2011 07:55	08/01/2011 20:16	JW
72-43-5	Methoxychlor	ND		ug/L	0.00560	0.0143	1	EPA SW 846-8081/1311	08/01/2011 07:55	08/01/2011 20:16	JW
8001-35-2	Toxaphene	ND		ug/L	0.286	0.286	1	EPA SW 846-8081/1311	08/01/2011 07:55	08/01/2011 20:16	JW

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*45.2 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*65.9 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0324	0.0696	1	EPA SW 846-8082	08/04/2011 09:25	08/04/2011 18:54	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0324	0.0696	1	EPA SW 846-8082	08/04/2011 09:25	08/04/2011 18:54	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0324	0.0696	1	EPA SW 846-8082	08/04/2011 09:25	08/04/2011 18:54	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0324	0.0696	1	EPA SW 846-8082	08/04/2011 09:25	08/04/2011 18:54	JW

Sample Information

Client Sample ID: WC-1 **York Sample ID:** 11G0830-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0830	170150101	Soil	July 26, 2011 10:00 am	07/26/2011

Polychlorinated Biphenyls (PCB)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0324	0.0696	1	EPA SW 846-8082	08/04/2011 09:25	08/04/2011 18:54	JW
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0278	0.0696	1	EPA SW 846-8082	08/04/2011 09:25	08/04/2011 18:54	JW
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0278	0.0696	1	EPA SW 846-8082	08/04/2011 09:25	08/04/2011 18:54	JW
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0278	0.0696	1	EPA SW 846-8082	08/04/2011 09:25	08/04/2011 18:54	JW
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0278	0.0696	1	EPA SW 846-8082	08/04/2011 09:25	08/04/2011 18:54	JW
1336-36-3	Total PCBs	ND		mg/kg dry	0.0278	0.0696	1	EPA SW 846-8082	08/04/2011 09:25	08/04/2011 18:54	JW

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*64.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*69.0 %*	*30-150*

Herbicides, Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/kg dry	81.9	137	1	EPA SW846-8151B	08/02/2011 08:17	08/02/2011 14:00	JW
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	88.7	137	1	EPA SW846-8151B	08/02/2011 08:17	08/02/2011 14:00	JW
94-75-7	2,4-D	ND		ug/kg dry	98.3	137	1	EPA SW846-8151B	08/02/2011 08:17	08/02/2011 14:00	JW

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acia*	*146 %*	*10-148*

Herbicides, TCLP Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	0.0180	5.00	1	EPA SW846-8151B/1311	08/01/2011 08:24	08/02/2011 00:00	JW
94-75-7	2,4-D	ND		ug/L	0.0197	5.00	1	EPA SW846-8151B/1311	08/01/2011 08:24	08/02/2011 00:00	JW

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acia*	*125 %*	*30-150*

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW 846-3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**13600**		mg/kg dry	1.72	2.73	1	EPA SW846-6010B	08/01/2011 15:38	08/02/2011 01:07	MW
7440-36-0	**Antimony**	**1.89**		mg/kg dry	0.191	0.683	1	EPA SW846-6010B	08/01/2011 15:38	08/02/2011 01:07	MW
7440-38-2	**Arsenic**	**10.1**		mg/kg dry	0.259	0.683	1	EPA SW846-6010B	08/01/2011 15:38	08/02/2011 01:07	MW
7440-39-3	**Barium**	**357**		mg/kg dry	0.328	0.683	1	EPA SW846-6010B	08/01/2011 15:38	08/02/2011 01:07	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.011	0.014	1	EPA SW846-6010B	08/01/2011 15:38	08/02/2011 01:07	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.177	0.683	1	EPA SW846-6010B	08/01/2011 15:38	08/02/2011 01:07	MW
7440-70-2	**Calcium**	**5370**		mg/kg dry	0.059	2.73	1	EPA SW846-6010B	08/01/2011 15:38	08/02/2011 01:07	MW
7440-47-3	**Chromium**	**30.9**		mg/kg dry	0.109	0.683	1	EPA SW846-6010B	08/01/2011 15:38	08/02/2011 01:07	MW
7440-48-4	**Cobalt**	**9.55**		mg/kg dry	0.109	0.683	1	EPA SW846-6010B	08/01/2011 15:38	08/02/2011 01:07	MW

Sample Information

Client Sample ID: WC-1 **York Sample ID:** 11G0830-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0830	170150101	Soil	July 26, 2011 10:00 am	07/26/2011

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW 846-3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**260**		mg/kg dry	0.191	0.683	1	EPA SW846-6010B	08/01/2011 15:38	08/02/2011 01:07	MW
7439-89-6	**Iron**	**29800**		mg/kg dry	0.751	1.37	1	EPA SW846-6010B	08/01/2011 15:38	08/02/2011 01:07	MW
7439-92-1	**Lead**	**1580**		mg/kg dry	0.137	0.410	1	EPA SW846-6010B	08/01/2011 15:38	08/02/2011 01:07	MW
7439-95-4	**Magnesium**	**3670**		mg/kg dry	1.12	2.73	1	EPA SW846-6010B	08/01/2011 15:38	08/02/2011 01:07	MW
7439-96-5	**Manganese**	**575**		mg/kg dry	0.109	1.37	1	EPA SW846-6010B	08/01/2011 15:38	08/02/2011 01:07	MW
7440-02-0	**Nickel**	**32.2**		mg/kg dry	0.096	0.683	1	EPA SW846-6010B	08/01/2011 15:38	08/02/2011 01:07	MW
7440-09-7	**Potassium**	**2310**		mg/kg dry	3.71	13.7	1	EPA SW846-6010B	08/01/2011 15:38	08/02/2011 01:07	MW
7782-49-2	**Selenium**	**4.35**		mg/kg dry	0.288	0.683	1	EPA SW846-6010B	08/01/2011 15:38	08/02/2011 01:07	MW
7440-22-4	Silver	ND		mg/kg dry	0.123	0.683	1	EPA SW846-6010B	08/01/2011 15:38	08/02/2011 01:07	MW
7440-23-5	**Sodium**	**223**		mg/kg dry	9.17	13.7	1	EPA SW846-6010B	08/01/2011 15:38	08/02/2011 01:07	MW
7440-28-0	Thallium	ND		mg/kg dry	0.259	0.683	1	EPA SW846-6010B	08/01/2011 15:38	08/02/2011 01:07	MW
7440-62-2	**Vanadium**	**38.7**		mg/kg dry	0.109	0.683	1	EPA SW846-6010B	08/01/2011 15:38	08/02/2011 01:07	MW
7440-66-6	**Zinc**	**422**		mg/kg dry	0.096	0.683	1	EPA SW846-6010B	08/01/2011 15:38	08/02/2011 01:07	MW

Metals, TCLP RCRA

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW 846-3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**0.012**		mg/L	0.001	0.010	1	EPA SW846-6010B/1311	08/01/2011 15:48	08/02/2011 06:01	MW
7440-39-3	**Barium**	**1.20**		mg/L	0.004	0.010	1	EPA SW846-6010B/1311	08/01/2011 15:48	08/02/2011 06:01	MW
7440-43-9	Cadmium	ND		mg/L	0.001	0.003	1	EPA SW846-6010B/1311	08/01/2011 15:48	08/02/2011 06:01	MW
7440-47-3	Chromium	ND		mg/L	0.0009	0.005	1	EPA SW846-6010B/1311	08/01/2011 15:48	08/02/2011 06:01	MW
7439-92-1	**Lead**	**0.130**		mg/L	0.001	0.003	1	EPA SW846-6010B/1311	08/01/2011 15:48	08/02/2011 06:01	MW
7782-49-2	Selenium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B/1311	08/01/2011 15:48	08/02/2011 06:01	MW
7440-22-4	Silver	ND		mg/L	0.001	0.005	1	EPA SW846-6010B/1311	08/01/2011 15:48	08/02/2011 06:01	MW

Mercury by 7470/7471

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.132	0.137	1	EPA SW846-7471	07/29/2011 11:28	07/29/2011 11:28	AA

Mercury, TCLP

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00003	9000.0002000	1	EPA SW846-7470/1311	08/01/2011 13:33	08/01/2011 13:33	AA

Sample Information

Client Sample ID: WC-1 **York Sample ID:** 11G0830-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0830	170150101	Soil	July 26, 2011 10:00 am	07/26/2011

Ignitability

Log-in Notes: Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Ignitability	Non-Ignit.		P/F			1	EPA SW846-1030P	07/27/2011 13:29	07/27/2011 13:29	AD

Total Solids

Log-in Notes: Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**73.3**		%	0.100	0.100	1	SM 2540G	08/01/2011 12:16	08/01/2011 12:16	MZ

pH

Log-in Notes: Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	**7.98**		pH units		0.500	1	SM 4500 H+B	07/27/2011 16:20	07/27/2011 16:20	MZ

Reactivity-Cyanide

Log-in Notes: Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Reactivity - Cyanide	ND		mg/kg	0.250	0.250	1	EPA SW-846 Ch.7.3.3	08/02/2011 13:04	08/02/2011 13:04	AD

Reactivity-Sulfide

Log-in Notes: Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Reactivity - Sulfide	ND		mg/kg	15.0	15.0	1	EPA SW846 Ch.7.3.4	08/02/2011 14:23	08/02/2011 14:23	AD

Analytical Batch Summary

Batch ID: BG10978 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
11G0830-09	WC-1	07/27/11

Batch ID: BG10981 **Preparation Method:** Analysis Preparation **Prepared By:** MZ

YORK Sample ID	Client Sample ID	Preparation Date
11G0830-09	WC-1	07/27/11
BG10981-DUP1	Duplicate	07/27/11

Batch ID: BG11026 **Preparation Method:** EPA 3510C **Prepared By:** KAM

YORK Sample ID	Client Sample ID	Preparation Date
11G0830-09	WC-1	07/28/11
BG11026-BLK1	Blank	07/28/11
BG11026-BS1	LCS	07/28/11
BG11026-BSD1	LCS Dup	07/28/11

Batch ID: BG11039 **Preparation Method:** EPA SW846-7471 **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
11G0830-09	WC-1	07/29/11
BG11039-BLK1	Blank	07/29/11
BG11039-BS1	LCS	07/29/11

Batch ID: BG11066 **Preparation Method:** EPA SW846-7470 **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
11G0830-09	WC-1	08/01/11
BG11066-BLK1	Blank	08/01/11
BG11066-BS1	LCS	08/01/11

Batch ID: BH10001 **Preparation Method:** % Solids Prep **Prepared By:** CC

YORK Sample ID	Client Sample ID	Preparation Date
11G0830-01	B-3 (0-2')	08/01/11
11G0830-02	B-5 (0-2')	08/01/11
11G0830-03	B-6 (0-2')	08/01/11
11G0830-04	B-7 (0-2')	08/01/11
11G0830-05	B-8 (0-2')	08/01/11
11G0830-06	B-9 (0-2')	08/01/11
11G0830-07	B-10 (0-2')	08/01/11
11G0830-08	B-11 (0-2')	08/01/11
11G0830-09	WC-1	08/01/11

Batch ID: BH10008 **Preparation Method:** EPA 3510C **Prepared By:** KAM

YORK Sample ID	Client Sample ID	Preparation Date
11G0830-09	WC-1	08/01/11
BH10008-BLK1	Blank	08/01/11
BH10008-BS1	LCS	08/01/11
BH10008-BSD1	LCS Dup	08/01/11

Batch ID: BH10032 **Preparation Method:** EPA 5035B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
11G0830-09	WC-1	08/01/11
BH10032-BLK1	Blank	08/01/11
BH10032-BS1	LCS	08/01/11
BH10032-BSD1	LCS Dup	08/01/11

Batch ID: BH10051 **Preparation Method:** EPA SW 846-3050B **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
11G0830-09	WC-1	08/01/11
BH10051-BLK1	Blank	08/01/11
BH10051-SRM1	Reference	08/01/11

Batch ID: BH10053 **Preparation Method:** EPA SW 846-3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
11G0830-01	B-3 (0-2')	08/01/11
11G0830-02	B-5 (0-2')	08/01/11
11G0830-03	B-6 (0-2')	08/01/11
11G0830-04	B-7 (0-2')	08/01/11
11G0830-05	B-8 (0-2')	08/01/11
11G0830-06	B-9 (0-2')	08/01/11
11G0830-07	B-10 (0-2')	08/01/11
11G0830-08	B-11 (0-2')	08/01/11
11G0830-09	WC-1	08/01/11
BH10053-BLK1	Blank	08/01/11
BH10053-BLK1	Blank	08/01/11
BH10053-BLK2	Blank	08/01/11
BH10053-BLK2	Blank	08/01/11
BH10053-DUP1	Duplicate	08/01/11
BH10053-DUP1	Duplicate	08/01/11
BH10053-MS1	Matrix Spike	08/01/11
BH10053-MS1	Matrix Spike	08/01/11
BH10053-SRM1	Reference	08/01/11
BH10053-SRM1	Reference	08/01/11

Batch ID: BH10066 **Preparation Method:** EPA 3550B/8151A **Prepared By:** TFD

YORK Sample ID	Client Sample ID	Preparation Date
11G0830-09	WC-1	08/02/11
BH10066-BLK1	Blank	08/02/11

BH10066-BS1	LCS	08/02/11
BH10066-BSD1	LCS Dup	08/02/11

Batch ID: BH10067 **Preparation Method:** EPA 3535A **Prepared By:** TFD

YORK Sample ID	Client Sample ID	Preparation Date
11G0830-09	WC-1	08/01/11
BH10067-BLK1	Blank	08/01/11
BH10067-BS1	LCS	08/01/11
BH10067-BSD1	LCS Dup	08/01/11

Batch ID: BH10077 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
11G0830-09	WC-1	08/02/11
BH10077-BLK1	Blank	08/02/11

Batch ID: BH10097 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
11G0830-09	WC-1	08/02/11
BH10097-BLK1	Blank	08/02/11
BH10097-BLK2	Blank	08/02/11

Batch ID: BH10098 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
11G0830-09	WC-1	08/02/11
BH10098-BLK1	Blank	08/02/11

Batch ID: BH10207 **Preparation Method:** EPA 3550B **Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
11G0830-09	WC-1	08/04/11
11G0830-09	WC-1	08/04/11
BH10207-BLK1	Blank	08/04/11
BH10207-BLK1	Blank	08/04/11
BH10207-BS2	LCS	08/04/11

Batch ID: BH10214 **Preparation Method:** EPA 3550B **Prepared By:** TFD

YORK Sample ID	Client Sample ID	Preparation Date
11G0830-09	WC-1	08/04/11
BH10214-BLK1	Blank	08/04/11
BH10214-BS1	LCS	08/04/11

Batch ID: BH10227 **Preparation Method:** EPA 3550B **Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
11G0830-01	B-3 (0-2')	08/04/11
11G0830-02	B-5 (0-2')	08/04/11
11G0830-03	B-6 (0-2')	08/04/11
11G0830-04	B-7 (0-2')	08/04/11
11G0830-05	B-8 (0-2')	08/04/11
11G0830-06	B-9 (0-2')	08/04/11
11G0830-07	B-10 (0-2')	08/04/11
11G0830-08	B-11 (0-2')	08/04/11
BH10227-BLK1	Blank	08/04/11
BH10227-BS1	LCS	08/04/11

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH10032 - EPA 5035B											
Blank (BH10032-BLK1)						Prepared & Analyzed: 08/01/2011					
1,1,1-Trichloroethane	ND	5.0	ug/kg wet								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	10	"								
1,2-Dibromo-3-chloropropane	ND	10	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
2-Butanone	ND	10	"								
2-Hexanone	ND	5.0	"								
4-Methyl-2-pentanone	ND	5.0	"								
Acetone	3.8	10	"								
Benzene	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon disulfide	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	7.4	10	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
Styrene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: 1,2-Dichloroethane-d4	*51.2*		*ug/L*	*50.0*		*102*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*47.9*		*"*	*50.0*		*95.8*	*63.5-145*				
Surrogate: Toluene-d8	*49.5*		*"*	*50.0*		*99.0*	*86.6-116*				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH10032 - EPA 5035B											
LCS (BH10032-BS1)						Prepared & Analyzed: 08/01/2011					
1,1,1-Trichloroethane	56		ug/L	50.0		112	72.6-137				
1,1,2,2-Tetrachloroethane	50		"	50.0		101	65.4-135				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	53		"	50.0		106	67.8-129				
1,1,2-Trichloroethane	54		"	50.0		109	68.6-132				
1,1-Dichloroethane	56		"	50.0		112	71.7-131				
1,1-Dichloroethylene	56		"	50.0		113	74.4-148				
1,2,4-Trichlorobenzene	55		"	50.0		110	65-139				
1,2-Dibromo-3-chloropropane	49		"	50.0		98.1	53.3-149				
1,2-Dibromoethane	58		"	50.0		116	72.7-134				
1,2-Dichloroethane	56		"	50.0		113	68.7-136				
1,2-Dichloropropane	55		"	50.0		110	68.2-136				
2-Butanone	51		"	50.0		102	51.9-137				
2-Hexanone	45		"	50.0		90.8	51.6-150				
4-Methyl-2-pentanone	50		"	50.0		99.9	50.6-142				
Acetone	27		"	50.0		53.0	16-155				
Benzene	54		"	50.0		109	70.4-128				
Bromodichloromethane	56		"	50.0		112	70.6-136				
Bromoform	53		"	50.0		106	63.2-139				
Bromomethane	24		"	50.0		48.8	50.2-135	Low Bias			
Carbon disulfide	100		"	100		100	40.4-124				
Carbon tetrachloride	58		"	50.0		115	71.9-140				
Chlorobenzene	55		"	50.0		111	76.4-127				
Chloroethane	50		"	50.0		101	50.8-142				
Chloroform	57		"	50.0		113	73.6-132				
Chloromethane	43		"	50.0		86.9	32.9-131				
cis-1,2-Dichloroethylene	56		"	50.0		112	69.5-128				
cis-1,3-Dichloropropylene	53		"	50.0		107	66.6-129				
Dibromochloromethane	56		"	50.0		112	71.4-135				
Dichlorodifluoromethane	38		"	50.0		76.7	39.4-108				
Ethyl Benzene	56		"	50.0		112	75.2-131				
Methyl tert-butyl ether (MTBE)	55		"	50.0		110	56.5-140				
Methylene chloride	37		"	50.0		73.6	58.4-120				
o-Xylene	53		"	50.0		107	70.4-126				
p- & m- Xylenes	110		"	100		111	73.8-130				
Styrene	54		"	50.0		108	71.7-126				
Tetrachloroethylene	60		"	50.0		120	65-168				
Toluene	54		"	50.0		109	72.5-127				
trans-1,2-Dichloroethylene	55		"	50.0		110	62.2-144				
trans-1,3-Dichloropropylene	54		"	50.0		108	66-135				
Trichloroethylene	55		"	50.0		109	72.6-133				
Trichlorofluoromethane	48		"	50.0		96.7	51.5-131				
Vinyl Chloride	44		"	50.0		88.8	47-126				
Surrogate: 1,2-Dichloroethane-d4	*52.6*		*"*	*50.0*		*105*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*48.2*		*"*	*50.0*		*96.5*	*63.5-145*				
Surrogate: Toluene-d8	*49.4*		*"*	*50.0*		*98.8*	*86.6-116*				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH10032 - EPA 5035B											
LCS Dup (BH10032-BSD1)					Prepared & Analyzed: 08/01/2011						
1,1,1-Trichloroethane	58		ug/L	50.0		116	72.6-137		3.70	22.5	
1,1,2,2-Tetrachloroethane	50		"	50.0		101	65.4-135		0.0795	23.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	55		"	50.0		111	67.8-129		3.91	25	
1,1,2-Trichloroethane	54		"	50.0		108	68.6-132		0.295	22.6	
1,1-Dichloroethane	58		"	50.0		115	71.7-131		3.37	22.8	
1,1-Dichloroethylene	58		"	50.0		115	74.4-148		2.26	26.8	
1,2,4-Trichlorobenzene	56		"	50.0		111	65-139		1.74	26.6	
1,2-Dibromo-3-chloropropane	48		"	50.0		96.5	53.3-149		1.67	29.1	
1,2-Dibromoethane	57		"	50.0		114	72.7-134		1.63	21.1	
1,2-Dichloroethane	57		"	50.0		113	68.7-136		0.266	21.6	
1,2-Dichloropropane	56		"	50.0		111	68.2-136		0.632	22.5	
2-Butanone	50		"	50.0		101	51.9-137		0.553	32.2	
2-Hexanone	44		"	50.0		88.4	51.6-150		2.61	34	
4-Methyl-2-pentanone	48		"	50.0		96.7	50.6-142		3.32	15.5	
Acetone	28		"	50.0		56.1	16-155		5.68	51	
Benzene	56		"	50.0		112	70.4-128		3.06	21.8	
Bromodichloromethane	57		"	50.0		114	70.6-136		1.24	22.7	
Bromoform	53		"	50.0		106	63.2-139		0.452	23.3	
Bromomethane	53		"	50.0		106	50.2-135		73.8	29.1	Non-dir.
Carbon disulfide	100		"	100		104	40.4-124		3.65	25.2	
Carbon tetrachloride	61		"	50.0		122	71.9-140		5.63	22.4	
Chlorobenzene	57		"	50.0		113	76.4-127		1.95	21.8	
Chloroethane	53		"	50.0		106	50.8-142		4.91	24	
Chloroform	58		"	50.0		115	73.6-132		1.82	21.9	
Chloromethane	45		"	50.0		90.1	32.9-131		3.55	22.8	
cis-1,2-Dichloroethylene	48		"	50.0		95.8	69.5-128		15.3	22	
cis-1,3-Dichloropropylene	54		"	50.0		108	66.6-129		0.653	22.7	
Dibromochloromethane	56		"	50.0		113	71.4-135		0.231	22.1	
Dichlorodifluoromethane	39		"	50.0		78.5	39.4-108		2.29	26	
Ethyl Benzene	57		"	50.0		114	75.2-131		1.27	22.5	
Methyl tert-butyl ether (MTBE)	55		"	50.0		111	56.5-140		0.652	30.6	
Methylene chloride	41		"	50.0		82.5	58.4-120		11.5	23.8	
o-Xylene	55		"	50.0		110	70.4-126		2.49	22.7	
p- & m- Xylenes	110		"	100		113	73.8-130		2.02	23	
Styrene	54		"	50.0		109	71.7-126		0.775	21.9	
Tetrachloroethylene	61		"	50.0		122	65-168		1.88	27.9	
Toluene	56		"	50.0		112	72.5-127		2.88	22.9	
trans-1,2-Dichloroethylene	57		"	50.0		114	62.2-144		4.09	24.6	
trans-1,3-Dichloropropylene	54		"	50.0		109	66-135		0.314	23	
Trichloroethylene	56		"	50.0		111	72.6-133		1.96	21.9	
Trichlorofluoromethane	54		"	50.0		108	51.5-131		11.1	24.2	
Vinyl Chloride	48		"	50.0		95.3	47-126		7.10	25.5	
Surrogate: 1,2-Dichloroethane-d4	*51.2*		*"*	*50.0*		*102*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*48.3*		*"*	*50.0*		*96.6*	*63.5-145*				
Surrogate: Toluene-d8	*49.0*		*"*	*50.0*		*97.9*	*86.6-116*				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH10097 - EPA 5030B											
Blank (BH10097-BLK1)						Prepared & Analyzed: 08/02/2011					
1,1-Dichloroethylene	ND	50	ug/L								
1,2-Dichloroethane	ND	50	"								
1,4-Dichlorobenzene	ND	50	"								
2-Butanone	ND	100	"								
Benzene	ND	50	"								
Carbon tetrachloride	ND	50	"								
Chlorobenzene	ND	50	"								
Chloroform	ND	50	"								
Tetrachloroethylene	ND	50	"								
Trichloroethylene	ND	50	"								
Vinyl Chloride	ND	50	"								
Surrogate: 1,2-Dichloroethane-d4	*47.8*		*"*	*50.0*		*95.5*	*70-130*				
Surrogate: p-Bromofluorobenzene	*53.3*		*"*	*50.0*		*107*	*70-130*				
Surrogate: Toluene-d8	*42.6*		*"*	*50.0*		*85.3*	*70-130*				
Blank (BH10097-BLK2)						Prepared & Analyzed: 08/02/2011					
1,1-Dichloroethylene	ND	50	ug/L								
1,2-Dichloroethane	ND	50	"								
1,4-Dichlorobenzene	ND	50	"								
2-Butanone	ND	100	"								
Benzene	ND	50	"								
Carbon tetrachloride	ND	50	"								
Chlorobenzene	ND	50	"								
Chloroform	ND	50	"								
Tetrachloroethylene	ND	50	"								
Trichloroethylene	ND	50	"								
Vinyl Chloride	ND	50	"								
Surrogate: 1,2-Dichloroethane-d4	*48.4*		*"*	*50.0*		*96.9*	*70-130*				
Surrogate: p-Bromofluorobenzene	*52.6*		*"*	*50.0*		*105*	*70-130*				
Surrogate: Toluene-d8	*44.1*		*"*	*50.0*		*88.2*	*70-130*				

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG11026 - EPA 3510C											
Blank (BG11026-BLK1)						Prepared: 07/28/2011 Analyzed: 07/29/2011					
1,4-Dichlorobenzene	ND	5.00	ug/L								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
Cresols, total	ND	15.0	"								
Hexachlorobenzene	ND	5.00	"								
Hexachlorobutadiene	ND	5.00	"								
Hexachloroethane	ND	5.00	"								
Nitrobenzene	ND	5.00	"								
Pentachlorophenol	ND	5.00	"								
Pyridine	ND	5.00	"								
Surrogate: 2-Fluorophenol	*40.7*		*"*	*75.2*		*54.1*	*15-110*				
Surrogate: Phenol-d5	*38.4*		*"*	*75.1*		*51.2*	*10-110*				
Surrogate: 2,4,6-Tribromophenol	*30.9*		*"*	*75.1*		*41.1*	*15-110*				
Surrogate: 2-Fluorobiphenyl	*27.1*		*"*	*50.0*		*54.2*	*30-130*				
Surrogate: Nitrobenzene-d5	*28.9*		*"*	*50.1*		*57.7*	*30-130*				
Surrogate: Terphenyl-d14	*26.4*		*"*	*50.0*		*52.7*	*30-130*				
LCS (BG11026-BS1)						Prepared: 07/28/2011 Analyzed: 07/29/2011					
1,4-Dichlorobenzene	28.0	5.00	ug/L	50.0		56.0	40-140				
2,4,5-Trichlorophenol	24.5	5.00	"	50.0		49.1	30-130				
2,4,6-Trichlorophenol	26.7	5.00	"	50.0		53.5	30-130				
2,4-Dinitrotoluene	27.1	5.00	"	50.0		54.1	40-140				
2-Methylphenol	26.8	5.00	"	50.0		53.6	30-130				
3- & 4-Methylphenols	24.0	5.00	"	50.0		48.0	30-130				
Cresols, total	ND	15.0	"				30-130				
Hexachlorobenzene	26.9	5.00	"	50.0		53.8	40-140				
Hexachlorobutadiene	24.7	5.00	"	50.0		49.3	40-140				
Hexachloroethane	26.4	5.00	"	50.0		52.8	40-140				
Nitrobenzene	26.0	5.00	"	50.0		52.0	40-140				
Pentachlorophenol	26.3	5.00	"	50.0		52.6	30-130				
Pyridine	13.8	5.00	"	50.0		27.5	40-140	Low Bias			
Surrogate: 2-Fluorophenol	*36.5*		*"*	*75.2*		*48.5*	*15-110*				
Surrogate: Phenol-d5	*35.4*		*"*	*75.1*		*47.2*	*10-110*				
Surrogate: 2,4,6-Tribromophenol	*34.6*		*"*	*75.1*		*46.1*	*15-110*				
Surrogate: 2-Fluorobiphenyl	*24.0*		*"*	*50.0*		*48.1*	*30-130*				
Surrogate: Nitrobenzene-d5	*30.2*		*"*	*50.1*		*60.2*	*30-130*				
Surrogate: Terphenyl-d14	*26.3*		*"*	*50.0*		*52.6*	*30-130*				

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG11026 - EPA 3510C											
LCS Dup (BG11026-BSD1)							Prepared: 07/28/2011 Analyzed: 07/29/2011				
1,4-Dichlorobenzene	26.8	5.00	ug/L	50.0		53.6	40-140		4.45	20	
2,4,5-Trichlorophenol	23.6	5.00	"	50.0		47.2	30-130		3.95	20	
2,4,6-Trichlorophenol	27.0	5.00	"	50.0		54.1	30-130		1.19	20	
2,4-Dinitrotoluene	27.3	5.00	"	50.0		54.7	40-140		0.992	20	
2-Methylphenol	26.7	5.00	"	50.0		53.5	30-130		0.262	20	
3- & 4-Methylphenols	24.0	5.00	"	50.0		47.9	30-130		0.167	20	
Cresols, total	ND	15.0	"				30-130			20	
Hexachlorobenzene	26.8	5.00	"	50.0		53.7	40-140		0.298	20	
Hexachlorobutadiene	24.8	5.00	"	50.0		49.5	40-140		0.405	20	
Hexachloroethane	26.5	5.00	"	50.0		52.9	40-140		0.227	20	
Nitrobenzene	25.5	5.00	"	50.0		51.1	40-140		1.79	20	
Pentachlorophenol	23.9	5.00	"	50.0		47.7	30-130		9.72	20	
Pyridine	13.0	5.00	"	50.0		26.0	40-140	Low Bias	5.60	20	
Surrogate: 2-Fluorophenol	*42.3*		*"*	*75.2*		*56.2*	*15-110*				
Surrogate: Phenol-d5	*33.8*		*"*	*75.1*		*45.0*	*10-110*				
Surrogate: 2,4,6-Tribromophenol	*32.4*		*"*	*75.1*		*43.1*	*15-110*				
Surrogate: 2-Fluorobiphenyl	*22.9*		*"*	*50.0*		*45.8*	*30-130*				
Surrogate: Nitrobenzene-d5	*28.7*		*"*	*50.1*		*57.2*	*30-130*				
Surrogate: Terphenyl-d14	*25.0*		*"*	*50.0*		*49.9*	*30-130*				
Batch BH10214 - EPA 3550B											
Blank (BH10214-BLK1)							Prepared & Analyzed: 08/04/2011				
Acenaphthene	ND	167	ug/kg wet								
Acenaphthylene	ND	167	"								
Anthracene	ND	167	"								
Benzo(a)anthracene	ND	167	"								
Benzo(a)pyrene	ND	167	"								
Benzoic acid	ND	333	"								
Benzo(b)fluoranthene	ND	167	"								
Benzo(g,h,i)perylene	ND	167	"								
Benzyl alcohol	ND	167	"								
Benzo(k)fluoranthene	ND	167	"								
Benzyl butyl phthalate	ND	167	"								
4-Bromophenyl phenyl ether	ND	167	"								
4-Chloro-3-methylphenol	ND	167	"								
4-Chloroaniline	ND	167	"								
Bis(2-chloroethoxy)methane	ND	167	"								
Bis(2-chloroethyl)ether	ND	167	"								
Bis(2-chloroisopropyl)ether	ND	167	"								
Bis(2-ethylhexyl)phthalate	ND	167	"								
2-Chloronaphthalene	ND	167	"								
2-Chlorophenol	ND	167	"								
4-Chlorophenyl phenyl ether	ND	167	"								
Chrysene	ND	167	"								
Dibenzo(a,h)anthracene	ND	167	"								
Dibenzofuran	ND	167	"								
Di-n-butyl phthalate	ND	167	"								
1,2-Dichlorobenzene	ND	167	"								
1,4-Dichlorobenzene	ND	167	"								
1,3-Dichlorobenzene	ND	167	"								
3,3'-Dichlorobenzidine	ND	167	"								
2,4-Dichlorophenol	ND	167	"								
Diethyl phthalate	ND	167	"								

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH10214 - EPA 3550B											
Blank (BH10214-BLK1)								Prepared & Analyzed: 08/04/2011			
2,4-Dimethylphenol	ND	167	ug/kg wet								
Dimethyl phthalate	ND	167	"								
4,6-Dinitro-2-methylphenol	ND	333	"								
2-Nitroaniline	ND	167	"								
2,4-Dinitrophenol	ND	333	"								
2,6-Dinitrotoluene	ND	167	"								
2,4-Dinitrotoluene	ND	167	"								
Di-n-octyl phthalate	ND	167	"								
Fluoranthene	ND	167	"								
Fluorene	ND	167	"								
Hexachlorobenzene	ND	167	"								
Hexachlorobutadiene	ND	167	"								
Hexachlorocyclopentadiene	ND	167	"								
Hexachloroethane	ND	167	"								
Indeno(1,2,3-cd)pyrene	ND	167	"								
Isophorone	ND	167	"								
2-Methylnaphthalene	ND	167	"								
2-Methylphenol	ND	167	"								
3- & 4-Methylphenols	ND	167	"								
Naphthalene	ND	167	"								
3-Nitroaniline	ND	167	"								
4-Nitroaniline	ND	167	"								
Nitrobenzene	ND	167	"								
4-Nitrophenol	ND	167	"								
2-Nitrophenol	ND	167	"								
N-nitroso-di-n-propylamine	ND	167	"								
N-Nitrosodiphenylamine	ND	167	"								
Pentachlorophenol	ND	167	"								
Phenanthrene	ND	167	"								
Phenol	ND	167	"								
Pyrene	ND	167	"								
1,2,4-Trichlorobenzene	ND	167	"								
2,4,5-Trichlorophenol	ND	167	"								
2,4,6-Trichlorophenol	ND	167	"								
Surrogate: 2,4,6-Tribromophenol	*1680*		*"*	*2500*		*66.9*	*15-110*				
Surrogate: 2-Fluorobiphenyl	*1860*		*"*	*1670*		*112*	*30-130*				
Surrogate: 2-Fluorophenol	*1680*		*"*	*2510*		*66.8*	*15-110*				
Surrogate: Nitrobenzene-d5	*1680*		*"*	*1670*		*100*	*30-130*				
Surrogate: Phenol-d5	*1670*		*"*	*2500*		*66.9*	*15-110*				
Surrogate: Terphenyl-d14	*2150*		*"*	*1670*		*129*	*30-130*				

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH10214 - EPA 3550B											
LCS (BH10214-BS1)						Prepared & Analyzed: 08/04/2011					
Acenaphthene	1240	167	ug/kg wet	1670		74.2	40-140				
Acenaphthylene	1230	167	"	1670		73.6	40-140				
Anthracene	1270	167	"	1670		76.2	40-140				
Benzo(a)anthracene	1240	167	"	1670		74.3	40-140				
Benzo(a)pyrene	1380	167	"	1670		82.8	40-140				
Benzoic acid	ND	333	"	1670			30-130	Low Bias			
Benzo(b)fluoranthene	1440	167	"	1670		86.3	40-140				
Benzo(g,h,i)perylene	1680	167	"	1670		100	40-140				
Benzyl alcohol	1270	167	"	1670		76.1	30-130				
Benzo(k)fluoranthene	1290	167	"	1670		77.6	40-140				
Benzyl butyl phthalate	1230	167	"	1670		74.0	40-140				
4-Bromophenyl phenyl ether	1300	167	"	1670		78.3	40-140				
4-Chloro-3-methylphenol	1280	167	"	1670		77.1	30-130				
4-Chloroaniline	1260	167	"	1670		75.8	40-140				
Bis(2-chloroethoxy)methane	1280	167	"	1670		77.0	40-140				
Bis(2-chloroethyl)ether	1150	167	"	1670		68.9	40-140				
Bis(2-chloroisopropyl)ether	1150	167	"	1670		68.9	40-140				
Bis(2-ethylhexyl)phthalate	1230	167	"	1670		73.8	40-140				
2-Chloronaphthalene	1210	167	"	1670		72.6	40-140				
2-Chlorophenol	1230	167	"	1670		73.7	30-130				
4-Chlorophenyl phenyl ether	1180	167	"	1670		71.1	40-140				
Chrysene	1260	167	"	1670		75.4	40-140				
Dibenzo(a,h)anthracene	884	167	"	1670		53.1	40-140				
Dibenzofuran	1190	167	"	1670		71.7	40-140				
Di-n-butyl phthalate	1220	167	"	1670		73.1	40-140				
1,2-Dichlorobenzene	1210	167	"	1670		72.8	40-140				
1,4-Dichlorobenzene	1220	167	"	1670		73.4	40-140				
1,3-Dichlorobenzene	1150	167	"	1670		69.3	40-140				
3,3'-Dichlorobenzidine	1230	167	"	1670		73.8	40-140				
2,4-Dichlorophenol	1260	167	"	1670		75.6	30-130				
Diethyl phthalate	1210	167	"	1670		72.5	40-140				
2,4-Dimethylphenol	1320	167	"	1670		79.1	30-130				
Dimethyl phthalate	1230	167	"	1670		73.7	40-140				
4,6-Dinitro-2-methylphenol	1110	333	"	1670		66.8	30-130				
2-Nitroaniline	1140	167	"	1670		68.3	40-140				
2,4-Dinitrophenol	1250	333	"	1670		74.8	30-130				
2,6-Dinitrotoluene	1220	167	"	1670		73.5	40-140				
2,4-Dinitrotoluene	1200	167	"	1670		71.8	40-140				
Di-n-octyl phthalate	1440	167	"	1670		86.6	40-140				
Fluoranthene	1680	167	"	1670		100	40-140				
Fluorene	1180	167	"	1670		70.5	40-140				
Hexachlorobenzene	1250	167	"	1670		75.2	40-140				
Hexachlorobutadiene	1200	167	"	1670		72.3	40-140				
Hexachlorocyclopentadiene	668	167	"	1670		40.1	40-140				
Hexachloroethane	1210	167	"	1670		72.6	40-140				
Indeno(1,2,3-cd)pyrene	812	167	"	1670		48.7	40-140				
Isophorone	1210	167	"	1670		72.5	40-140				
2-Methylnaphthalene	1290	167	"	1670		77.3	40-140				
2-Methylphenol	1260	167	"	1670		75.7	30-130				
3- & 4-Methylphenols	ND	167	"	1670			30-130	Low Bias			
Naphthalene	1200	167	"	1670		72.2	40-140				
3-Nitroaniline	1170	167	"	1670		70.4	40-140				
4-Nitroaniline	1150	167	"	1670		69.0	40-140				
Nitrobenzene	1180	167	"	1670		70.9	40-140				

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH10214 - EPA 3550B											
LCS (BH10214-BS1)						Prepared & Analyzed: 08/04/2011					
4-Nitrophenol	1210	167	ug/kg wet	1670		72.3	30-130				
2-Nitrophenol	1260	167	"	1670		75.6	30-130				
N-nitroso-di-n-propylamine	1220	167	"	1670		73.2	40-140				
N-Nitrosodiphenylamine	1430	167	"	1670		85.7	40-140				
Pentachlorophenol	1270	167	"	1670		76.2	30-130				
Phenanthrene	1270	167	"	1670		76.2	40-140				
Phenol	1360	167	"	1670		81.8	30-130				
Pyrene	1290	167	"	1670		77.3	40-140				
1,2,4-Trichlorobenzene	1220	167	"	1670		73.0	40-140				
2,4,5-Trichlorophenol	1250	167	"	1670		75.1	30-130				
2,4,6-Trichlorophenol	1180	167	"	1670		70.9	30-130				
Surrogate: 2,4,6-Tribromophenol	*2090*		*"*	*2500*		*83.5*	*15-110*				
Surrogate: 2-Fluorobiphenyl	*1150*		*"*	*1670*		*69.3*	*30-130*				
Surrogate: 2-Fluorophenol	*2040*		*"*	*2510*		*81.3*	*15-110*				
Surrogate: Nitrobenzene-d5	*1220*		*"*	*1670*		*72.9*	*30-130*				
Surrogate: Phenol-d5	*1950*		*"*	*2500*		*77.9*	*15-110*				
Surrogate: Terphenyl-d14	*1330*		*"*	*1670*		*79.9*	*30-130*				

Organochlorine Pesticides by EPA SW 846-8081 - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH10008 - EPA 3510C											
Blank (BH10008-BLK1)						Prepared & Analyzed: 08/01/2011					
Toxaphene	ND	0.100	ug/L								
Methoxychlor	ND	0.00500	"								
Heptachlor epoxide	ND	0.00100	"								
Heptachlor	ND	0.00100	"								
gamma-BHC (Lindane)	ND	0.00100	"								
Endrin	ND	0.00100	"								
Chlordane, total	ND	0.00400	"								
Surrogate: Tetrachloro-m-xylene	*2.27*		*"*	*2.00*		*113*	*30-150*				
Surrogate: Decachlorobiphenyl	*1.84*		*"*	*2.00*		*92.1*	*30-150*				
LCS (BH10008-BS1)						Prepared & Analyzed: 08/01/2011					
Methoxychlor	0.688	0.00500	ug/L	1.00		68.8	40-140				
Heptachlor epoxide	0.830	0.00100	"	1.00		83.0	40-140				
Heptachlor	0.822	0.00100	"	1.00		82.2	40-140				
gamma-BHC (Lindane)	0.877	0.00100	"	1.00		87.7	40-140				
Endrin	0.735	0.00100	"	1.00		73.5	40-140				
Surrogate: Tetrachloro-m-xylene	*2.05*		*"*	*2.00*		*103*	*30-150*				
Surrogate: Decachlorobiphenyl	*1.55*		*"*	*2.00*		*77.3*	*30-150*				
LCS Dup (BH10008-BSD1)						Prepared: 08/01/2011 Analyzed: 08/02/2011					
Methoxychlor	0.790	0.00500	ug/L	1.00		79.0	40-140		13.8	200	
Heptachlor epoxide	0.873	0.00100	"	1.00		87.3	40-140		4.98	200	
Heptachlor	0.856	0.00100	"	1.00		85.6	40-140		4.04	200	
gamma-BHC (Lindane)	0.893	0.00100	"	1.00		89.3	40-140		1.80	200	
Endrin	0.817	0.00100	"	1.00		81.7	40-140		10.6	200	
Surrogate: Tetrachloro-m-xylene	*2.15*		*"*	*2.00*		*107*	*30-150*				
Surrogate: Decachlorobiphenyl	*1.92*		*"*	*2.00*		*96.2*	*30-150*				

Organochlorine Pesticides by EPA SW 846-8081 - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH10207 - EPA 3550B											
Blank (BH10207-BLK1)						Prepared & Analyzed: 08/04/2011					
4,4'-DDD	ND	0.330	ug/kg wet								
4,4'-DDE	ND	0.330	"								
4,4'-DDT	ND	0.330	"								
Aldrin	ND	0.330	"								
alpha-BHC	ND	0.330	"								
beta-BHC	ND	0.330	"								
gamma-Chlordane	ND	0.330	"								
delta-BHC	ND	0.330	"								
Dieldrin	ND	0.330	"								
Endosulfan I	ND	0.330	"								
Endosulfan II	ND	0.330	"								
Endosulfan sulfate	ND	0.330	"								
Endrin	ND	0.330	"								
Endrin aldehyde	ND	0.330	"								
Endrin ketone	ND	0.330	"								
gamma-BHC (Lindane)	ND	0.330	"								
Heptachlor	ND	0.330	"								
Heptachlor epoxide	ND	0.330	"								
Methoxychlor	ND	1.65	"								
alpha-Chlordane	ND	0.330	"								
Toxaphene	ND	33.0	"								
Surrogate: Decachlorobiphenyl	*65.9*		*"*	*66.7*		*98.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*79.1*		*"*	*66.7*		*119*	*30-150*				

Polychlorinated Biphenyls (PCB) by EPA SW 846-8082/EPA Compendium Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH10207 - EPA 3550B											
Blank (BH10207-BLK1)						Prepared & Analyzed: 08/04/2011					
Aroclor 1016	ND	0.0170	mg/kg wet								
Aroclor 1221	ND	0.0170	"								
Aroclor 1232	ND	0.0170	"								
Aroclor 1242	ND	0.0170	"								
Aroclor 1248	ND	0.0170	"								
Aroclor 1254	ND	0.0170	"								
Aroclor 1260	ND	0.0170	"								
Aroclor 1262	ND	0.0170	"								
Aroclor 1268	ND	0.0170	"								
Total PCBs	ND	0.0170	"								
Surrogate: Tetrachloro-m-xylene	*0.0737*		*"*	*0.0667*		*110*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0727*		*"*	*0.0667*		*109*	*30-150*				
LCS (BH10207-BS2)						Prepared & Analyzed: 08/04/2011					
Aroclor 1016	0.328	0.0170	mg/kg wet	0.333		98.5	40-140				
Aroclor 1260	0.315	0.0170	"	0.333		94.5	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0827*		*"*	*0.0667*		*124*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0787*		*"*	*0.0667*		*118*	*30-150*				

Chlorinated Herbicides by EPA Method 8151 - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH10066 - EPA 3550B/8151A											
Blank (BH10066-BLK1)							Prepared: 08/02/2011 Analyzed: 08/03/2011				
2,4-D	ND	100	ug/kg wet								
2,4,5-TP (Silvex)	ND	100	"								
2,4,5-T	ND	100	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*3240*		*"*	*2500*		*130*	*10-148*				
LCS (BH10066-BS1)							Prepared: 08/02/2011 Analyzed: 08/03/2011				
2,4-D	895	100	ug/kg wet	800		112	10-186				
2,4,5-TP (Silvex)	940	100	"	800		118	13.3-189				
2,4,5-T	940	100	"	800		118	11.2-181				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*3000*		*"*	*2500*		*120*	*10-148*				
LCS Dup (BH10066-BSD1)							Prepared: 08/02/2011 Analyzed: 08/03/2011				
2,4-D	870	100	ug/kg wet	800		109	10-186		2.83	38	
2,4,5-TP (Silvex)	895	100	"	800		112	13.3-189		4.90	39	
2,4,5-T	910	100	"	800		114	11.2-181		3.24	39	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*3080*		*"*	*2500*		*123*	*10-148*				
Batch BH10067 - EPA 3535A											
Blank (BH10067-BLK1)							Prepared: 08/01/2011 Analyzed: 08/02/2011				
2,4-D	ND	5.00	ug/L								
2,4,5-TP (Silvex)	ND	5.00	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*159*		*"*	*125*		*127*	*30-150*				
LCS (BH10067-BS1)							Prepared: 08/01/2011 Analyzed: 08/02/2011				
2,4-D	27.0	5.00	ug/L	40.0		67.5	30-120				
2,4,5-TP (Silvex)	34.2	5.00	"	40.0		85.6	30-127				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*118*		*"*	*125*		*94.2*	*30-150*				

Chlorinated Herbicides by EPA Method 8151 - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH10067 - EPA 3535A											
LCS Dup (BH10067-BSD1)							Prepared: 08/01/2011 Analyzed: 08/02/2011				
2,4-D	30.2	5.00	ug/L	40.0		75.6	30-120		11.4	25	
2,4,5-TP (Silvex)	37.8	5.00	"	40.0		94.4	30-127		9.72	25	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*132*		*"*	*125*		*106*	*30-150*				

Gas Chromatography/Flame Ionization Determination - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH10227 - EPA 3550B											
Blank (BH10227-BLK1)							Prepared: 08/04/2011 Analyzed: 08/05/2011				
Total Petroleum Hydrocarbons-DRO	ND	10.0	mg/kg wet								
Surrogate: Triacontane	*0.00*		*"*	*10.0*			*30-150*				
LCS (BH10227-BS1)							Prepared: 08/04/2011 Analyzed: 08/05/2011				
Total Petroleum Hydrocarbons-DRO	188	10.0	mg/kg wet	172		109	40-150				
Surrogate: Triacontane	*10.2*		*"*	*10.0*		*102*	*30-150*				

Metals by EPA 6000 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH10051 - EPA SW 846-3050B											
Blank (BH10051-BLK1)							Prepared & Analyzed: 08/01/2011				
Aluminum	ND	2.00	mg/kg wet								
Antimony	ND	0.500	"								
Arsenic	ND	0.500	"								
Barium	ND	0.500	"								
Beryllium	ND	0.010	"								
Cadmium	ND	0.500	"								
Calcium	ND	2.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.500	"								
Copper	ND	0.500	"								
Iron	ND	1.00	"								
Lead	ND	0.300	"								
Magnesium	ND	2.00	"								
Manganese	ND	1.00	"								
Nickel	ND	0.500	"								
Potassium	ND	10.0	"								
Selenium	ND	0.500	"								
Silver	ND	0.500	"								
Sodium	ND	10.0	"								
Thallium	ND	0.500	"								
Vanadium	ND	0.500	"								
Zinc	ND	0.500	"								
Reference (BH10051-SRM1)							Prepared & Analyzed: 08/01/2011				
Aluminum	6780	2.00	mg/kg wet	9780		69.3	44.4-155				
Antimony	126	0.500	"	121		104	21.4-251				
Arsenic	115	0.500	"	109		105	69.9-131				
Barium	335	0.500	"	325		103	74.2-126				
Beryllium	94.9	0.010	"	92.1		103	74.5-126				
Cadmium	117	0.500	"	110		106	73.3-126				
Calcium	6770	2.00	"	6700		101	74-126				
Chromium	90.6	0.500	"	93.4		97.0	69.3-131				
Cobalt	147	0.500	"	133		111	74.3-126				
Copper	85.0	0.500	"	74.7		114	73.6-127				
Iron	9950	1.00	"	13100		76.0	32.4-167				
Lead	156	0.300	"	152		103	73.7-126				
Magnesium	2320	2.00	"	2980		78.0	65.8-134				
Manganese	484	1.00	"	443		109	76.7-124				
Nickel	129	0.500	"	109		119	72.3-127				
Potassium	2280	10.0	"	2770		82.1	61.7-138				
Selenium	219	0.500	"	207		106	68.6-131				
Silver	50.3	0.500	"	51.9		96.8	66.5-133				
Sodium	990	10.0	"	724		137	56.6-144				
Thallium	184	0.500	"	171		108	68.4-131				
Vanadium	106	0.500	"	110		96.2	67-133				
Zinc	288	0.500	"	299		96.3	71.6-128				

Metals by EPA 6000 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH10053 - EPA SW 846-3010A											
Blank (BH10053-BLK1)											
Prepared: 08/01/2011 Analyzed: 08/02/2011											
Arsenic	ND	0.010	mg/L								
Barium	ND	0.010	"								
Cadmium	ND	0.003	"								
Chromium	ND	0.005	"								
Lead	ND	0.003	"								
Selenium	ND	0.010	"								
Silver	ND	0.005	"								
Blank (BH10053-BLK2)											
Prepared: 08/01/2011 Analyzed: 08/02/2011											
Arsenic	ND	0.010	mg/L								
Barium	ND	0.010	"								
Cadmium	ND	0.003	"								
Chromium	ND	0.005	"								
Lead	ND	0.003	"								
Selenium	0.013	0.010	"								
Silver	ND	0.005	"								
Duplicate (BH10053-DUP1)	*Source(Sample used for MS/MSD): 11G0830-01										
Prepared: 08/01/2011 Analyzed: 08/02/2011											
Arsenic	ND	0.010	mg/L		ND					20	
Barium	2.40	0.010	"		2.40				0.127	20	
Cadmium	ND	0.003	"		ND					20	
Chromium	0.003	0.005	"		0.003				4.62	20	
Lead	0.422	0.003	"		0.420				0.589	20	
Selenium	0.021	0.010	"		0.019				12.6	20	
Silver	ND	0.005	"		ND					20	
Matrix Spike (BH10053-MS1)	*Source(Sample used for MS/MSD): 11G0830-01										
Prepared: 08/01/2011 Analyzed: 08/02/2011											
Arsenic	2.00	0.010	mg/L	2.00	ND	100	75-125				
Barium	4.28	0.010	"	2.00	2.40	93.9	75-125				
Cadmium	0.046	0.003	"	0.0500	ND	91.6	75-125				
Chromium	0.178	0.005	"	0.200	0.003	87.3	75-125				
Lead	0.836	0.003	"	0.500	0.420	83.2	75-125				
Selenium	2.14	0.010	"	2.00	0.019	106	75-125				
Silver	0.044	0.005	"	0.0500	ND	88.8	75-125				

Metals by EPA 6000 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH10053 - EPA SW 846-3010A											
Reference (BH10053-SRM1)						Prepared: 08/01/2011 Analyzed: 08/02/2011					
Arsenic	0.518	0.010	mg/L	0.547		94.7	83.9-117				
Barium	0.320	0.010	"	0.301		106	86.7-113				
Cadmium	0.241	0.003	"	0.239		101	84.9-114				
Chromium	0.630	0.005	"	0.626		101	87.1-113				
Lead	0.481	0.003	"	0.466		103	86.9-113				
Selenium	0.866	0.010	"	0.928		93.3	79.4-115				
Silver	0.249	0.005	"	0.260		95.8	85.8-115				

TCLP Metals by EPA SW846-1311/6010B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH10053 - EPA SW 846-3010A											
Blank (BH10053-BLK1)						Prepared: 08/01/2011 Analyzed: 08/02/2011					
Lead	ND	0.00300	mg/L								
Blank (BH10053-BLK2)						Prepared: 08/01/2011 Analyzed: 08/02/2011					
Lead	ND	0.00300	mg/L								
Duplicate (BH10053-DUP1)	*Source(Sample used for MS/MSD): 11G0830-01					Prepared: 08/01/2011 Analyzed: 08/02/2011					
Lead	0.422	0.00300	mg/L		0.420				0.589	20	
Matrix Spike (BH10053-MS1)	*Source(Sample used for MS/MSD): 11G0830-01					Prepared: 08/01/2011 Analyzed: 08/02/2011					
Lead	0.836	0.00300	mg/L	0.500	0.420	83.2	75-125				
Reference (BH10053-SRM1)						Prepared: 08/01/2011 Analyzed: 08/02/2011					
Lead	0.481	0.00300	mg/L	0.466		103	86.9-113				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG11039 - EPA SW846-7471											
Blank (BG11039-BLK1)						Prepared & Analyzed: 07/29/2011					
Mercury	ND	0.100	mg/kg wet								
LCS (BG11039-BS1)						Prepared & Analyzed: 07/29/2011					
Mercury	2.97		mg/kg	2.96		100	80-120				
Batch BG11066 - EPA SW846-7470											
Blank (BG11066-BLK1)						Prepared & Analyzed: 08/01/2011					
Mercury	ND	0.0002000	mg/L								
LCS (BG11066-BS1)						Prepared & Analyzed: 08/01/2011					
Mercury	0.002880	0.0002000	mg/L	0.00300		96.0	80-120				

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Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG10981 - Analysis Preparation											
Duplicate (BG10981-DUP1)	*Source(Sample used for MS/MSD): 11G0830-09					Prepared & Analyzed: 07/27/2011					
pH	7.97	0.500	pH units		7.98				0.125	10	
Batch BH10077 - Analysis Preparation											
Blank (BH10077-BLK1)						Prepared & Analyzed: 08/02/2011					
Reactivity - Cyanide	ND	0.250	mg/kg								
Batch BH10098 - Analysis Preparation											
Blank (BH10098-BLK1)						Prepared & Analyzed: 08/02/2011					
Reactivity - Sulfide	ND	15.0	mg/kg								

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Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration.
IGN-01	Non-Ignit.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

ND	Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
MDL	METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

Corrective Action:

YORK
ANALYTICAL LABORATORIES, INC.

120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. 11G0830

YOUR Information	**Report To:**	**Invoice To:**
Company: LANGAN ENGINEERING	Company:	Company:
Address: 360 W 31st Street New York, NY 10001	Address: SAME	Address: SAME
Phone No. 212-479-5400	Phone No.	Phone No.
Contact Person: cpatterson@langan.com	Attention:	Attention:
E-Mail Address: Clay Patterson	E-Mail Address:	E-Mail Address:

YOUR Project ID: 170150101

Purchase Order No.:

Samples from: CT ___ NY X NJ ___

Turn-Around Time
- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) X

Report Type/Deliverbles
- Summary Report X
- Summary w/ QA Summary X
- CT RCP Package ☐
- NY ASP A Package ☐
- NY ASP B Package ☐
- *Electronic Deliverables:*
- EDD (Specify Type) ☐
- Excel Langan

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

SARA MEISSNER
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Common Miscellaneous Parameters		
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity	Nitrate	Color
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity	Nitrite	Phenols
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability	TKN	Cyanide-T
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point	Tot.Nitrogen	Cyanide-A
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.	Ammonia-N	BOD5
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs	Chloride	CBOD5
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX	Phosphate	BOD28
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.	Tot. Phos.	COD
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.	Oil&Grease	TSS
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC	F.O.G.	Total Solids
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos	pH	TDS
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica	MBAS	TPH-1664

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
B-3(0-2')	1030 7/26/11	SOIL	TPH, DRO, TCLP Lead	(1) 8oz
B-5(0-2')	0930 7/26/11	SOIL	TPH, DRO, TCLP Lead	(1) 8oz
B-6(0-2')	0900 7/26/11	SOIL	TPH, DRO, TCLP Lead	(1) 8oz
B-7(0-2')	1115 7/25/11	SOIL	TPH, DRO, TCLP Lead	(2) 8oz
B-8(0-2')	0000 7/26/11	SOIL	TPH, DRO, TCLP Lead	(1) 8oz
B-9(0-2')	1500 7/25/11	SOIL	TPH, DRO, TCLP Lead	(1) 8oz
B-10(0-2')	1200 7/25/11	SOIL	TPH, DRO, TCLP Lead	(2) 8oz
B-11(0-2')	1400 7/25/11	SOIL	TPH, DRO, TCLP Lead	(2) 8oz
WC-1	1000 7/26/11	SOIL	TCL VOCs, TCL SVOCs, TAL Metals, PCBs, Pesticides, Herbicides, RCRA ignitability, corrosivity, reactivity, and toxicity via TCLP for herbicides, VOCs, SVOCs, pesticides, and metals.	(2) 8oz (1) 2oz

Comments

Preservation Check those Applicable: 4°C ___ Frozen ___ HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other ___

Samples Relinquished By — Date/Time: 7/26/11 1030

Samples Relinquished By — Date/Time:

Samples Received By — Date/Time: 7/26/11 1030

Samples Received in LAB by — Date/Time: 7/26/11 1800

Temperature on Receipt 4.7 °C

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Clay Patterson

Report Date: 08/08/2011
Client Project ID: 170150101
York Project (SDG) No.: 11G0898

Report Date: 08/08/2011
Client Project ID: 170150101
York Project (SDG) No.: 11G0898

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Clay Patterson

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on July 27, 2011 and listed below. The project was identified as your project: **170150101**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
11G0898-01	B-1 (0-2')	Soil	07/26/2011	07/27/2011
11G0898-02	B-2 (0-2')	Soil	07/26/2011	07/27/2011
11G0898-03	B-4 (0-2')	Soil	07/26/2011	07/27/2011
11G0898-04	WC-2	Soil	07/26/2011	07/27/2011

General Notes for York Project (SDG) No.: 11G0898

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By:

Date: 08/08/2011

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: B-1 (0-2') **York Sample ID:** 11G0898-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0898	170150101	Soil	July 26, 2011 11:00 am	07/27/2011

Total Petroleum Hydrocarbons-DRO

Log-in Notes: Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Petroleum Hydrocarbons-DRO	**31.5**		mg/kg dry	6.85	11.8	1	EPA SW846-8015B	08/04/2011 14:51	08/05/2011 11:55	SR

Surrogate Recoveries	Result	Acceptance Range
638-68-6 *Surrogate: Triacontane*	*142 %*	*30-150*

Lead TCLP by EPA 6010

Log-in Notes: Sample Notes:

Sample Prepared by Method: EPA SW 846-3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**0.0695**		mg/L	0.00120	0.00300	1	EPA 1311/6010B	08/01/2011 10:00	08/01/2011 15:58	MW

Total Solids

Log-in Notes: Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**84.7**		%	0.100	0.100	1	SM 2540G	08/02/2011 14:50	08/02/2011 14:50	AA

Sample Information

Client Sample ID: B-2 (0-2') **York Sample ID:** 11G0898-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0898	170150101	Soil	July 26, 2011 12:00 pm	07/27/2011

Total Petroleum Hydrocarbons-DRO

Log-in Notes: Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Petroleum Hydrocarbons-DRO	ND		mg/kg dry	6.33	10.9	1	EPA SW846-8015B	08/04/2011 14:51	08/05/2011 11:55	SR

Surrogate Recoveries	Result	Acceptance Range
638-68-6 *Surrogate: Triacontane*	*124 %*	*30-150*

Lead TCLP by EPA 6010

Log-in Notes: Sample Notes:

Sample Prepared by Method: EPA SW 846-3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**0.297**		mg/L	0.00120	0.00300	1	EPA 1311/6010B	08/01/2011 10:00	08/01/2011 16:03	MW

Total Solids

Log-in Notes: Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**91.6**		%	0.100	0.100	1	SM 2540G	08/02/2011 14:50	08/02/2011 14:50	AA

Sample Information

Client Sample ID: B-4 (0-2') **York Sample ID:** 11G0898-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0898	170150101	Soil	July 26, 2011 1:00 pm	07/27/2011

Total Petroleum Hydrocarbons-DRO

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Petroleum Hydrocarbons-DRO	**30.5**		mg/kg dry	7.82	13.5	1	EPA SW846-8015B	08/04/2011 14:51	08/05/2011 11:55	SR
	Surrogate Recoveries	**Result**		**Acceptance Range**							
638-68-6	*Surrogate: Triacontane*	*107 %*		*30-150*							

Lead TCLP by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW 846-3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**0.520**		mg/L	0.00120	0.00300	1	EPA 1311/6010B	08/01/2011 10:00	08/01/2011 16:08	MW

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**74.2**		%	0.100	0.100	1	SM 2540G	08/02/2011 14:50	08/02/2011 14:50	AA

Sample Information

Client Sample ID: WC-2 **York Sample ID:** 11G0898-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0898	170150101	Soil	July 26, 2011 2:00 pm	07/27/2011

Volatile Organics, TCL (Target Compound List)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	11	2	EPA SW846-8260B	08/03/2011 14:48	08/03/2011 14:48	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	08/03/2011 14:48	08/03/2011 14:48	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	08/03/2011 14:48	08/03/2011 14:48	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	08/03/2011 14:48	08/03/2011 14:48	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.7	11	2	EPA SW846-8260B	08/03/2011 14:48	08/03/2011 14:48	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.2	11	2	EPA SW846-8260B	08/03/2011 14:48	08/03/2011 14:48	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.2	22	2	EPA SW846-8260B	08/03/2011 14:48	08/03/2011 14:48	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.2	22	2	EPA SW846-8260B	08/03/2011 14:48	08/03/2011 14:48	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	08/03/2011 14:48	08/03/2011 14:48	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	08/03/2011 14:48	08/03/2011 14:48	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	0.53	11	2	EPA SW846-8260B	08/03/2011 14:48	08/03/2011 14:48	SS
78-93-3	**2-Butanone**	**16**	J	ug/kg dry	6.2	22	2	EPA SW846-8260B	08/03/2011 14:48	08/03/2011 14:48	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.1	11	2	EPA SW846-8260B	08/03/2011 14:48	08/03/2011 14:48	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	6.4	11	2	EPA SW846-8260B	08/03/2011 14:48	08/03/2011 14:48	SS

Sample Information

Client Sample ID: WC-2 **York Sample ID:** 11G0898-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0898	170150101	Soil	July 26, 2011 2:00 pm	07/27/2011

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	**Acetone**	**66**	B	ug/kg dry	7.5	22	2	EPA SW846-8260B	08/03/2011 14:48	08/03/2011 14:48	SS
71-43-2	Benzene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	08/03/2011 14:48	08/03/2011 14:48	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	08/03/2011 14:48	08/03/2011 14:48	SS
75-25-2	Bromoform	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	08/03/2011 14:48	08/03/2011 14:48	SS
74-83-9	Bromomethane	ND		ug/kg dry	3.0	11	2	EPA SW846-8260B	08/03/2011 14:48	08/03/2011 14:48	SS
75-15-0	**Carbon disulfide**	**3.2**	J	ug/kg dry	1.5	11	2	EPA SW846-8260B	08/03/2011 14:48	08/03/2011 14:48	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	11	2	EPA SW846-8260B	08/03/2011 14:48	08/03/2011 14:48	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	0.85	11	2	EPA SW846-8260B	08/03/2011 14:48	08/03/2011 14:48	SS
75-00-3	Chloroethane	ND		ug/kg dry	1.8	11	2	EPA SW846-8260B	08/03/2011 14:48	08/03/2011 14:48	SS
67-66-3	Chloroform	ND		ug/kg dry	0.87	11	2	EPA SW846-8260B	08/03/2011 14:48	08/03/2011 14:48	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.2	11	2	EPA SW846-8260B	08/03/2011 14:48	08/03/2011 14:48	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	11	2	EPA SW846-8260B	08/03/2011 14:48	08/03/2011 14:48	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	0.85	11	2	EPA SW846-8260B	08/03/2011 14:48	08/03/2011 14:48	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	08/03/2011 14:48	08/03/2011 14:48	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.0	11	2	EPA SW846-8260B	08/03/2011 14:48	08/03/2011 14:48	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	0.85	11	2	EPA SW846-8260B	08/03/2011 14:48	08/03/2011 14:48	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	0.92	11	2	EPA SW846-8260B	08/03/2011 14:48	08/03/2011 14:48	SS
75-09-2	**Methylene chloride**	**26**	B	ug/kg dry	2.6	22	2	EPA SW846-8260B	08/03/2011 14:48	08/03/2011 14:48	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	08/03/2011 14:48	08/03/2011 14:48	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	1.3	22	2	EPA SW846-8260B	08/03/2011 14:48	08/03/2011 14:48	SS
100-42-5	Styrene	ND		ug/kg dry	1.0	11	2	EPA SW846-8260B	08/03/2011 14:48	08/03/2011 14:48	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	08/03/2011 14:48	08/03/2011 14:48	SS
108-88-3	Toluene	ND		ug/kg dry	0.56	11	2	EPA SW846-8260B	08/03/2011 14:48	08/03/2011 14:48	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	08/03/2011 14:48	08/03/2011 14:48	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	08/03/2011 14:48	08/03/2011 14:48	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	08/03/2011 14:48	08/03/2011 14:48	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.2	11	2	EPA SW846-8260B	08/03/2011 14:48	08/03/2011 14:48	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	11	2	EPA SW846-8260B	08/03/2011 14:48	08/03/2011 14:48	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	2.5	34	2	EPA SW846-8260B	08/03/2011 14:48	08/03/2011 14:48	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*102 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.1 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*100 %*	*86.6-116*

Sample Information

Client Sample ID: WC-2 **York Sample ID:** 11G0898-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0898	170150101	Soil	July 26, 2011 2:00 pm	07/27/2011

Volatile Organics, TCLP RCRA List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	13	50	10	EPA SW846-8260B/1311	08/02/2011 12:49	08/02/2011 15:03	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	6.5	50	10	EPA SW846-8260B/1311	08/02/2011 12:49	08/02/2011 15:03	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	6.8	50	10	EPA SW846-8260B/1311	08/02/2011 12:49	08/02/2011 15:03	SS
78-93-3	2-Butanone	ND		ug/L	26	100	10	EPA SW846-8260B/1311	08/02/2011 12:49	08/02/2011 15:03	SS
71-43-2	Benzene	ND		ug/L	4.8	50	10	EPA SW846-8260B/1311	08/02/2011 12:49	08/02/2011 15:03	SS
56-23-5	Carbon tetrachloride	ND		ug/L	10	50	10	EPA SW846-8260B/1311	08/02/2011 12:49	08/02/2011 15:03	SS
108-90-7	Chlorobenzene	ND		ug/L	3.5	50	10	EPA SW846-8260B/1311	08/02/2011 12:49	08/02/2011 15:03	SS
67-66-3	Chloroform	ND		ug/L	3.6	50	10	EPA SW846-8260B/1311	08/02/2011 12:49	08/02/2011 15:03	SS
127-18-4	Tetrachloroethylene	ND		ug/L	5.2	50	10	EPA SW846-8260B/1311	08/02/2011 12:49	08/02/2011 15:03	SS
79-01-6	Trichloroethylene	ND		ug/L	5.7	50	10	EPA SW846-8260B/1311	08/02/2011 12:49	08/02/2011 15:03	SS
75-01-4	Vinyl Chloride	ND		ug/L	9.7	50	10	EPA SW846-8260B/1311	08/02/2011 12:49	08/02/2011 15:03	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*99.1 %*	*70-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*108 %*	*70-130*
2037-26-5	*Surrogate: Toluene-d8*	*89.2 %*	*70-130*

Semi-Volatiles, EPA TCL List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	102	187	1	EPA SW846-8270C	08/04/2011 11:18	08/05/2011 19:50	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	81.8	187	1	EPA SW846-8270C	08/04/2011 11:18	08/05/2011 19:50	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	89.0	187	1	EPA SW846-8270C	08/04/2011 11:18	08/05/2011 19:50	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	64.1	187	1	EPA SW846-8270C	08/04/2011 11:18	08/05/2011 19:50	TD
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	50.8	187	1	EPA SW846-8270C	08/04/2011 11:18	08/05/2011 19:50	TD
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	91.4	187	1	EPA SW846-8270C	08/04/2011 11:18	08/05/2011 19:50	TD
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	76.3	187	1	EPA SW846-8270C	08/04/2011 11:18	08/05/2011 19:50	TD
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	59.9	187	1	EPA SW846-8270C	08/04/2011 11:18	08/05/2011 19:50	TD
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	157	374	1	EPA SW846-8270C	08/04/2011 11:18	08/05/2011 19:50	TD
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	81.8	187	1	EPA SW846-8270C	08/04/2011 11:18	08/05/2011 19:50	TD
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	89.0	187	1	EPA SW846-8270C	08/04/2011 11:18	08/05/2011 19:50	TD
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	57.1	187	1	EPA SW846-8270C	08/04/2011 11:18	08/05/2011 19:50	TD
95-57-8	2-Chlorophenol	ND		ug/kg dry	109	187	1	EPA SW846-8270C	08/04/2011 11:18	08/05/2011 19:50	TD
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	65.1	187	1	EPA SW846-8270C	08/04/2011 11:18	08/05/2011 19:50	TD
95-48-7	2-Methylphenol	ND		ug/kg dry	68.7	187	1	EPA SW846-8270C	08/04/2011 11:18	08/05/2011 19:50	TD
88-74-4	2-Nitroaniline	ND		ug/kg dry	97.0	187	1	EPA SW846-8270C	08/04/2011 11:18	08/05/2011 19:50	TD
88-75-5	2-Nitrophenol	ND		ug/kg dry	64.1	187	1	EPA SW846-8270C	08/04/2011 11:18	08/05/2011 19:50	TD
100-01-6	3- & 4-Methylphenols	ND		ug/kg dry	84.1	187	1	EPA SW846-8270C	08/04/2011 11:18	08/05/2011 19:50	TD

Sample Information

Client Sample ID: WC-2 **York Sample ID:** 11G0898-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0898	170150101	Soil	July 26, 2011 2:00 pm	07/27/2011

Semi-Volatiles, EPA TCL List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	47.1	187	1	EPA SW846-8270C	08/04/2011 11:18	08/05/2011 19:50	TD
99-09-2	3-Nitroaniline	ND		ug/kg dry	67.8	187	1	EPA SW846-8270C	08/04/2011 11:18	08/05/2011 19:50	TD
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	141	374	1	EPA SW846-8270C	08/04/2011 11:18	08/05/2011 19:50	TD
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	77.9	187	1	EPA SW846-8270C	08/04/2011 11:18	08/05/2011 19:50	TD
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	20.1	187	1	EPA SW846-8270C	08/04/2011 11:18	08/05/2011 19:50	TD
106-47-8	4-Chloroaniline	ND		ug/kg dry	73.8	187	1	EPA SW846-8270C	08/04/2011 11:18	08/05/2011 19:50	TD
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	53.9	187	1	EPA SW846-8270C	08/04/2011 11:18	08/05/2011 19:50	TD
100-02-7	4-Nitroaniline	ND		ug/kg dry	62.1	187	1	EPA SW846-8270C	08/04/2011 11:18	08/05/2011 19:50	TD
56-57-5	4-Nitrophenol	ND		ug/kg dry	67.6	187	1	EPA SW846-8270C	08/04/2011 11:18	08/05/2011 19:50	TD
83-32-9	Acenaphthene	ND		ug/kg dry	108	187	1	EPA SW846-8270C	08/04/2011 11:18	08/05/2011 19:50	TD
208-96-8	Acenaphthylene	ND		ug/kg dry	52.4	187	1	EPA SW846-8270C	08/04/2011 11:18	08/05/2011 19:50	TD
120-12-7	Anthracene	ND		ug/kg dry	46.3	187	1	EPA SW846-8270C	08/04/2011 11:18	08/05/2011 19:50	TD
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	72.3	187	1	EPA SW846-8270C	08/04/2011 11:18	08/05/2011 19:50	TD
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	48.7	187	1	EPA SW846-8270C	08/04/2011 11:18	08/05/2011 19:50	TD
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	71.1	187	1	EPA SW846-8270C	08/04/2011 11:18	08/05/2011 19:50	TD
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	56.2	187	1	EPA SW846-8270C	08/04/2011 11:18	08/05/2011 19:50	TD
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	72.3	187	1	EPA SW846-8270C	08/04/2011 11:18	08/05/2011 19:50	TD
65-85-0	Benzoic acid	ND		ug/kg dry	128	374	1	EPA SW846-8270C	08/04/2011 11:18	08/05/2011 19:50	TD
100-51-6	Benzyl alcohol	ND		ug/kg dry	60.5	187	1	EPA SW846-8270C	08/04/2011 11:18	08/05/2011 19:50	TD
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	78.0	187	1	EPA SW846-8270C	08/04/2011 11:18	08/05/2011 19:50	TD
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	68.9	187	1	EPA SW846-8270C	08/04/2011 11:18	08/05/2011 19:50	TD
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	63.5	187	1	EPA SW846-8270C	08/04/2011 11:18	08/05/2011 19:50	TD
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	69.4	187	1	EPA SW846-8270C	08/04/2011 11:18	08/05/2011 19:50	TD
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	62.6	187	1	EPA SW846-8270C	08/04/2011 11:18	08/05/2011 19:50	TD
218-01-9	Chrysene	ND		ug/kg dry	75.3	187	1	EPA SW846-8270C	08/04/2011 11:18	08/05/2011 19:50	TD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	47.2	187	1	EPA SW846-8270C	08/04/2011 11:18	08/05/2011 19:50	TD
132-64-9	Dibenzofuran	ND		ug/kg dry	60.3	187	1	EPA SW846-8270C	08/04/2011 11:18	08/05/2011 19:50	TD
84-66-2	Diethyl phthalate	ND		ug/kg dry	98.1	187	1	EPA SW846-8270C	08/04/2011 11:18	08/05/2011 19:50	TD
131-11-3	Dimethyl phthalate	ND		ug/kg dry	53.9	187	1	EPA SW846-8270C	08/04/2011 11:18	08/05/2011 19:50	TD
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	55.8	187	1	EPA SW846-8270C	08/04/2011 11:18	08/05/2011 19:50	TD
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	84.1	187	1	EPA SW846-8270C	08/04/2011 11:18	08/05/2011 19:50	TD
206-44-0	Fluoranthene	ND		ug/kg dry	108	187	1	EPA SW846-8270C	08/04/2011 11:18	08/05/2011 19:50	TD
86-73-7	Fluorene	ND		ug/kg dry	52.4	187	1	EPA SW846-8270C	08/04/2011 11:18	08/05/2011 19:50	TD
118-74-1	Hexachlorobenzene	ND		ug/kg dry	30.5	187	1	EPA SW846-8270C	08/04/2011 11:18	08/05/2011 19:50	TD
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	74.8	187	1	EPA SW846-8270C	08/04/2011 11:18	08/05/2011 19:50	TD

Sample Information

Client Sample ID: WC-2 **York Sample ID:** 11G0898-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0898	170150101	Soil	July 26, 2011 2:00 pm	07/27/2011

Semi-Volatiles, EPA TCL List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	139	187	1	EPA SW846-8270C	08/04/2011 11:18	08/05/2011 19:50	TD
67-72-1	Hexachloroethane	ND		ug/kg dry	67.2	187	1	EPA SW846-8270C	08/04/2011 11:18	08/05/2011 19:50	TD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	68.9	187	1	EPA SW846-8270C	08/04/2011 11:18	08/05/2011 19:50	TD
78-59-1	Isophorone	ND		ug/kg dry	69.4	187	1	EPA SW846-8270C	08/04/2011 11:18	08/05/2011 19:50	TD
91-20-3	Naphthalene	ND		ug/kg dry	55.8	187	1	EPA SW846-8270C	08/04/2011 11:18	08/05/2011 19:50	TD
98-95-3	Nitrobenzene	ND		ug/kg dry	84.1	187	1	EPA SW846-8270C	08/04/2011 11:18	08/05/2011 19:50	TD
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	48.8	187	1	EPA SW846-8270C	08/04/2011 11:18	08/05/2011 19:50	TD
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	108	187	1	EPA SW846-8270C	08/04/2011 11:18	08/05/2011 19:50	TD
87-86-5	Pentachlorophenol	ND		ug/kg dry	52.4	187	1	EPA SW846-8270C	08/04/2011 11:18	08/05/2011 19:50	TD
85-01-8	Phenanthrene	ND		ug/kg dry	68.9	187	1	EPA SW846-8270C	08/04/2011 11:18	08/05/2011 19:50	TD
108-95-2	Phenol	ND		ug/kg dry	74.8	187	1	EPA SW846-8270C	08/04/2011 11:18	08/05/2011 19:50	TD
129-00-0	Pyrene	ND		ug/kg dry	67.0	187	1	EPA SW846-8270C	08/04/2011 11:18	08/05/2011 19:50	TD

	Surrogate Recoveries	Result		Acceptance Range
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*19.4 %*		*15-110*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*30.5 %*		*30-130*
367-12-4	*Surrogate: 2-Fluorophenol*	*26.2 %*		*15-110*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*26.8 %*	*S-BN*	*30-130*
4165-62-2	*Surrogate: Phenol-d5*	*25.0 %*		*15-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*31.8 %*		*30-130*

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	6.45	10.0	1	EPA SW846- 8270C/1311	08/01/2011 07:57	08/02/2011 03:57	TD
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	7.22	10.0	1	EPA SW846- 8270C/1311	08/01/2011 07:57	08/02/2011 03:57	TD
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	6.54	10.0	1	EPA SW846- 8270C/1311	08/01/2011 07:57	08/02/2011 03:57	TD
121-14-2	2,4-Dinitrotoluene	ND		ug/L	4.73	10.0	1	EPA SW846- 8270C/1311	08/01/2011 07:57	08/02/2011 03:57	TD
95-48-7	2-Methylphenol	ND		ug/L	1.71	10.0	1	EPA SW846- 8270C/1311	08/01/2011 07:57	08/02/2011 03:57	TD
100-01-6	3- & 4-Methylphenols	ND		ug/L	7.43	10.0	1	EPA SW846- 8270C/1311	08/01/2011 07:57	08/02/2011 03:57	TD
1319-77-3	Cresols, total	ND		ug/L	23.2	30.0	1	EPA SW846- 8270C/1311	08/01/2011 07:57	08/02/2011 03:57	TD
118-74-1	Hexachlorobenzene	ND		ug/L	5.91	10.0	1	EPA SW846- 8270C/1311	08/01/2011 07:57	08/02/2011 03:57	TD
87-68-3	Hexachlorobutadiene	ND		ug/L	6.62	10.0	1	EPA SW846- 8270C/1311	08/01/2011 07:57	08/02/2011 03:57	TD
67-72-1	Hexachloroethane	ND		ug/L	7.26	10.0	1	EPA SW846- 8270C/1311	08/01/2011 07:57	08/02/2011 03:57	TD
98-95-3	Nitrobenzene	ND		ug/L	3.93	10.0	1	EPA SW846- 8270C/1311	08/01/2011 07:57	08/02/2011 03:57	TD
87-86-5	Pentachlorophenol	ND		ug/L	7.53	10.0	1	EPA SW846- 8270C/1311	08/01/2011 07:57	08/02/2011 03:57	TD
110-86-1	Pyridine	ND		ug/L	6.37	10.0	1	EPA SW846- 8270C/1311	08/01/2011 07:57	08/02/2011 03:57	TD

	Surrogate Recoveries	Result		Acceptance Range

Sample Information

Client Sample ID: WC-2 **York Sample ID:** 11G0898-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0898	170150101	Soil	July 26, 2011 2:00 pm	07/27/2011

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*20.2 %*	*S-04*		*15-110*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*20.6 %*	*S-04*		*30-130*						
367-12-4	*Surrogate: 2-Fluorophenol*	*8.06 %*	*S-04*		*15-110*						
4165-60-0	*Surrogate: Nitrobenzene-d5*	*22.6 %*	*S-04*		*30-130*						
4165-62-2	*Surrogate: Phenol-d5*	*5.43 %*	*S-04*		*10-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*29.1 %*	*S-04*		*30-130*						

Pesticides, 8081 target list

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.47	3.30	10	EPA SW 846-8081	08/04/2011 09:25	08/04/2011 18:09	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.89	3.30	10	EPA SW 846-8081	08/04/2011 09:25	08/04/2011 18:09	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.48	3.30	10	EPA SW 846-8081	08/04/2011 09:25	08/04/2011 18:09	JW
309-00-2	Aldrin	ND		ug/kg dry	2.11	3.30	10	EPA SW 846-8081	08/04/2011 09:25	08/04/2011 18:09	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.49	3.30	10	EPA SW 846-8081	08/04/2011 09:25	08/04/2011 18:09	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.86	3.30	10	EPA SW 846-8081	08/04/2011 09:25	08/04/2011 18:09	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.08	3.30	10	EPA SW 846-8081	08/04/2011 09:25	08/04/2011 18:09	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.80	3.30	10	EPA SW 846-8081	08/04/2011 09:25	08/04/2011 18:09	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.95	3.30	10	EPA SW 846-8081	08/04/2011 09:25	08/04/2011 18:09	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.60	3.30	10	EPA SW 846-8081	08/04/2011 09:25	08/04/2011 18:09	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.02	3.30	10	EPA SW 846-8081	08/04/2011 09:25	08/04/2011 18:09	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.69	3.30	10	EPA SW 846-8081	08/04/2011 09:25	08/04/2011 18:09	JW
72-20-8	Endrin	ND		ug/kg dry	2.00	3.30	10	EPA SW 846-8081	08/04/2011 09:25	08/04/2011 18:09	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.22	3.30	10	EPA SW 846-8081	08/04/2011 09:25	08/04/2011 18:09	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.45	3.30	10	EPA SW 846-8081	08/04/2011 09:25	08/04/2011 18:09	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.29	3.30	10	EPA SW 846-8081	08/04/2011 09:25	08/04/2011 18:09	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.45	3.30	10	EPA SW 846-8081	08/04/2011 09:25	08/04/2011 18:09	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.63	3.30	10	EPA SW 846-8081	08/04/2011 09:25	08/04/2011 18:09	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.45	3.30	10	EPA SW 846-8081	08/04/2011 09:25	08/04/2011 18:09	JW
72-43-5	Methoxychlor	ND		ug/kg dry	8.51	16.5	10	EPA SW 846-8081	08/04/2011 09:25	08/04/2011 18:09	JW
8001-35-2	Toxaphene	ND		ug/kg dry	143	330	10	EPA SW 846-8081	08/04/2011 09:25	08/04/2011 18:09	JW

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*79.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*84.3 %*	*30-150*

Pesticides, TCLP RCRA List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: WC-2 **York Sample ID:** 11G0898-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0898	170150101	Soil	July 26, 2011 2:00 pm	07/27/2011

Pesticides, TCLP RCRA List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	Chlordane, total	ND		ug/L	0.00762	0.00762	1	EPA SW 846-8081/1311	08/01/2011 07:55	08/01/2011 20:31	JW
72-20-8	Endrin	ND		ug/L	0.00179	0.00190	1	EPA SW 846-8081/1311	08/01/2011 07:55	08/01/2011 20:31	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00183	0.00190	1	EPA SW 846-8081/1311	08/01/2011 07:55	08/01/2011 20:31	JW
76-44-8	Heptachlor	ND		ug/L	0.00181	0.00190	1	EPA SW 846-8081/1311	08/01/2011 07:55	08/01/2011 20:31	JW
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00143	0.00190	1	EPA SW 846-8081/1311	08/01/2011 07:55	08/01/2011 20:31	JW
72-43-5	Methoxychlor	ND		ug/L	0.00373	0.00952	1	EPA SW 846-8081/1311	08/01/2011 07:55	08/01/2011 20:31	JW
8001-35-2	Toxaphene	ND		ug/L	0.190	0.190	1	EPA SW 846-8081/1311	08/01/2011 07:55	08/01/2011 20:31	JW

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*51.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*67.2 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.00886	0.0191	1	EPA SW 846-8082	08/04/2011 09:25	08/04/2011 19:26	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.00886	0.0191	1	EPA SW 846-8082	08/04/2011 09:25	08/04/2011 19:26	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.00886	0.0191	1	EPA SW 846-8082	08/04/2011 09:25	08/04/2011 19:26	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.00886	0.0191	1	EPA SW 846-8082	08/04/2011 09:25	08/04/2011 19:26	JW
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.00886	0.0191	1	EPA SW 846-8082	08/04/2011 09:25	08/04/2011 19:26	JW
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.00762	0.0191	1	EPA SW 846-8082	08/04/2011 09:25	08/04/2011 19:26	JW
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.00762	0.0191	1	EPA SW 846-8082	08/04/2011 09:25	08/04/2011 19:26	JW
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.00762	0.0191	1	EPA SW 846-8082	08/04/2011 09:25	08/04/2011 19:26	JW
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.00762	0.0191	1	EPA SW 846-8082	08/04/2011 09:25	08/04/2011 19:26	JW
1336-36-3	Total PCBs	ND		mg/kg dry	0.00762	0.0191	1	EPA SW 846-8082	08/04/2011 09:25	08/04/2011 19:26	JW

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*72.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*71.5 %*	*30-150*

Herbicides, Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/kg dry	67.3	112	1	EPA SW846-8151B	08/02/2011 08:17	08/05/2011 00:00	JW
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	72.9	112	1	EPA SW846-8151B	08/02/2011 08:17	08/05/2011 00:00	JW
94-75-7	2,4-D	ND		ug/kg dry	80.7	112	1	EPA SW846-8151B	08/02/2011 08:17	08/05/2011 00:00	JW

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid*	*11.6 %*	*10-148*

Sample Information

Client Sample ID: WC-2 **York Sample ID:** 11G0898-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0898	170150101	Soil	July 26, 2011 2:00 pm	07/27/2011

Herbicides, TCLP Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	0.0180	5.00	1	EPA SW846-8151B/1311	08/01/2011 08:24	08/02/2011 00:00	JW
94-75-7	2,4-D	ND		ug/L	0.0197	5.00	1	EPA SW846-8151B/1311	08/01/2011 08:24	08/02/2011 00:00	JW

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acia*	*108 %*	*30-150*

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW 846-3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**10700**		mg/kg dry	1.41	2.24	1	EPA SW846-6010B	08/01/2011 15:38	08/02/2011 01:47	MW
7440-36-0	**Antimony**	**0.920**		mg/kg dry	0.157	0.561	1	EPA SW846-6010B	08/01/2011 15:38	08/02/2011 01:47	MW
7440-38-2	**Arsenic**	**5.88**		mg/kg dry	0.213	0.561	1	EPA SW846-6010B	08/01/2011 15:38	08/02/2011 01:47	MW
7440-39-3	**Barium**	**221**		mg/kg dry	0.269	0.561	1	EPA SW846-6010B	08/01/2011 15:38	08/02/2011 01:47	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.009	0.011	1	EPA SW846-6010B	08/01/2011 15:38	08/02/2011 01:47	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.146	0.561	1	EPA SW846-6010B	08/01/2011 15:38	08/02/2011 01:47	MW
7440-70-2	**Calcium**	**5340**		mg/kg dry	0.049	2.24	1	EPA SW846-6010B	08/01/2011 15:38	08/02/2011 01:47	MW
7440-47-3	**Chromium**	**21.5**		mg/kg dry	0.090	0.561	1	EPA SW846-6010B	08/01/2011 15:38	08/02/2011 01:47	MW
7440-48-4	**Cobalt**	**7.42**		mg/kg dry	0.090	0.561	1	EPA SW846-6010B	08/01/2011 15:38	08/02/2011 01:47	MW
7440-50-8	**Copper**	**66.5**		mg/kg dry	0.157	0.561	1	EPA SW846-6010B	08/01/2011 15:38	08/02/2011 01:47	MW
7439-89-6	**Iron**	**19200**		mg/kg dry	0.617	1.12	1	EPA SW846-6010B	08/01/2011 15:38	08/02/2011 01:47	MW
7439-92-1	**Lead**	**448**		mg/kg dry	0.112	0.336	1	EPA SW846-6010B	08/01/2011 15:38	08/02/2011 01:47	MW
7439-95-4	**Magnesium**	**2960**		mg/kg dry	0.919	2.24	1	EPA SW846-6010B	08/01/2011 15:38	08/02/2011 01:47	MW
7439-96-5	**Manganese**	**328**		mg/kg dry	0.090	1.12	1	EPA SW846-6010B	08/01/2011 15:38	08/02/2011 01:47	MW
7440-02-0	**Nickel**	**22.0**		mg/kg dry	0.078	0.561	1	EPA SW846-6010B	08/01/2011 15:38	08/02/2011 01:47	MW
7440-09-7	**Potassium**	**1200**		mg/kg dry	3.05	11.2	1	EPA SW846-6010B	08/01/2011 15:38	08/02/2011 01:47	MW
7782-49-2	**Selenium**	**2.01**		mg/kg dry	0.237	0.561	1	EPA SW846-6010B	08/01/2011 15:38	08/02/2011 01:47	MW
7440-22-4	Silver	ND		mg/kg dry	0.101	0.561	1	EPA SW846-6010B	08/01/2011 15:38	08/02/2011 01:47	MW
7440-23-5	**Sodium**	**120**		mg/kg dry	7.53	11.2	1	EPA SW846-6010B	08/01/2011 15:38	08/02/2011 01:47	MW
7440-28-0	Thallium	ND		mg/kg dry	0.213	0.561	1	EPA SW846-6010B	08/01/2011 15:38	08/02/2011 01:47	MW
7440-62-2	**Vanadium**	**31.9**		mg/kg dry	0.090	0.561	1	EPA SW846-6010B	08/01/2011 15:38	08/02/2011 01:47	MW
7440-66-6	**Zinc**	**179**		mg/kg dry	0.078	0.561	1	EPA SW846-6010B	08/01/2011 15:38	08/02/2011 01:47	MW

Metals, TCLP RCRA

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW 846-3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.001	0.010	1	EPA SW846-6010B/1311	08/01/2011 10:00	08/01/2011 16:12	MW
7440-39-3	**Barium**	**1.74**		mg/L	0.004	0.010	1	EPA SW846-6010B/1311	08/01/2011 10:00	08/01/2011 16:12	MW
7440-43-9	Cadmium	ND		mg/L	0.001	0.003	1	EPA SW846-6010B/1311	08/01/2011 10:00	08/01/2011 16:12	MW
7440-47-3	Chromium	ND		mg/L	0.0009	0.005	1	EPA SW846-6010B/1311	08/01/2011 10:00	08/01/2011 16:12	MW
7439-92-1	**Lead**	**0.051**		mg/L	0.001	0.003	1	EPA SW846-6010B/1311	08/01/2011 10:00	08/01/2011 16:12	MW

Sample Information

Client Sample ID: WC-2 **York Sample ID:** 11G0898-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0898	170150101	Soil	July 26, 2011 2:00 pm	07/27/2011

Metals, TCLP RCRA

Log-in Notes: Sample Notes:

Sample Prepared by Method: EPA SW 846-3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7782-49-2	Selenium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B/1311	08/01/2011 10:00	08/01/2011 16:12	MW
7440-22-4	Silver	ND		mg/L	0.001	0.005	1	EPA SW846-6010B/1311	08/01/2011 10:00	08/01/2011 16:12	MW

Mercury by 7470/7471

Log-in Notes: Sample Notes:

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.109	0.112	1	EPA SW846-7471	08/01/2011 13:38	08/01/2011 13:38	AA

Mercury, TCLP

Log-in Notes: Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000039	0.0002000	1	EPA SW846-7470/1311	08/01/2011 13:33	08/01/2011 13:33	AA

Ignitability

Log-in Notes: Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Ignitability	Non-Ignit.		P/F			1	EPA SW846-1030P	08/01/2011 15:50	08/01/2011 15:50	AA

Total Solids

Log-in Notes: Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**89.2**		%	0.100	0.100	1	SM 2540G	08/02/2011 14:50	08/02/2011 14:50	AA

pH

Log-in Notes: Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	**8.01**		pH units		0.500	1	EPA SW846-9045D	08/02/2011 12:40	08/02/2011 12:40	MZ

Reactivity-Cyanide

Log-in Notes: Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Reactivity - Cyanide	ND		mg/kg	0.250	0.250	1	EPA SW-846 Ch.7.3.3	08/02/2011 13:04	08/02/2011 13:04	AD

Reactivity-Sulfide

Log-in Notes: Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Reactivity - Sulfide	ND		mg/kg	15.0	15.0	1	EPA SW846 Ch.7.3.4	08/02/2011 14:23	08/02/2011 14:23	AD

Analytical Batch Summary

Batch ID: BG11066 **Preparation Method:** EPA SW846-7470 **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
11G0898-04	WC-2	08/01/11
BG11066-BLK1	Blank	08/01/11
BG11066-BS1	LCS	08/01/11

Batch ID: BG11084 **Preparation Method:** EPA SW846-7471 **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
11G0898-04	WC-2	08/01/11
BG11084-BLK1	Blank	08/01/11
BG11084-BS1	LCS	08/01/11

Batch ID: BH10008 **Preparation Method:** EPA 3510C **Prepared By:** KAM

YORK Sample ID	Client Sample ID	Preparation Date
11G0898-04	WC-2	08/01/11
BH10008-BLK1	Blank	08/01/11
BH10008-BS1	LCS	08/01/11
BH10008-BSD1	LCS Dup	08/01/11

Batch ID: BH10009 **Preparation Method:** EPA 3510C **Prepared By:** KAM

YORK Sample ID	Client Sample ID	Preparation Date
11G0898-04	WC-2	08/01/11
BH10009-BLK1	Blank	08/01/11
BH10009-BS1	LCS	08/01/11
BH10009-BSD1	LCS Dup	08/01/11

Batch ID: BH10011 **Preparation Method:** Analysis Preparation **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
11G0898-04	WC-2	08/01/11

Batch ID: BH10022 **Preparation Method:** EPA SW 846-3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
11G0898-01	B-1 (0-2')	08/01/11
11G0898-02	B-2 (0-2')	08/01/11
11G0898-03	B-4 (0-2')	08/01/11
11G0898-04	WC-2	08/01/11
BH10022-BLK1	Blank	08/01/11
BH10022-BLK1	Blank	08/01/11
BH10022-BLK2	Blank	08/01/11
BH10022-BLK2	Blank	08/01/11
BH10022-SRM1	Reference	08/01/11
BH10022-SRM1	Reference	08/01/11

Batch ID: BH10051 **Preparation Method:** EPA SW 846-3050B **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
11G0898-04	WC-2	08/01/11
BH10051-BLK1	Blank	08/01/11
BH10051-SRM1	Reference	08/01/11

Batch ID: BH10066 **Preparation Method:** EPA 3550B/8151A **Prepared By:** TFD

YORK Sample ID	Client Sample ID	Preparation Date
11G0898-04	WC-2	08/02/11
BH10066-BLK1	Blank	08/02/11
BH10066-BS1	LCS	08/02/11
BH10066-BSD1	LCS Dup	08/02/11

Batch ID: BH10067 **Preparation Method:** EPA 3535A **Prepared By:** TFD

YORK Sample ID	Client Sample ID	Preparation Date
11G0898-04	WC-2	08/01/11
BH10067-BLK1	Blank	08/01/11
BH10067-BS1	LCS	08/01/11
BH10067-BSD1	LCS Dup	08/01/11

Batch ID: BH10077 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
11G0898-04	WC-2	08/02/11
BH10077-BLK1	Blank	08/02/11

Batch ID: BH10087 **Preparation Method:** Analysis Preparation **Prepared By:** MZ

YORK Sample ID	Client Sample ID	Preparation Date
11G0898-04	WC-2	08/02/11

Batch ID: BH10089 **Preparation Method:** % Solids Prep **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
11G0898-01	B-1 (0-2')	08/02/11
11G0898-02	B-2 (0-2')	08/02/11
11G0898-03	B-4 (0-2')	08/02/11
11G0898-04	WC-2	08/02/11

Batch ID: BH10097 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
11G0898-04	WC-2	08/02/11
BH10097-BLK1	Blank	08/02/11

BH10097-BLK2	Blank	08/02/11

Batch ID: BH10098 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
11G0898-04	WC-2	08/02/11
BH10098-BLK1	Blank	08/02/11

Batch ID: BH10167 **Preparation Method:** EPA 5035B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
11G0898-04	WC-2	08/03/11
BH10167-BLK1	Blank	08/03/11
BH10167-BS1	LCS	08/03/11
BH10167-BSD1	LCS Dup	08/03/11

Batch ID: BH10207 **Preparation Method:** EPA 3550B **Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
11G0898-04	WC-2	08/04/11
11G0898-04	WC-2	08/04/11
BH10207-BLK1	Blank	08/04/11
BH10207-BLK1	Blank	08/04/11
BH10207-BS1	LCS	08/04/11
BH10207-BS2	LCS	08/04/11

Batch ID: BH10214 **Preparation Method:** EPA 3550B **Prepared By:** KAM

YORK Sample ID	Client Sample ID	Preparation Date
11G0898-04	WC-2	08/04/11
BH10214-BLK1	Blank	08/04/11
BH10214-BS1	LCS	08/04/11

Batch ID: BH10227 **Preparation Method:** EPA 3550B **Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
11G0898-01	B-1 (0-2')	08/04/11
11G0898-02	B-2 (0-2')	08/04/11
11G0898-03	B-4 (0-2')	08/04/11
BH10227-BLK1	Blank	08/04/11
BH10227-BS1	LCS	08/04/11

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH10097 - EPA 5030B											
Blank (BH10097-BLK1)						Prepared & Analyzed: 08/02/2011					
1,1-Dichloroethylene	ND	50	ug/L								
1,2-Dichloroethane	ND	50	"								
1,4-Dichlorobenzene	ND	50	"								
2-Butanone	ND	100	"								
Benzene	ND	50	"								
Carbon tetrachloride	ND	50	"								
Chlorobenzene	ND	50	"								
Chloroform	ND	50	"								
Tetrachloroethylene	ND	50	"								
Trichloroethylene	ND	50	"								
Vinyl Chloride	ND	50	"								
Surrogate: 1,2-Dichloroethane-d4	*47.8*		*"*	*50.0*		*95.5*	*70-130*				
Surrogate: p-Bromofluorobenzene	*53.3*		*"*	*50.0*		*107*	*70-130*				
Surrogate: Toluene-d8	*42.6*		*"*	*50.0*		*85.3*	*70-130*				
Blank (BH10097-BLK2)						Prepared & Analyzed: 08/02/2011					
1,1-Dichloroethylene	ND	50	ug/L								
1,2-Dichloroethane	ND	50	"								
1,4-Dichlorobenzene	ND	50	"								
2-Butanone	ND	100	"								
Benzene	ND	50	"								
Carbon tetrachloride	ND	50	"								
Chlorobenzene	ND	50	"								
Chloroform	ND	50	"								
Tetrachloroethylene	ND	50	"								
Trichloroethylene	ND	50	"								
Vinyl Chloride	ND	50	"								
Surrogate: 1,2-Dichloroethane-d4	*48.4*		*"*	*50.0*		*96.9*	*70-130*				
Surrogate: p-Bromofluorobenzene	*52.6*		*"*	*50.0*		*105*	*70-130*				
Surrogate: Toluene-d8	*44.1*		*"*	*50.0*		*88.2*	*70-130*				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH10167 - EPA 5035B											
Blank (BH10167-BLK1)							Prepared & Analyzed: 08/03/2011				
1,1,1-Trichloroethane	ND	5.0	ug/kg wet								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	10	"								
1,2-Dibromo-3-chloropropane	ND	10	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
2-Butanone	ND	10	"								
2-Hexanone	ND	5.0	"								
4-Methyl-2-pentanone	ND	5.0	"								
Acetone	4.6	10	"								
Benzene	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon disulfide	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	6.4	10	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
Styrene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: 1,2-Dichloroethane-d4	*51.0*		*ug/L*	*50.0*		*102*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*48.2*		*"*	*50.0*		*96.4*	*63.5-145*				
Surrogate: Toluene-d8	*49.6*		*"*	*50.0*		*99.3*	*86.6-116*				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH10167 - EPA 5035B											
LCS (BH10167-BS1)						Prepared & Analyzed: 08/03/2011					
1,1,1-Trichloroethane	57		ug/L	50.0		114	72.6-137				
1,1,2,2-Tetrachloroethane	51		"	50.0		101	65.4-135				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	55		"	50.0		110	67.8-129				
1,1,2-Trichloroethane	55		"	50.0		110	68.6-132				
1,1-Dichloroethane	57		"	50.0		114	71.7-131				
1,1-Dichloroethylene	58		"	50.0		115	74.4-148				
1,2,4-Trichlorobenzene	54		"	50.0		109	65-139				
1,2-Dibromo-3-chloropropane	47		"	50.0		94.6	53.3-149				
1,2-Dibromoethane	59		"	50.0		118	72.7-134				
1,2-Dichloroethane	57		"	50.0		114	68.7-136				
1,2-Dichloropropane	56		"	50.0		113	68.2-136				
2-Butanone	63		"	50.0		126	51.9-137				
2-Hexanone	45		"	50.0		89.7	51.6-150				
4-Methyl-2-pentanone	50		"	50.0		101	50.6-142				
Acetone	28		"	50.0		55.5	16-155				
Benzene	56		"	50.0		112	70.4-128				
Bromodichloromethane	57		"	50.0		114	70.6-136				
Bromoform	54		"	50.0		107	63.2-139				
Bromomethane	55		"	50.0		109	50.2-135				
Carbon disulfide	100		"	100		104	40.4-124				
Carbon tetrachloride	59		"	50.0		118	71.9-140				
Chlorobenzene	56		"	50.0		113	76.4-127				
Chloroethane	54		"	50.0		107	50.8-142				
Chloroform	58		"	50.0		116	73.6-132				
Chloromethane	45		"	50.0		90.6	32.9-131				
cis-1,2-Dichloroethylene	69		"	50.0		139	69.5-128	High Bias			
cis-1,3-Dichloropropylene	54		"	50.0		108	66.6-129				
Dibromochloromethane	57		"	50.0		114	71.4-135				
Dichlorodifluoromethane	38		"	50.0		75.4	39.4-108				
Ethyl Benzene	57		"	50.0		115	75.2-131				
Methyl tert-butyl ether (MTBE)	56		"	50.0		113	56.5-140				
Methylene chloride	41		"	50.0		82.1	58.4-120				
o-Xylene	55		"	50.0		110	70.4-126				
p- & m- Xylenes	110		"	100		113	73.8-130				
Styrene	55		"	50.0		110	71.7-126				
Tetrachloroethylene	63		"	50.0		125	65-168				
Toluene	57		"	50.0		113	72.5-127				
trans-1,2-Dichloroethylene	56		"	50.0		113	62.2-144				
trans-1,3-Dichloropropylene	55		"	50.0		109	66-135				
Trichloroethylene	57		"	50.0		113	72.6-133				
Trichlorofluoromethane	56		"	50.0		113	51.5-131				
Vinyl Chloride	48		"	50.0		95.9	47-126				
Surrogate: 1,2-Dichloroethane-d4	*50.8*		*"*	*50.0*		*102*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*48.9*		*"*	*50.0*		*97.9*	*63.5-145*				
Surrogate: Toluene-d8	*49.5*		*"*	*50.0*		*99.0*	*86.6-116*				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH10167 - EPA 5035B											
LCS Dup (BH10167-BSD1)					Prepared & Analyzed: 08/03/2011						
1,1,1-Trichloroethane	57		ug/L	50.0		115	72.6-137		0.964	22.5	
1,1,2,2-Tetrachloroethane	51		"	50.0		102	65.4-135		0.747	23.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	54		"	50.0		108	67.8-129		1.79	25	
1,1,2-Trichloroethane	55		"	50.0		111	68.6-132		0.652	22.6	
1,1-Dichloroethane	57		"	50.0		114	71.7-131		0.105	22.8	
1,1-Dichloroethylene	57		"	50.0		113	74.4-148		1.49	26.8	
1,2,4-Trichlorobenzene	57		"	50.0		114	65-139		4.75	26.6	
1,2-Dibromo-3-chloropropane	50		"	50.0		100	53.3-149		5.61	29.1	
1,2-Dibromoethane	58		"	50.0		117	72.7-134		0.834	21.1	
1,2-Dichloroethane	56		"	50.0		111	68.7-136		2.19	21.6	
1,2-Dichloropropane	56		"	50.0		112	68.2-136		0.838	22.5	
2-Butanone	58		"	50.0		117	51.9-137		7.59	32.2	
2-Hexanone	45		"	50.0		90.3	51.6-150		0.711	34	
4-Methyl-2-pentanone	50		"	50.0		101	50.6-142		0.0597	15.5	
Acetone	22		"	50.0		44.5	16-155		22.1	51	
Benzene	56		"	50.0		111	70.4-128		0.520	21.8	
Bromodichloromethane	58		"	50.0		116	70.6-136		1.74	22.7	
Bromoform	54		"	50.0		108	63.2-139		0.335	23.3	
Bromomethane	55		"	50.0		111	50.2-135		1.33	29.1	
Carbon disulfide	100		"	100		104	40.4-124		0.221	25.2	
Carbon tetrachloride	59		"	50.0		118	71.9-140		0.220	22.4	
Chlorobenzene	58		"	50.0		115	76.4-127		2.44	21.8	
Chloroethane	53		"	50.0		106	50.8-142		1.47	24	
Chloroform	58		"	50.0		115	73.6-132		0.364	21.9	
Chloromethane	45		"	50.0		89.6	32.9-131		1.09	22.8	
cis-1,2-Dichloroethylene	65		"	50.0		130	69.5-128	High Bias	6.77	22	
cis-1,3-Dichloropropylene	54		"	50.0		108	66.6-129		0.223	22.7	
Dibromochloromethane	58		"	50.0		116	71.4-135		1.39	22.1	
Dichlorodifluoromethane	38		"	50.0		75.8	39.4-108		0.423	26	
Ethyl Benzene	58		"	50.0		116	75.2-131		1.56	22.5	
Methyl tert-butyl ether (MTBE)	55		"	50.0		110	56.5-140		2.73	30.6	
Methylene chloride	36		"	50.0		72.7	58.4-120		12.1	23.8	
o-Xylene	56		"	50.0		113	70.4-126		2.57	22.7	
p- & m- Xylenes	120		"	100		115	73.8-130		1.82	23	
Styrene	56		"	50.0		111	71.7-126		1.38	21.9	
Tetrachloroethylene	62		"	50.0		124	65-168		0.900	27.9	
Toluene	57		"	50.0		113	72.5-127		0.283	22.9	
trans-1,2-Dichloroethylene	56		"	50.0		112	62.2-144		0.499	24.6	
trans-1,3-Dichloropropylene	54		"	50.0		109	66-135		0.239	23	
Trichloroethylene	56		"	50.0		112	72.6-133		1.30	21.9	
Trichlorofluoromethane	55		"	50.0		110	51.5-131		2.32	24.2	
Vinyl Chloride	48		"	50.0		96.2	47-126		0.271	25.5	
Surrogate: 1,2-Dichloroethane-d4	*50.6*		*"*	*50.0*		*101*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*48.6*		*"*	*50.0*		*97.1*	*63.5-145*				
Surrogate: Toluene-d8	*49.7*		*"*	*50.0*		*99.5*	*86.6-116*				

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH10009 - EPA 3510C											
Blank (BH10009-BLK1)							Prepared: 08/01/2011 Analyzed: 08/02/2011				
1,4-Dichlorobenzene	ND	5.00	ug/L								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
Cresols, total	ND	15.0	"								
Hexachlorobenzene	ND	5.00	"								
Hexachlorobutadiene	ND	5.00	"								
Hexachloroethane	ND	5.00	"								
Nitrobenzene	ND	5.00	"								
Pentachlorophenol	ND	5.00	"								
Pyridine	ND	5.00	"								
Surrogate: 2-Fluorophenol	*30.1*		*"*	*75.2*		*40.0*	*15-110*				
Surrogate: Phenol-d5	*30.4*		*"*	*75.1*		*40.5*	*10-110*				
Surrogate: 2,4,6-Tribromophenol	*23.0*		*"*	*75.1*		*30.7*	*15-110*				
Surrogate: 2-Fluorobiphenyl	*22.6*		*"*	*50.0*		*45.3*	*30-130*				
Surrogate: Nitrobenzene-d5	*22.0*		*"*	*50.1*		*44.0*	*30-130*				
Surrogate: Terphenyl-d14	*22.6*		*"*	*50.0*		*45.2*	*30-130*				
LCS (BH10009-BS1)							Prepared: 08/01/2011 Analyzed: 08/02/2011				
1,4-Dichlorobenzene	25.0	5.00	ug/L	50.0		50.0	40-140				
2,4,5-Trichlorophenol	20.4	5.00	"	50.0		40.7	30-130				
2,4,6-Trichlorophenol	22.7	5.00	"	50.0		45.3	30-130				
2,4-Dinitrotoluene	22.6	5.00	"	50.0		45.1	40-140				
2-Methylphenol	24.2	5.00	"	50.0		48.4	30-130				
3- & 4-Methylphenols	21.9	5.00	"	50.0		43.9	30-130				
Cresols, total	ND	15.0	"				30-130				
Hexachlorobenzene	27.2	5.00	"	50.0		54.3	40-140				
Hexachlorobutadiene	22.5	5.00	"	50.0		45.1	40-140				
Hexachloroethane	25.8	5.00	"	50.0		51.5	40-140				
Nitrobenzene	23.3	5.00	"	50.0		46.7	40-140				
Pentachlorophenol	20.5	5.00	"	50.0		41.1	30-130				
Pyridine	20.2	5.00	"	50.0		40.5	40-140				
Surrogate: 2-Fluorophenol	*30.9*		*"*	*75.2*		*41.1*	*15-110*				
Surrogate: Phenol-d5	*31.9*		*"*	*75.1*		*42.5*	*10-110*				
Surrogate: 2,4,6-Tribromophenol	*27.6*		*"*	*75.1*		*36.7*	*15-110*				
Surrogate: 2-Fluorobiphenyl	*21.7*		*"*	*50.0*		*43.4*	*30-130*				
Surrogate: Nitrobenzene-d5	*27.1*		*"*	*50.1*		*54.1*	*30-130*				
Surrogate: Terphenyl-d14	*23.2*		*"*	*50.0*		*46.5*	*30-130*				

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH10009 - EPA 3510C											
LCS Dup (BH10009-BSD1)						Prepared: 08/01/2011 Analyzed: 08/02/2011					
1,4-Dichlorobenzene	27.4	5.00	ug/L	50.0		54.9	40-140		9.34	20	
2,4,5-Trichlorophenol	30.2	5.00	"	50.0		60.5	30-130		39.1	20	Non-dir.
2,4,6-Trichlorophenol	27.4	5.00	"	50.0		54.9	30-130		19.0	20	
2,4-Dinitrotoluene	26.5	5.00	"	50.0		53.1	40-140		16.2	20	
2-Methylphenol	27.9	5.00	"	50.0		55.8	30-130		14.2	20	
3- & 4-Methylphenols	25.0	5.00	"	50.0		50.0	30-130		13.1	20	
Cresols, total	ND	15.0	"				30-130			20	
Hexachlorobenzene	30.9	5.00	"	50.0		61.9	40-140		13.0	20	
Hexachlorobutadiene	24.9	5.00	"	50.0		49.9	40-140		10.1	20	
Hexachloroethane	29.4	5.00	"	50.0		58.8	40-140		13.2	20	
Nitrobenzene	27.2	5.00	"	50.0		54.4	40-140		15.3	20	
Pentachlorophenol	21.7	5.00	"	50.0		43.3	30-130		5.31	20	
Pyridine	20.2	5.00	"	50.0		40.5	40-140		0.00	20	
Surrogate: 2-Fluorophenol	*20.2*		*"*	*75.2*		*26.9*	*15-110*				
Surrogate: Phenol-d5	*34.1*		*"*	*75.1*		*45.5*	*10-110*				
Surrogate: 2,4,6-Tribromophenol	*29.6*		*"*	*75.1*		*39.5*	*15-110*				
Surrogate: 2-Fluorobiphenyl	*22.9*		*"*	*50.0*		*45.8*	*30-130*				
Surrogate: Nitrobenzene-d5	*29.1*		*"*	*50.1*		*58.0*	*30-130*				
Surrogate: Terphenyl-d14	*24.9*		*"*	*50.0*		*49.8*	*30-130*				
Batch BH10214 - EPA 3550B											
Blank (BH10214-BLK1)						Prepared & Analyzed: 08/04/2011					
Acenaphthene	ND	167	ug/kg wet								
Acenaphthylene	ND	167	"								
Anthracene	ND	167	"								
Benzo(a)anthracene	ND	167	"								
Benzo(a)pyrene	ND	167	"								
Benzoic acid	ND	333	"								
Benzo(b)fluoranthene	ND	167	"								
Benzo(g,h,i)perylene	ND	167	"								
Benzyl alcohol	ND	167	"								
Benzo(k)fluoranthene	ND	167	"								
Benzyl butyl phthalate	ND	167	"								
4-Bromophenyl phenyl ether	ND	167	"								
4-Chloro-3-methylphenol	ND	167	"								
4-Chloroaniline	ND	167	"								
Bis(2-chloroethoxy)methane	ND	167	"								
Bis(2-chloroethyl)ether	ND	167	"								
Bis(2-chloroisopropyl)ether	ND	167	"								
Bis(2-ethylhexyl)phthalate	ND	167	"								
2-Chloronaphthalene	ND	167	"								
2-Chlorophenol	ND	167	"								
4-Chlorophenyl phenyl ether	ND	167	"								
Chrysene	ND	167	"								
Dibenzo(a,h)anthracene	ND	167	"								
Dibenzofuran	ND	167	"								
Di-n-butyl phthalate	ND	167	"								
1,2-Dichlorobenzene	ND	167	"								
1,4-Dichlorobenzene	ND	167	"								
1,3-Dichlorobenzene	ND	167	"								
3,3'-Dichlorobenzidine	ND	167	"								
2,4-Dichlorophenol	ND	167	"								
Diethyl phthalate	ND	167	"								

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH10214 - EPA 3550B											
Blank (BH10214-BLK1)					Prepared & Analyzed: 08/04/2011						
2,4-Dimethylphenol	ND	167	ug/kg wet								
Dimethyl phthalate	ND	167	"								
2-Nitroaniline	ND	167	"								
4,6-Dinitro-2-methylphenol	ND	333	"								
2,4-Dinitrophenol	ND	333	"								
2,6-Dinitrotoluene	ND	167	"								
2,4-Dinitrotoluene	ND	167	"								
Di-n-octyl phthalate	ND	167	"								
Fluoranthene	ND	167	"								
Fluorene	ND	167	"								
Hexachlorobenzene	ND	167	"								
Hexachlorobutadiene	ND	167	"								
Hexachlorocyclopentadiene	ND	167	"								
Hexachloroethane	ND	167	"								
Indeno(1,2,3-cd)pyrene	ND	167	"								
Isophorone	ND	167	"								
2-Methylnaphthalene	ND	167	"								
2-Methylphenol	ND	167	"								
3- & 4-Methylphenols	ND	167	"								
Naphthalene	ND	167	"								
3-Nitroaniline	ND	167	"								
4-Nitroaniline	ND	167	"								
Nitrobenzene	ND	167	"								
4-Nitrophenol	ND	167	"								
2-Nitrophenol	ND	167	"								
N-nitroso-di-n-propylamine	ND	167	"								
N-Nitrosodiphenylamine	ND	167	"								
Pentachlorophenol	ND	167	"								
Phenanthrene	ND	167	"								
Phenol	ND	167	"								
Pyrene	ND	167	"								
1,2,4-Trichlorobenzene	ND	167	"								
2,4,5-Trichlorophenol	ND	167	"								
2,4,6-Trichlorophenol	ND	167	"								
Surrogate: 2,4,6-Tribromophenol	*1680*		*"*	*2500*		*66.9*	*15-110*				
Surrogate: 2-Fluorobiphenyl	*1860*		*"*	*1670*		*112*	*30-130*				
Surrogate: 2-Fluorophenol	*1680*		*"*	*2510*		*66.8*	*15-110*				
Surrogate: Nitrobenzene-d5	*1680*		*"*	*1670*		*100*	*30-130*				
Surrogate: Phenol-d5	*1670*		*"*	*2500*		*66.9*	*15-110*				
Surrogate: Terphenyl-d14	*2150*		*"*	*1670*		*129*	*30-130*				

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH10214 - EPA 3550B											
LCS (BH10214-BS1)						Prepared & Analyzed: 08/04/2011					
Acenaphthene	1240	167	ug/kg wet	1670		74.2	40-140				
Acenaphthylene	1230	167	"	1670		73.6	40-140				
Anthracene	1270	167	"	1670		76.2	40-140				
Benzo(a)anthracene	1240	167	"	1670		74.3	40-140				
Benzo(a)pyrene	1380	167	"	1670		82.8	40-140				
Benzoic acid	ND	333	"	1670			30-130	Low Bias			
Benzo(b)fluoranthene	1440	167	"	1670		86.3	40-140				
Benzo(g,h,i)perylene	1680	167	"	1670		100	40-140				
Benzyl alcohol	1270	167	"	1670		76.1	30-130				
Benzo(k)fluoranthene	1290	167	"	1670		77.6	40-140				
Benzyl butyl phthalate	1230	167	"	1670		74.0	40-140				
4-Bromophenyl phenyl ether	1300	167	"	1670		78.3	40-140				
4-Chloro-3-methylphenol	1280	167	"	1670		77.1	30-130				
4-Chloroaniline	1260	167	"	1670		75.8	40-140				
Bis(2-chloroethoxy)methane	1280	167	"	1670		77.0	40-140				
Bis(2-chloroethyl)ether	1150	167	"	1670		68.9	40-140				
Bis(2-chloroisopropyl)ether	1150	167	"	1670		68.9	40-140				
Bis(2-ethylhexyl)phthalate	1230	167	"	1670		73.8	40-140				
2-Chloronaphthalene	1210	167	"	1670		72.6	40-140				
2-Chlorophenol	1230	167	"	1670		73.7	30-130				
4-Chlorophenyl phenyl ether	1180	167	"	1670		71.1	40-140				
Chrysene	1260	167	"	1670		75.4	40-140				
Dibenzo(a,h)anthracene	884	167	"	1670		53.1	40-140				
Dibenzofuran	1190	167	"	1670		71.7	40-140				
Di-n-butyl phthalate	1220	167	"	1670		73.1	40-140				
1,2-Dichlorobenzene	1210	167	"	1670		72.8	40-140				
1,4-Dichlorobenzene	1220	167	"	1670		73.4	40-140				
1,3-Dichlorobenzene	1150	167	"	1670		69.3	40-140				
3,3'-Dichlorobenzidine	1230	167	"	1670		73.8	40-140				
2,4-Dichlorophenol	1260	167	"	1670		75.6	30-130				
Diethyl phthalate	1210	167	"	1670		72.5	40-140				
2,4-Dimethylphenol	1320	167	"	1670		79.1	30-130				
Dimethyl phthalate	1230	167	"	1670		73.7	40-140				
4,6-Dinitro-2-methylphenol	1110	333	"	1670		66.8	30-130				
2-Nitroaniline	1140	167	"	1670		68.3	40-140				
2,4-Dinitrophenol	1250	333	"	1670		74.8	30-130				
2,6-Dinitrotoluene	1220	167	"	1670		73.5	40-140				
2,4-Dinitrotoluene	1200	167	"	1670		71.8	40-140				
Di-n-octyl phthalate	1440	167	"	1670		86.6	40-140				
Fluoranthene	1680	167	"	1670		100	40-140				
Fluorene	1180	167	"	1670		70.5	40-140				
Hexachlorobenzene	1250	167	"	1670		75.2	40-140				
Hexachlorobutadiene	1200	167	"	1670		72.3	40-140				
Hexachlorocyclopentadiene	668	167	"	1670		40.1	40-140				
Hexachloroethane	1210	167	"	1670		72.6	40-140				
Indeno(1,2,3-cd)pyrene	812	167	"	1670		48.7	40-140				
Isophorone	1210	167	"	1670		72.5	40-140				
2-Methylnaphthalene	1290	167	"	1670		77.3	40-140				
2-Methylphenol	1260	167	"	1670		75.7	30-130				
3- & 4-Methylphenols	ND	167	"	1670			30-130	Low Bias			
Naphthalene	1200	167	"	1670		72.2	40-140				
3-Nitroaniline	1170	167	"	1670		70.4	40-140				
4-Nitroaniline	1150	167	"	1670		69.0	40-140				
Nitrobenzene	1180	167	"	1670		70.9	40-140				

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH10214 - EPA 3550B											
LCS (BH10214-BS1)						Prepared & Analyzed: 08/04/2011					
4-Nitrophenol	1210	167	ug/kg wet	1670		72.3	30-130				
2-Nitrophenol	1260	167	"	1670		75.6	30-130				
N-nitroso-di-n-propylamine	1220	167	"	1670		73.2	40-140				
N-Nitrosodiphenylamine	1430	167	"	1670		85.7	40-140				
Pentachlorophenol	1270	167	"	1670		76.2	30-130				
Phenanthrene	1270	167	"	1670		76.2	40-140				
Phenol	1360	167	"	1670		81.8	30-130				
Pyrene	1290	167	"	1670		77.3	40-140				
1,2,4-Trichlorobenzene	1220	167	"	1670		73.0	40-140				
2,4,5-Trichlorophenol	1250	167	"	1670		75.1	30-130				
2,4,6-Trichlorophenol	1180	167	"	1670		70.9	30-130				
Surrogate: 2,4,6-Tribromophenol	*2090*		*"*	*2500*		*83.5*	*15-110*				
Surrogate: 2-Fluorobiphenyl	*1150*		*"*	*1670*		*69.3*	*30-130*				
Surrogate: 2-Fluorophenol	*2040*		*"*	*2510*		*81.3*	*15-110*				
Surrogate: Nitrobenzene-d5	*1220*		*"*	*1670*		*72.9*	*30-130*				
Surrogate: Phenol-d5	*1950*		*"*	*2500*		*77.9*	*15-110*				
Surrogate: Terphenyl-d14	*1330*		*"*	*1670*		*79.9*	*30-130*				

Organochlorine Pesticides by EPA SW 846-8081 - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH10008 - EPA 3510C											
Blank (BH10008-BLK1)						Prepared & Analyzed: 08/01/2011					
Toxaphene	ND	0.100	ug/L								
Methoxychlor	ND	0.00500	"								
Heptachlor epoxide	ND	0.00100	"								
Heptachlor	ND	0.00100	"								
gamma-BHC (Lindane)	ND	0.00100	"								
Endrin	ND	0.00100	"								
Chlordane, total	ND	0.00400	"								
Surrogate: Tetrachloro-m-xylene	*2.27*		*"*	*2.00*		*113*	*30-150*				
Surrogate: Decachlorobiphenyl	*1.84*		*"*	*2.00*		*92.1*	*30-150*				
LCS (BH10008-BS1)						Prepared & Analyzed: 08/01/2011					
Methoxychlor	0.688	0.00500	ug/L	1.00		68.8	40-140				
Heptachlor epoxide	0.830	0.00100	"	1.00		83.0	40-140				
Heptachlor	0.822	0.00100	"	1.00		82.2	40-140				
gamma-BHC (Lindane)	0.877	0.00100	"	1.00		87.7	40-140				
Endrin	0.735	0.00100	"	1.00		73.5	40-140				
Surrogate: Tetrachloro-m-xylene	*2.05*		*"*	*2.00*		*103*	*30-150*				
Surrogate: Decachlorobiphenyl	*1.55*		*"*	*2.00*		*77.3*	*30-150*				
LCS Dup (BH10008-BSD1)						Prepared: 08/01/2011 Analyzed: 08/02/2011					
Methoxychlor	0.790	0.00500	ug/L	1.00		79.0	40-140		13.8	200	
Heptachlor epoxide	0.873	0.00100	"	1.00		87.3	40-140		4.98	200	
Heptachlor	0.856	0.00100	"	1.00		85.6	40-140		4.04	200	
gamma-BHC (Lindane)	0.893	0.00100	"	1.00		89.3	40-140		1.80	200	
Endrin	0.817	0.00100	"	1.00		81.7	40-140		10.6	200	
Surrogate: Tetrachloro-m-xylene	*2.15*		*"*	*2.00*		*107*	*30-150*				
Surrogate: Decachlorobiphenyl	*1.92*		*"*	*2.00*		*96.2*	*30-150*				

Organochlorine Pesticides by EPA SW 846-8081 - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH10207 - EPA 3550B											
Blank (BH10207-BLK1)						Prepared & Analyzed: 08/04/2011					
4,4'-DDD	ND	0.330	ug/kg wet								
4,4'-DDE	ND	0.330	"								
4,4'-DDT	ND	0.330	"								
Aldrin	ND	0.330	"								
alpha-BHC	ND	0.330	"								
beta-BHC	ND	0.330	"								
gamma-Chlordane	ND	0.330	"								
delta-BHC	ND	0.330	"								
Dieldrin	ND	0.330	"								
Endosulfan I	ND	0.330	"								
Endosulfan II	ND	0.330	"								
Endosulfan sulfate	ND	0.330	"								
Endrin	ND	0.330	"								
Endrin aldehyde	ND	0.330	"								
Endrin ketone	ND	0.330	"								
gamma-BHC (Lindane)	ND	0.330	"								
Heptachlor	ND	0.330	"								
Heptachlor epoxide	ND	0.330	"								
Methoxychlor	ND	1.65	"								
alpha-Chlordane	ND	0.330	"								
Toxaphene	ND	33.0	"								
Surrogate: Decachlorobiphenyl	*65.9*		*"*	*66.7*		*98.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*79.1*		*"*	*66.7*		*119*	*30-150*				
LCS (BH10207-BS1)						Prepared & Analyzed: 08/04/2011					
4,4'-DDD	30.7	0.330	ug/kg wet	33.3		92.2	40-140				
4,4'-DDE	28.8	0.330	"	33.3		86.4	40-140				
4,4'-DDT	26.7	0.330	"	33.3		80.0	40-140				
Aldrin	30.8	0.330	"	33.3		92.3	40-140				
alpha-BHC	30.7	0.330	"	33.3		92.0	40-140				
beta-BHC	32.3	0.330	"	33.3		96.8	40-140				
gamma-Chlordane	29.7	0.330	"	33.3		89.2	40-140				
delta-BHC	29.9	0.330	"	33.3		89.6	40-140				
Dieldrin	31.2	0.330	"	33.3		93.7	40-140				
Endosulfan I	31.5	0.330	"	33.3		94.5	40-140				
Endosulfan II	29.8	0.330	"	33.3		89.5	40-140				
Endosulfan sulfate	28.9	0.330	"	33.3		86.8	40-140				
Endrin	27.0	0.330	"	33.3		81.1	40-140				
Endrin aldehyde	26.7	0.330	"	33.3		80.2	40-140				
Endrin ketone	32.1	0.330	"	33.3		96.4	40-140				
gamma-BHC (Lindane)	29.3	0.330	"	33.3		87.9	40-140				
Heptachlor	27.8	0.330	"	33.3		83.4	40-140				
Heptachlor epoxide	28.5	0.330	"	33.3		85.6	40-140				
Methoxychlor	25.7	1.65	"	33.3		77.2	40-140				
alpha-Chlordane	28.2	0.330	"	33.3		84.7	40-140				
Surrogate: Decachlorobiphenyl	*65.0*		*"*	*66.7*		*97.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*73.3*		*"*	*66.7*		*110*	*30-150*				

Polychlorinated Biphenyls (PCB) by EPA SW 846-8082/EPA Compendium Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH10207 - EPA 3550B											
Blank (BH10207-BLK1)						Prepared & Analyzed: 08/04/2011					
Aroclor 1016	ND	0.0170	mg/kg wet								
Aroclor 1221	ND	0.0170	"								
Aroclor 1232	ND	0.0170	"								
Aroclor 1242	ND	0.0170	"								
Aroclor 1248	ND	0.0170	"								
Aroclor 1254	ND	0.0170	"								
Aroclor 1260	ND	0.0170	"								
Aroclor 1262	ND	0.0170	"								
Aroclor 1268	ND	0.0170	"								
Total PCBs	ND	0.0170	"								
Surrogate: Tetrachloro-m-xylene	*0.0737*		*"*	*0.0667*		*110*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0727*		*"*	*0.0667*		*109*	*30-150*				
LCS (BH10207-BS2)						Prepared & Analyzed: 08/04/2011					
Aroclor 1016	0.328	0.0170	mg/kg wet	0.333		98.5	40-140				
Aroclor 1260	0.315	0.0170	"	0.333		94.5	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0827*		*"*	*0.0667*		*124*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0787*		*"*	*0.0667*		*118*	*30-150*				

Chlorinated Herbicides by EPA Method 8151 - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH10066 - EPA 3550B/8151A											
Blank (BH10066-BLK1)							Prepared: 08/02/2011 Analyzed: 08/03/2011				
2,4-D	ND	100	ug/kg wet								
2,4,5-TP (Silvex)	ND	100	"								
2,4,5-T	ND	100	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*3240*		*"*	*2500*		*130*	*10-148*				
LCS (BH10066-BS1)							Prepared: 08/02/2011 Analyzed: 08/03/2011				
2,4-D	895	100	ug/kg wet	800		112	10-186				
2,4,5-TP (Silvex)	940	100	"	800		118	13.3-189				
2,4,5-T	940	100	"	800		118	11.2-181				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*3000*		*"*	*2500*		*120*	*10-148*				
LCS Dup (BH10066-BSD1)							Prepared: 08/02/2011 Analyzed: 08/03/2011				
2,4-D	870	100	ug/kg wet	800		109	10-186		2.83	38	
2,4,5-TP (Silvex)	895	100	"	800		112	13.3-189		4.90	39	
2,4,5-T	910	100	"	800		114	11.2-181		3.24	39	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*3080*		*"*	*2500*		*123*	*10-148*				
Batch BH10067 - EPA 3535A											
Blank (BH10067-BLK1)							Prepared: 08/01/2011 Analyzed: 08/02/2011				
2,4-D	ND	5.00	ug/L								
2,4,5-TP (Silvex)	ND	5.00	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*159*		*"*	*125*		*127*	*30-150*				
LCS (BH10067-BS1)							Prepared: 08/01/2011 Analyzed: 08/02/2011				
2,4-D	27.0	5.00	ug/L	40.0		67.5	30-120				
2,4,5-TP (Silvex)	34.2	5.00	"	40.0		85.6	30-127				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*118*		*"*	*125*		*94.2*	*30-150*				

Chlorinated Herbicides by EPA Method 8151 - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH10067 - EPA 3535A											
LCS Dup (BH10067-BSD1)								Prepared: 08/01/2011 Analyzed: 08/02/2011			
2,4-D	30.2	5.00	ug/L	40.0		75.6	30-120		11.4	25	
2,4,5-TP (Silvex)	37.8	5.00	"	40.0		94.4	30-127		9.72	25	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*132*		*"*	*125*		*106*	*30-150*				

Gas Chromatography/Flame Ionization Determination - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH10227 - EPA 3550B											
Blank (BH10227-BLK1)							Prepared: 08/04/2011 Analyzed: 08/05/2011				
Total Petroleum Hydrocarbons-DRO	ND	10.0	mg/kg wet								
Surrogate: Triacontane	*0.00*		*"*	*10.0*			*30-150*				
LCS (BH10227-BS1)							Prepared: 08/04/2011 Analyzed: 08/05/2011				
Total Petroleum Hydrocarbons-DRO	188	10.0	mg/kg wet	172		109	40-150				
Surrogate: Triacontane	*10.2*		*"*	*10.0*		*102*	*30-150*				

Metals by EPA 6000 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH10022 - EPA SW 846-3010A											
Blank (BH10022-BLK1)							Prepared & Analyzed: 08/01/2011				
Arsenic	ND	0.010	mg/L								
Barium	ND	0.010	"								
Cadmium	ND	0.003	"								
Chromium	ND	0.005	"								
Lead	ND	0.003	"								
Selenium	ND	0.010	"								
Silver	ND	0.005	"								
Blank (BH10022-BLK2)							Prepared & Analyzed: 08/01/2011				
Arsenic	ND	0.010	mg/L								
Barium	ND	0.010	"								
Cadmium	ND	0.003	"								
Chromium	ND	0.005	"								
Lead	ND	0.003	"								
Selenium	0.012	0.010	"								
Silver	ND	0.005	"								
Reference (BH10022-SRM1)							Prepared & Analyzed: 08/01/2011				
Arsenic	0.553	0.010	mg/L	0.547		101	83.9-117				
Barium	0.329	0.010	"	0.301		109	86.7-113				
Cadmium	0.249	0.003	"	0.239		104	84.9-114				
Chromium	0.638	0.005	"	0.626		102	87.1-113				
Lead	0.506	0.003	"	0.466		109	86.9-113				
Selenium	0.919	0.010	"	0.928		99.1	79.4-115				
Silver	0.247	0.005	"	0.260		94.9	85.8-115				
Batch BH10051 - EPA SW 846-3050B											
Blank (BH10051-BLK1)							Prepared & Analyzed: 08/01/2011				
Aluminum	ND	2.00	mg/kg wet								
Antimony	ND	0.500	"								
Arsenic	ND	0.500	"								
Barium	ND	0.500	"								
Beryllium	ND	0.010	"								
Cadmium	ND	0.500	"								
Calcium	ND	2.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.500	"								
Copper	ND	0.500	"								
Iron	ND	1.00	"								
Lead	ND	0.300	"								
Magnesium	ND	2.00	"								
Manganese	ND	1.00	"								
Nickel	ND	0.500	"								
Potassium	ND	10.0	"								
Selenium	ND	0.500	"								
Silver	ND	0.500	"								
Sodium	ND	10.0	"								
Thallium	ND	0.500	"								
Vanadium	ND	0.500	"								
Zinc	ND	0.500	"								

Metals by EPA 6000 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH10051 - EPA SW 846-3050B											
Reference (BH10051-SRM1)						Prepared & Analyzed: 08/01/2011					
Aluminum	6780	2.00	mg/kg wet	9780		69.3	44.4-155				
Antimony	126	0.500	"	121		104	21.4-251				
Arsenic	115	0.500	"	109		105	69.9-131				
Barium	335	0.500	"	325		103	74.2-126				
Beryllium	94.9	0.010	"	92.1		103	74.5-126				
Cadmium	117	0.500	"	110		106	73.3-126				
Calcium	6770	2.00	"	6700		101	74-126				
Chromium	90.6	0.500	"	93.4		97.0	69.3-131				
Cobalt	147	0.500	"	133		111	74.3-126				
Copper	85.0	0.500	"	74.7		114	73.6-127				
Iron	9950	1.00	"	13100		76.0	32.4-167				
Lead	156	0.300	"	152		103	73.7-126				
Magnesium	2320	2.00	"	2980		78.0	65.8-134				
Manganese	484	1.00	"	443		109	76.7-124				
Nickel	129	0.500	"	109		119	72.3-127				
Potassium	2280	10.0	"	2770		82.1	61.7-138				
Selenium	219	0.500	"	207		106	68.6-131				
Silver	50.3	0.500	"	51.9		96.8	66.5-133				
Sodium	990	10.0	"	724		137	56.6-144				
Thallium	184	0.500	"	171		108	68.4-131				
Vanadium	106	0.500	"	110		96.2	67-133				
Zinc	288	0.500	"	299		96.3	71.6-128				

TCLP Metals by EPA SW846-1311/6010B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH10022 - EPA SW 846-3010A											
Blank (BH10022-BLK1)						Prepared & Analyzed: 08/01/2011					
Lead	ND	0.00300	mg/L								
Blank (BH10022-BLK2)						Prepared & Analyzed: 08/01/2011					
Lead	ND	0.00300	mg/L								
Reference (BH10022-SRM1)						Prepared & Analyzed: 08/01/2011					
Lead	0.506	0.00300	mg/L	0.466		109	86.9-113				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG11066 - EPA SW846-7470											
Blank (BG11066-BLK1)						Prepared & Analyzed: 08/01/2011					
Mercury	ND	0.0002000	mg/L								
LCS (BG11066-BS1)						Prepared & Analyzed: 08/01/2011					
Mercury	0.002880	0.0002000	mg/L	0.00300		96.0	80-120				
Batch BG11084 - EPA SW846-7471											
Blank (BG11084-BLK1)						Prepared & Analyzed: 08/01/2011					
Mercury	ND	0.100	mg/kg wet								
LCS (BG11084-BS1)						Prepared & Analyzed: 08/01/2011					
Mercury	2.90		mg/kg	2.96		98.0	80-120				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH10077 - Analysis Preparation											
Blank (BH10077-BLK1)						Prepared & Analyzed: 08/02/2011					
Reactivity - Cyanide	ND	0.250	mg/kg								
Batch BH10098 - Analysis Preparation											
Blank (BH10098-BLK1)						Prepared & Analyzed: 08/02/2011					
Reactivity - Sulfide	ND	15.0	mg/kg								

Notes and Definitions

S-BN	Base/Neutral surrogate recovery outside of control limits. The data was accepted based on valid recovery of remaining two base/neutral surrogates.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration.
IGN-01	Non-Ignit.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

ND	Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
MDL	METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

Corrective Action:

YORK
ANALYTICAL LABORATORIES, INC.
120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. 160898

YOUR Information

Company: LANGAN ENGINEERING
Address: 360 West 31st St
New York, NY 10001
Phone No. 212-479-5400
Contact Person: Clay Patterson
E-Mail Address: cpatterson@langan.com

Report To:

Company:
Address: SAME
Phone No.
Attention:
E-Mail Address:

Invoice To:

Company:
Address: SAME
Phone No.
Attention:
E-Mail Address:

YOUR Project ID

170150101

Purchase Order No.

Samples from: CT ___ NY X NJ ___

Turn-Around Time

- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) X

Report Type/Deliverbles

- Summary Report X
- Summary w/ QA Summary X
- CT RCP Package ___
- NY ASP A Package ___
- NY ASP B Package ___
- *Electronic Deliverables:*
- EDD (Specify Type) ___
- Excel Langan

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

SARA MEISNER
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Common Miscellaneous Parameters		
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity	Nitrate	Color
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity	Nitrite	Phenols
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability	TKN	Cyanide-T
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point	Tot.Nitrogen	Cyanide-A
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.	Ammonia-N	BOD5
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs	Chloride	CBOD5
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX	Phosphate	BOD28
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.	Tot. Phos.	COD
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.	Oil&Grease	TSS
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC	F.O.G.	Total Solids
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos	pH	TDS
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica	MBAS	TPH-1664

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
B-1 (0-2')	1100 7/26/11	SOIL	TPH, DRO, TCLP Lead	(1) 8oz
B-2 (0-2')	1200 7/26/11	SOIL	TPH, DRO, TCLP Lead	(1) 8oz
B-4 (0-2')	1300 7/26/11	SOIL	TPH, DRO, TCLP Lead	(1) 8oz
NC-2	1400 7/26/11	SOIL	TCL VOCs, TCL SVOCs, TAL Metals, PCBs, Pesticides, Herbicides RCRA characteristics - ignitability, corrosivity, reactivity, & toxicity via TCLP for VOCs, SVOCs, pesticides, herbicides, and metals.	(3) 8oz (1) 2oz

Comments

Preservation Check those Applicable: 4°C ___ Frozen ___ HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other ___

Samples Relinquished By — Date/Time: 0900 7/27/11
Samples Relinquished By — Date/Time:
Samples Received By — Date/Time: 7/27/11 1205
Samples Received in LAB by — Date/Time: 7/29/11 1540

Temperature on Receipt 5.0°C

7.2 – Technical Report

Frank Quintanilla

To: Rebecca Wolf
Subject: RE: Petroleum study - Queens Botanical Garden

From: Matthew Koch <mkoch@Langan.com>
Sent: Thursday, September 5, 2024 6:53:50 PM
To: Rebecca Wolf <rwolf@queensbotanical.org>
Cc: Eban Singer <esinger@bkskarch.com>; Steven Diemer <sdiemer@langan.com>
Subject: Petroleum study - Queens Botanical Garden

[EXTERNAL]
Rebecca,
I've attached the results of the environmental testing that was performed to identify petroleum hydrocarbon concentrations within the upper 4 feet of soil located adjacent to the boring that was performed within the limits of the proposed pavilion.
The total petroleum hydrocarbons (DRO C10-C44) results show that the concentrations ranged from 22.5 to 78.3 mg/kg. **These concentration levels are below the industry standard actionable levels for petroleum**.

There is not a standard for the analytic result for petroleum hydrocarbons in the NYSDEC Part 375 Soil Cleanup Objectives, but these results are below the most stringent investigation contingent concentration levels for petroleum in New Jersey (100 mg/kg) and well below most stringent regulatory standard in New Jersey (1,700 mg/kg).

The cost for the environmental testing was approximately $300. I'm confident that I can cover that fee in our previously agreed upon proposal for geotechnical services as long as no additional scope of services is requested. I'll confirm this though once our geotechnical assessment and report are finalized.

Please let me know if you require something more formal than this email.
I've also cc'd my Environmental colleague, Steven Diemer, who coordinated the effort and summarized the results for you in case you have any additional questions.

Kind regards,
Matt

Matthew Koch, PE
Associate

LANGAN

Direct: 973.560.4261
Mobile: 908.268.1668
File Sharing Link
www.langan.com

NEW JERSEY NEW YORK CONNECTICUT MASSACHUSETTS PENNSYLVANIA VIRGINIA WASHINGTON, DC
OHIO ILLINOIS NORTH CAROLINA TENNESSEE FLORIDA TEXAS ARIZONA COLORADO UTAH WASHINGTON CALIFORNIA
ATHENS CALGARY DUBAI LONDON PANAMA

From: Rebecca Wolf <rwolf@queensbotanical.org>
Sent: Friday, August 23, 2024 12:02 PM
To: Matthew Koch <mkoch@Langan.com>
Cc: Eban Singer <esinger@bkskarch.com>
Subject: [External] petroleum study

Hi Matt,
As discussed on the phone, please proceed with petroleum testing for 0-4 feet for the boring site at the open air pavilion.
Please let me know if you have questions.

Thanks,
Rebecca

Rebecca Wolf
Deputy Director
Queens Botanical Garden
43-50 Main Street, Flushing, NY 11355
Email: rwolf@queensbotanical.org
Phone: 718-886-3800, ext. 237 | Fax: 718-463-0263
Facebook | Instagram | Twitter | E-News

This message may contain confidential, proprietary, or privileged information. Confidentiality or privilege is not intended to be waived or lost by erroneous transmission of this message. If you receive this message in error, please notify the sender immediately by return email and delete this message from your system. Disclosure, use, distribution, or copying of a message or any of its attachments by anyone other than the intended recipient is strictly prohibited.

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential
Compound	**CAS Number**	
Total Petro. Hydrocarbons-DRO (C10-C44) **Dilution Factor** Total Petroleum Hydrocarbons-DRO		~
Total Solids **Dilution Factor** % Solids	solids	~

NOTES:

Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - c

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

E=result is estimated and cannot be accurately reported due to levels encountered or interferences

P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for de

NT=this indicates the analyte was not a target for this sample

~=this indicates that no regulatory limit has been established for this analyte

DISCLAIMER:

York Analytical Laboratories, Inc. is providing this information as a convenience to you. York makes no warranties that these data are accurate, complete or represent the latest regulatory authority limits or responsible for any errors or omissions in these specific regulations. Your use of these data constitute these limitations and you agree to hold York harmless from any and all action that may arise from use c regulations change often, we encourage the user to review the regulatory limits and lists of interest to

NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Protection of GW	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential
~	~	~	~
~	~	~	~

data is estimated

etected concentrations that exceed method dictated limits between the two GC columns used for analy

representations or
analytes. York is not
your understanding of
of said information. As
confirm these data.

NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	LB-01-B, S-1, D: 0-1ft 24H1744-01 8/26/2024 12:05:00 PM Soil		LB-01-B, S-2, D: 2-3ft 24H1744-02 8/26/2024 12:15:00 PM Soil	
	Result	Q	Result	Q
	mg/kg		mg/kg	
	1		1	
~	22.500		47.900	
	%		%	
	1		1	
~	79.800		87.900	

/sis

LB-01-B, S-3, D: 3-4ft 24H1744-03 8/26/2024 12:25:00 PM Soil	
Result	Q
mg/kg 1 78.300	
% 1 75	

Key
Required
Lookup
Lookup And Required

Format Name: NYSDEC
Format Version: 5.0.0.024

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Steven Diemer

Report Date: 08/30/2024
Client Project ID: 101164001
York Project (SDG) No.: 24H1744

Report Date: 08/30/2024
Client Project ID: 101164001
York Project (SDG) No.: 24H1744

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Steven Diemer

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on August 26, 2024 and listed below. The project was identified as your project: **101164001**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24H1744-01	LB-01-B, S-1, D: 0-1ft	Soil	08/26/2024	08/26/2024
24H1744-02	LB-01-B, S-2, D: 2-3ft	Soil	08/26/2024	08/26/2024
24H1744-03	LB-01-B, S-3, D: 3-4ft	Soil	08/26/2024	08/26/2024

General Notes for York Project (SDG) No.: 24H1744

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By **Date:** 08/30/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: **LB-01-B, S-1, D: 0-1ft** **York Sample ID:** **24H1744-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1744	101164001	Soil	August 26, 2024 12:05 pm	08/26/2024

Total Petro. Hydrocarbons-DRO (C10-C44)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	*** Total Petroleum Hydrocarbons-DRO**	**22.5**		mg/kg dry	12.2	1	EPA 8015D Certifications: PADEP-68-04440	08/29/2024 14:45	08/30/2024 12:11	GXB

	Surrogate Recoveries	Result	Acceptance Range
638-68-6	*Surrogate: Triacontane*	*72.0 %*	*30-150*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**79.8**		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	08/29/2024 12:10	08/29/2024 14:20	HLY

Sample Information

Client Sample ID: LB-01-B, S-2, D: 2-3ft **York Sample ID:** 24H1744-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1744	101164001	Soil	August 26, 2024 12:15 pm	08/26/2024

Total Petro. Hydrocarbons-DRO (C10-C44)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	*** Total Petroleum Hydrocarbons-DRO**	**47.9**		mg/kg dry	11.0	1	EPA 8015D Certifications: PADEP-68-04440	08/29/2024 14:45	08/30/2024 12:34	GXB

	Surrogate Recoveries	Result	Acceptance Range
638-68-6	*Surrogate: Triacontane*	*81.2 %*	*30-150*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**87.9**		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	08/29/2024 12:10	08/29/2024 14:20	HLY

Sample Information

Client Sample ID: **LB-01-B, S-3, D: 3-4ft** **York Sample ID:** **24H1744-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1744	101164001	Soil	August 26, 2024 12:25 pm	08/26/2024

Total Petro. Hydrocarbons-DRO (C10-C44)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	*** Total Petroleum Hydrocarbons-DRO**	**78.3**		mg/kg dry	12.9	1	EPA 8015D Certifications: PADEP-68-04440	08/29/2024 14:45	08/30/2024 13:21	GXB

	Surrogate Recoveries	Result	Acceptance Range
638-68-6	*Surrogate: Triacontane*	*62.0 %*	*30-150*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**75.0**		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	08/29/2024 12:10	08/29/2024 14:20	HLY

Analytical Batch Summary

Batch ID: BH41937 **Preparation Method:** % Solids Prep **Prepared By:** HLY

YORK Sample ID	Client Sample ID	Preparation Date
24H1744-01	LB-01-B, S-1, D: 0-1ft	08/29/24
24H1744-02	LB-01-B, S-2, D: 2-3ft	08/29/24
24H1744-03	LB-01-B, S-3, D: 3-4ft	08/29/24

Batch ID: BH41996 **Preparation Method:** EPA 3550C **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24H1744-01	LB-01-B, S-1, D: 0-1ft	08/29/24
24H1744-02	LB-01-B, S-2, D: 2-3ft	08/29/24
24H1744-03	LB-01-B, S-3, D: 3-4ft	08/29/24
BH41996-BLK1	Blank	08/29/24
BH41996-BS1	LCS	08/29/24

Gas Chromatography/Flame Ionization Detector - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41996 - EPA 3550C											
Blank (BH41996-BLK1) Blank									Prepared: 08/29/2024 Analyzed: 08/30/2024		
Total Petroleum Hydrocarbons-DRO	ND	9.90	mg/kg wet								
Surrogate: Triacontane	*6.78*		*"*	*9.90*		*68.5*	*30-150*				
LCS (BH41996-BS1) LCS									Prepared: 08/29/2024 Analyzed: 08/30/2024		
Total Petroleum Hydrocarbons-DRO	110	9.90	mg/kg wet	170		64.8	40-140				
Surrogate: Triacontane	*6.23*		*"*	*9.90*		*62.9*	*30-150*				

Sample and Data Qualifiers Relating to This Work Order

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | 56 Church Hill Rd. #2 Newtown, CT 06470 | 2161 Whitesville Rd Toms River, NJ 08755 | clientservices@yorklab.com | 800-306-YORK

YORK Project Number: 24H1744

Page 1 of 1

Report To:	Invoice To:
Company: Langan Engineering	Company: Langan Engineering
Address: 300 Kimball Dr. Parsipany NJ.	Address: 300 Kimball Dr. Parsipany NJ.
Phone.: 973-560-4649	Phone.: 908-268-1668
Contact: Steve Diemer	Contact: Matthew Koch.
E-mail: Sdiemer@langan.com	E-mail: mkocha@Langan.com

YOUR Project Name / Number: LANGAN: 101164001

PO Number: PJN, PO

Samples Collected From: NY ✓ | NJ | CT | PA | Other: (please specify)

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Manish Pokhrel

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Preservative (please list number of containers)

Analyses Requested

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other:	TPH-DRO	Grab or Comp. G/C
LB-01-B, S-1, D: 0-1 ft	08/26	12:05PM	S-Soil	✓											
LB-01-B, S-2, D: 2-3 ft	08/26	12:15PM	S-Soil	✓											
LB-01-B, S-3, D: 3-4 ft	08/26	12:25PM	S-Soil	✓											

Turn-Around Time: RUSH - Next Day; RUSH - Two Day; RUSH - Three Day; RUSH - Four Day; RUSH - Five Day; Standard (6-9 Day); PFAS Standard 7-10 Day

Report Type (circle): QA Report; Summary (Results Only); NY ASP B Package; NJ Reduced; NJ DKQP; NJ Full; CT RCP

EDD Type (circle): EQuIS (standard); NYSDEC EQuIS; NJDEP SRP Haz Site; Standard Excel; CMDP; Other:

Regulatory Comparative

Compared to the following Regulation(s): (please fill in)

Field Filtered

Lab Filtered

Comments:

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / N | Containers Intact: Y / N | COC/Labels Agree: Y / N | Preservation Confirmed: Y / N

COC Complete: Y / N | COC Received: Y / N | Appropriate Sample Volumes: Y / N | Appropriate Sample Containers: Y / N

Cooler Temperature Confirmed: Y / N | Samples Submitted within Holding Time: Y / N | Corrective Action Form Required: Y / N

Samples iced/chilled at time of lab pickup? circle Yes or No

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Manish Pokhrel / LANGAN	2:30 08/26	Ramon Barrios	8/26/24 1430	[illegible]	8/26/24 1940
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time 8/26/24 19:40 Temperature 5.1°C Degrees C

8.1 – IpaC Species List

United States Department of the Interior

FISH AND WILDLIFE SERVICE
Long Island Ecological Services Field Office
340 Smith Road
Shirley, NY 11967-2258
Phone: (631) 286-0485 Fax: (631) 286-4003

In Reply Refer To: 01/06/2026 16:56:53 UTC
Project Code: 2026-0032862
Project Name: Queens Botanical Garden Pavilion

Subject: List of threatened and endangered species that may occur in your proposed project location or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2)(c)). For projects other than major construction activities, the Service suggests that a biological

evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

https://www.fws.gov/sites/default/files/documents/endangered-species-consultation-handbook.pdf

Migratory Birds: In addition to responsibilities to protect threatened and endangered species under the Endangered Species Act (ESA), there are additional responsibilities under the Migratory Bird Treaty Act (MBTA) and the Bald and Golden Eagle Protection Act (BGEPA) to protect native birds from project-related impacts. Any activity resulting in take of migratory birds, including eagles, is prohibited unless otherwise permitted by the U.S. Fish and Wildlife Service (50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)). For more information regarding these Acts, see https://www.fws.gov/program/migratory-bird-permit/what-we-do.

It is the responsibility of the project proponent to comply with these Acts by identifying potential impacts to migratory birds and eagles within applicable NEPA documents (when there is a federal nexus) or a Bird/Eagle Conservation Plan (when there is no federal nexus). Proponents should implement conservation measures to avoid or minimize the production of project-related stressors or minimize the exposure of birds and their resources to the project-related stressors. For more information on avian stressors and recommended conservation measures, see https://www.fws.gov/library/collections/threats-birds.

In addition to MBTA and BGEPA, Executive Order 13186: *Responsibilities of Federal Agencies to Protect Migratory Birds*, obligates all Federal agencies that engage in or authorize activities that might affect migratory birds, to minimize those effects and encourage conservation measures that will improve bird populations. Executive Order 13186 provides for the protection of both migratory birds and migratory bird habitat. For information regarding the implementation of Executive Order 13186, please visit https://www.fws.gov/partner/council-conservation-migratory-birds.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Code in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List

OFFICIAL SPECIES LIST

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

Long Island Ecological Services Field Office
340 Smith Road
Shirley, NY 11967-2258
(631) 286-0485

PROJECT SUMMARY

Project Code: 2026-0032862
Project Name: Queens Botanical Garden Pavilion
Project Type: Federal Grant / Loan Related
Project Description: The proposed project involves construction of an approximately 3,200 square foot open air pavilion structure and composting toilets. Project activities would include
• Site Demolition: which would likely include Shrub removal, clearing of debris, and topsoil stripping.
• Excavation and grading: Grading (shaping and leveling the ground surface) to design specifications, creating utility trenches and establishing drainage slopes.
• Pile installation: Installation of piles for the foundation.
• Foundation construction: Concrete cast in place foundation
• Stage construction: The stage would be a concrete cast in place slab (additional ground disturbance not anticipated but possible). There will also be prefabricated columns that will be installed to complete the structure.
• Utility installation: Installation of water lines for irrigation, and power lines for the stage.
• Landscaping: Final grading, likely an installation of erosion control measures such as a jute mesh, rain garden planting, installation of tall grasses, shrubs, and the installation of a new Katsura tree.
• Site furnishing: Installation of bench bump outs for benches will involve minor ground disturbance.

Project Location:

The approximate location of the project can be viewed in Google Maps: https://www.google.com/maps/@40.74971975,-73.83202938652475,14z

Counties: Queens County, New York

ENDANGERED SPECIES ACT SPECIES

There is a total of 3 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries[1], as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

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1. NOAA Fisheries, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

BIRDS

NAME	STATUS
Piping Plover *Charadrius melodus* Population: [Atlantic Coast and Northern Great Plains populations] - Wherever found, except those areas where listed as endangered. There is **final** critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/6039	Threatened
Rufa Red Knot *Calidris canutus rufa* There is **proposed** critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/1864	Threatened

INSECTS

NAME	STATUS
Monarch Butterfly *Danaus plexippus* There is **proposed** critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/9743	Proposed Threatened

CRITICAL HABITATS

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

YOU ARE STILL REQUIRED TO DETERMINE IF YOUR PROJECT(S) MAY HAVE EFFECTS ON ALL ABOVE LISTED SPECIES.

IPAC USER CONTACT INFORMATION

Agency:	New York city
Name:	Juliet Jacobs
Address:	255 Greenwich St
Address Line 2:	8th Floor
City:	New York
State:	NY
Zip:	10007
Email	jacobsjuliet@omb.nyc.gov
Phone:	2127881653

United States Department of the Interior

FISH AND WILDLIFE SERVICE
Long Island Ecological Services Field Office
340 Smith Road
Shirley, NY 11967-2258
Phone: (631) 286-0485 Fax: (631) 286-4003

In Reply Refer To: 01/06/2026 18:34:36 UTC
Project code: 2026-0032862
Project Name: Queens Botanical Garden Pavilion

Federal Nexus: yes
Federal Action Agency (if applicable): New York city

Subject: Federal agency coordination under the Endangered Species Act, Section 7 for 'Queens Botanical Garden Pavilion'

Dear Juliet Jacobs:

This letter records your determination using the Information for Planning and Consultation (IPaC) system provided to the U.S. Fish and Wildlife Service (Service) on January 06, 2026, for “Queens Botanical Garden Pavilion” (here forward, Project). This project has been assigned Project Code 2026-0032862 and all future correspondence should clearly reference this number.

The Service developed the IPaC system and associated species’ determination keys in accordance with the Endangered Species Act of 1973 (ESA; 87 Stat. 884, as amended; 16 U.S.C. 1531 et seq.) and based on a standing analysis. All information submitted by the Project proponent into the IPaC must accurately represent the full scope and details of the Project. Failure to accurately represent or implement the Project as detailed in IPaC or the Northeast Determination Key (DKey), invalidates this letter. ***Answers to certain questions in the DKey commit the project proponent to implementation of conservation measures that must be followed for the ESA determination to remain valid.***

To make a no effect determination, the full scope of the proposed project implementation (action) should not have any effects (either positive or negative effect(s)), to a federally listed species or designated critical habitat. Effects of the action are all consequences to listed species or critical habitat that are caused by the proposed action, including the consequences of other activities that are caused by the proposed action. A consequence is caused by the proposed action if it would not occur but for the proposed action and it is reasonably certain to occur. Effects of the action may occur later in time and may include consequences occurring outside the immediate area involved in the action. (See § 402.17). Under Section 7 of the ESA, if a federal action agency makes a no effect determination, no further consultation with, or concurrence from, the Service is required (ESA §7). If a proposed Federal action may affect a listed species or designated critical

habitat, formal consultation is required (except when the Service concurs, in writing, that a proposed action "is not likely to adversely affect" listed species or designated critical habitat [50 CFR §402.02, 50 CFR§402.13]).

The IPaC results indicated the following species is (are) potentially present in your project area and, based on your responses to the Service's Northeast DKey, you determined the proposed Project will have the following effect determinations:

Species	Listing Status	Determination
Piping Plover (*Charadrius melodus*)	Threatened	No effect
Rufa Red Knot (*Calidris canutus rufa*)	Threatened	No effect

Conclusion If there are no updates on listed species, no further consultation/coordination for this project is required for the species identified above. However, the Service recommends that project proponents re-evaluate the Project in IPaC if: 1) the scope, timing, duration, or location of the Project changes (includes any project changes or amendments); 2) new information reveals the Project may impact (positively or negatively) federally listed species or designated critical habitat; or 3) a new species is listed, or critical habitat designated. If any of the above conditions occurs, additional consultation with the Service should take place before project implements any changes which are final or commits additional resources.

Other Species and Critical Habitat that May be Present in the Action Area

In addition to the species listed above, the following species and/or critical habitats may also occur in your project area and are not covered by this conclusion:

- Monarch Butterfly *Danaus plexippus* Proposed Threatened

Please Note: If the Action may impact bald or golden eagles, additional coordination with the Service under the Bald and Golden Eagle Protection Act (BGEPA) (54 Stat. 250, as amended, 16 U.S.C. 668a-d) by the prospective permittee may be required. Please contact the Migratory Birds Permit Office, (413) 253-8643, or PermitsR5MB@fws.gov, with any questions regarding potential impacts to Eagles.

If you have any questions regarding this letter or need further assistance, please contact the Long Island Ecological Services Field Office and reference the Project Code associated with this Project.

Action Description
You provided to IPaC the following name and description for the subject Action.

1. Name

Queens Botanical Garden Pavilion

2. Description

The following description was provided for the project 'Queens Botanical Garden Pavilion':

> The proposed project involves construction of an approximately 3,200 square foot open air pavilion structure and composting toilets. Project activities would include
> • Site Demolition: which would likely include Shrub removal, clearing of debris, and topsoil stripping.
> • Excavation and grading: Grading (shaping and leveling the ground surface) to design specifications, creating utility trenches and establishing drainage slopes.
> • Pile installation: Installation of piles for the foundation.
> • Foundation construction: Concrete cast in place foundation
> • Stage construction: The stage would be a concrete cast in place slab (additional ground disturbance not anticipated but possible). There will also be prefabricated columns that will be installed to complete the structure.
> • Utility installation: Installation of water lines for irrigation, and power lines for the stage.
> • Landscaping: Final grading, likely an installation of erosion control measures such as a jute mesh, rain garden planting, installation of tall grasses, shrubs, and the installation of a new Katsura tree.
> • Site furnishing: Installation of bench bump outs for benches will involve minor ground disturbance.

The approximate location of the project can be viewed in Google Maps: https://www.google.com/maps/@40.74971975,-73.83202938652475,14z

QUALIFICATION INTERVIEW

1. As a representative of this project, do you agree that all items submitted represent the complete scope of the project details and you will answer questions truthfully?

   Yes

2. Does the proposed project include, or is it reasonably certain to cause, intentional take of listed species?

   Note: This question could refer to research, direct species management, surveys, and/or studies that include intentional handling/encountering, harassment, collection, or capturing of any individual of a federally listed threatened, endangered, or proposed species.

   No

3. Is the action authorized, permitted, licensed, funded, or being carried out by a Federal agency in whole or in part?

   Note: for projects in Pennsylvania: Projects requiring authorization under Section 404 of the Clean Water Act and/or Section 10 of the Rivers and Harbors Act would be considered as having a federal nexus. Since the U.S. Army Corps of Engineers (Corps) has issued the Pennsylvania State Programmatic General Permit (PASPGP), which may be verified by the PA Department of Environmental Protection or certain Conservation Districts, the need to receive a Corps authorization to perform the work under the PASPGP serves as a federal nexus. As such, if proposing to use the PASPGP, you would answer ‘yes’ to this question.

   Yes

4. Are you including in this analysis all impacts to federally listed species that may result from the entirety of the project (not just the activities under federal jurisdiction)?

   Note: If there are project activities that will impact listed species that are considered to be outside of the jurisdiction of the federal action agency submitting this key, contact your local Ecological Services Field Office to determine whether it is appropriate to use this key. If your Ecological Services Field Office agrees that impacts to listed species that are outside the federal action agency's jurisdiction will be addressed through a separate process, you can answer yes to this question and continue through the key.

   Yes

5. Are you the lead federal action agency or designated non-federal representative requesting concurrence on behalf of the lead Federal Action Agency?

   Yes

6. Is the lead federal action agency the Environmental Protection Agency (EPA) or Federal Communications Commission (FCC)?

   No

7. Is the lead federal action agency the Federal Energy Regulatory Commission (FERC)?

   No

8. Is the lead federal action agency the Natural Resources Conservation Service?

   No

9. Will the proposed project involve the use or storage of herbicide?

   No

10. Will the proposed project involve herbaceous native vegetation removal (including prescribed fire that would result in burning of plants) or mowing?

    Yes

11. Does any component of the project associated with this action include activities or structures that may pose a collision risk to **birds** (e.g., plane-based surveys, new or enlarged communication towers or broadcast towers, high voltage transmission lines, any type of towers with or without guy wires)?

    No

12. Will the proposed project involve demolition, rehabilitation, property elevation, renovation, and/or rebuilding of one or more existing buildings (e.g., residential, commercial and industrial buildings, or utilities)? Note: if project activities include modification of bridges and/or culverts, answer this question "No".

    No

13. Will the proposed project involve earth moving or other ground disturbance that could cause erosion and sedimentation, and/or contamination within 300 feet of a freshwater wetland or along a stream?

    Note: Answer "Yes" to this question if erosion and sediment control measures will be used.

    No

14. Will the proposed project impact streams or tributaries of streams where listed species may be present through activities such as, but not limited to, valley fills, large-scale vegetation removal that could result in ground destabilization, and/or change in site topography?

    No

15. Will the proposed project involve vegetation removal within 300 feet of a perennial stream bank where aquatic listed species may be present?

    No

16. Will erosion and sedimentation control Best Management Practices (BMPs) associated with applicable state and/or Federal permits, be applied to the project?

    Note: If BMPs have been provided by and/or coordinated with and approved by the appropriate Ecological Services Field Office, answer "Yes" to this question.

    No

17. Is the project being funded, lead, or managed in whole or in part by U.S Fish and Wildlife Restoration and Recovery Program (e.g., Partners, Coastal, Fisheries, Wildlife and Sport Fish Restoration, Refuges)?

    No

18. Will the proposed project result in changes to beach dynamics that may modify formation of habitat over time? **Note:** Examples of projects that result in changes to beach dynamics include 1) construction of offshore breakwaters, bulkheads, revetments, and groins; 2) mining of sand from an updrift ebb tidal delta; 3) removing or adding beach sands; and 4) projects that stabilize dunes (including placement of sand fences or planting vegetation).

    No

19. Will the proposed project involve dredging within 0.5 mile of the Mean Lower Low Water line?

    No

20. Will the proposed project involve oil, gas and other energy development, production, or large-scale transport or storage of petroleum products and/or spill response planning?

    No

21. [Hidden Semantic] Is the project area located within the piping plover species list area?

    Automatically answered
    Yes

22. Does the project include activity in or within 500 feet of an unstabilized dune, dry beach, wrack line, or intertidal habitat (e.g., beach "swash" zone, sand or mud flat)?

    No

23. [Hidden Semantic] Is the project area located within the piping plover species list area?

    Automatically answered
    Yes

24. [Hidden Semantic] Is the project area located within the red knot species list area?

    Automatically answered
    Yes

25. Does the project include any activity in or within 500 feet of an unstabilized dune, dry beach, wrack line, or sparsely vegetated intertidal habitat of any kind (e.g., beach "swash" zone, sand flat, mud flat, algal flat, shoal, sand spot, islet, peat bank, tidal marsh blowout/ pan)?

    No

26. Does the project intersect the Small-anthered bittercress species list area?

    Automatically answered
    No

27. Does the project intersect the Smooth Coneflower species list area?

    Automatically answered
    No

28. Do you have any other documents that you want to include with this submission?

    No

PROJECT QUESTIONNAIRE

1. Approximately how many acres of trees would the proposed project remove?

   1.7

2. Approximately how many total acres of disturbance are within the disturbance/ construction limits of the proposed project?

   1.7

3. Briefly describe the habitat within the construction/disturbance limits of the project site.

   Dedicated parkland.

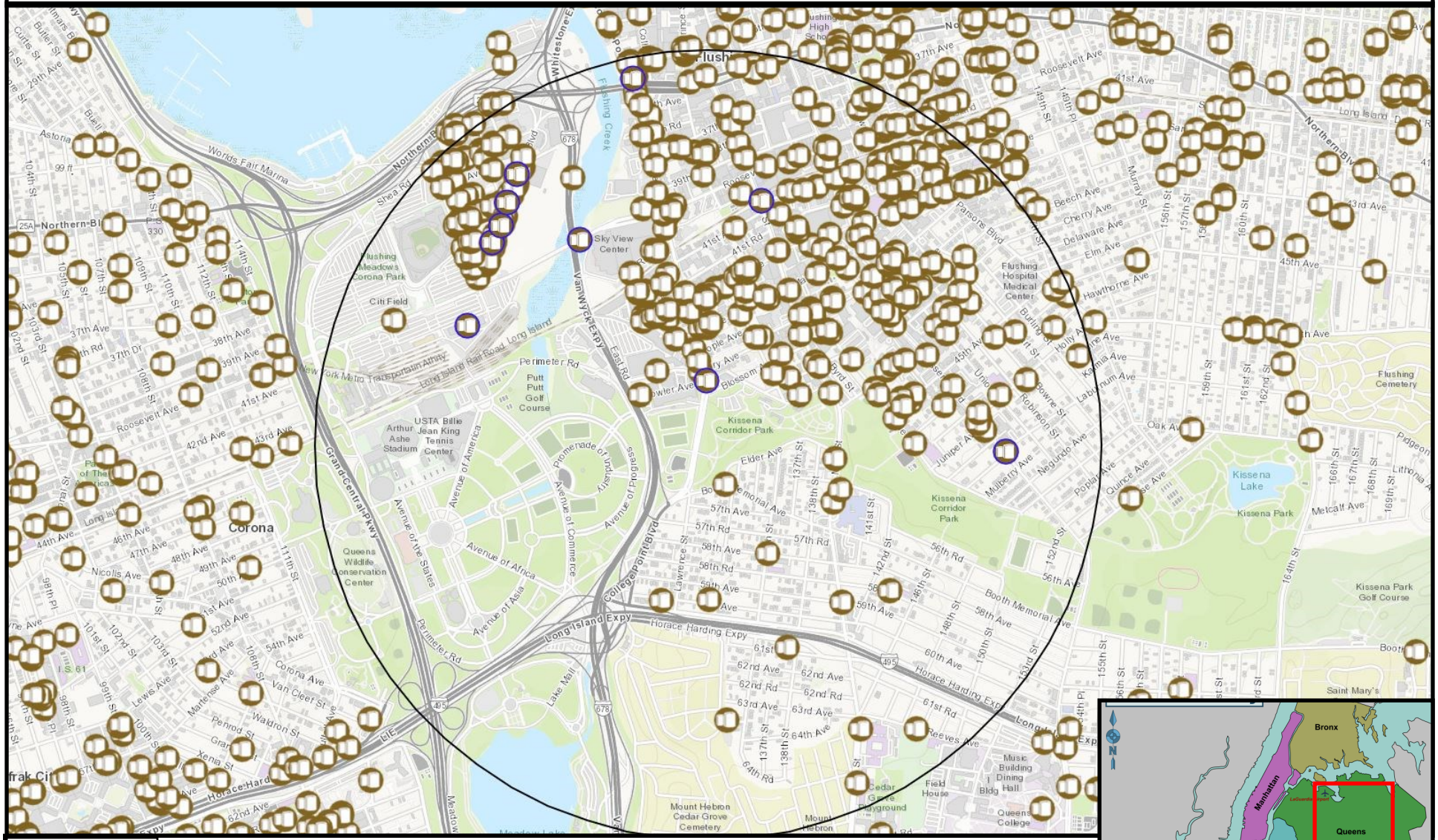
IPAC USER CONTACT INFORMATION

Agency:	New York city
Name:	Juliet Jacobs
Address:	255 Greenwich St
Address Line 2:	8th Floor
City:	New York
State:	NY
Zip:	10007
Email	jacobsjuliet@omb.nyc.gov
Phone:	2127881653

9.1 – Potential Aboveground Storage Tanks Map

Queens Botanical Garden Pavilion

Potential Aboveground Storage Tanks—One Mile Search



Legend

Permits and Registrations

- Petroleum Bulk Storage Facilities
- Major Oil Storage Facilities
- Chemical Bulk Storage Facilities

N

Data source: DECinfo Locator on 03/12/2026

9.2 – List of Aboveground Storage Tanks

Site Name	Site Number	Address	Type of Facility	Largest Tank Size (Gallons)	Contents	ASD (feet)	Approximate Distance to Site (feet)
133-01 BOOTH MEMORIAL AVE REALTY	2-611072	133-01 BOOTH MEMORIAL AVE	Petroleum Bulk Storage	3000	#2 fuel oil	437.09	450
BP SERVICE STATION #20975	2-337862	49-04 COLLEGE POINT BOULEVARD	Petroleum Bulk Storage	280	#2 fuel oil	162.74	690
THE PARK REGENT CONDOMINIUM	2-194158	41-25 KISSENA BLVD	Petroleum Bulk Storage	30,000	#4 fuel oil	1,140.69	2900
BEST CONCRETE MIX CORP	2-607654	35-10 COLLEGE POINT BOULEVARD	Petroleum Bulk Storage	3000	Diesel	437.09	4500
132-09 MAPLE AVENUE	2-296937	132-09 MAPLE AVENUE	Petroleum Bulk Storage	2000	#2 fuel oil		
132-24 MAPLE AVENUE	2-296953	132-24 MAPLE AVENUE	Petroleum Bulk Storage	2000	#2 fuel oil		
132-25 MAPLE AVENUE VENTURES, LLC	2-358940	132-25 MAPLE AVENUE	Petroleum Bulk Storage	10,000	#2 fuel oil		
132-70 SANDFORD AVENUE	2-287660	132-70 SANFORD AVE	Petroleum Bulk Storage	5000	#6 fuel oil		
134-54 MAPLE AVE. TENANTS CORP.	2-308927	134-54 MAPLE AVENUE	Petroleum Bulk Storage	10,000	#4 fuel oil		
140-60 BEECH AVE LLC	2-282308	140-60 BEECH AVENUE	Petroleum Bulk Storage	275	#2 fuel oil		
140-65 BEECH OWNERS CORP.	2-294497	140-65 BEECH AVE	Petroleum Bulk Storage	6000	#2 fuel oil		
140-70 ASH AVENUE	2-314951	140-70 ASH AVENUE	Petroleum Bulk Storage	5000	#6 fuel oil		
143-43 41ST AVE. TENANTS CORP	2-362069	143-43 41ST AVENUE	Petroleum Bulk Storage	5000	Biofuel oil		
143-45 SANFORD AVE	2-606075	143-45 SANFORD AVE	Petroleum Bulk Storage	4500	#2 fuel oil		
144-03 BARCLAY AVE	2-604809	144-03 BARCLAY AVENUE	Petroleum Bulk Storage	5000	#4 fuel oil		
144-07/11 SANFORD AVE	2-147486	144-07/11 SANFORD AVE	Petroleum Bulk Storage	10,000	#6 fuel oil		
37-33 COLLEGE POINT BLVD	2-274542	37-33 COLLEGE POINT BLVD	Petroleum Bulk Storage	5000	#6 fuel oil		
41-08 PARSONS BLVD. ASSOCIATES, LLC	2-303615	41-08 PARSONS BOULEVARD	Petroleum Bulk Storage	4000	#2 fuel oil		
46-06 MANAGEMENT SERVICES LLC	2-247820	46-06 BOWNE STREET	Petroleum Bulk Storage	2000	#2 fuel oil		
A & K SANFORD REALTY CORP.	2-612848	143-33 SANFORD AVENUE	Petroleum Bulk Storage	3000	#2 fuel oil		
A&S USED AUTO PARTS	2-606187	126-17 34TH AVENUE	Petroleum Bulk Storage	275	Waste oil		
ADAMS LLC	2-202193	142-24 38TH AVE	Petroleum Bulk Storage	10,000	#6 fuel oil		
ALLWALL CONSTRUCTION CORP.	2-610642	147-25 SANFORD AVENUE	Petroleum Bulk Storage	1000	#4 fuel oil		
APARTMENT HOUSE	2-194387	41-69 PARSONS BLVD	Petroleum Bulk Storage	5000	#4 fuel oil		
A-PLUS AUTO REPAIR INC.	2-611050	46-06 KISSENA BOULEVARD	Petroleum Bulk Storage	275	Waste oil		
ASH AVE LLC	2-332623	140-50 ASH AVENUE	Petroleum Bulk Storage	5000	#2 fuel oil		
ASH TERRACE LLC	2-244554	140-37 ASH AVENUE	Petroleum Bulk Storage	15,000	#4 fuel oil		
BAXTER HOUSE CONDOMINIUM	2-281956	137-10 FRANKLIN AVE	Petroleum Bulk Storage	10,000	#6 fuel oil		
BCA AUTO PARTS INC.	2-606134	126-43 37TH AVENUE	Petroleum Bulk Storage	275	Waste oil		
BEECH 140 LLC	2-154555	140-40 BEECH AVENUE	Petroleum Bulk Storage	5000	#4 fuel oil		
BOWNE HOUSE OWNERS CORP.	2-194808	42-40 BOWNE STREET	Petroleum Bulk Storage	3000	#2 fuel oil		

CAMEO OWNERS CORP.	2-607989	143-55 41 AVE	Petroleum Bulk Storage	3000	#2 fuel oil		
CANARRI AUTO REPAIR	2-607875	127-14 WILLETS PT BLVD	Petroleum Bulk Storage	275	Waste oil		
CARLYLE TOWERS COOP B. INC.	2-404691	138-10 FRANKLIN AVENUE	Petroleum Bulk Storage	20,000	#6 fuel oil		
CASEY STENGEL BUS DEPOT	2-190268	123-53 WILLETS POINT BOULEVARD	Petroleum Bulk Storage	1000	Lube oil		
CEDAR GROVE CEMETERY ASSN.	2-032107	135-08 63RD ROAD	Petroleum Bulk Storage	275	Waste oil / Lube oil / Motor oil		
CHERRY LANE OWNERS CORP.	2-321117	42-95 MAIN STREET	Petroleum Bulk Storage	3000	#2 fuel oil		
DNZ AUTO PARTS & AUTO SALES INC	2-605813	127-54 WILLETS POINT BLVD.	Petroleum Bulk Storage	275	Waste oil		
DRAGON AUTO CENTER INC.	2-606173	131-19 SANFORD AVENUE	Petroleum Bulk Storage	275	Waste oil		
DSNY QUEENS DISTRICT 7 GARAGE	2-455466	30-04 121ST STREET	Petroleum Bulk Storage	500	Waste oil		
DUPAR AUTO RIM INC	2-611889	126-25 36TH AVENUE	Petroleum Bulk Storage	250	Waste oil		
E.E.H. REALTY CORPORATION	2-107379	134-14 FRANKLIN AVE	Petroleum Bulk Storage	5000	#4 fuel oil		
EMPIRE EQUIPMENT SALES CO., INC.	2-609965	34-09 126TH STREET	Petroleum Bulk Storage	275	Waste oil		
FLUSHING GOLD COAST APT., LLC	2-202088	140-71 ASH AVE	Petroleum Bulk Storage	3000	#2 fuel oil		
FLUSHING HOSPITAL MEDICAL CENTER	2-233307	4500 PARSONS BOULEVARD	Petroleum Bulk Storage	10,000	Biofuel oil		
FLUSHING TOWING	2-609996	126-28 35TH AVENUE	Petroleum Bulk Storage	250	Waste oil		
FRANCONIA VILLAGE COOP INC	2-237361	43-57 UNION ST	Petroleum Bulk Storage	5000	#2 fuel oil		
FRANCONIA VILLAGE COOPERATIVE	2-237353	44-55 KISSENA BLVD	Petroleum Bulk Storage	11,000	#2 fuel oil		
G.T.R. AUTO PARTS INC	2-609263	126-02 35TH AVENUE	Petroleum Bulk Storage	250	Waste oil		
GAROLFALO HOLDING CORP.	2-318728	143-30 SANFORD AVENUE	Petroleum Bulk Storage	5000	#2 fuel oil		
GLOBAL MONTELLO GROUP #1725	2-156779	137-17 NORTHERN BOULEVARD	Petroleum Bulk Storage	250	Waste oil		
GREAT BEAR AUTO & BODY INC.	2-610088	47-01 KISSENA BOULEVARD	Petroleum Bulk Storage	275	Waste oil		
HK FIRM 2, LLC	2-280275	136-42 MAPLE AVE	Petroleum Bulk Storage	7500	#6 fuel oil		
HOLIDAY HOUSE OWNERS CORP.	2-358827	143-30 ROOSEVELT AVE	Petroleum Bulk Storage	7500	#2 fuel oil		
HOP YICK CO., INC.	2-607294	41-63 FRAME PLACE	Petroleum Bulk Storage	5000	#2 fuel oil		
JJW ENTERPRISES, INC	2-271179	143-15 38TH AVE	Petroleum Bulk Storage	3000	#2 fuel oil		
JJW ENTERPRISES, INC	2-258318	143-21/25 38TH AVENUE	Petroleum Bulk Storage	4000	#2 fuel oil		
JOHN BOWNE HS - QUEENS Q425	2-353108	63-25 MAIN STREET	Petroleum Bulk Storage	2000	#2 and #4 fuel oil		
JOSE MORENO	2-606101	45-35 PARSONS BLVD.	Petroleum Bulk Storage	3000	#2 fuel oil		
KISSENA APARTMENTS	2-204730	42-02 KISSENA BOULEVARD	Petroleum Bulk Storage	3000	#2 fuel oil		
KISSENA DEVELOPMENT, INC.	2-272752	46-16 KISSENA BOULEVARD	Petroleum Bulk Storage	280	Waste oil		
KISSENA GARDENS	2-083062	43-43 KISSENA BLVD	Petroleum Bulk Storage	8000	#6 fuel oil		
LEGEND OF NORTH SHORE AUTO	2-609751	35-11 COLLEGE POINT BOULEVARD	Petroleum Bulk Storage	275	Waste oil		

LIGHTNING AUTO SERVICE INC.	2-609916	34-02 127TH STREET	Petroleum Bulk Storage	275	Waste oil		
LOTTE-HANM II AUTO REPAIR INC.	2-609747	35-01 COLLEGE POINT BOULEVARD	Petroleum Bulk Storage	250	Waste oil		
LOWELL SCHOOL	2-247782	142-45 58TH ROAD	Petroleum Bulk Storage	2000	#2 fuel oil		
M.S. AUTO & TRUCK SERVICES INC.	2-605942	131-25 41ST AVENUE	Petroleum Bulk Storage	275	Waste oil		
MAINTENANCE BUILDING	2-455512	127-45 34TH AVENUE	Petroleum Bulk Storage	5000	#2 fuel oil		
MANCHESTER LLC	2-604934	140-18 ASH AVENUE	Petroleum Bulk Storage	5000	#2 fuel oil		
MAPLE GOLDEN 168 LLC	2-610600	134-37 MAPLE AVENUE	Petroleum Bulk Storage	4000	#6 fuel oil		
MARCY APARTMENTS	2-260282	144-31 41ST AVE	Petroleum Bulk Storage	7500	#2 fuel oil		
MARGARET T. PAN D.B.A PAN REAL ESTATE	2-109487	41-81 FRAME PLACE	Petroleum Bulk Storage	2000	#2 fuel oil		
MONTENEGRO REALTY CORP.	2-293113	140-19 BEECH AVENUE	Petroleum Bulk Storage	4000	#2 fuel oil		
NEW COMPLETE AUTO	2-611776	42-22 HAIGHT STREET	Petroleum Bulk Storage	275	Waste oil		
NEW WIN AUTO REPAIR INC.	2-611111	133-16 35TH AVENUE	Petroleum Bulk Storage	200	Waste oil		
NOR CREST S/S INC.	2-188425	178-02 UNION TURNPIKE	Petroleum Bulk Storage	280	Waste oil / #2 fuel oil		
P.S. /I.S. 499 - QUEENS Q499	2-609698	148-20 REEVES AVENUE	Petroleum Bulk Storage	7500	#2 fuel oil		
PAYSONS APTS. CORP.	2-400106	43-55 KISSENA BOULEVARD	Petroleum Bulk Storage	4,000	#4 fuel oil		
POWER PLUS INC	2-609371	131-29 SANFORD AVENUE	Petroleum Bulk Storage	250	Waste oil		
RMT MANAGEMENT INC.	2-609538	131-63 40TH ROAD	Petroleum Bulk Storage	275	Waste oil / Lube oil		
SANFORD APARTMENT CORP	2-601348	144-44 SANFORD AVE	Petroleum Bulk Storage	5000	#2 fuel oil		
SANFORD BOWNE BULDING	2-332267	143-07 SANFORD AVENUE	Petroleum Bulk Storage	7500	#6 fuel oil		
SANFORD PLAZA APT CORP	2-237272	144-54/64 SANFORD AVENUE	Petroleum Bulk Storage	10,000	#2 fuel oil		
SJS ASSOCIATES LLC	2-083453	140-10 FRANKLIN AVENUE	Petroleum Bulk Storage	5000	#2 fuel oil		
SKYLINE TOWERS #6	2-294225	43-70 KISSENA BLVD	Petroleum Bulk Storage	15,000	#2 fuel oil		
ST MICHAELS R.C. CHURCH	2-404942	136-76 41ST AVENUE	Petroleum Bulk Storage	275	#2 fuel oil		
ST MICHAELS SCHOOL	2-404934	136-58 41ST AVENUE	Petroleum Bulk Storage	3000	#2 fuel oil		
THE INFINITIY 8 ON BOWNE CONDOMINIUM	2-601428	41-60 BOWNE STREET	Petroleum Bulk Storage	5000	#2 fuel oil		
THE INFINITY 8 ON FRANKLIN CONDOMINIUM	2-310735	142-20 FRANKLIN AVE	Petroleum Bulk Storage	5000	#2 fuel oil		
THE LAFAYETTE APARTMENTS, INC	2-611402	138-70 ELDER AVE	Petroleum Bulk Storage	3000	#2 fuel oil		
TOP GEAR AUTO PERFORMANCE INC.	2-609382	41-17 FULLER PLACE	Petroleum Bulk Storage	275	Waste oil		
TRADING USED AUTO PARTS CORP.	2-605829	127-02 35TH AVENUE	Petroleum Bulk Storage	275	Waste oil		
TRANSWORLD AUTO REPAIR	2-610359	112-13,15 ROOSEVELT AVENUE	Petroleum Bulk Storage	250	Waste oil		
U.S. AUTO WRECKING INC	2-605888	126-26 35TH AVE	Petroleum Bulk Storage	250	Waste oil		
W.J. AUTO REPAIR INC	2-609771	127-11 WILLETS POINT BOULEVARD	Petroleum Bulk Storage	200	Waste oil		

WBK 41, LLC	2-196150	143-48 41ST AVE	Petroleum Bulk Storage	3000	#6 fuel oil		
YORKSHIRE GARDENS CONDOMINIUM	2-333514	42-20 KISSENA BOULEVARD	Petroleum Bulk Storage	10,000	#2 fuel oil		

9.3 - Acceptable Separation Distance Calculations

Acceptable Separation Distance (ASD) Electronic Assessment Tool

The Environmental Planning Division (EPD) has developed an electronic-based assessment tool that calculates the Acceptable Separation Distance (ASD) from stationary hazards. The ASD is the distance from above ground stationary containerized hazards of an explosive or fire prone nature, to where a HUD assisted project can be located. The ASD is consistent with the Department's standards of blast overpressure (0.5 psi-buildings) and thermal radiation (450 BTU/ft^2 - hr - people and 10,000 BTU/ft^2 - hr - buildings). Calculation of the ASD is the first step to assess site suitability for proposed HUD-assisted projects near stationary hazards. Additional guidance on ASDs is available in the Department's guidebook "Siting of HUD- Assisted Projects Near Hazardous Facilities" and the regulation 24 CFR Part 51, Subpart C, Sitting of HUD-Assisted Projects Near Hazardous Operations Handling Conventional Fuels or Chemicals of an Explosive or Flammable Nature.

Note: Tool tips, containing field specific information, have been added in this tool and may be accessed by hovering over the ASD result fields with the mouse.

Acceptable Separation Distance Assessment Tool

Is the container above ground?	**Yes:** ☑ **No:** ☐
Is the container under pressure?	**Yes:** ☑ **No:** ☐
Does the container hold a cryogenic liquified gas?	**Yes:** ☐ **No:** ☑
Is the container diked?	**Yes:** ☐ **No:** ☐
What is the volume (gal) of the container?	3000
What is the Diked Area Length (ft)?	
What is the Diked Area Width (ft)?	
Calculate Acceptable Separation Distance	
Diked Area (sqft)	
ASD for Blast Over Pressure (ASDBOP)	314.95

ASD for Blast Over Pressure (ASDBOP)	314.93
ASD for Thermal Radiation for People (ASDPPU)	437.09
ASD for Thermal Radiation for Buildings (ASDBPU)	83.56
ASD for Thermal Radiation for People (ASDPNPD)	
ASD for Thermal Radiation for Buildings (ASDBNPD)	

For mitigation options, please click on the following link: Mitigation Options **(/resource/3846/acceptable-separation-distance-asd-hazard-mitigation-options/)**

Providing Feedback & Corrections

After using the ASD Assessment Tool following the directions in this User Guide, users are encouraged to provide feedback on how the ASD Assessment Tool may be improved. Users are also encouraged to send comments or corrections for the improvement of the tool.

Please send comments or other input using the **Contact Us (https://www.hudexchange.info/contact-us/)** form.

Related Information

- **ASD User Guide (/resource/3839/acceptable-separation-distance-asd-assessment-tool-user-guide/)**
- **ASD Flow Chart (/resource/3840/acceptable-separation-distance-asd-flowchart/)**

Acceptable Separation Distance (ASD) Electronic Assessment Tool

The Environmental Planning Division (EPD) has developed an electronic-based assessment tool that calculates the Acceptable Separation Distance (ASD) from stationary hazards. The ASD is the distance from above ground stationary containerized hazards of an explosive or fire prone nature, to where a HUD assisted project can be located. The ASD is consistent with the Department's standards of blast overpressure (0.5 psi-buildings) and thermal radiation (450 BTU/ft^2 - hr - people and 10,000 BTU/ft^2 - hr - buildings). Calculation of the ASD is the first step to assess site suitability for proposed HUD-assisted projects near stationary hazards. Additional guidance on ASDs is available in the Department's guidebook "Siting of HUD- Assisted Projects Near Hazardous Facilities" and the regulation 24 CFR Part 51, Subpart C, Sitting of HUD-Assisted Projects Near Hazardous Operations Handling Conventional Fuels or Chemicals of an Explosive or Flammable Nature.

Note: Tool tips, containing field specific information, have been added in this tool and may be accessed by hovering over the ASD result fields with the mouse.

Acceptable Separation Distance Assessment Tool

Is the container above ground?	**Yes:** ☑ **No:** ☐
Is the container under pressure?	**Yes:** ☐ **No:** ☑
Does the container hold a cryogenic liquified gas?	**Yes:** ☐ **No:** ☐
Is the container diked?	**Yes:** ☐ **No:** ☑
What is the volume (gal) of the container?	30000
What is the Diked Area Length (ft)?	
What is the Diked Area Width (ft)?	

Calculate Acceptable Separation Distance

Diked Area (sqft)	
ASD for Blast Over Pressure (ASDBOP)	

ASD for Blast Over Pressure (ASDBOP)	
ASD for Thermal Radiation for People (ASDPPU)	1140.69
ASD for Thermal Radiation for Buildings (ASDBPU)	242.26
ASD for Thermal Radiation for People (ASDPNPD)	
ASD for Thermal Radiation for Buildings (ASDBNPD)	

For mitigation options, please click on the following link: Mitigation Options **(/resource/3846/acceptable-separation-distance-asd-hazard-mitigation-options/)**

Providing Feedback & Corrections

After using the ASD Assessment Tool following the directions in this User Guide, users are encouraged to provide feedback on how the ASD Assessment Tool may be improved. Users are also encouraged to send comments or corrections for the improvement of the tool.

Please send comments or other input using the **Contact Us (https://www.hudexchange.info/contact-us/)** form.

Related Information

- **ASD User Guide (/resource/3839/acceptable-separation-distance-asd-assessment-tool-user-guide/)**
- **ASD Flow Chart (/resource/3840/acceptable-separation-distance-asd-flowchart/)**

9.4 - Aboveground Storage Tank Photo

DESIGN SIZE
1900 GALLONS
WORKING CAPACITY
1900 GALLONS
TANK #1
FUEL GRADE #2
OneKey MLS

10.1 – Soil Resource Report

United States Department of Agriculture

NRCS

Natural Resources Conservation Service

A product of the National Cooperative Soil Survey, a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local participants

Custom Soil Resource Report for Queens County, New York

November 25, 2025

Preface

Soil surveys contain information that affects land use planning in survey areas. They highlight soil limitations that affect various land uses and provide information about the properties of the soils in the survey areas. Soil surveys are designed for many different users, including farmers, ranchers, foresters, agronomists, urban planners, community officials, engineers, developers, builders, and home buyers. Also, conservationists, teachers, students, and specialists in recreation, waste disposal, and pollution control can use the surveys to help them understand, protect, or enhance the environment.

Various land use regulations of Federal, State, and local governments may impose special restrictions on land use or land treatment. Soil surveys identify soil properties that are used in making various land use or land treatment decisions. The information is intended to help the land users identify and reduce the effects of soil limitations on various land uses. The landowner or user is responsible for identifying and complying with existing laws and regulations.

Although soil survey information can be used for general farm, local, and wider area planning, onsite investigation is needed to supplement this information in some cases. Examples include soil quality assessments (http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/health/) and certain conservation and engineering applications. For more detailed information, contact your local USDA Service Center (https://offices.sc.egov.usda.gov/locator/app?agency=nrcs) or your NRCS State Soil Scientist (http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/?cid=nrcs142p2_053951).

Great differences in soil properties can occur within short distances. Some soils are seasonally wet or subject to flooding. Some are too unstable to be used as a foundation for buildings or roads. Clayey or wet soils are poorly suited to use as septic tank absorption fields. A high water table makes a soil poorly suited to basements or underground installations.

The National Cooperative Soil Survey is a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local agencies. The Natural Resources Conservation Service (NRCS) has leadership for the Federal part of the National Cooperative Soil Survey.

Information about soils is updated periodically. Updated information is available through the NRCS Web Soil Survey, the site for official soil survey information.

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How Soil Surveys Are Made

Soil surveys are made to provide information about the soils and miscellaneous areas in a specific area. They include a description of the soils and miscellaneous areas and their location on the landscape and tables that show soil properties and limitations affecting various uses. Soil scientists observed the steepness, length, and shape of the slopes; the general pattern of drainage; the kinds of crops and native plants; and the kinds of bedrock. They observed and described many soil profiles. A soil profile is the sequence of natural layers, or horizons, in a soil. The profile extends from the surface down into the unconsolidated material in which the soil formed or from the surface down to bedrock. The unconsolidated material is devoid of roots and other living organisms and has not been changed by other biological activity.

Currently, soils are mapped according to the boundaries of major land resource areas (MLRAs). MLRAs are geographically associated land resource units that share common characteristics related to physiography, geology, climate, water resources, soils, biological resources, and land uses (USDA, 2006). Soil survey areas typically consist of parts of one or more MLRA.

The soils and miscellaneous areas in a survey area occur in an orderly pattern that is related to the geology, landforms, relief, climate, and natural vegetation of the area. Each kind of soil and miscellaneous area is associated with a particular kind of landform or with a segment of the landform. By observing the soils and miscellaneous areas in the survey area and relating their position to specific segments of the landform, a soil scientist develops a concept, or model, of how they were formed. Thus, during mapping, this model enables the soil scientist to predict with a considerable degree of accuracy the kind of soil or miscellaneous area at a specific location on the landscape.

Commonly, individual soils on the landscape merge into one another as their characteristics gradually change. To construct an accurate soil map, however, soil scientists must determine the boundaries between the soils. They can observe only a limited number of soil profiles. Nevertheless, these observations, supplemented by an understanding of the soil-vegetation-landscape relationship, are sufficient to verify predictions of the kinds of soil in an area and to determine the boundaries.

Soil scientists recorded the characteristics of the soil profiles that they studied. They noted soil color, texture, size and shape of soil aggregates, kind and amount of rock fragments, distribution of plant roots, reaction, and other features that enable them to identify soils. After describing the soils in the survey area and determining their properties, the soil scientists assigned the soils to taxonomic classes (units). Taxonomic classes are concepts. Each taxonomic class has a set of soil characteristics with precisely defined limits. The classes are used as a basis for comparison to classify soils systematically. Soil taxonomy, the system of taxonomic classification used in the United States, is based mainly on the kind and character of soil properties and the arrangement of horizons within the profile. After the soil

scientists classified and named the soils in the survey area, they compared the individual soils with similar soils in the same taxonomic class in other areas so that they could confirm data and assemble additional data based on experience and research.

The objective of soil mapping is not to delineate pure map unit components; the objective is to separate the landscape into landforms or landform segments that have similar use and management requirements. Each map unit is defined by a unique combination of soil components and/or miscellaneous areas in predictable proportions. Some components may be highly contrasting to the other components of the map unit. The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The delineation of such landforms and landform segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, onsite investigation is needed to define and locate the soils and miscellaneous areas.

Soil scientists make many field observations in the process of producing a soil map. The frequency of observation is dependent upon several factors, including scale of mapping, intensity of mapping, design of map units, complexity of the landscape, and experience of the soil scientist. Observations are made to test and refine the soil-landscape model and predictions and to verify the classification of the soils at specific locations. Once the soil-landscape model is refined, a significantly smaller number of measurements of individual soil properties are made and recorded. These measurements may include field measurements, such as those for color, depth to bedrock, and texture, and laboratory measurements, such as those for content of sand, silt, clay, salt, and other components. Properties of each soil typically vary from one point to another across the landscape.

Observations for map unit components are aggregated to develop ranges of characteristics for the components. The aggregated values are presented. Direct measurements do not exist for every property presented for every map unit component. Values for some properties are estimated from combinations of other properties.

While a soil survey is in progress, samples of some of the soils in the area generally are collected for laboratory analyses and for engineering tests. Soil scientists interpret the data from these analyses and tests as well as the field-observed characteristics and the soil properties to determine the expected behavior of the soils under different uses. Interpretations for all of the soils are field tested through observation of the soils in different uses and under different levels of management. Some interpretations are modified to fit local conditions, and some new interpretations are developed to meet local needs. Data are assembled from other sources, such as research information, production records, and field experience of specialists. For example, data on crop yields under defined levels of management are assembled from farm records and from field or plot experiments on the same kinds of soil.

Predictions about soil behavior are based not only on soil properties but also on such variables as climate and biological activity. Soil conditions are predictable over long periods of time, but they are not predictable from year to year. For example, soil scientists can predict with a fairly high degree of accuracy that a given soil will have a high water table within certain depths in most years, but they cannot predict that a high water table will always be at a specific level in the soil on a specific date.

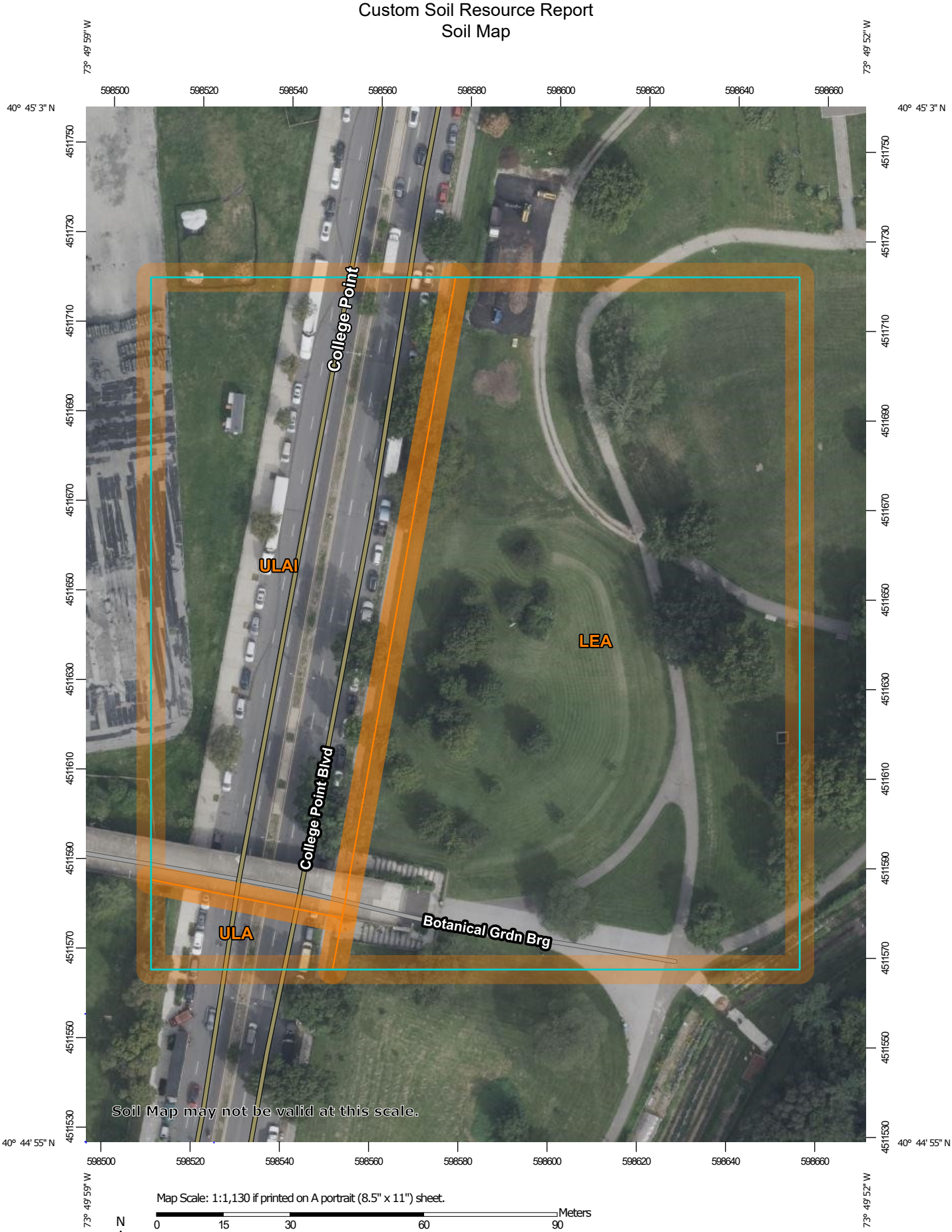
After soil scientists located and identified the significant natural bodies of soil in the survey area, they drew the boundaries of these bodies on aerial photographs and

identified each as a specific map unit. Aerial photographs show trees, buildings, fields, roads, and rivers, all of which help in locating boundaries accurately.

Soil Map

The soil map section includes the soil map for the defined area of interest, a list of soil map units on the map and extent of each map unit, and cartographic symbols displayed on the map. Also presented are various metadata about data used to produce the map, and a description of each soil map unit.

Custom Soil Resource Report
Soil Map



Map Scale: 1:1,130 if printed on A portrait (8.5" x 11") sheet.

N

Meters: 0 15 30 60 90

Feet: 0 50 100 200 300

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 18N WGS84

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:12,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Queens County, New York
Survey Area Data: Version 16, Aug 28, 2025

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Mar 1, 2023—Sep 1, 2023

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
LEA	Laguardia-Ebbets complex, 0 to 3 percent slopes	3.5	62.5%
ULA	Urban land-Laguardia complex, 0 to 3 percent slopes	0.2	3.0%
ULAI	Urban land-Laguardia complex, 0 to 3 percent slopes, low impervious surface	1.9	34.6%
Totals for Area of Interest		**5.6**	**100.0%**

Map Unit Descriptions

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or

landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however, onsite investigation is needed to define and locate the soils and miscellaneous areas.

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An *association* is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

Queens County, New York

LEA—Laguardia-Ebbets complex, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: 2p8tg
Elevation: 0 to 110 feet
Mean annual precipitation: 40 to 52 inches
Mean annual air temperature: 47 to 62 degrees F
Frost-free period: 216 to 234 days
Farmland classification: Not prime farmland

Map Unit Composition

Laguardia and similar soils: 46 percent
Ebbets and similar soils: 44 percent
Minor components: 10 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Laguardia

Setting

Landform position (two-dimensional): Summit, shoulder, backslope, footslope, toeslope
Landform position (three-dimensional): Side slope, base slope, crest, dip, rise, talf
Down-slope shape: Concave, convex, linear
Across-slope shape: Concave, linear, convex
Parent material: Loamy-skeletal human-transported material

Typical profile

^Au - 0 to 8 inches: cobbly-artifactual coarse sandy loam
^BCu - 8 to 26 inches: very cobbly-artifactual coarse sandy loam
^Cu - 26 to 79 inches: very cobbly-artifactual coarse sandy loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately low to moderately high (0.01 to 1.42 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 19 percent
Available water supply, 0 to 60 inches: Low (about 3.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 1
Hydrologic Soil Group: C
Ecological site: F149BY100NY - Urban Site Complex
Hydric soil rating: No

Description of Ebbets

Setting

Landform position (two-dimensional): Summit, backslope, footslope
Landform position (three-dimensional): Side slope, base slope, crest, talf
Down-slope shape: Convex, linear
Across-slope shape: Convex, linear
Parent material: Loamy human-transported material

Typical profile

^A - 0 to 7 inches: sandy loam
^Bwu - 7 to 27 inches: gravelly-artifactual sandy loam
2^Cu - 27 to 72 inches: very gravelly-artifactual loamy coarse sand

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately low to very high (0.14 to 14.17 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 10 percent
Available water supply, 0 to 60 inches: Low (about 5.5 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 1
Hydrologic Soil Group: B
Ecological site: F149BY100NY - Urban Site Complex
Hydric soil rating: No

Minor Components

Greenbelt

Percent of map unit: 8 percent
Landform position (two-dimensional): Summit, backslope, footslope
Landform position (three-dimensional): Side slope, base slope, crest, talf
Down-slope shape: Convex, linear
Across-slope shape: Convex, linear
Hydric soil rating: No

Secaucus

Percent of map unit: 2 percent
Landform position (two-dimensional): Backslope
Landform position (three-dimensional): Dip, talf
Down-slope shape: Linear
Across-slope shape: Concave
Hydric soil rating: No

ULA—Urban land-Laguardia complex, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: 2qf9n
Elevation: 0 to 70 feet
Mean annual precipitation: 40 to 52 inches
Mean annual air temperature: 47 to 62 degrees F
Frost-free period: 216 to 234 days
Farmland classification: Not prime farmland

Map Unit Composition

Urban land, till substratum: 75 percent
Laguardia and similar soils: 13 percent
Minor components: 12 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Urban Land, Till Substratum

Setting

Landform position (two-dimensional): Summit
Landform position (three-dimensional): Talf
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Asphalt over human-transported material

Typical profile

M - 0 to 15 inches: cemented material
2^C - 15 to 79 inches: gravelly sandy loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 0 inches to manufactured layer
Runoff class: Very high
Capacity of the most limiting layer to transmit water (Ksat): Very low (0.00 to 0.00 in/hr)
Calcium carbonate, maximum content: 10 percent
Available water supply, 0 to 60 inches: Very low (about 0.0 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 8s
Hydric soil rating: Unranked

Description of Laguardia

Setting

Landform position (two-dimensional): Summit, shoulder, backslope, footslope, toeslope
Landform position (three-dimensional): Side slope, base slope, crest, dip, rise, talf

Down-slope shape: Concave, convex, linear
Across-slope shape: Concave, linear, convex
Parent material: Loamy-skeletal human-transported material

Typical profile

^Au - 0 to 8 inches: cobbly-artifactual coarse sandy loam
^BCu - 8 to 26 inches: very cobbly-artifactual coarse sandy loam
^Cu - 26 to 79 inches: very cobbly-artifactual coarse sandy loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately low to moderately high (0.01 to 1.42 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 19 percent
Available water supply, 0 to 60 inches: Low (about 3.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 1
Hydrologic Soil Group: C
Ecological site: F149BY100NY - Urban Site Complex
Hydric soil rating: No

Minor Components

Ebbets

Percent of map unit: 5 percent
Landform position (two-dimensional): Summit, backslope, footslope
Landform position (three-dimensional): Side slope, base slope, crest, talf
Down-slope shape: Convex, linear
Across-slope shape: Convex, linear
Hydric soil rating: No

Greenbelt

Percent of map unit: 5 percent
Landform position (two-dimensional): Summit, backslope, footslope
Landform position (three-dimensional): Side slope, base slope, crest, talf
Down-slope shape: Convex, linear
Across-slope shape: Convex, linear
Hydric soil rating: No

Secaucus

Percent of map unit: 2 percent
Landform position (two-dimensional): Backslope
Landform position (three-dimensional): Dip, talf
Down-slope shape: Linear
Across-slope shape: Concave
Hydric soil rating: No

ULAI—Urban land-Laguardia complex, 0 to 3 percent slopes, low impervious surface

Map Unit Setting

National map unit symbol: 2r30c
Elevation: 0 to 80 feet
Mean annual precipitation: 40 to 52 inches
Mean annual air temperature: 47 to 62 degrees F
Frost-free period: 216 to 234 days
Farmland classification: Not prime farmland

Map Unit Composition

Urban land, till substratum: 60 percent
Laguardia and similar soils: 25 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Urban Land, Till Substratum

Setting

Landform position (two-dimensional): Summit
Landform position (three-dimensional): Talf
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Asphalt over human-transported material

Typical profile

M - 0 to 15 inches: cemented material
2^C - 15 to 79 inches: gravelly sandy loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 0 inches to manufactured layer
Runoff class: Very high
Capacity of the most limiting layer to transmit water (Ksat): Very low (0.00 to 0.00 in/hr)
Calcium carbonate, maximum content: 10 percent
Available water supply, 0 to 60 inches: Very low (about 0.0 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 8s
Hydric soil rating: Unranked

Description of Laguardia

Setting

Landform position (two-dimensional): Summit, shoulder, backslope, footslope, toeslope

Landform position (three-dimensional): Side slope, base slope, crest, dip, rise, talf
Down-slope shape: Concave, convex, linear
Across-slope shape: Concave, linear, convex
Parent material: Loamy-skeletal human-transported material

Typical profile

^Au - 0 to 8 inches: cobbly-artifactual coarse sandy loam
^BCu - 8 to 26 inches: very cobbly-artifactual coarse sandy loam
^Cu - 26 to 79 inches: very cobbly-artifactual coarse sandy loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately low to moderately high (0.01 to 1.42 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 19 percent
Available water supply, 0 to 60 inches: Low (about 3.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 1
Hydrologic Soil Group: C
Ecological site: F149BY100NY - Urban Site Complex
Hydric soil rating: No

Minor Components

Ebbets

Percent of map unit: 5 percent
Landform position (two-dimensional): Summit, backslope, footslope
Landform position (three-dimensional): Side slope, base slope, crest, talf
Down-slope shape: Convex, linear
Across-slope shape: Convex, linear
Hydric soil rating: No

Greenbelt

Percent of map unit: 5 percent
Landform position (two-dimensional): Summit, backslope, footslope
Landform position (three-dimensional): Side slope, base slope, crest, talf
Down-slope shape: Convex, linear
Across-slope shape: Convex, linear
Hydric soil rating: No

Secaucus

Percent of map unit: 5 percent
Landform position (two-dimensional): Backslope
Landform position (three-dimensional): Dip, talf
Down-slope shape: Linear
Across-slope shape: Concave
Hydric soil rating: No

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10.2 – Prime and Other Important Farmlands

Soil Data Access (SDA) Prime and other Important Farmlands

An SDA-populated select list is used to pick a state and SSA which enables creation of a "Prime and other Important Farmlands" based upon those selections. The data is not static; it hits Soil Data Access Live. To reset the table hit F5 on the keyboard. Once a survey is selected and table appears, if a new survey is selected it will append to the table at the bottom. For more information about the table,

New York

selected stateId = NY

Queens County, New York

selected SSA areasymbol = NY081

State_Sym	Area_Symbol	Area_Name	mukey	Mapunit_SYM	Mapunit_Name	Farm_Class
NY	NY081	Queens County, New York	2777708	ANS	Area not surveyed, access denied	Not prime farmland
NY	NY081	Queens County, New York	3225445	Ang1	Anguilla sand, 0 to 1 meter water depth	Not prime farmland
NY	NY081	Queens County, New York	2515379	BBA	Bigapple-Blown-out land complex, 0 to 3 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2515378	BaA	Barren sand, 0 to 3 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2589178	BgA	Bigapple sandy loam, 0 to 3 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2518772	BiA	Bigapple fine sand, 0 to 3 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2589034	BiAn	Bigapple sandy loam, 0 to 3 percent slopes, non-dredge material	Not prime farmland
NY	NY081	Queens County, New York	2518773	BiB	Bigapple fine sand, 3 to 8 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2518774	BiC	Bigapple fine sand, 8 to 15 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2518775	BiE	Bigapple fine sand, 25 to 35 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2515380	Bs	Beaches, sand	Not prime farmland
NY	NY081	Queens County, New	2518779	BzA	Breeze loamy sand, 0 to 3 percent slopes	Not prime farmland

		York				
NY	NY081	Queens County, New York	2518780	BzB	Breeze loamy sand, 3 to 8 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2589087	CaA	Catden muck, 0 to 2 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2482933	ChA	Charlton loam, 0 to 3 percent slopes	All areas are prime farmland
NY	NY081	Queens County, New York	2481343	ChAs	Charlton fine sandy loam, sandy substratum, 0 to 3 percent slopes	Farmland of statewide importance
NY	NY081	Queens County, New York	2482932	ChB	Charlton loam, 3 to 8 percent slopes	All areas are prime farmland
NY	NY081	Queens County, New York	2481342	ChBs	Charlton fine sandy loam, sandy substratum, 3 to 8 percent slopes	Farmland of statewide importance
NY	NY081	Queens County, New York	2481344	ChBss	Charlton fine sandy loam, sandy substratum, 3 to 8 percent slopes, very stony	Not prime farmland
NY	NY081	Queens County, New York	2482931	ChC	Charlton loam, 8 to 15 percent slopes	Farmland of statewide importance
NY	NY081	Queens County, New York	2481341	ChCs	Charlton fine sandy loam, sandy substratum, 8 to 15 percent slopes	Farmland of statewide importance
NY	NY081	Queens County, New York	2481346	ChCss	Charlton fine sandy loam, sandy substratum, 8 to 15 percent slopes, very stony	Not prime farmland
NY	NY081	Queens County, New York	2482930	ChD	Charlton loam, 15 to 25 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2481345	ChDs	Charlton fine sandy loam, sandy substratum, 15 to 25 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2589179	CpA	Centralpark extremely gravelly sandy loam, 0 to 3 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2589180	CpB	Centralpark extremely gravelly sandy loam, 3 to 8 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2518867	ELUA	Ebbets-Laguardia-Urban land complex, 0 to 3 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2589181	FGA	Flatbush-Greenbelt complex, 0 to 3 percent slopes	Not prime farmland
NY	NY081	Queens County, New	2589182	FGB	Flatbush-Greenbelt complex, 3 to 8 percent slopes	Not prime farmland

		York				
NY	NY081	Queens County, New York	2589183	FGC	Flatbush-Greenbelt complex, 8 to 15 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2589184	FkB	Freshkills sandy loam, 0 to 8 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2589185	FkE	Freshkills sandy loam, 15 to 35 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2518794	FoA	Fortress sand, 0 to 3 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2589187	GCE	Greenbelt-Centralpark complex, 35 to 60 percent slopes, very rubbly	Not prime farmland
NY	NY081	Queens County, New York	2518805	GOB	Gravesend and Oldmill coarse sands, 0 to 8 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2589188	GOE	Gravesend and Oldmill coarse sands, 15 to 35 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2518884	GUA	Greenbelt-Urban land complex, 0 to 3 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2589189	GUAd	Greenbelt-Urban land complex, deep water table, 0 to 3 percent slopes, cemetery	Not prime farmland
NY	NY081	Queens County, New York	2589190	GUAw	Greenbelt-Urban land complex, very deep water table, 0 to 3 percent slopes, cemetery	Not prime farmland
NY	NY081	Queens County, New York	2519409	GUB	Greenbelt-Urban land complex, 3 to 8 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2589191	GUBw	Greenbelt-Urban land complex, very deep water table, 3 to 8 percent slopes, cemetery	Not prime farmland
NY	NY081	Queens County, New York	2518886	GUC	Greenbelt-Urban land complex, 8 to 15 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2589192	GUCw	Greenbelt-Urban land complex, very deep water table, 8 to 15 percent slope, cemetery	Not prime farmland
NY	NY081	Queens County, New York	2589193	GUDw	Greenbelt-Urban land complex, very deep water table, 15 to 25 percent slopes, cemetery	Not prime farmland

NY	NY081	Queens County, New York	2589194	GUEw	Greenbelt-Urban land complex, very deep water table, 25 to 35 percent slopes, cemetery	Not prime farmland
NY	NY081	Queens County, New York	2589186	GbA	Greenbelt loam, 0 to 3 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2518800	GbB	Greenbelt loam, 3 to 8 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2518801	GbC	Greenbelt loam, 8 to 15 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2518802	GbD	Greenbelt loam, 15 to 25 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2518803	GbE	Greenbelt loam, 25 to 35 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2518804	GbF	Greenbelt loam, 35 to 60 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2518806	HDA	Hooksan-Dune land complex, 0 to 3 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2518807	HDB	Hooksan-Dune land complex, 3 to 8 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2518808	HDC	Hooksan-Dune land complex, 8 to 15 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2518812	HVUB	Hooksan-Verrazano-Urban land complex, 0 to 8 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2518809	HkA	Hooksan sand, 0 to 3 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2518810	HkB	Hooksan sand, 3 to 8 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2520529	IPA	Ipswich-Pawcatuck complex, 0 to 1 percent slopes, very frequently flooded	Not prime farmland
NY	NY081	Queens County, New York	2518813	IwA	Ipswich mucky peat, 0 to 2 percent slopes, very frequently flooded	Not prime farmland
NY	NY081	Queens County, New York	2518815	JaA	Jamaica sand, 0 to 3 percent slopes, frequently ponded	Not prime farmland
NY	NY081	Queens County, New	2481130	LEA	Laguardia-Ebbets complex, 0 to 3 percent slopes	Not prime farmland

		York				
NY	NY081	Queens County, New York	2589030	LEB	Laguardia-Ebbets complex, 3 to 8 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2589197	LGA	Laguardia-Greenbelt complex, 0 to 3 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2589198	LGB	Laguardia-Greenbelt complex, 3 to 8 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2518874	LUA	Laguardia-Urban land complex, 0 to 3 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2589199	LUB	Laguardia-Urban land complex, 3 to 8 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2589200	LUC	Laguardia-Urban land complex, 8 to 15 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2482920	LaA	Laguardia artifactual coarse sandy loam, 0 to 3 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2482921	LaB	Laguardia artifactual coarse sandy loam, 3 to 8 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2589196	LaBs	Laguardia artifactual coarse sandy loam, 3 to 8 percent slopes, very stony	Not prime farmland
NY	NY081	Queens County, New York	2482922	LaC	Laguardia artifactual coarse sandy loam, 8 to 15 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2482923	LaD	Laguardia artifactual coarse sandy loam, 15 to 25 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2589038	LlA	Ladyliberty fine sandy loam, 0 to 3 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2589201	MVA	Marinepark-Verrazano complex, 0 to 3 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2518819	MaA	Matunuck mucky peat, 0 to 2 percent slopes, very frequently flooded	Not prime farmland
NY	NY081	Queens County, New York	3225446	Mak2	Marshneck very fine sandy loam, 1 to 2 meter water depth	Not prime farmland
NY	NY081	Queens County, New York	2482938	MoA	Montauk loam, 0 to 3 percent slopes	All areas are prime farmland
NY	NY081	Queens County, New	2515376	MoB	Montauk loam, 3 to 8 percent slopes	All areas are prime farmland

		York				
NY	NY081	Queens County, New York	2482937	MoC	Montauk loam, 8 to 15 percent slopes	Farmland of statewide importance
NY	NY081	Queens County, New York	2589041	MoD	Montauk loam, 15 to 25 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2482936	MoF	Montauk loam, 35 to 65 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2589033	MuA	Mosholu sandy loam, 0 to 3 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2589204	NUB	North Meadow-Urban land complex, 0 to 8 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2515377	NaA	Natchaug muck, 0 to 2 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	3225447	Nag0	Nagunt sand, intertidal	Not prime farmland
NY	NY081	Queens County, New York	3225448	Nag2	Nagunt sand, 0 to 2 meter water depth	Not prime farmland
NY	NY081	Queens County, New York	3225449	Nag3	Nagunt sand, 2 to 3 meter water depth	Not prime farmland
NY	NY081	Queens County, New York	3225450	Nag5	Nagunt sand, 3 to 5 meter water depth	Not prime farmland
NY	NY081	Queens County, New York	3225451	Nagd5	Nagunt sand, 2 to 5 meter water depth, dredged	Not prime farmland
NY	NY081	Queens County, New York	2589202	NoA	North Meadow sandy loam, 0 to 3 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2589203	NoB	North Meadow sandy loam, 3 to 8 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2602830	Oi	Oil-waste land	Not prime farmland
NY	NY081	Queens County, New York	2518825	PaA	Pawcatuck mucky peat, 0 to 2 percent slopes, very frequently flooded	Not prime farmland
NY	NY081	Queens County, New York	2589114	PnA	Pompton loam, 0 to 3 percent slopes	All areas are prime farmland
NY	NY081	Queens County, New	3225452	Psa2	Pishagqua silt loam, 1 to 2 meter water depth	Not prime farmland

		York				
NY	NY081	Queens County, New York	3225453	Psa5	Pishagqua silt loam, 3 to 5 meter water depth	Not prime farmland
NY	NY081	Queens County, New York	2589115	PvA	Preakness silt loam, 0 to 3 percent slopes, frequently ponded	Not prime farmland
NY	NY081	Queens County, New York	2485293	RFA	Riverhead-Flatbush complex, 0 to 3 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2589042	RFB	Riverhead-Flatbush complex, 3 to 8 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	3225454	Rho2	Rhodesfolly fine sand, 0 to 2 meter water depth	Not prime farmland
NY	NY081	Queens County, New York	2485292	RvA	Riverhead loamy coarse sand, 0 to 3 percent slopes	All areas are prime farmland
NY	NY081	Queens County, New York	2485291	RvB	Riverhead loamy coarse sand, 3 to 8 percent slopes	All areas are prime farmland
NY	NY081	Queens County, New York	2589039	RvC	Riverhead loamy coarse sand, 8 to 15 percent slopes	Farmland of statewide importance
NY	NY081	Queens County, New York	2589031	RvD	Riverhead loamy coarse sand, 15 to 25 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2589044	RvF	Riverhead loamy coarse sand, 25 to 60 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2518856	SaA	Sandyhook mucky fine sand, 0 to 2 percent slopes, very frequently flooded	Not prime farmland
NY	NY081	Queens County, New York	2589037	SeA	Secaucus artifactual fine sandy loam, 0 to 3 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2589205	SiA	Siwanoy silt loam, 0 to 3 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2520522	SuA	Sutton loam, 0 to 3 percent slopes	All areas are prime farmland
NY	NY081	Queens County, New York	2520523	SuB	Sutton loam, 3 to 8 percent slopes	All areas are prime farmland
NY	NY081	Queens County, New York	2589088	UBA	Urban land-Bigapple, non-dredge material complex, 0 to 3 percent slopes	Not prime farmland
NY	NY081	Queens County, New	2589089	UBAl	Urban land-Bigapple, non-dredge material complex, 0 to	Not prime farmland

		York			3 percent slopes, low impervious surface	
NY	NY081	Queens County, New York	2518826	UFA	Urban land-Flatbush complex, 0 to 3 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2518817	UFAl	Urban land-Flatbush complex, 0 to 3 percent slopes, low impervious surface	Not prime farmland
NY	NY081	Queens County, New York	2518827	UFB	Urban land-Flatbush complex, 3 to 8 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2518818	UFBl	Urban land-Flatbush complex, 3 to 8 percent slopes, low impervious surface	Not prime farmland
NY	NY081	Queens County, New York	2589103	UFC	Urban land-Flatbush complex, 8 to 15 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2589040	UFCl	Urban land-Flatbush complex, 8 to 15 percent slopes, low impervious surface	Not prime farmland
NY	NY081	Queens County, New York	2589206	UGA	Urban land-Greenbelt complex, 0 to 3 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2589207	UGAl	Urban land-Greenbelt complex, 0 to 3 percent slopes, low impervious surface	Not prime farmland
NY	NY081	Queens County, New York	2589208	UGB	Urban land-Greenbelt complex, 3 to 8 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2589209	UGBl	Urban land-Greenbelt complex, 3 to 8 percent slopes, low impervious surface	Not prime farmland
NY	NY081	Queens County, New York	2589210	UGC	Urban land-Greenbelt complex, 8 to 15 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2589211	UGCl	Urban land-Greenbelt complex, 8 to 15 percent slopes, low impervious surface	Not prime farmland
NY	NY081	Queens County, New York	2589212	UGD	Urban land-Greenbelt complex, 15 to 25 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2589213	UGDl	Urban land-Greenbelt complex, 15 to 25 percent slopes, low impervious surface	Not prime farmland
NY	NY081	Queens County, New York	2589214	ULA	Urban land-Laguardia complex, 0 to 3 percent slopes	Not prime farmland

NY	NY081	Queens County, New York	2589099	ULAl	Urban land-Laguardia complex, 0 to 3 percent slopes, low impervious surface	Not prime farmland
NY	NY081	Queens County, New York	2518816	UVA	Urban land-Verrazano complex, 0 to 3 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2589090	UVAl	Urban land-Verrazano complex, 0 to 3 percent slopes, low impervious surface	Not prime farmland
NY	NY081	Queens County, New York	2589215	UVBl	Urban land-Verrazano complex, 3 to 8 percent slopes, low impervious surface	Not prime farmland
NY	NY081	Queens County, New York	2518832	UmA	Urban land, tidal marsh substratum, 0 to 3 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2589095	UmB	Urban land, tidal marsh substratum, 3 to 8 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2518834	UoA	Urban land, outwash substratum, 0 to 3 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2518833	UoB	Urban land, outwash substratum, 3 to 8 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2589108	UoC	Urban land, outwash substratum, 8 to 15 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2518882	UrA	Urban land, reclaimed substratum, 0 to 3 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2518858	UsA	Urban land, sandy substratum, 0 to 3 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2518831	UtA	Urban land, till substratum, 0 to 3 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2518830	UtB	Urban land, till substratum, 3 to 8 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2518829	UtC	Urban land, till substratum, 8 to 15 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2518860	VzA	Verrazano sandy loam, 0 to 3 percent slopes	Not prime farmland
NY	NY081	Queens County, New York	2520527	W	Water	Not prime farmland

NY	NY081	Queens County, New York	2518820	WaA	Wassents, tidal flat	Not prime farmland
NY	NY081	Queens County, New York	3225455	Weq1	Wequetequock fine sand, 0 to 1 meter water depth	Not prime farmland

Report Metadata: Back to top

- **Area_Symbol:** A symbol that uniquely identifies a single occurrence of a particular type of area (e.g. Dane Co., Wisconsin is WI025).
- **Area_Name:** The name given to the specified geographic area.
- **mukey:** A non-connotative string of characters used to uniquely identify a record in the Mapunit table.
- **Mapunit_SYM:** The symbol used to uniquely identify the soil mapunit in the soil survey.
- **Mapunit_Name:** Correlated name of the mapunit (recommended name or field name for surveys in progress).
- **Prime and other Important Farmlands:** Identification of map units as prime farmland, farmland of statewide importance, or farmland of local importance.

Prime and other Important Farmlands Description:

This table lists the map units in the survey area that are considered important farmlands. Important farmlands consist of prime farmland, unique farmland, and farmland of statewide or local importance. This list does not constitute a recommendation for a particular land use.

In an effort to identify the extent and location of important farmlands, the Natural Resources Conservation Service, in cooperation with other interested Federal, State, and local government organizations, has inventoried land that can be used for the production of the Nation's food supply.

Prime farmland is of major importance in meeting the Nation's short- and long-range needs for food and fiber. Because the supply of high-quality farmland is limited, the U.S. Department of Agriculture recognizes that responsible levels of government, as well as individuals, should encourage and facilitate the wise use of our Nation's prime farmland

Prime farmland, as defined by the U.S. Department of Agriculture, is land that has the best combination of physical and chemical characteristics for producing food, feed, forage, fiber, and oilseed crops and is available for these uses. It could be cultivated land, pastureland, forestland, or other land, but it is not urban or built-up land or water areas. The soil quality, growing season, and moisture supply are those needed for the soil to economically produce sustained high yields of crops when proper management, including water management, and acceptable farming methods are applied. In general, prime farmland has an adequate and dependable supply of moisture from precipitation or irrigation, a favorable temperature and growing season, acceptable acidity or alkalinity, an acceptable salt and sodium content, and few or no rocks. The water supply is dependable and of adequate quality. Prime farmland is permeable to water and air. It is not excessively erodible or saturated with water for long periods, and it either is not frequently flooded during the growing season or is protected from flooding. Slope ranges mainly from 0 to 6 percent. More detailed information about the criteria for prime farmland is available at the local office of the Natural Resources Conservation Service.

For some of the soils identified in the table as prime farmland, measures that overcome a hazard or limitation, such as flooding, wetness, and droughtiness, are needed. Onsite evaluation is needed to determine whether or not the hazard or limitation has been overcome by corrective measures.

A recent trend in land use in some areas has been the loss of some prime farmland to industrial and urban uses. The loss of prime farmland to other uses puts pressure on marginal lands, which generally are more erodible, droughty, and less productive and cannot be easily cultivated.

Unique farmland is land other than prime farmland that is used for the production of specific high-value food and fiber crops, such as citrus, tree nuts, olives, cranberries, and other fruits and vegetables. It has the special combination of soil quality, growing season, moisture supply, temperature, humidity, air drainage, elevation, and aspect needed for the soil to economically produce sustainable high yields of these crops when properly managed. The water supply is dependable and of adequate quality. Nearness to markets is an additional consideration. Unique farmland is not based on national criteria. It commonly is in areas where there is a special microclimate, such as the wine country in California.

In some areas, land that does not meet the criteria for prime or unique farmland is considered to be *farmland of statewide importance* for the production of food, feed, fiber, forage, and oilseed crops. The criteria for defining and delineating farmland of statewide importance are determined by the appropriate State agencies. Generally, this land includes areas of soils that nearly meet the requirements for prime farmland and that economically produce high yields of crops when treated and managed according to acceptable farming methods. Some areas may produce as high a yield as prime farmland if conditions are favorable. Farmland of statewide importance may include tracts of land that have been designated for agriculture by State law.

In some areas that are not identified as having national or statewide importance, land is considered to be farmland of local importance for the production of food, feed, fiber, forage, and oilseed crops. This farmland is identified by the appropriate local agencies. Farmland of local importance may include tracts of land that have been designated for agriculture by local ordinance.

11.1 – SHPO Consultation Package

Jacobs, Juliet

From: McIvor, Sara (PARKS) <Sara.McIvor@parks.ny.gov>
Sent: Monday, March 9, 2026 12:46 PM
To: Jacobs, Juliet; Brazee, Olivia (PARKS)
Cc: Freeman, Julie; environmental@lpc.nyc.gov
Subject: [EXTERNAL] RE: Section 106 Compliance for – Queens Botanical Garden Pavilion

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe. Forward suspect email to phish@oti.nyc.gov as an attachment (Click the More button, then forward as attachment).

Hi Juliet,
Thanks for reaching out. The prior review through our office was under DASNY funding, which was under the State Preservation Law. With the additional HUD CPF funding, there would be a federal review trigger, so the prior letter would not be applicable. The project could be submitted under the existing with the funding update, or a new project submission could be created.
Thank you,
Sara

Sara McIvor
Historic Site Restoration Coordinator
Division for Historic Preservation

New York State Parks, Recreation & Historic Preservation
Peebles Island State Park, P.O. Box 189, Waterford, NY 12188-0189
O: 518-268-2127, C: 518-903-0079 sara.mcivor@parks.ny.gov
https://parks.ny.gov/shpo/

New York State Parks, Recreation and Historic Preservation

From: Jacobs, Juliet <JacobsJuliet@omb.nyc.gov>
Sent: Monday, March 9, 2026 10:54 AM
To: Brazee, Olivia (PARKS) <Olivia.Brazee@parks.ny.gov>; McIvor, Sara (PARKS) <Sara.McIvor@parks.ny.gov>
Cc: Freeman, Julie <FreemanJ@omb.nyc.gov>; Gina Santucci (LPC <GSantucci@lpc.nyc.gov>
Subject: Section 106 Compliance for – Queens Botanical Garden Pavilion

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Hi Sara and Olivia,

The New York City Office of Management and Budget (OMB) is conducting an environmental review, pursuant to 24 CFR Part 58, for the proposed construction of an open air pavilion structure within the

southwest corner of the Queens Botanical Garden. This project would be completed, in part, by using U.S. Department of Housing and Urban Development (HUD) Community Project Funding (CPF) resources. A State Environmental Quality Review Act (SEQRA) review was previously completed for this project and, as part of that review, consultation with the Landmarks Preservation Commission (LPC) and the State Historic Preservation Office (SHPO) determined that no properties, including archaeological and/or historic resources, listed in or eligible for the New York State and National Registers of Historic Places will be impacted by this project.

I'm writing to request confirmation that this determination is still accurate, and can be applied to the HUD-funded actions that are part of the proposed project. I've attached a record of consultation that was included in the SEQRA review, and the most recent version of the Phase 1A Archaeological Documentary Study that was completed for the project. I also reached out to LPC to confirm their determination. Please let me know if I should update a consultation record within the Cultural Resource Information System (CRIS) or can provide any additional information needed to complete your assessment.

Thank You!

Juliet Jacobs
Unit Head – Environmental (CD)
New York City Mayor's Office of Management & Budget
255 Greenwich Street, 8th Floor
New York, NY 10007
☎ (212) 788-1653
✉ JacobsJuliet@omb.nyc.gov

The City of New York
Office of Management and Budget
255 Greenwich Street, 8th Floor • New York, New York 10007

Date: March 9, 2026

Division of Historic Preservation
New York State Office of Parks, Recreation and Historic Preservation
P.O. Box 189
Waterford, New York 12188-0189

Via Cultural Resource Information System (CRIS) submission: https://cris.parks.ny.gov/

RE: Section 106 Compliance for – Queens Botanical Garden Pavilion Project

To Whom it May Concern,

Pursuant to the Consolidated Appropriations Act of 2024 (Public Law 118-42), the U.S. Department of Housing and Urban Development (HUD) executed a Grant Agreement with the Queens Botanical Garden (QBG) specifying that $500,000 in Community Project Funding (CPF) would be provided for a capital revitalization project. The New York City Office of Management and Budget (OMB) is the responsible entity for completion of the federally required environmental review in accordance with 24 CFR Part 58. OMB is proposing to use CPF funds to implement the project, described below, and is requesting concurrence with the determination that the project would result in No Historic Properties Affected to architectural or archaeological resources.

Area of Potential Effect

The proposed project involves construction of an approximately 3,200 square foot open air pavilion structure within the southwest corner of the QBG. The QBG is an approximately 39-acre property located at 43-50 Main Street, Flushing, NY 11355. The project site is located in the southeastern region of the park, bounded by College Point Boulevard to the west, and an existing bridge that crosses College Point Boulevard to the south.

Proposed Project Description

The proposed project would involve construction of an open air pavilion on existing park land. The purpose of the Proposed Project is to provide new amenity space in support of the QBG's goals to enhance the visitor's experience of the garden and provide new and expanded opportunities for visitors to explore the garden. The proposed project would also support the QBG's goals to better serve children and families visiting the garden by providing hands-on and interactive learning experiences.

Specific project activities would include the following:

- Site Demolition including Shrub removal, clearing of debris, and topsoil stripping.
- Excavation and grading (shaping and leveling the ground surface) to design specifications, creating utility trenches and establishing drainage slopes.
- Installation of piles for the foundation.
- Foundation construction. Concrete cast in place foundation

- Stage construction: The stage would be a concrete cast in place slab (additional ground disturbance not anticipated but possible). There will also be prefabricated columns that will be installed to complete the structure.
- Installation of water lines for irrigation, and power lines for the stage.
- Final grading, likely an installation of erosion control measures such as a jute mesh, rain garden planting, installation of tall grasses, shrubs, and the installation of a new Katsura tree.
- Installation of bench bump outs for benches will involve minor ground disturbance.

Project activities, along with related actions including the creation of a Kid's Culture Garden and multi-phase education center were previously assessed by the Dormitory Authority of the State of New York (DASNY), as lead agency for the State Environmental Quality Review Act (SEQRA) analysis. This analysis, completed in July of 2021, determined that no potential negative long-term or cumulative impacts or significant adverse environmental impacts were identified in connection with the proposed project or related activities. U.S. Department of Housing and Urban Development (HUD) Community Project Funding (CPF) would not be used for related activities and the proposed project would have independent utility from these actions.

Consultation

The purpose of this letter is to notify your office of the proposed undertaking and to initiate consultation under Section 106 of the National Historic Preservation Act (NHPA), per the implementing regulations at 36 Code of Federal Regulations (CFR) Part 800.

The 2021 SEQRA analysis included consultation with the NYC Landmarks Preservation Commission (LPC) and the State Historic Preservation Office (SHPO). As recommended by SHPO, a Phase IA Archaeological Documentary Study was prepared, which indicated that the proposed project was not expected to result in the disturbance of archaeological resources and no further archaeological analysis was recommended (Attachment 3). Based upon these materials, SHPO provided the opinion that no properties, including archaeological and/or historic resources, listed in or eligible for the New York State and National Registers of Historic Places would be impacted by the project (Attachment 4).

We respectfully request SHPO's review of the proposed project in order to assess whether the previous determination can be applied to the HUD-funded activities for this project. If the Area of Potential Effect encompasses properties of cultural significance, or if you have any other concerns about the implementation of the proposed project, please contact me by email at JacobsJuliet@omb.nyc.gov, by phone at (212) 788-1653, or in writing Juliet Jacobs, 255 Greenwich Street, 8th Floor, New York, NY 10007. Thank you for your time and consideration.

Sincerely,

Juliet Jacobs

Juliet Jacobs
Unit Head - Environmental Review (Community Development)
NYC Office of Management and Budget

enc: Attachment 1: Project Presentation and Site Maps
Attachment 2: Current Photos - 2026
Attachment 3: Phase 1A Archaeological Documentary Study
Attachment 4: SEQRA Consultation

QUEENS BOTANICAL GARDEN

PAVILION

12.17.24

BKSK

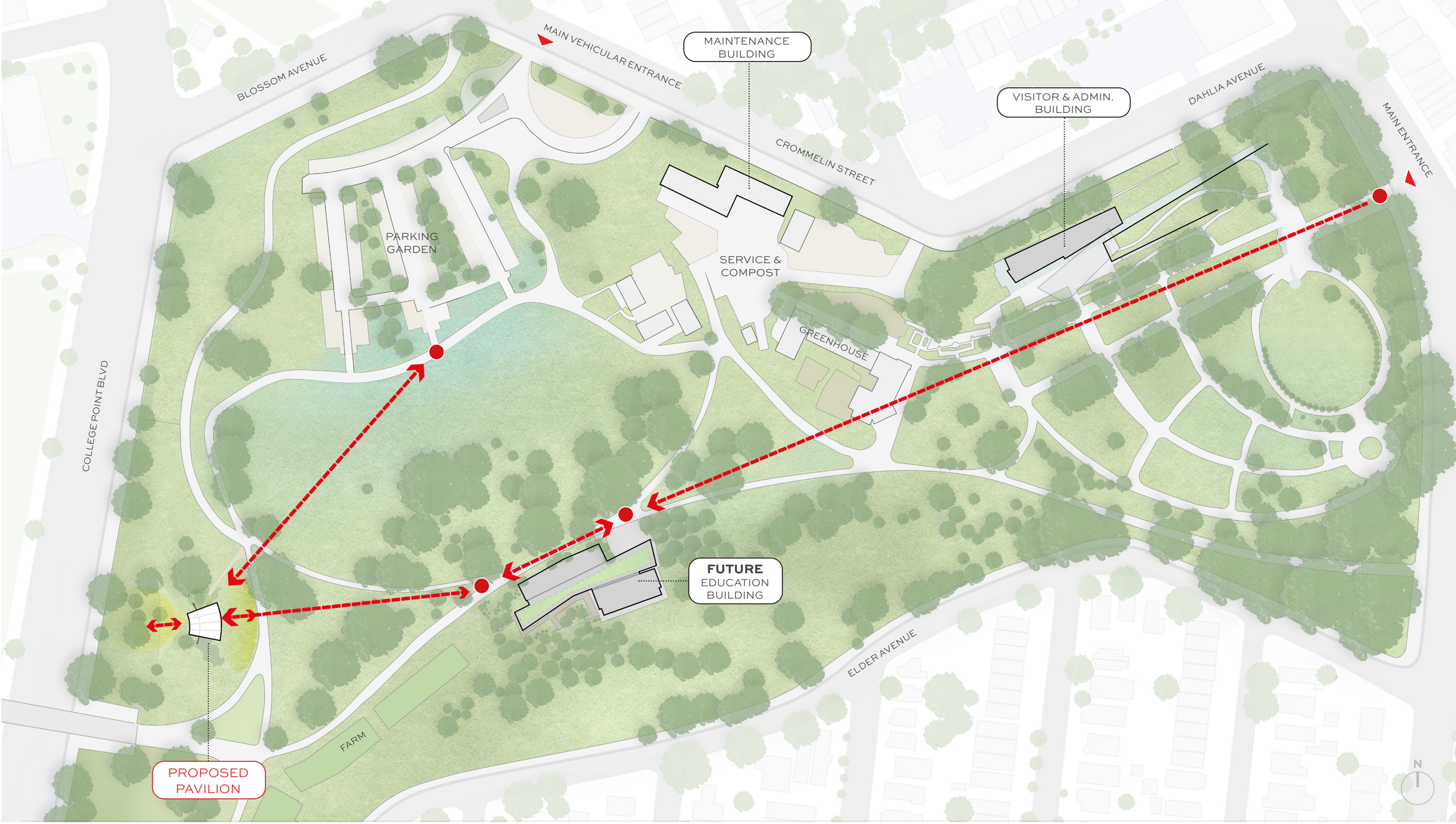
RKLA Studio
LANDSCAPE ARCHITECTURE

Silman

Queens Botanical Garden

NYC Cultural Affairs

NYC Parks



PROPOSED SITE VISIBILITY

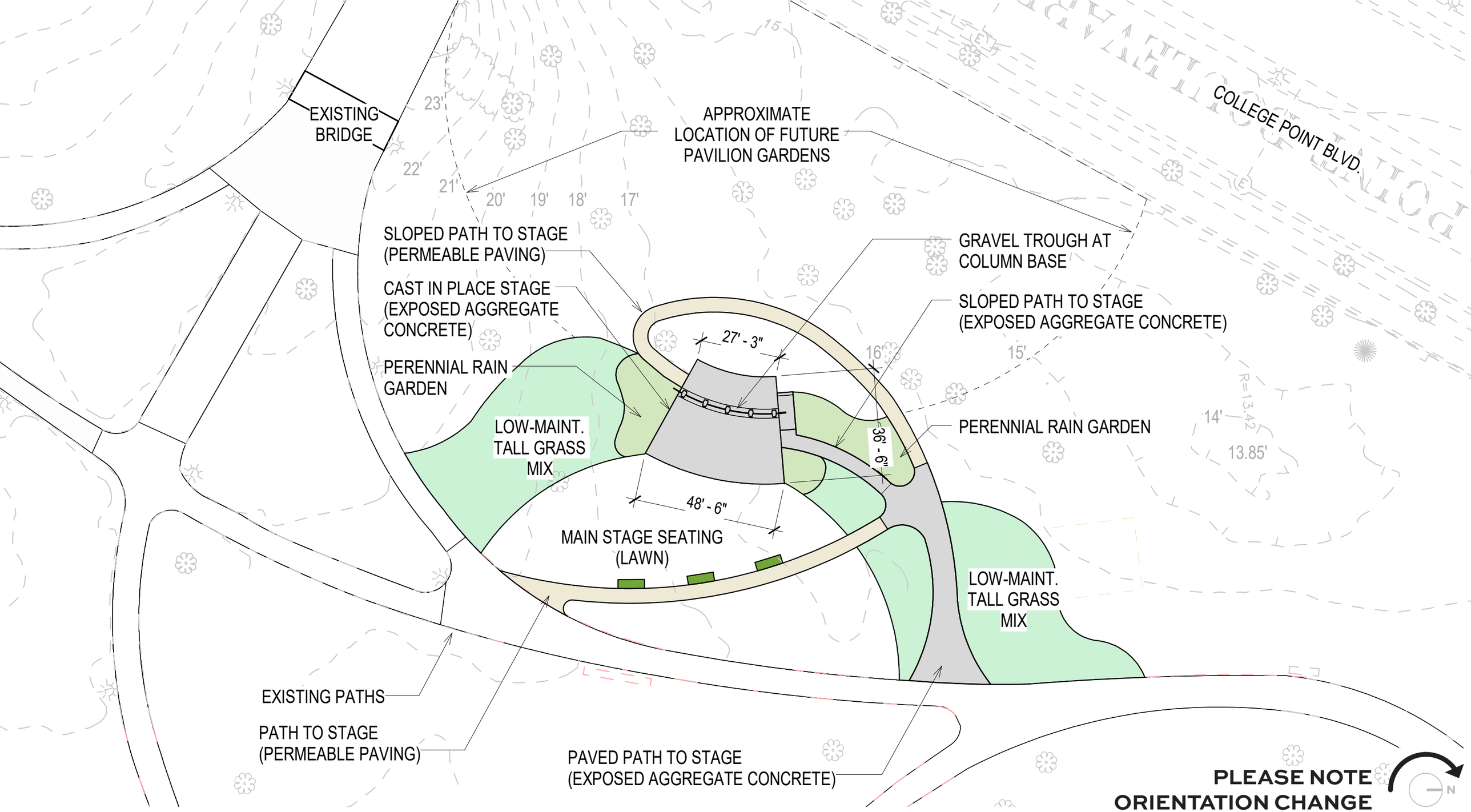
QBG PAVILION

BKSK RKLA Studio LANDSCAPE ARCHITECTURE Silman Queens Botanical Garden NYC Cultural Affairs NYC Parks

PROPOSED SITE ACCESS

QBG PAVILION

BKSK RKLA Studio LANDSCAPE ARCHITECTURE Silman Queens Botanical Garden NYC Cultural Affairs NYC Parks



PROPOSED SITE PLAN

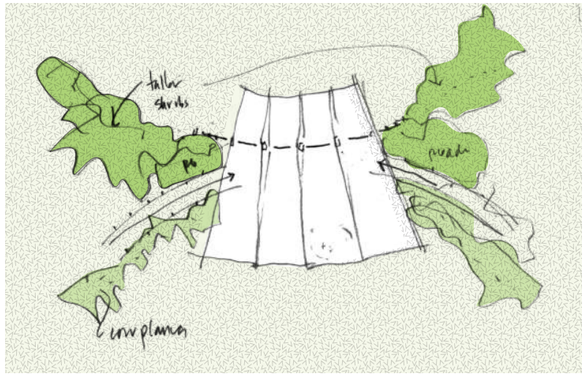
QBG PAVILION

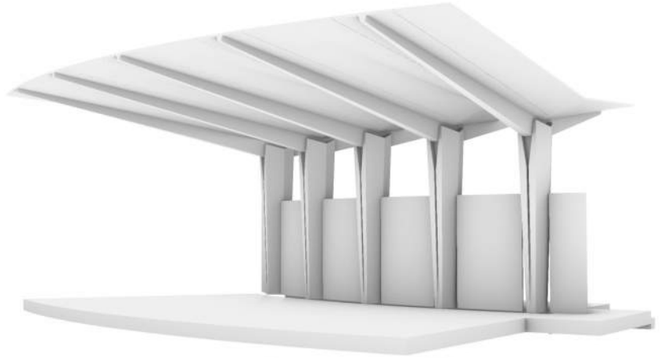
BKSK RKLA Studio LANDSCAPE ARCHITECTURE Silman Queens Botanical Garden NYC Cultural Affairs NYC Parks

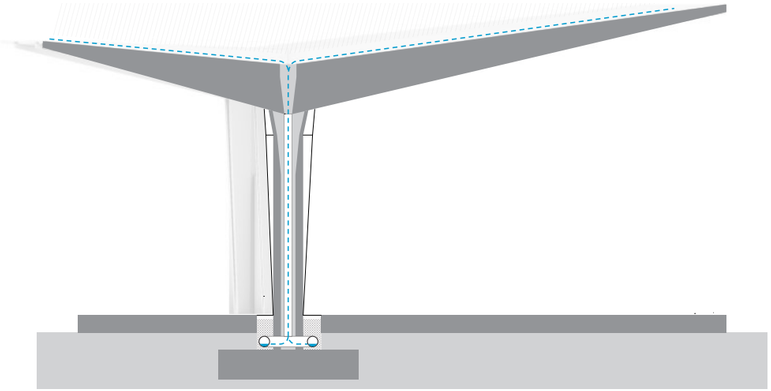
VIEW OF THE MAIN STAGE

QBG PAVILION

BKSK RKLA Studio LANDSCAPE ARCHITECTURE Silman Queens Botanical Garden NYC Cultural Affairs NYC Parks







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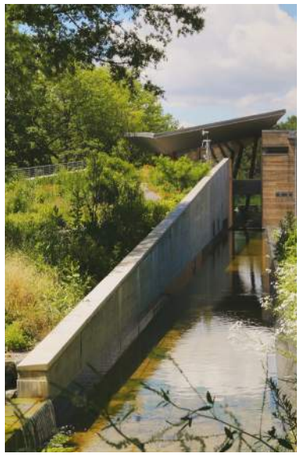
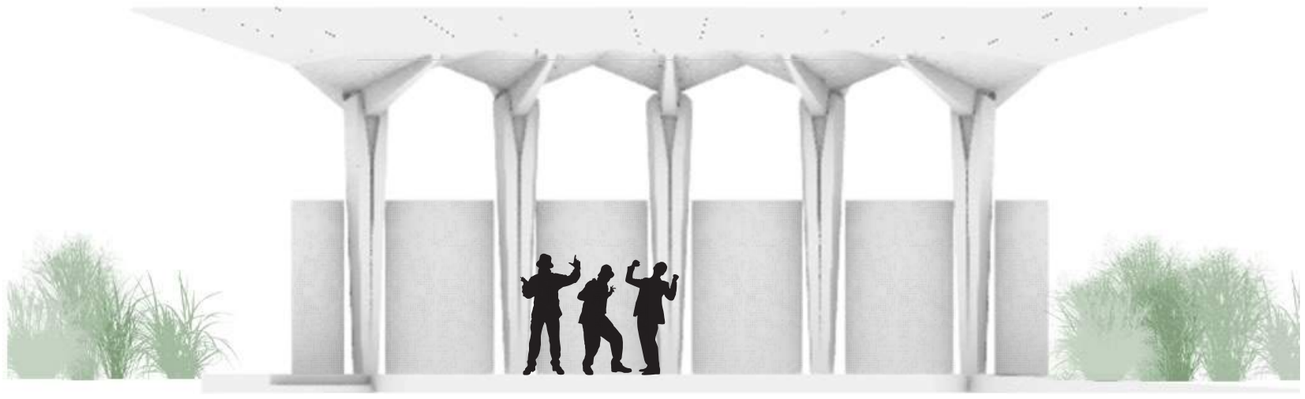


- each structure features a welcoming roof / folded roofs are in dialog with each other
- material choices are in response to site conditions and programmatic requirements: concrete, wood and steel
- on-site water management is integral to each structure
- each structure integrates and frames a landscape

BKSK RKLA Studio LANDSCAPE ARCHITECTURE Silman Queens Botanical Garden NYC Cultural Affairs NYC Parks

MAIN STAGE ELEVATION

SIDE ELEVATION



BACK STAGE / GATHERING ELEVATION

ELEVATIONS

QBG PAVILION

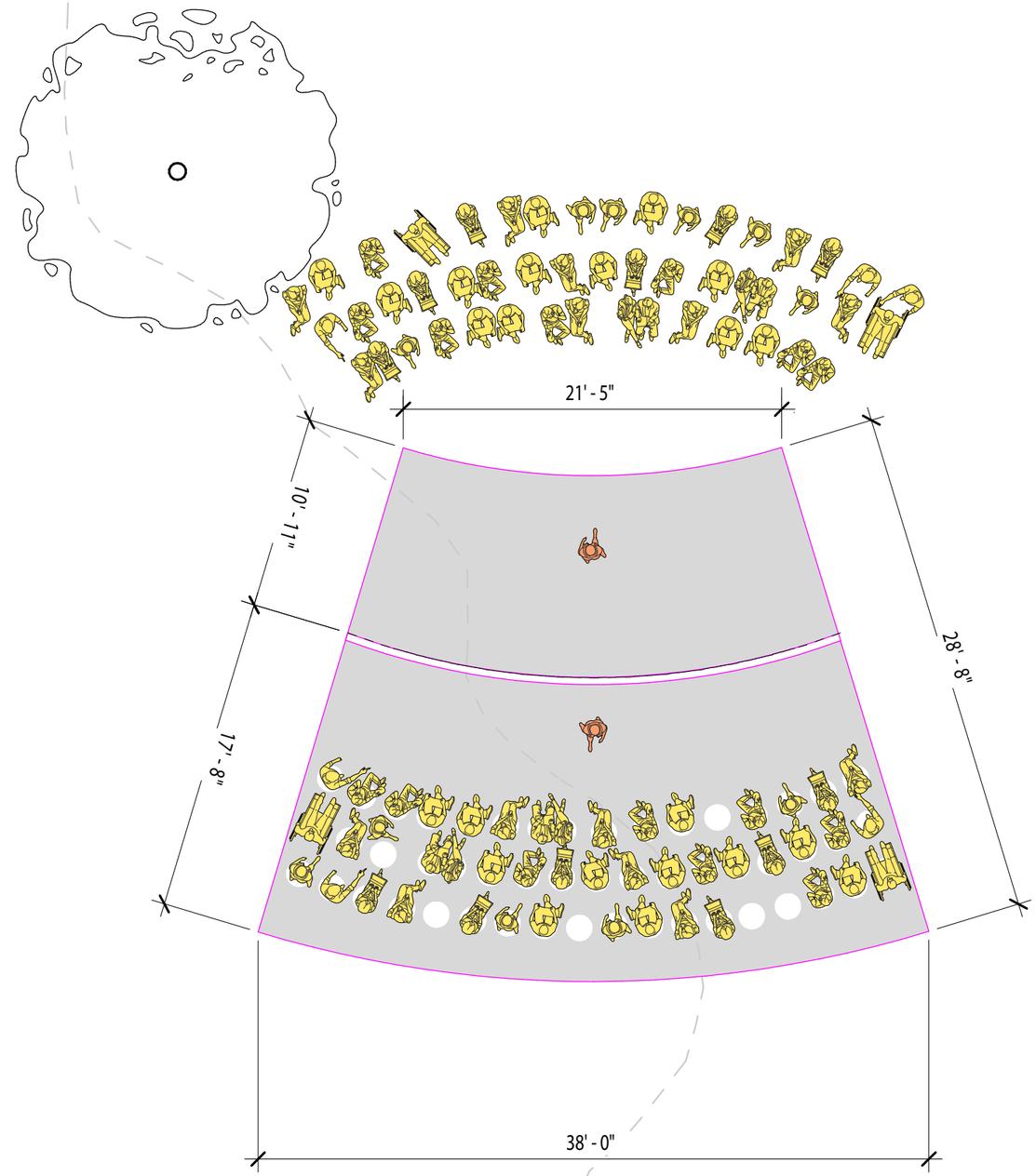
BKSK RKLA Studio LANDSCAPE ARCHITECTURE Silman Queens Botanical Garden NYC Cultural Affairs NYC Parks

FOOTPRINT SIZING_38'_NEW PROPOSED

QBG PAVILION

1/32" = 1'-0"
Project Number: 2218
07.01.2024

BKSK



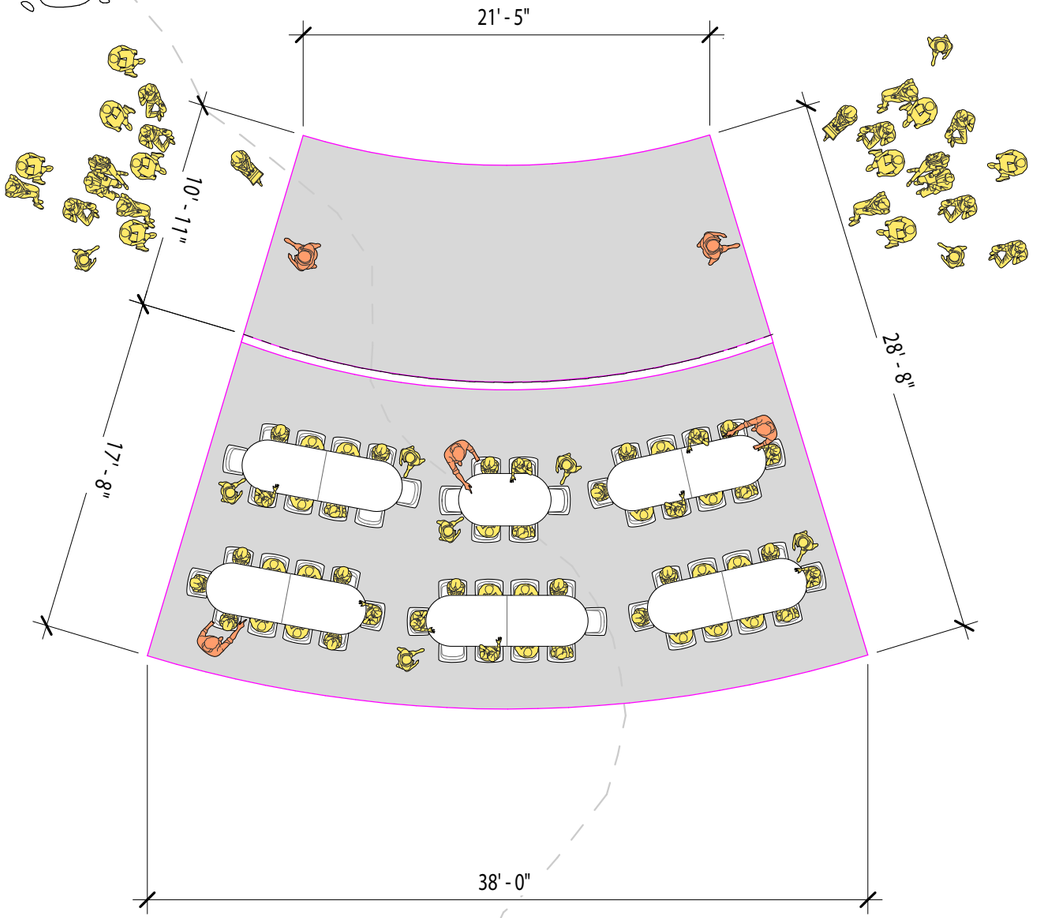
FOOTPRINT SIZING_38'_NEW PROPOSED_A

QBG PAVILION

10

1/8" = 1'-0"
Project Number: 2218
07.01.2024

BKSK



COUNT OF PEOPLE IN PAVILION: 50-55

FOOTPRINT SIZING_38'_NEW PROPOSED_B

QBG PAVILION

1/8" = 1'-0"
Project Number: 2218
07.01.2024

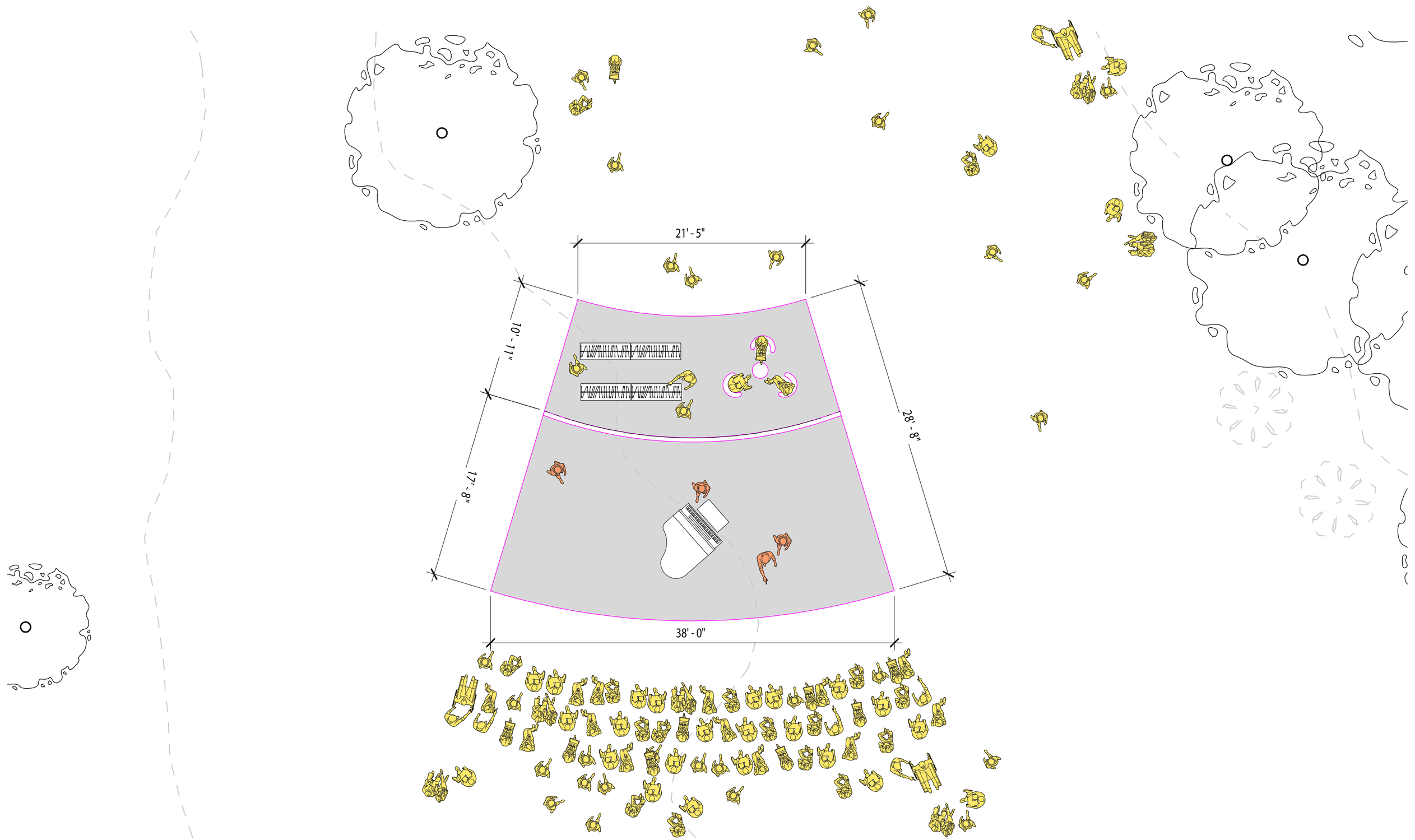
BKSK

FOOTPRINT SIZING_38'_NEW PROPOSED_C

QBG PAVILION

1/8" = 1'-0"
Project Number: 2218
07.01.2024

BKSK



FOOTPRINT SIZING_38'_NEW PROPOSED_D

QBG PAVILION

13

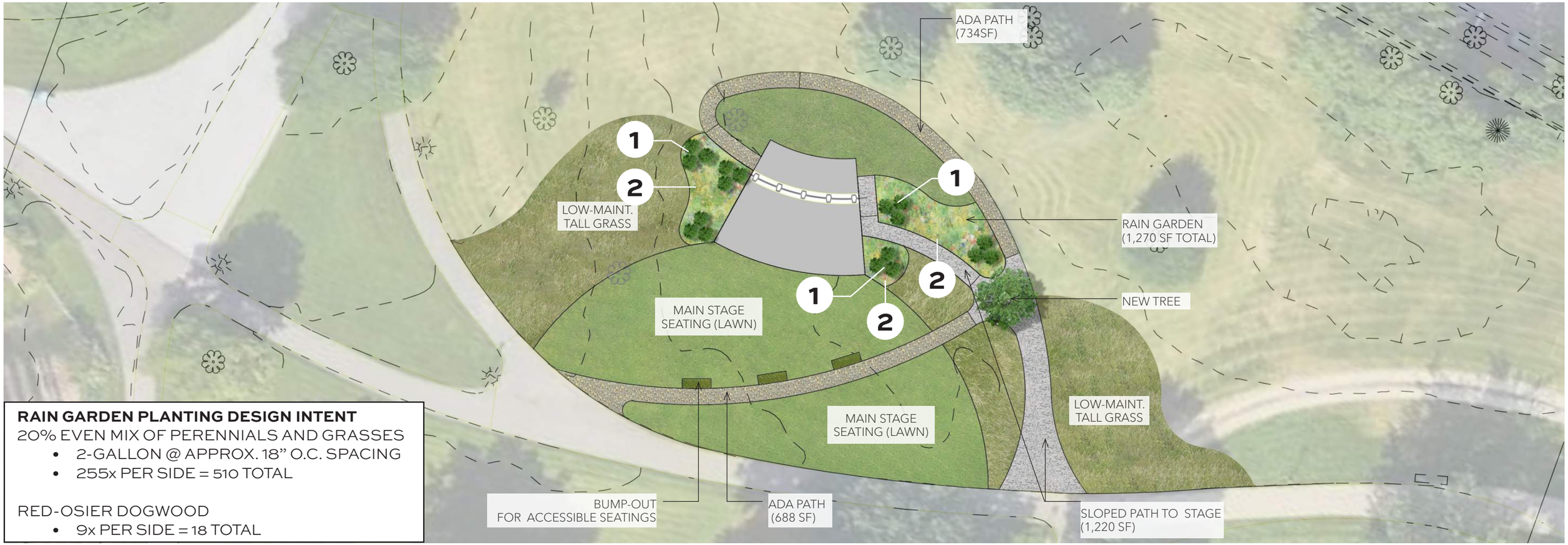
1/8" = 1'-0"
Project Number: 2218
07.01.2024

BKSK

LANDSCAPE PLAN

QBG PAVILION

BKSK RKLA Studio LANDSCAPE ARCHITECTURE Silman Queens Botanical Garden NYC Cultural Affairs NYC Parks



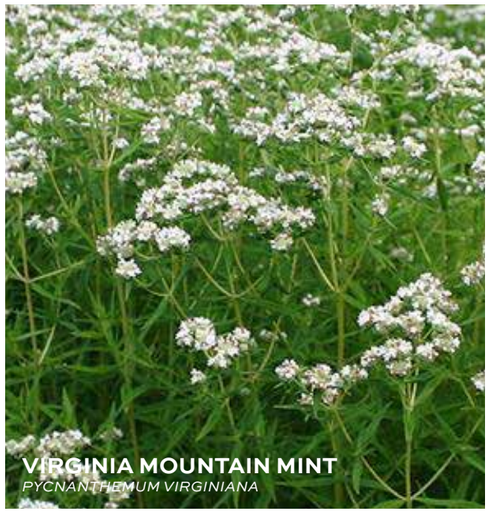
RAIN GARDEN PLANTING DESIGN INTENT

20% EVEN MIX OF PERENNIALS AND GRASSES

- 2-GALLON @ APPROX. 18" O.C. SPACING
- 255x PER SIDE = 510 TOTAL

RED-OSIER DOGWOOD

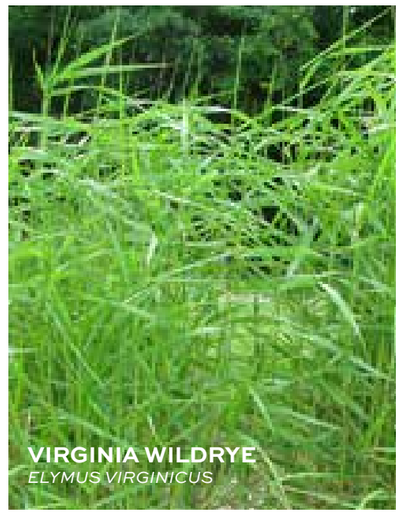
- 9x PER SIDE = 18 TOTAL



LANDSCAPE PLAN - PERENNIALS / GRASSES AT RAIN GARDEN

QBG PAVILION

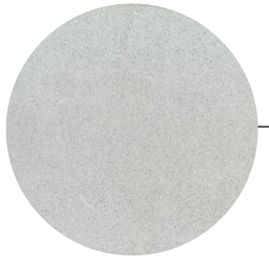
BKSK RKLA Studio LANDSCAPE ARCHITECTURE Silman Queens Botanical Garden NYC Cultural Affairs NYC Parks



LANDSCAPE PLAN - LOW-MAINTENANCE GRASS MIX AND NEW TREE

QBG PAVILION

DUCTAL UHPC



CANOPY AND COLUMNS

EXPOSED AGGREGATE CONCRETE

STAGE

EXPOSED AGGREGATE CONCRETE

AND

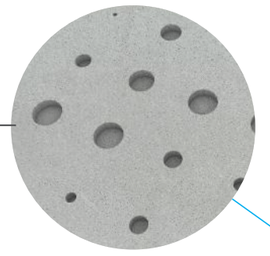
PERMEABLE PAVING

PATHS

RIVER ROUNDS

COLUMN BASE TRENCH

PERFORATED PANELS



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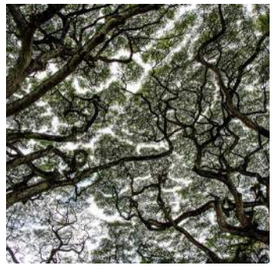

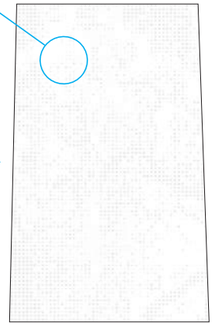

BIOPHILIC IMAGERY

BKSK RKLA Studio LANDSCAPE ARCHITECTURE Silman Queens Botanical Garden NYC Cultural Affairs NYC Parks

View Facing Northwest

View Facing West

View Facing Southwest

Open Air Pavilion and Kids Culture Garden at the Queens Botanical Garden

43-50 Main Street (Block 5107, Lot 200)

KISSENA PARK, FLUSHING, QUEENS COUNTY, NEW YORK

Phase 1A Archaeological Documentary Study

Prepared for:

Dormitory Authority of the State of New York (DASNY)
One Penn Plaza, 52nd Floor
New York, New York 10119-0098

Prepared by:

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

FEBRUARY 2021 (REVISED March 2021)

Management Summary

NYSOPRHP Project Review Number: 21PR00293

Involved Agencies: Dormitory Authority of the State of New York (DASNY)

Phase of Survey: Phase 1A Documentary Study

Location Information

Location: Flushing, New York
Minor Civil Division: 08101
County: Queens County

Survey Area, Open Air Pavilion

Length: Approximately 500 feet
Width: Approximately 175 feet
Area: 1.7 acres (73,000 square feet)

Survey Area, Kids Culture Garden

Length: Approximately 160 feet
Width: Approximately 350 feet
Area: 1 acres (45,000 square feet)

USGS 7.5 Minute Quadrangle Map: Flushing and Jamaica

Report Author: Elizabeth D. Meade, PhD, RPA

Date of Report: February 2021, Revised March 2021

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Figure 5: 1852 Connor Map

Figure 6: 1909 Bromley Atlas

Chapter 1: Introduction and Methodology

A. INTRODUCTION AND PROJECT DESCRIPTION

The Queens Botanical Garden Society, Inc. ("Queens Botanical Garden" or "QBG") is proposing to construct improvements on the QBG grounds within Kissena Park in the Flushing neighborhood of Queens, New York (see **Figure 1**). The QBG is an approximately 39-acre property located on Block 5107, Lot 200 in the Flushing neighborhood in the borough of Queens, Queens County, New York. The QBG is located at 43-50 Main Street and is bounded by Main Street to the east; Elder Avenue, 133rd Street, and Booth Memorial Avenue to the south; College Point Boulevard to the west; and Blossom and Dahlia Avenues and Crommelin Street to the north Project Site. The Proposed Project would provide the QBG with new garden amenities that would support the QBG's sustainability initiatives while enhancing the visitor experience of the garden, including opportunities for hands-on experiences for children visiting the garden.

The Dormitory Authority of the State of New York ("DASNY") has received a funding request from QBG for its *Open Air Pavilion and Kids Culture Garden* as part of the Community Capital Assistance Program ("CCAP") and/or the State and Municipal Facilities Program "SAM") (DASNY project #8140). The Proposed Action would involve DASNY's authorization of the expenditure of CCAP and/or SAM program bond proceeds for the Proposed Project as described below. The grant funding would be used for the design and construction of an open air pavilion with composting toilets, and a kids culture garden ("the Proposed Project"). The open air pavilion would provide approximately 3,200 square feet ("sf") of covered space that is envisioned to be used for educational programs for children and adults and for professional development for teachers. The approximately 0.5-acre kids culture garden would provide hands-on learning opportunities. The Proposed Project is part of a multi-phase Education Center that will also include an approximately 13,000-gross-square-foot ("gsf") Education Building. The Education Building is currently in design and undergoing a separate environmental assessment.

The Project Site therefore includes two non-contiguous locations within the QBG: 1) the open air pavilion site is located in the southwest portion of the QBG and 2) the kids culture garden site is located in the south-central portion of the QBG (see **Figure 2**). The construction of the open air pavilion will require site clearing and the installation of piles to support a structural slab for the base of the pavilion. The kids culture garden would include woodlands, a garden, and water play areas. Both locations are grassy, unprogrammed open areas that are landscaped with small, mature, and common trees.

B. PROPOSED ACTION AND REQUIRED APPROVALS

The land on which the QBG is located is mapped parkland owned by the City of New York and receives funding through the Office of the Mayor of New York, the New York City Council, and the Office of the Queens Borough President, with most City funding issued through the New York City Department of Cultural Affairs ("NYCDCLA"). In addition, the QBG receives New York State funding through New York State Office of Parks, Recreation and Historic Preservation ("NYSOPRHP"). The QBG is under the jurisdiction of NYCDCLA. The QBG capital projects must receive approval from the New York City Department of Parks and Recreation ("NYC Parks"). Approval from the New York City Public Design Commission ("NYCPDC") is also required because the QBG is on City-owned property. The Proposed Project is therefore being reviewed pursuant to the *State Environmental Quality Review Act ("SEQRA")*, codified at Article 8 of the *New York Environmental Conservation Law ("ECL"),* and its implementing regulations, promulgated at Part 617 of Title 6 of the *New York Code, Rules and Regulations ("N.Y.C.R.R."),* which collectively contain the requirements for the *State Environmental Quality Review ("SEQR")* process. The environmental review of the Open Air Pavilion and Kids Culture Garden project ("Proposed Project") follows *SEQRA*, and the New York *City Environmental Quality Review ("CEQR") Technical Manual* generally is used as a guide with respect to environmental analysis methodologies and impact criteria for evaluating the Proposed Project.[1] For purposes of *SEQR*, the Proposed Action would consist of DASNY's authorization of the issuance of the grant funding to the QBG.

The Proposed Project is also being reviewed in conformance with the *New York State Historic Preservation Act of 1980 ("SHPA")*, specifically the implementing regulations of Section 14.09 of the *Parks, Recreation and Historic Preservation Law ("PRHPL")*, as well as with the requirements of the Memorandum of Understanding ("MOU"), dated March 18, 1998, between DASNY and the New York State Office of Parks, Recreation, and Historic Preservation (NYSOPRHP).

Pursuant to these regulations, consultation was initiated with NYSOPRHP regarding the Project Site's potential archaeological sensitivity. In a comment letter dated January 20, 2021, NYSOPRHP determined that the Project Site is potentially archaeologically sensitive and requested that a Phase 1A Literature Search and Sensitivity Assessment (also known as a "Phase 1A Archaeological Documentary Study" or "Phase 1A Study") be prepared to further assess areas of archaeological sensitivity within the Project Site. Specifically, NYSOPRHP stated that the site was in close proximity to New York State Museum ("NYSM") archaeological site number 4524, which was reported to include precontact archaeological resources and human remains potentially associated with military activity in the area during the Revolutionary War. This Phase 1A Study has been prepared to satisfy these comments.

[1] The City of New York, Mayor's Office of Environmental Coordination, *CEQR Technical Manual,* 2020.

C. RESEARCH GOALS AND METHODOLOGY

The Phase 1A Study of the QBG Project Site has been designed to satisfy the requirements of NYSOPRHP and it also follows the guidelines of the New York Archaeological Council ("NYAC"). The study documents the development history of the Project Site and its potential to yield archaeological resources, including both precontact and historic period cultural resources. This Phase 1A Study has four major goals: (1) to determine the likelihood that the Project Site was occupied during the precontact (Native American) and/or historic periods; (2) to determine the effect of subsequent development and landscape alteration on any potential archaeological resources that may have been located within the Project Site; (3) to make a determination of the Project Site's potential archaeological sensitivity; and (4) to make recommendations for further archaeological analysis, if necessary. The steps taken to fulfill these goals are explained in greater detail below.

The first goal of this documentary study is to determine the likelihood that the Project Site was inhabited during the precontact and/or historic periods, and identify any activities that may have taken place in the vicinity that would have resulted in the deposition of archaeological resources.

The second goal of this Phase 1A Study is to determine the likelihood that archaeological resources could have survived intact within the Project Site after development and landscape alteration (e.g., erosion, grading, filling, etc.). Potential disturbance associated with grading, utility installation, and other previous development-related impacts was also considered. As described by NYAC in their *Standards for Cultural Resource Investigations and the Curation of Archaeological Collections in New York State*, published in 1994 and subsequently adopted by NYSOPRHP:

> *An estimate of the archaeological sensitivity of a given area provides the archaeologist with a tool with which to design appropriate field procedures for the investigation of that area. These sensitivity projections are generally based upon the following factors: statements of locational preferences or tendencies for particular settlement systems, characteristics of the local environment which provide essential or desirable resources (e.g., proximity to perennial water sources, well-drained soils, floral and faunal resources, raw materials, and/or trade and transportation routes), the density of known archaeological and historical resources within the general area, and the extent of known disturbances which can potentially affect the integrity of sites and the recovery of material from them* (NYAC 1994: 2).

The third goal of this study is to make a determination of the Project Site's archaeological sensitivity. As stipulated by the NYAC standards, sensitivity assessments should be categorized as low, moderate, or high to reflect "the likelihood that cultural resources are present within the project area" (NYAC 1994: 10). For the purposes of this study, those terms are defined as follows:

- Low: Areas of low sensitivity are those where the original topography would suggest that Native American sites would not be present (i.e., locations at great distances from fresh and salt water resources), locations where no historic period activity occurred before the installation of municipal water and sewer networks, or those locations determined to be sufficiently disturbed so that archaeological resources are not likely to remain intact.
- Moderate: Areas with topographical features that would suggest Native American occupation, documented historic period activity, and with some disturbance—but not enough to eliminate the possibility that archaeological resources are intact on the project site.
- High: Areas with topographical features that would suggest Native American occupation, documented historic period activity, and minimal or no documented disturbance.

As mentioned above, the fourth goal of this study is to make recommendations for additional archaeological investigations where necessary. According to NYAC standards, Phase 1B testing is generally warranted for areas determined to have moderate sensitivity or higher. Archaeological testing is designed to determine the presence or absence of archaeological resources that could be impacted by a proposed project. Should they exist on the Project Site, such archaeological resources could provide new insight into the precontact occupation Queens, the transition from Native American occupation to European colonization, or the historic period occupation of the Project Site.

To satisfy the goals as outlined above, documentary research was completed to establish a chronology of the Project Site's development, landscape alteration, and to identify any individuals who may have owned the land or worked and/or resided there, and to determine if buildings were present there in the past. Data was gathered from various published and unpublished primary and secondary resources, such as historic maps; topographical analyses (both modern and historical); historical and current photographs (including aerial imagery); newspaper articles; local histories; and previously conducted archaeological surveys. These published and unpublished resources were consulted at various repositories, including the Main Research Branch of the New York Public Library (including the Local History and Map Divisions), the Library of Congress, the New York City Municipal Archives, and the Queens Public Library Archives. Previously identified archaeological sites and previously conducted archaeological resources in the vicinity were collected from the files of NYSOPRHP, NYSM, and the New York City Landmarks Preservation Commission ("NYCLPC"). Information on previously identified archaeological sites and previous cultural resources assessments was accessed through the New York State Cultural Resource Information System (CRIS) maintained by NYSOPRHP.[1] Online

[1] https://cris.parks.ny.gov

textual archives, such as Google Books and the Internet Archive Open Access Texts, were also accessed.

Chapter 2: Environmental and Physical Settings

A. CURRENT CONDITIONS

The two sections of the Project Site are currently undeveloped, landscaped areas. The location of the proposed open air pavilion is generally level with a slight rise upward to the south (see **Photographs 1** through **3** on **Figure 3A**). Paved pathways and a haul road extend through and around this portion of the Project Site. The site of the kids culture garden is also situated in a generally level area north of a steep hill that rises up to the south and leads to Elder Avenue (see **Photographs 4** through **6** on **Figure 3B**). Both portions of the Project Site are grassy lawns with some trees or other landscaping elements.

B. GEOLOGY AND TOPOGRAPHY

The Borough of Queens is located within a geographical region known as the Atlantic Coastal Plain Physiographic Province. The Atlantic Coastal Plain, which includes all of Long Island, tends to include flat, gently sloping land (Isachsen, et al. 2000). Glacial till characterizes the surficial geology of the site (Cadwell 1989). The till in the western portion of the Project Site is specifically associated with the Monmouth Group, a combination of silty clay and gravel dating while the till in the eastern portion is associated with the Raritan Formation, composed of clay, silty clay, sand, and gravel (Fisher, et al. 1980). Both till types date to the Upper Cretaceous Period of the Mesozoic Era, which lasted between approximately 97 and 66 million years ago (Fisher, et al. 1980; Isachsen, et al. 2000). This till was deposited by the massive glaciers that retreated from the area towards the end of the Pleistocene 1.6 million years before present ("BP") to approximately 10,000 years BP. There were four major glaciations that affected New York City, culminating approximately 12,000 years ago with the end of the Wisconsin period. During the ice age, a glacial moraine bisected Long Island, running in a northeast-southwest direction through the center of what is now the borough of Queens (Isachsen, et al. 2000). The Project Site is situated to the north of the Terminal Moraine, the ridge of hills that runs through central Queens marking the southernmost extent of the glacial advancement.

In addition to the deposition of till, the retreating glaciers also left behind a trail of melting ice and water, resulting in the formations of wetlands and small bodies of water across the region. Between 12,000 and 6,000 years BP, sea levels fluctuated, followed by a rapid rise in sea levels, reaching their current state by approximately 3,000 years ago (Geoarcheological Research Associates 2007). As seen on the 1891 United States Geological Survey ("USGS")

maps of the area (see **Figure 4**), the Project Site was historically included in an inundated marsh associated with the larger wetland network known as Flushing Meadows.

The 1891 maps indicate that the elevation of the area was at sea level. Modern Lidar elevation data recorded by USGS in 2013 indicates that the site of the open air pavilion is situated at an elevation of 18 to 24 feet relative to the North American Vertical Datum of 1988 ("NAVD88") and the kids culture garden is largely situated between 18 and 22 feet NAVD88, with the steep hill near its southern side rising to elevations of 32 feet or more. Both portions of the Project Site include a slight rise to the south, and the areas of slightly higher elevation may overlap with areas of fast land as seen on the 1891 USGS maps. The 1891 maps appear to suggest that the elevations of these fast land areas was less than 20 feet above sea level in both locations. This appears to suggest that the majority of the Project Site contains between 18 and 24 feet of fill deposits and that additional fill deposits are expected to overlie the former areas of dry land at the southern boundary of the Project Site.

C. HYDROLOGY

A small creek known as either "Kissena Creek," "Ireland Mill Creek," or "Mill Creek" historically passed through the marshes through and in the vicinity of the Project Site (Kadinsky 2016). Portions of the creek continue to run through subsurface sewers and culverts throughout Flushing Meadows and Kissena Parks, including beneath the QBG (ibid).

D. SOILS

The Web Soil Survey maintained by the United States Department of Agriculture's Natural Resources Conservation Service[1] indicates that two soil complexes are present within the Project Site. The open air pavilion site is situated in an area where the soils are characterized as the "Laguardia-Ebbets complex." The typical profile of these types of soils includes 0 to 8 inches of "cobbly-artifactual coarse sandy loam" over layers of subsoil characterized as "very cobbly-artifactual coarse sandy loam." These well-drained soils are typically found in level areas with slopes ranging from 0 to 3 percent. The same soils are present within the northern portion of the kids cultural garden portion of the Project Site. The southern part of the kids culture garden portion of the Project Site is characterized by a similar soil complex known as "Laguardia artifactual coarse sandy loam." The typical profile of that soil type is the same as seen to the north; however soils associated with that complex are typically found in areas with 8 to 15 percent slopes.

[1] https://websoilsurvey.sc.egov.usda.gov/

A. PREVIOUSLY IDENTIFIED NATIVE AMERICAN ARCHAEOLOGICAL SITES NEAR THE PROJECT SITE

In general, Native American habitation sites are most often located in coastal areas with access to marine resources, near fresh water sources and areas of high elevation and level slopes (less than 12 to 15 percent) (NYAC 1994). Further indication of the potential presence of Native American activity near a Project Site is indicated by the number of precontact archaeological sites that have been previously identified in the vicinity. Information regarding such previously identified archaeological sites was obtained from various locations including the site files of NYSOPRHP, LPC, NYSM, and from published accounts. Seven sites have been identified within one mile of the Project Site in databases maintained by NYSOPRHP and NYSM (accessed via CRIS) and the Project Site is located within a generalized area of archaeological sensitivity as mapped by NYSOPRHP. These sites are summarized in **Table 3-1**, below.

Table 3-1
Precontact Archaeological Sites in the Vicinity of the Project Site

Site Name/ Number	Site Type	Approximate Distance from Project Site	Other	Source Information
Linnean Garden NYSM Site 4524	Burial Site	Location 1: 150 feet Location 2: 4,100 feet	The site is mapped in two different locations in CRIS; actual location appears to be Location 2	Furman 1875; Parker 1920; Bolton 1922;
Matinecock Settlements NYSM Site 4526	Villages	4,700 feet	Multiple village sites described along coasts of in northern Flushing and Long Island	Parker 1920
NYSM Site 4542	Camp	4,000 feet		Parker 1920
NYSM Site 4544	Camp	1,400 feet		Parker 1920
NYSM Site 4545	Traces of occupation	Overlaps		Parker 1920
New York Hall of Science Precontact Site NYSOPRHP: 08101.011526	Surface finds, possible camp	5,000 feet		
Flushing Friends Meeting House Precontact Site NYSOPRHP: 08101.011370	Woodland-era campsite with projectile points and other lithic artifacts	4,000 feet		

Source: CRIS (https://cris.parks.ny.gov)

The majority of these sites were mapped using descriptions provided by Parker (1920) based on reports from other archaeologists and avocational archaeologists in the late 19th and early 20th centuries. Little is known about these sites and they were not excavated according to modern archaeological standards or ethical guidelines. Two sites were documented through

modern archaeological surveys. The first (NYSOPRHP site 08101.011526) included a surface find—a possible lithic core—on the grounds of the New York Hall of Science nearly one mile west of the Project Site. The other site (NYSOPRHP site 08101.011370) included a small Woodland-period campsite that included projectile points and other precontact lithic artifacts that was documented by archaeologists Eugene Boesch and Jerome Wooden in the location of the Friends Meeting House, which also contains a historic-period cemetery.

THE FLUSHING OR LINNAEAN GARDEN SITE

DESCRIPTION OF THE LINNAEAN GARDEN SITE

The final site, known as the Flushing or Linnaean Garden Site (NYSM site 4524) has been reported to have been located in the vicinity of the Project Site. The site is believed to have been utilized as a "station," or occupation site, with planting fields that were later repurposed as botanical gardens in the historic period, long before the modern QBG was formed (Bolton 1922:182). The CRIS listing for the site is based on the description included in Parker (1920), which describes the site as: "Burial sites yielding 11 skeletons, in the Linnaean Garden in Flushing in 1841. All heads were to the east" (Parker 1920:672). Parker's source for information on the site was historian Gabriel Furman (1875), who described the site and its discovery as follows:

> *In the month of July 1841, eleven human skeletons were unearthed in excavating the ground to run a road through the Linnæn Garden, at Flushing, in Queens County. The place where they were found has been for fifty years used as a horticultural nursery. They were within a circle of thirty feet, their heads all lay to the east, and some nails and musket-balls were found with them. Conjecture has been foiled in speculating upon the circumstances under which they were inhumed* (Furman 1875: 5-6).

A similar narrative was published by historian Benjamin F. Thompson in 1843, only two years after the reported discovery of the remains. Additional similar reports have been repeated in other published works, including Bolton (1922). Fulton's account therefore appears to have been based on Thompson's:

> *In the autumn of 1841, while some persons were employed in excavating the ground, in the grading of Linnæus street, through a part of what was once the Linnæan Gardens, a dozen or more human skeletons were discovered and exhumed almost entire. From the fact of leaden bullets being found among the bones, it seems highly probably that the unfortunate individuals whose relics they were had fallen by an enemy in battle—and from the circumstance that a very considerable British force was stationed here during the Revolutionary war, it is no more reasonable to suppose, these bones may have been the remains of some of our countrymen, or of their opponents, who had fallen in a skirmish with each other* (Thompson 1843 II: 93-94).

THE LOCATION OF THE LINNAEAN GARDEN SITE

The Linnaean Garden site is mapped in CRIS in two different locations. The first is in the immediate vicinity of the Project Site and the second is mapped more than 4,000 feet north of the Project Site. The identification of the second location appears to be the result of research completed by William Roberts of Greenhouse Consultants, Inc. in 1997. Roberts also noted that the NYSOPRHP files indicate that the Linnaean Garden site was in the vicinity of Kissena Park to the east of the Project Site. However, Roberts speculated that the site was mapped in the incorrect location, as the 1873 Beers atlas depicted "Linnaeus Street" in downtown Flushing, in the location of what is now Prince Street north of Main Street. This location is more consistent with the second location of the site as mapped in CRIS more than 4,000 feet north of the site. Innes (1908) and Seyfried (2001) also indicate that the garden was located in the vicinity of modern Prince Street to the north of the Project Site. Smith's 1841 map of Flushing also depicts the garden in this area and depicts the proposed line of Linnaeus Street.

The confusion regarding the site's location appears to be related to the fact that there were multiple garden sites in Flushing during the 19th century, as the neighborhood had a long history as a place where domesticated crops and exotic plants were cultivated (Seyfried 2001). Named after biological classifier Carl Linnaeus, Linnaean gardens were popular precursors to modern botanical gardens in Europe and the Americas in the 18th and 19th centuries (Upsala 2021). An 8-acre "Linnaean Botanic Garden" was established in the Flushing area by William Prince ca. 1750 and was later operated by his children, William Prince, Jr. and Benjamin Prince, known collectively as "William Prince and Sons" (Thompson 1839; Seyfried 2001). The garden was initially noted for its extensive grove of English cherry trees and it later yielded a variety of ornamental trees and other crops as well (Thompson 1839). It was expanded to 24 acres in 1793 and covered more than 60 acres by the late 1830s (ibid). Revolutionary War activity was documented in the vicinity of the garden, as British General William Howe ordered his guards to protect the garden's ample resources after his arrival in Flushing in the summer of 1777 (ibid). It was Howe who gave the Linnaean Gardens its name, having previously been known as Prince's Gardens (Seyfried 2001).

Following the war, William and Benjamin Prince established additional nurseries in Flushing that were later consolidated into a single business (Seyfried 2001). After the Prince family embarked upon a silk business that was ultimately a failure, the nurseries were foreclosed upon in 1851 and later operated by Gabriel Winter operating as "Winter and Company" until 1862 (ibid). William Prince attempted to re-start his horticultural career by opening a new, 51-acre nursery south of 41st Avenue, though the size of the new parcel was significantly reduced following the construction of the a railroad line through the area (ibid). The 1852 Connor map of Queens County (see **Figure 5**) depicts "Prince's Nursery" on a 10-acre parcel situated to the south of the Project Site in an area situated between roads that appear to be precursors to modern Elder Avenue and Booth Memorial Avenue. The map continues to depict the Project Site as almost entirely, if not entirely, covered with marshland. The map continues to depict a small parcel of land in the vicinity of modern Prince and Main Streets north of the Project Site as "Prince's Nursery."

Furthermore, maps appear to indicate that the Project Site continued to be largely occupied by inundated marshland until the early 20th century, making it unlikely that it was the site of any historic-period burials. Therefore, it appears that the site where at least eleven graves were disinterred was more than 4,000 feet north of the Project Site and was unrelated to the Prince's gardens that was established to the south of the Project Site ca. 1851. AKRF notified NYSM of the mapping error and OPRHP has remapped the site in its correct location as OPRHP site 08101.013320.

B. DEVELOPMENT HISTORY OF THE PROJECT SITE

As described previously, the Project Site remained inundated marshland until the early 20th century. The 1891 Wolverton and 1904 Ullitz atlases continue to depict a creek running through a portion of what is now the QBG. Wolverton's atlas depicts a mill to the southwest of what is now the QBG, which appears to have given the adjacent creek its name. The Ullitz map also suggests that the areas of tidal marsh were divided into large privately-owned tracts that were presumably associated with salt hay farming and cultivation. The 1909 Bromley atlas of Queens (see **Figure 6**) depicts the Project Site in the same manner, though it reflects greater urban development surrounding the Project Site, including to the south of modern Elder Avenue. The map also identifies the stream in the vicinity of the Project Site as "Mill Creek." Sanborn maps published in 1917 and a 1924 aerial photograph taken by the City of New York[1] indicate that the creek and surrounding marshes were still present. The 1917 Sanborn map indicates that some residential development occurred by this time along the northern side of Elder Avenue within the modern QBG property but outside of the Project Site, which was still inundated by Mill Creek and its associated marshlands.

The dramatic transformation of the Flushing Meadows area occurred in the 1930s in preparation for the 1939 World's Fair. The fairgrounds extended as far east as College Point Boulevard, the western boundary of the modern QBG (Cotter 2009). Though it was situated east of the fairgrounds, modern Kissena Park, including the QBG, was filled at the same time.[2] A portion of the fairgrounds that had been filled and landscaped as part of the "Gardens on Parade" exhibit was transformed into the first site of the QBG after the fair concluded (ibid). Though the 1951 Sanborn map continues to depict Kissena Creek running through the Project Site, a 1951 aerial photograph depicts the modern location of the QBG as filled, but undeveloped. As part of the preparation for the 1964 World's Fair, which was also held in Flushing Meadows, the QBG was moved to its current location in 1961 (QBG 2021). At the time of the relocation, the modern QBG site was still largely occupied by "bog and dumps" and required significant grading and filling to create a landscape suitable for ornamental gardens (*New York Times* 1961: 16). Some of the trees planted in the garden exhibit for the 1939 fair

[1] Accessible here: https://maps.nyc.gov/then&now/.

[2] Photographs documenting the filling of marshes in the vicinity of Kissena Park can be found here: http://nycma.lunaimaging.com/luna/servlet/s/gs0x12 and here: http://nycma.lunaimaging.com/luna/servlet/s/a19k4z.

were replanted in the modern QBG (QBG 2021). As initially planned, the formal gardens were to be located in the QBG's southeast corner, near Main Street, while the remainder of the site, including the Project Site, was to be "informally landscaped" pending later development and associated landscape initiatives that do not appear to have been realized (*Ridgewood Times* 1962). Sanborn maps published between 1981 and the present and aerial photographs taken between 1996 and the present depict the Project Site as an undeveloped and landscaped portion of the park.

Chapter 4: Conclusions and Recommendations

A. CONCLUSIONS

As part of the background research for this Phase 1A Study, various primary and secondary resources were analyzed, including historic maps and atlases, historic photographs, newspaper articles, and local histories. The information provided by these sources was analyzed to reach the following conclusions.

ASSESSMENT OF PREVIOUS DISTURBANCE

The Project Site was inundated by a creek and surrounding marshlands until filling efforts transformed the landscape in the 1930s. These landfilling initiatives included the diversion of the creek into sewers and culverts that allow the stream to continue to run beneath the larger QBG property. The site of the QBG experienced further disturbance during its conversion to the modern botanical garden in the 1960s, at which time the QBG was graded and landscaped.

PRECONTACT SENSITIVITY ASSESSMENT

The precontact sensitivity of project sites in New York City is generally evaluated by a site's proximity to level slopes, watercourses, well-drained soils, and previously identified precontact archaeological sites. As described in **Chapter 3**, **"Background Research**,**"** the Project Site is located in the vicinity of a number of previously reported archaeological sites.[1] While the marshes within and surrounding the Project Site would have provided important resources for local indigenous groups during the precontact period, the Project Site was occupied by an active Creek and tidal marsh until the 1930s. The efforts made to transform the area into the QBG would therefore have resulted in significant landscape modification. Therefore, given the extent to which the Project Site has been disturbed as a result of both natural and anthropomorphic landscape modification associated with an active waterway, landfilling efforts, and the construction of the QBG, the Project Site is determined to have low sensitivity for archaeological resources associated with the precontact occupation of the area.

[1] The previously reported Linnean Garden archaeological site (NYSM 4524) containing human remains was determined by AKRF to have been mapped in the wrong place in NYSOPRHP's CRIS and was actually located more than 4,000 feet to the north of the Project Site.

HISTORIC SENSITIVITY ASSESSMENT

The Project Site was inundated until the 1930s and a review of historical maps indicated that no historical development occurred on the Project Site until the QBG was established there in the 1960s. The Project Site is therefore determined to have no archaeological sensitivity for resources associated with the historic period occupation of the area.

B. RECOMMENDATIONS

The Project Site is determined to have low sensitivity for precontact archaeological resources and no sensitivity for archaeological resources associated with the historic period. The impacts associated with the construction of the open air pavilion and the kids culture garden are therefore not expected to result in the disturbance of archaeological resources and no further archaeological analysis is recommended.

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1904 Atlas of the Borough of Queens, City of New York. Brooklyn, New York: E. Belcher Hyde.

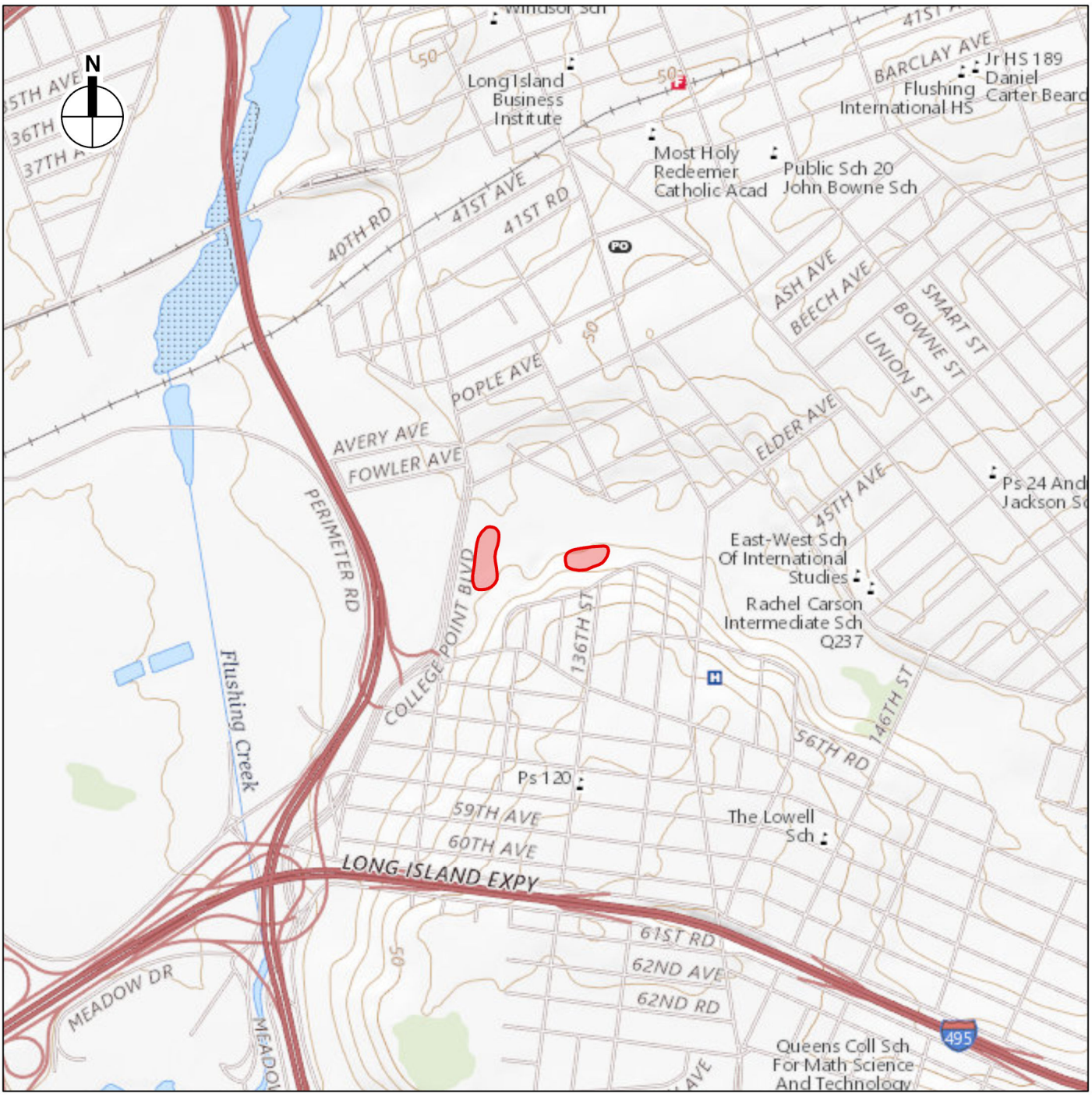
United States Geological Survey
1891 *New York: Harlem Sheet*. Washington, DC: United States Geological Survey.

United States Geological Survey
1891 *Harlem, NY-NJ Quadrangle, USGS 15 Minute Series*. Washington, DC: United States Geological Survey.
1891 *Brooklyn, NY-NJ Quadrangle, USGS 15 Minute Series*. Washington, DC: United States Geological Survey.
2013 "USGS New York CMGP Sandy Lidar." Accessed through: LAS.xml

Upsala
2021 "The Linnaeus Garden." Accessed January 27, 2021: https://destinationuppsala.se/en/activities/the-linnaeus-garden/.

Wolverton, Chester
1891 *Atlas of Queens County, Long Island, New York*. New York: Chester Wolverton.

Figures

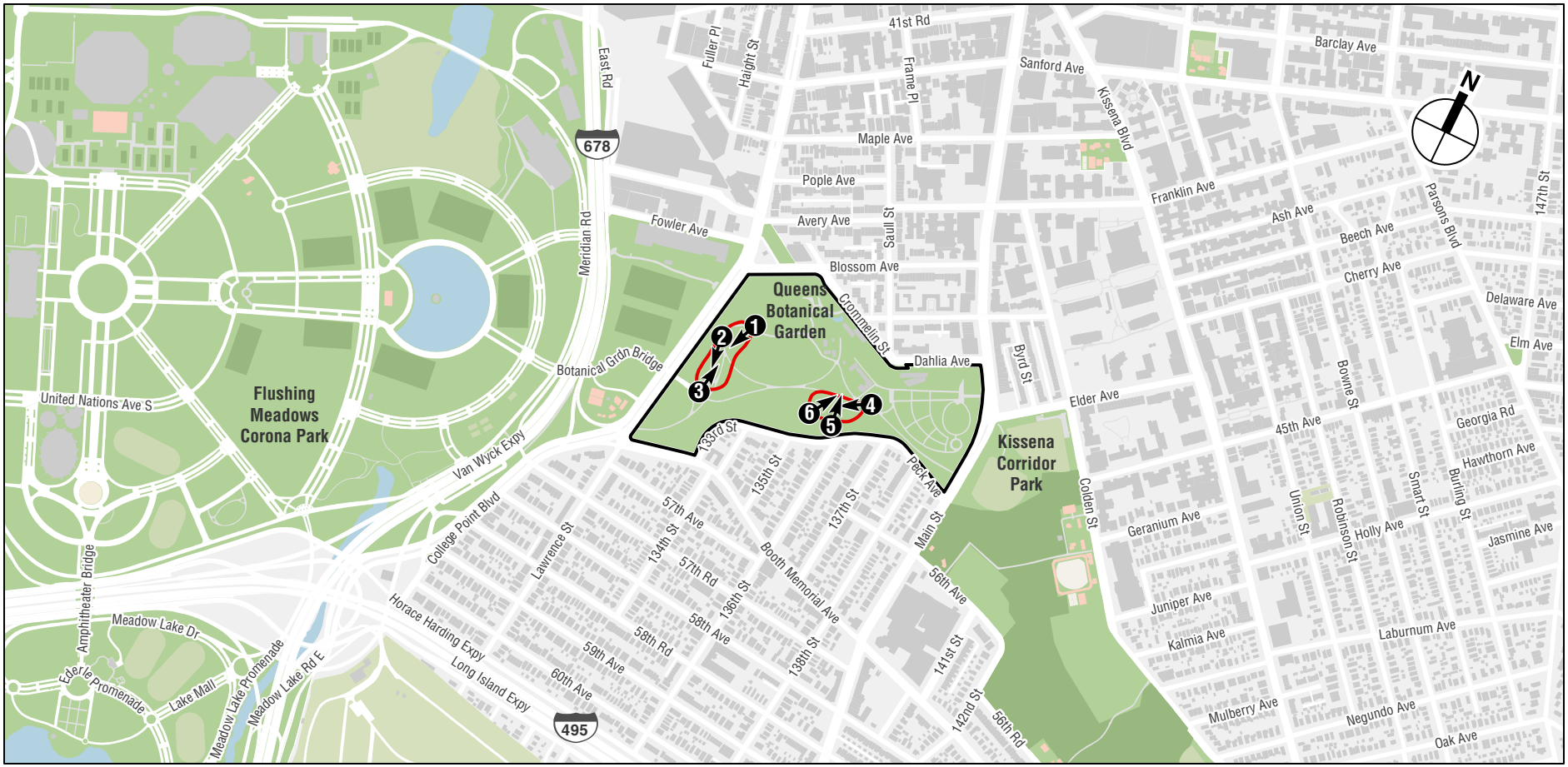


Approximate coordinates of Project Site:
73°49'49"W 40°45'1"N

USGS Topographic Map - Flushing and Jamaica Quadrangles

QUEENS BOTANICAL GARDEN – OPEN AIR PAVILION AND KIDS CULTURE GARDEN **Figure 1**

2.3.21



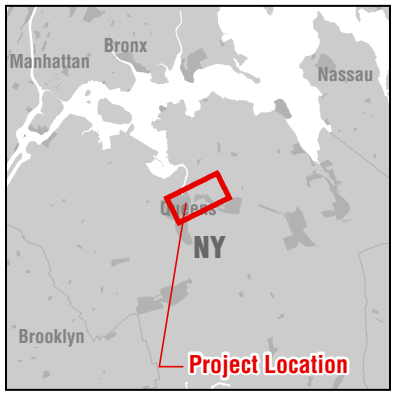
0 2,000 FEET

Project Site

Queens Botanical Garden

Photograph View Direction and Reference Number

Note: Approximate locations of the Proposed Open Air Pavilion and Kids Culture Garden.



Project Location

QUEENS BOTANICAL GARDEN – OPEN AIR PAVILION AND KIDS CULTURE GARDEN

Figure 2

View southwest from the Parking Garden **1**

View south from the haul road **2**

View north from area near the bridge over College Point Boulevard **3**

Note: Approximate location of the Proposed Open Air Pavilion

QUEENS BOTANICAL GARDEN - OPEN AIR PAVILION AND KIDS CULTURE GARDEN

Project Site Views – Open Air Pavilion Site

Figure 3a

View west including the hill on the left and the composting and farm areas in the far distance **4**

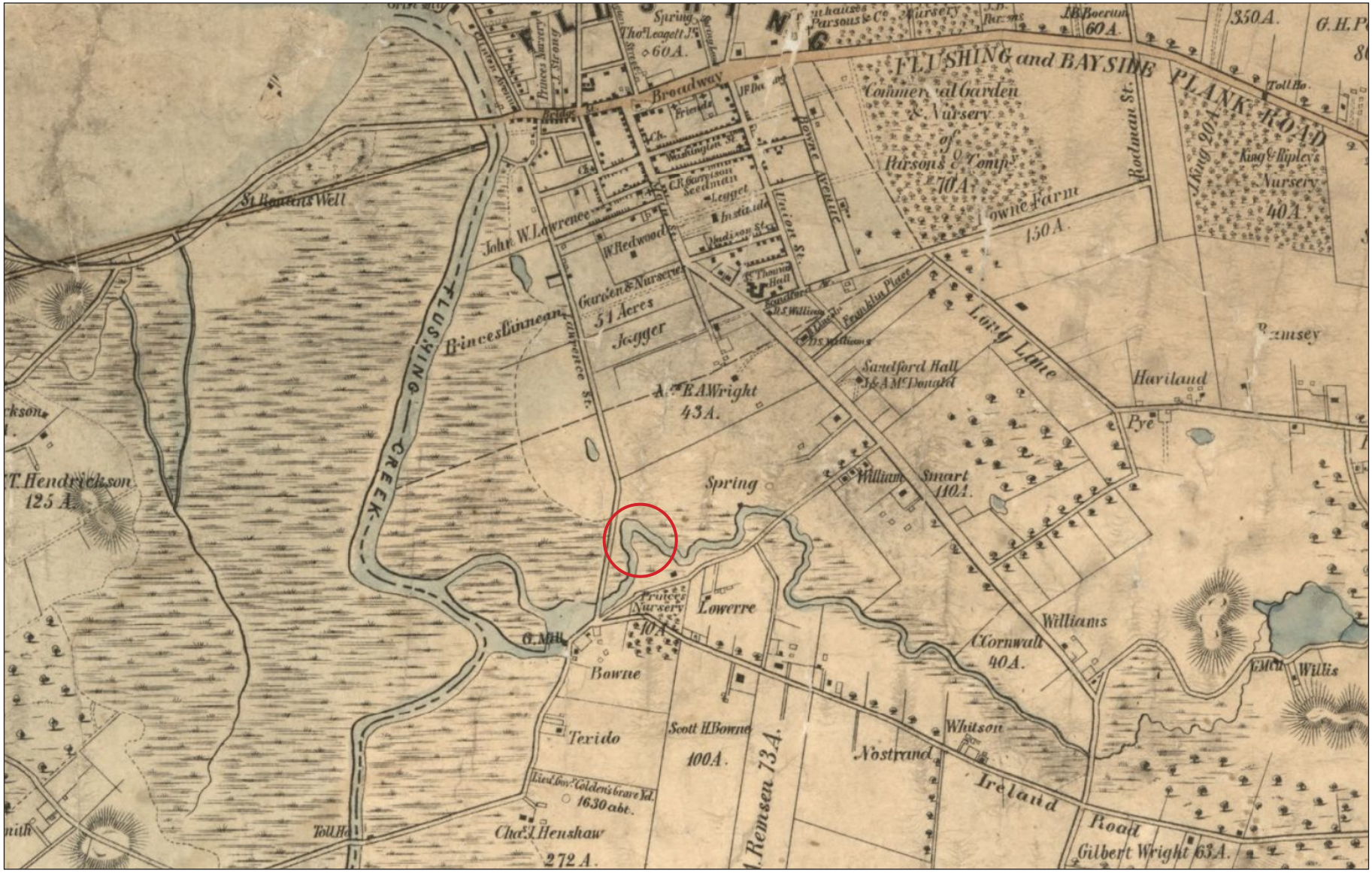
View east including crab apple trees on the left and the hill on the right **5**

View northeast from the hill including crab apple trees **6**

Note: Approximate location of the Proposed Open Air Pavilion

2.3.21

1891 USGS Maps, Brooklyn and Harlem

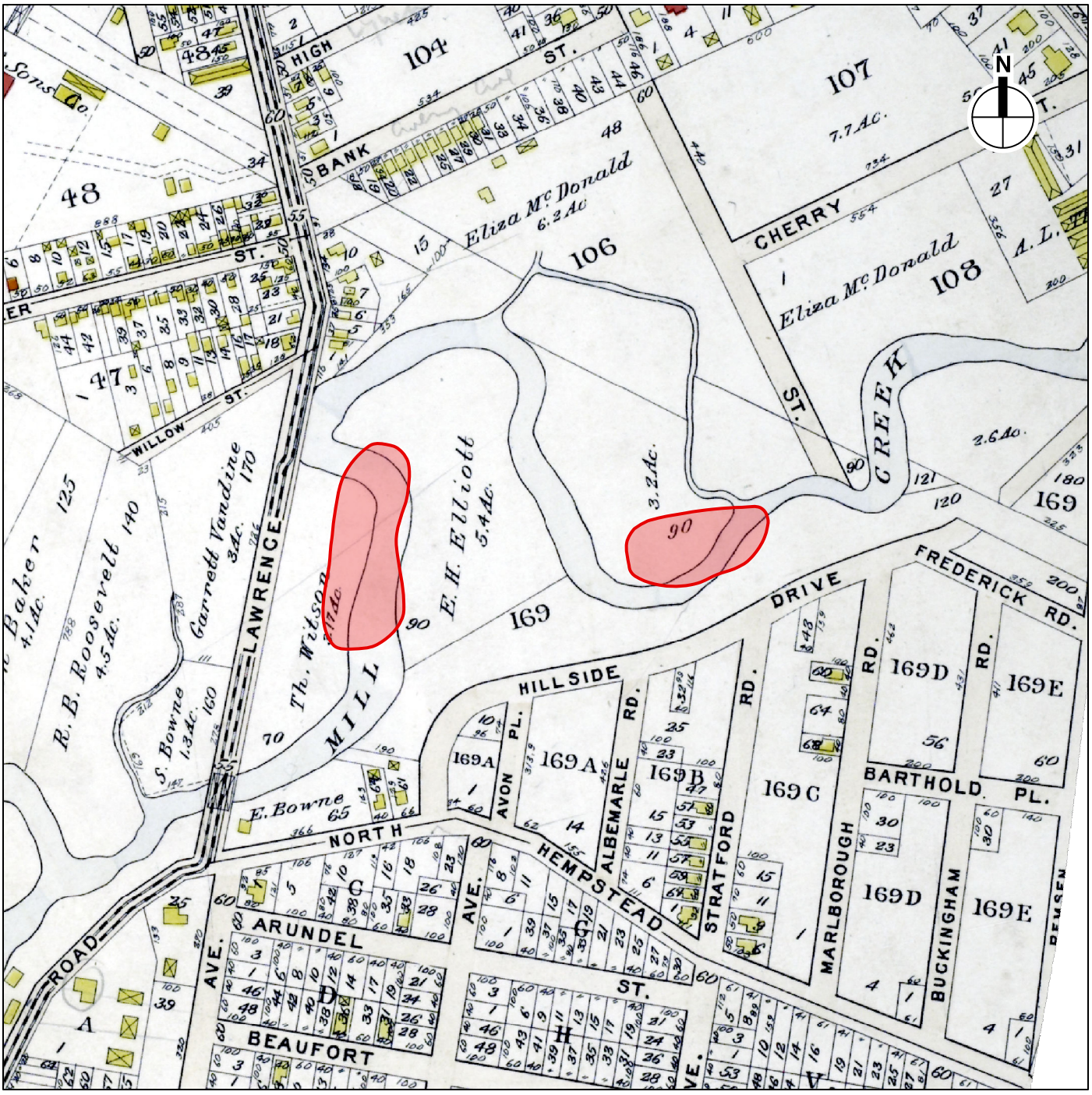


Approximate Location of Project Site

1852 Connor Map

Figure 5

2.23.21



1909 Bromley Atlas

QUEENS BOTANICAL GARDEN – OPEN AIR PAVILION AND KIDS CULTURE GARDEN

Figure 6

Appendix A:

Plan for the Unanticipated Discovery of Human Remains

Open Air Pavilion and Kids Culture Garden at the Queens Botanical Garden

43-50 Main Street (Block 5107, Lot 200)

KISSENA PARK, FLUSHING, QUEENS COUNTY, NEW YORK

Plan for the Unanticipated Discovery of Human Remains

Prepared for:

Dormitory Authority of the State of New York (DASNY)
One Penn Plaza, 52nd Floor
New York, New York 10119-0098

Prepared by:

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

March 2021

Queens Botanical Garden Open Air Pavilion and Kids Culture Garden Project: Plan for the Unanticipated Discovery of Human Remains

PART 1: INTRODUCTION AND PROJECT BACKGROUND

The Queens Botanical Garden Society, Inc. ("Queens Botanical Garden" or "QBG") is proposing to construct improvements on the QBG grounds within Kissena Park in the Flushing neighborhood of Queens, New York. The Proposed Project would provide the QBG with new garden amenities that would support the QBG's sustainability initiatives while enhancing the visitor experience of the garden, including opportunities for hands-on experiences for children visiting the garden. The Dormitory Authority of the State of New York ("DASNY") has received a funding request from QBG for its *Open Air Pavilion and Kids Culture Garden* as part of the Community Capital Assistance Program ("CCAP") and/or the State and Municipal Facilities Program "SAM") (DASNY project #8140). The Project Site therefore includes two non-contiguous locations within the QBG: 1) the open air pavilion site is located in the southwest portion of the QBG and 2) the kids culture garden site is located in the south-central portion of the QBG.

The Proposed Project is being reviewed pursuant to the *State Environmental Quality Review Act ("SEQRA")*, codified at Article 8 of the *New York Environmental Conservation Law ("ECL"),* and its implementing regulations, promulgated at Part 617 of Title 6 of the *New York Code, Rules and Regulations ("N.Y.C.R.R."),* which collectively contain the requirements for the *State Environmental Quality Review ("SEQR")* process. The environmental review of the Open Air Pavilion and Kids Culture Garden project ("Proposed Project") follows *SEQRA*, and the New York *City Environmental Quality Review ("CEQR") Technical Manual* generally is used as a guide with respect to environmental analysis methodologies and impact criteria for evaluating the Proposed Project.[1] The Proposed Project is also being reviewed in conformance with the *New York State Historic Preservation Act of 1980 ("SHPA")*, specifically the implementing regulations of Section 14.09 of the *Parks, Recreation and Historic Preservation Law ("PRHPL")*, as well as with the requirements of the Memorandum of Understanding ("MOU"), dated March 18, 1998, between DASNY and the New York State Office of Parks, Recreation, and Historic Preservation (NYSOPRHP).

Pursuant to these regulations, consultation was initiated with NYSOPRHP and the New York City Landmarks Preservation Commission ("NYCLPC") regarding the Project Site's potential archaeological sensitivity. In a comment letter dated January 20, 2021, NYSOPRHP determined that the Project Site is potentially archaeologically sensitive and requested that a Phase 1A Literature Search and Sensitivity Assessment (also known as a "Phase 1A Archaeological Documentary Study" or "Phase 1A Study") be prepared to further assess areas of archaeological sensitivity within the Project Site. Specifically, NYSOPRHP stated that the site was in close

[1] The City of New York, Mayor's Office of Environmental Coordination, *CEQR Technical Manual,* 2020.

proximity to New York State Museum ("NYSM") archaeological site number 4524, which was reported to include precontact archaeological resources and human remains potentially associated with military activity in the area during the Revolutionary War. NYCLPC made a similar request in a comment letter issued February 2, 2021. A Phase 1A Study was prepared by AKRF in February 2021 (Revised, March 2021) to satisfy these comments.[1]

The Phase 1A Study concluded that the Project Site is not sensitive for archaeological resources and determined that no additional archaeological analysis or testing was required. In separate comment letters issued February 22, 2021, NYCLPC and NYSOPRHP concluded that out of an abundance of caution, a plan for the unanticipated discovery of human remains be prepared and implemented in the unlikely event that human remains are encountered during the construction of the project. NYSOPRHP specifically requested that the Human Remains Discovery Protocol as issued by the New York State Historic Preservation Office ("SHPO") in January 2021 be implemented in the event that human remains are encountered during the project's construction. This protocol is included here as **Part 2: SHPO Human Remains Discovery Protocol**. The steps that would have to be followed in order to implement the SHPO protocol in compliance with the *Guidelines for Archaeological Work in New York City* as issued by NYCLPC in 2018[2] are included in **Part 3: Plan for the Unanticipated Discovery of Human Remains**.

PART 2: SHPO HUMAN REMAINS DISCOVERY PROTOCOL (JANUARY 2021)

In the event that human remains are encountered during construction or archaeological investigations, SHPO recommends that the following protocol is implemented:

- Human remains shall be treated with the utmost dignity and respect. Should human remains or suspected human remains be encountered, work in the general area of the discovery shall stop immediately and the location shall be secured and protected from damage and disturbance.
- If skeletal remains are identified and the archaeologist is not able to conclusively determine if they are human, the remains and any associated materials must be left in place. A qualified forensic anthropologist, bioarchaeologist or physical anthropologist shall assess the remains in situ to help determine if they are human.
- If the remains are determined to be human, law enforcement, the SHPO, the appropriate Indian Nations, and the involved state and federal agencies shall be notified immediately. If law enforcement determines that the burial site is not a criminal matter, no skeletal remains or associated materials shall be removed until appropriate consultation takes place.

[1] AKRF (2021): "Open Air Pavilion and Kids Culture Garden at the Queens Botanical Garden; 43-50 Main Street (Block 5107, Lot 200); Kissena Park, Flushing, Queens County, New York: Phase 1A Archaeological Documentary Study." Prepared for: Dormitory Authority State of New York; New York, NY.

[2] https://www1.nyc.gov/assets/lpc/downloads/pdf/2018_Guidelines%20for%20Archaeology_Final_high%20res.pdf

- If human remains are determined to be Native American, they shall be left in place and protected from further disturbance until a plan for their avoidance or removal is developed. Please note that avoidance is the preferred option of the SHPO and the Indian Nations. The involved agency shall consult SHPO and the appropriate Indian Nations to develop a plan of action. Photographs of Native American human remains and associated materials should not be taken without consulting with the involved Indian Nations.
- If human remains are determined to be non-Native American, the remains shall be left in place and protected from further disturbance until a plan for their avoidance or removal is developed. Please note that avoidance is the preferred option of the SHPO. The involved agency shall consult SHPO and other appropriate parties to develop a plan of action.
- The SHPO recommends that burial information is not released to the public to protect burial sites from possible looting.

PART 3: PLAN FOR THE UNANTICIPATED DISCOVERY OF HUMAN REMAINS

In the event that human remains or suspected human remains are encountered during construction, the following plan will be implemented to ensure that the Human Remains Discovery Protocol as issued by SHPO will be implemented in compliance with New York City laws and the guidelines of NYCLPC regarding the discovery and handling of human remains.

The following procedures will be adhered to if the discovery of human remains or suspected human remains occurs during construction efforts associated with the Proposed Project. This protocol outlines the notification procedures that will be in place to ensure that all involved parties are appropriately notified of the discovery of human remains or suspected human remains.

In the event of the discovery of human remains or suspected human remains:

1. The Contractor will stop work immediately in the area of the find to protect the integrity of the find. The location of the find will be flagged or fenced to ensure the safety of the human remains and to avoid potential impacts.
2. The Contractor will immediately notify QBG and QBG will notify the archaeological consultant of the find. Notification will include: specific location of discovery within the disturbed area of the work site; the nature of the discovery; and the location of the find flagged/fenced to insure safety and avoidance of impacts. At all times human remains must be treated with the utmost dignity and respect. The Contractor will not restart work in the area of the find until QBG has granted clearance.
3. The Contractor will immediately call 911 to notify both the New York City Police Department (“NYPD”) and the Office of the Chief Medical Examiner (“OCME”) of the find, and cooperate with OCME to notify, as required, any additional law enforcement agencies, as appropriate.

SHPO Contact:	Dr. Bradley Adams, Forensic Anthropologist
Telephone:	Primary: 212.447.2030; Secondary: 718.804.8050
Address:	520 First Avenue, New York, New York 10016
E-mail:	badams@ocme.nyc.gov

4. QBG will promptly notify NYSOPRHP and NYCLPC of the find.

NYSOPRHP Contact:	Philip A. Perazio, Historic Preservation Program Analyst—Archaeologist
Telephone:	(518) 268-2175
Address:	New York State Office of Parks, Recreation, and Historic Preservation, Division for Historic Preservation P. O. Box 189, Waterford, NY 12188-0189
Express Address:	Delaware Avenue, Cohoes, New York 12047
E-mail:	Philip.Perazio@parks.ny.gov

NYCLPC Contact:	Amanda Sutphin, Director of Archaeology
Telephone:	212.669.7823
Address:	New York City Landmarks Preservation Commission 1 Centre Street, 9th Floor, New York, NY 10007
E-mail:	asutphin@lpc.nyc.gov

5. If OCME/NYPD determine that they have no concerns for the remains, QBG will retain the services of an archaeological consultant (if one has not already been retained) and will direct the archaeological consultant to begin a more detailed archaeological assessment of the find's significance.
6. If it is determined that intact interments or disarticulated human remains are present and may be disturbed by continuing construction, then QBG will attempt to locate and identify next of kin or a descendant community (if known or if lineage can be determined), NYSOPRHP and NYCLPC regarding additional measures to avoid or mitigate further damage. These measures may include:
    - Formal archaeological evaluation of the site;
    - Visits to the site by NYSOPRHP, NYCLPC, and other parties as necessary;
    - Preparation of a mitigation plan by QBG, including procedures for disinterment and reinterment, for approval by NYSOPRHP and NYCLPC;
    - Implementation of the mitigation plan; and
    - Approval to resume construction following completion of the fieldwork component of the mitigation plan.
7. In the event that intact human remains are to be disinterred from the site, a funeral director will be retained by QBG. As necessary and required by New York City law, the

funeral director will apply for a disinterment permit from the New York City Department of Health ("NYCDOH") before human remains are removed from the site pending the implementation of a mitigation plan prepared pursuant to **Step 6** of this plan.

8. QBG will then grant clearance to the Contractor to restart work.

NEW YORK STATE OF OPPORTUNITY. Parks, Recreation and Historic Preservation

ANDREW M. CUOMO
Governor

ERIK KULLESEID
Commissioner

ARCHAEOLOGY COMMENTS

Phase IA Archaeological Survey Recommendation
Project: Queens Botanical Garden - Open Air Pavilion and Kids Culture Garden
PR#: 21PR00293
Date: 20 January 2021

Your project is in an archaeologically sensitive area. A previously recorded archaeological site, NYSM 4524, which reportedly contains human remains possibly dating to the Revolutionary War, is located in this vicinity.

Therefore, the State Historic Preservation Office/Office of Parks, Recreation and Historic Preservation (SHPO/OPRHP) recommends that a Phase IA Literature Search and Sensitivity Assessment survey is warranted. A Phase IA archaeological survey is designed to identify previously recorded archaeological sites and other cultural resources within or near the project area, to assess the archaeological sensitivity of the project area, to document previous ground disturbance and to make recommendations regarding the potential need for Phase IB subsurface archaeological testing.

Our office does not conduct archaeological surveys. A 36 CFR 61 qualified archaeologist should be retained to conduct the Phase IA archaeological survey.

If you have any questions concerning archaeology, please contact Philip Perazio at philip.perazio@parks.ny.gov.

Landmarks Preservation Commission

1 Centre Street
9th Floor North
New York, NY 10007

Voice (212)-669-7700
Fax (212)-669-7960
http://nyc.gov/landmarks

ENVIRONMENTAL REVIEW

Final Sign-Off (Single Site)

Project number: ER.Q (DPR-Q)
Project: QUEENS BOTANICAL CHILDRENS GARDEN
Address: 43-50 MAIN STREET BBL: 4051070200
Date Received: 1/27/2021

[X**] No architectural significance**

[ ] No archaeological significance

[ ] Designated New York City Landmark or Within Designated Historic District

[ ] Listed on National Register of Historic Places

[ ] Appears to be eligible for National Register Listing and/or New York City Landmark Designation

[X**] May be archaeologically significant; requesting additional materials**

Comments: LPC review of archaeological sensitivity models and historic maps indicates that there is potential for the recovery of remains from Colonial and Native American occupation and burials on the project site. Accordingly, the Commission recommends that an archaeological documentary study be performed for this site to clarify these initial findings and provide the threshold for the next level of review, if such review is necessary (see CEQR Technical Manual 2020).

Gina Santucci 2/2/2021

SIGNATURE DATE
Gina Santucci, Environmental Review Coordinator

File Name: 35415_FSO_DNP_02022021.docx

Landmarks Preservation Commission

1 Centre Street
9th Floor North
New York, NY 10007

Voice (212)-669-7700
Fax (212)-669-7960
http://nyc.gov/landmarks

ARCHAEOLOGY

Project number: ER.Q (DPR-Q)
Project: QUEENS BOTANICAL CHILDRENS GARDEN
Address: 43-50 MAIN STREET **BBL:** 4051070200
Date Received: 2/10/2021

This document only contains Archaeological review findings. If your request also requires Architecture review, the findings from that review will come in a separate document.

Comments: The LPC is in receipt of the draft "Open Air Pavilion and Kids Culture Garden at the Queens Botanical Garden, 43-50 Main Street (Block 5107, Lot 200), Kissena Park, Flushing, Queens . . . Phase 1A Archaeological Documentary Study" dated February 2021. We concur with the low sensitivity assessment for the site and acknowledge your conclusion that the Linnaean Garden Archaeological site (NYSM 4524) containing human remains was mapped in the incorrect location in NYSOPRHP's CRIS and lies 4,000 feet to the north of the current project area. To be safe, however, we ask that an Unanticipated Discovery Plan (UDP) for human remains as detailed in the 2018 Guidelines for Archaeological Work in New York City (Section C9, pg. 67) be prepared and submitted for the next phase of the project. We also ask that you revise the legibility of Figure 1 so the highest-level identifiers, such as the highways and major street names, are readable.

Please submit a final draft of the Phase 1A with the above-noted changes made.

In closing, we recommend that you contact the NYS Museum regarding the discrepancy you identified in the location of Linnaean Garden Archaeological Site (NYSM 4524).

2/22/2021

SIGNATURE DATE
Amanda Sutphin, Director of Archaeology

File Name: 35415_FSO_JSM_02182021.docx

NEW YORK STATE OF OPPORTUNITY. | Parks, Recreation, and Historic Preservation

ANDREW M. CUOMO
Governor

ERIK KULLESEID
Commissioner

February 22, 2021

Matthew Stanley
Senior Environmental Manager | Office of Environmental Affairs
DASNY
515 Broadway
Albany, NY 12207-2964

Re: DASNY
Queens Botanical Garden - Open Air Pavilion and Kids Culture Garden
43-50 Main St, Flushing, NY 11355
21PR00293
DASNY project #8140

Dear Matthew Stanley:

Thank you for requesting the comments of the Division for Historic Preservation of the Office of Parks, Recreation and Historic Preservation (OPRHP). We have reviewed the submitted materials in accordance with the New York State Historic Preservation Act of 1980 (section 14.09 of the New York Parks, Recreation and Historic Preservation Law). These comments are those of the Division for Historic Preservation and relate only to Historic/Cultural resources.

OPRHP has reviewed *Open Air Pavilion and Kids Culture Garden at the Queens Botanical Garden, 43-50 Main Street (Block 5107, Lot 200), Kissena Park, Flushing, Queens County, New York, Phase 1A Archaeological Documentary Study* (AKRF, February 2021).

Based upon this review, it is the opinion of OPRHP that no properties, including archaeological and/or historic resources, listed in or eligible for the New York State and National Registers of Historic Places will be impacted by this project.

Please note that this report has identified duplicate locations for a New York State Museum site – NYSM 4524, the Linnean Garden, with reported human remains. Based on its research, AKRF concludes that the site marked with this NYSM number located close to the current project area is likely to be incorrectly placed and that the second location, farther to the north, is more consistent with the available information. We concur with this interpretation. As a result, OPRHP has created a new Unique Site Number - 08101.013320 – which coincides with the second NYSM site location in order to memorialize this conclusion.

However, given the remote possibility that human remains associated with the Linnean Garden site are, in fact, in the current project area, we recommend that the OPRHP/SHPO Human Remains Discovery Protocol (attached) be implemented should any indication of burials be uncovered during project construction.

If you have any questions, please don't hesitate to contact me.

Sincerely,

Philip A. Perazio, Historic Preservation Program Analyst - Archaeology Unit
Phone: 518-268-2175
e-mail: philip.perazio@parks.ny.gov via email only

Attachment

cc: Amy Crader and Elizabeth Meade, AKRF
Jessica MacLean, Gina Santucci, and Amanda Sutphin, LPC

NYC Landmarks Preservation Commission

1 Centre Street
9th Floor North
New York, NY 10007

Voice (212)-669-7700
Fax (212)-669-7960
http://nyc.gov/landmarks

ARCHAEOLOGY

Project number: ER.Q (DPR-Q)
Project: QUEENS BOTANICAL CHILDRENS GARDEN
Address: 43-50 MAIN STREET **BBL:** 4051070200
Date Received: 3/26/2021

This document only contains Archaeological review findings. If your request also requires Architecture review, the findings from that review will come in a separate document.

[ ] No archaeological significance

[ ] Designated New York City Landmark or Within Designated Historic District

[ ] Listed on National Register of Historic Places

[ ] Appears to be eligible for National Register Listing and/or New York City Landmark Designation

[X**] May be archaeologically significant; requesting additional materials**

Comments:

This is to confirm that the, "Open Air Pavilion and Kids Culture Garden at the Queens Botanical Garden, 43-50 Main Street (Block 5107, Lot 200), Kissena Park, Flushing, Queens . . . Phase 1A Archaeological Documentary Study," prepared by AKRF, Inc was updated to make the changes the LPC requested on 2/21/21.

3/26/2021

SIGNATURE DATE
Amanda Sutphin, Director of Archaeology

File Name: 35415_FSO_ALS_03262021.docx

11.2 – LPC Consultation Package

Jacobs, Juliet

From: Jacobs, Juliet
Sent: Monday, March 9, 2026 10:50 AM
To: Gina Santucci (LPC
Cc: Freeman, Julie; Brazee, Olivia (PARKS); McIvor, Sara (PARKS); Amanda Sutphin (LPC)
Subject: Section 106 Compliance for – Queens Botanical Garden Pavilion
Attachments: Attachment 1_SEQRA Consultation.pdf; Attachment 2_Phase 1A Archaeological Documentary Study.pdf; Attachment 3_2024 Project Presentation.pdf

Hi Gina,

The New York City Office of Management and Budget (OMB) is conducting an environmental review, pursuant to 24 CFR Part 58, for the proposed construction of an open air pavilion structure within the southwest corner of the Queens Botanical Garden. This project would be completed, in part, by using U.S. Department of Housing and Urban Development (HUD) Community Project Funding (CPF) resources. A State Environmental Quality Review Act (SEQRA) review was previously completed for this project and, as part of that review, consultation with the Landmarks Preservation Commission (LPC) and the State Historic Preservation Office (SHPO) determined that no properties, including archaeological and/or historic resources, listed in or eligible for the New York State and National Registers of Historic Places will be impacted by this project.

I'm writing to request confirmation that this determination is still accurate, and can be applied to the HUD-funded actions that are part of the proposed project. I've attached a record of consultation that was included in the SEQRA review, and the most recent version of the Phase 1A Archaeological Documentary Study that was completed for the project. I'll also reach out to SHPO to confirm their determination. Please let me know if I can provide any additional information needed to complete your assessment.

Thank You!

Juliet Jacobs
Unit Head – Environmental (CD)
New York City Mayor's Office of Management & Budget
255 Greenwich Street, 8th Floor
New York, NY 10007
☎ (212) 788-1653
✉ JacobsJuliet@omb.nyc.gov

NEW YORK STATE OF OPPORTUNITY. Parks, Recreation and Historic Preservation

ANDREW M. CUOMO
Governor

ERIK KULLESEID
Commissioner

ARCHAEOLOGY COMMENTS

Phase IA Archaeological Survey Recommendation
Project: Queens Botanical Garden - Open Air Pavilion and Kids Culture Garden
PR#: 21PR00293
Date: 20 January 2021

Your project is in an archaeologically sensitive area. A previously recorded archaeological site, NYSM 4524, which reportedly contains human remains possibly dating to the Revolutionary War, is located in this vicinity.

Therefore, the State Historic Preservation Office/Office of Parks, Recreation and Historic Preservation (SHPO/OPRHP) recommends that a Phase IA Literature Search and Sensitivity Assessment survey is warranted. A Phase IA archaeological survey is designed to identify previously recorded archaeological sites and other cultural resources within or near the project area, to assess the archaeological sensitivity of the project area, to document previous ground disturbance and to make recommendations regarding the potential need for Phase IB subsurface archaeological testing.

Our office does not conduct archaeological surveys. A 36 CFR 61 qualified archaeologist should be retained to conduct the Phase IA archaeological survey.

If you have any questions concerning archaeology, please contact Philip Perazio at philip.perazio@parks.ny.gov.

Landmarks Preservation Commission

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New York, NY 10007

Voice (212)-669-7700
Fax (212)-669-7960
http://nyc.gov/landmarks

ENVIRONMENTAL REVIEW

Final Sign-Off (Single Site)

Project number: ER.Q (DPR-Q)
Project: QUEENS BOTANICAL CHILDRENS GARDEN
Address: 43-50 MAIN STREET BBL: 4051070200
Date Received: 1/27/2021

[X**] No architectural significance**

[ ] No archaeological significance

[ ] Designated New York City Landmark or Within Designated Historic District

[ ] Listed on National Register of Historic Places

[ ] Appears to be eligible for National Register Listing and/or New York City Landmark Designation

[X**] May be archaeologically significant; requesting additional materials**

Comments: LPC review of archaeological sensitivity models and historic maps indicates that there is potential for the recovery of remains from Colonial and Native American occupation and burials on the project site. Accordingly, the Commission recommends that an archaeological documentary study be performed for this site to clarify these initial findings and provide the threshold for the next level of review, if such review is necessary (see CEQR Technical Manual 2020).

Gina Santucci 2/2/2021

SIGNATURE DATE
Gina Santucci, Environmental Review Coordinator

File Name: 35415_FSO_DNP_02022021.docx

Landmarks Preservation Commission

1 Centre Street
9th Floor North
New York, NY 10007

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ARCHAEOLOGY

Project number: ER.Q (DPR-Q)
Project: QUEENS BOTANICAL CHILDRENS GARDEN
Address: 43-50 MAIN STREET **BBL:** 4051070200
Date Received: 2/10/2021

This document only contains Archaeological review findings. If your request also requires Architecture review, the findings from that review will come in a separate document.

Comments: The LPC is in receipt of the draft "Open Air Pavilion and Kids Culture Garden at the Queens Botanical Garden, 43-50 Main Street (Block 5107, Lot 200), Kissena Park, Flushing, Queens . . . Phase 1A Archaeological Documentary Study" dated February 2021. We concur with the low sensitivity assessment for the site and acknowledge your conclusion that the Linnaean Garden Archaeological site (NYSM 4524) containing human remains was mapped in the incorrect location in NYSOPRHP's CRIS and lies 4,000 feet to the north of the current project area. To be safe, however, we ask that an Unanticipated Discovery Plan (UDP) for human remains as detailed in the 2018 Guidelines for Archaeological Work in New York City (Section C9, pg. 67) be prepared and submitted for the next phase of the project. We also ask that you revise the legibility of Figure 1 so the highest-level identifiers, such as the highways and major street names, are readable.

Please submit a final draft of the Phase 1A with the above-noted changes made.

In closing, we recommend that you contact the NYS Museum regarding the discrepancy you identified in the location of Linnaean Garden Archaeological Site (NYSM 4524).

2/22/2021

SIGNATURE DATE
Amanda Sutphin, Director of Archaeology

File Name: 35415_FSO_JSM_02182021.docx

NEW YORK STATE OF OPPORTUNITY. | Parks, Recreation, and Historic Preservation

ANDREW M. CUOMO
Governor

ERIK KULLESEID
Commissioner

February 22, 2021

Matthew Stanley
Senior Environmental Manager | Office of Environmental Affairs
DASNY
515 Broadway
Albany, NY 12207-2964

Re: DASNY
Queens Botanical Garden - Open Air Pavilion and Kids Culture Garden
43-50 Main St, Flushing, NY 11355
21PR00293
DASNY project #8140

Dear Matthew Stanley:

Thank you for requesting the comments of the Division for Historic Preservation of the Office of Parks, Recreation and Historic Preservation (OPRHP). We have reviewed the submitted materials in accordance with the New York State Historic Preservation Act of 1980 (section 14.09 of the New York Parks, Recreation and Historic Preservation Law). These comments are those of the Division for Historic Preservation and relate only to Historic/Cultural resources.

OPRHP has reviewed *Open Air Pavilion and Kids Culture Garden at the Queens Botanical Garden, 43-50 Main Street (Block 5107, Lot 200), Kissena Park, Flushing, Queens County, New York, Phase 1A Archaeological Documentary Study* (AKRF, February 2021).

Based upon this review, it is the opinion of OPRHP that no properties, including archaeological and/or historic resources, listed in or eligible for the New York State and National Registers of Historic Places will be impacted by this project.

Please note that this report has identified duplicate locations for a New York State Museum site – NYSM 4524, the Linnean Garden, with reported human remains. Based on its research, AKRF concludes that the site marked with this NYSM number located close to the current project area is likely to be incorrectly placed and that the second location, farther to the north, is more consistent with the available information. We concur with this interpretation. As a result, OPRHP has created a new Unique Site Number - 08101.013320 – which coincides with the second NYSM site location in order to memorialize this conclusion.

However, given the remote possibility that human remains associated with the Linnean Garden site are, in fact, in the current project area, we recommend that the OPRHP/SHPO Human Remains Discovery Protocol (attached) be implemented should any indication of burials be uncovered during project construction.

If you have any questions, please don't hesitate to contact me.

Sincerely,

Philip A. Perazio, Historic Preservation Program Analyst - Archaeology Unit
Phone: 518-268-2175
e-mail: philip.perazio@parks.ny.gov via email only

Attachment

cc: Amy Crader and Elizabeth Meade, AKRF
Jessica MacLean, Gina Santucci, and Amanda Sutphin, LPC

NYC Landmarks Preservation Commission

1 Centre Street
9th Floor North
New York, NY 10007

Voice (212)-669-7700
Fax (212)-669-7960
http://nyc.gov/landmarks

ARCHAEOLOGY

Project number: ER.Q (DPR-Q)
Project: QUEENS BOTANICAL CHILDRENS GARDEN
Address: 43-50 MAIN STREET **BBL:** 4051070200
Date Received: 3/26/2021

This document only contains Archaeological review findings. If your request also requires Architecture review, the findings from that review will come in a separate document.

[ ] No archaeological significance

[ ] Designated New York City Landmark or Within Designated Historic District

[ ] Listed on National Register of Historic Places

[ ] Appears to be eligible for National Register Listing and/or New York City Landmark Designation

[X**] May be archaeologically significant; requesting additional materials**

Comments:

This is to confirm that the, "Open Air Pavilion and Kids Culture Garden at the Queens Botanical Garden, 43-50 Main Street (Block 5107, Lot 200), Kissena Park, Flushing, Queens . . . Phase 1A Archaeological Documentary Study," prepared by AKRF, Inc was updated to make the changes the LPC requested on 2/21/21.

3/26/2021

SIGNATURE DATE
Amanda Sutphin, Director of Archaeology

File Name: 35415_FSO_ALS_03262021.docx

Open Air Pavilion and Kids Culture Garden at the Queens Botanical Garden

43-50 Main Street (Block 5107, Lot 200)

KISSENA PARK, FLUSHING, QUEENS COUNTY, NEW YORK

Phase 1A Archaeological Documentary Study

Prepared for:

Dormitory Authority of the State of New York (DASNY)
One Penn Plaza, 52nd Floor
New York, New York 10119-0098

Prepared by:

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

FEBRUARY 2021 (REVISED March 2021)

Management Summary

NYSOPRHP Project Review Number: 21PR00293

Involved Agencies: Dormitory Authority of the State of New York (DASNY)

Phase of Survey: Phase 1A Documentary Study

Location Information

Location: Flushing, New York
Minor Civil Division: 08101
County: Queens County

Survey Area, Open Air Pavilion

Length: Approximately 500 feet
Width: Approximately 175 feet
Area: 1.7 acres (73,000 square feet)

Survey Area, Kids Culture Garden

Length: Approximately 160 feet
Width: Approximately 350 feet
Area: 1 acres (45,000 square feet)

USGS 7.5 Minute Quadrangle Map: Flushing and Jamaica

Report Author: Elizabeth D. Meade, PhD, RPA

Date of Report: February 2021, Revised March 2021

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Chapter 1: Introduction and Methodology

A. INTRODUCTION AND PROJECT DESCRIPTION

The Queens Botanical Garden Society, Inc. ("Queens Botanical Garden" or "QBG") is proposing to construct improvements on the QBG grounds within Kissena Park in the Flushing neighborhood of Queens, New York (see **Figure 1**). The QBG is an approximately 39-acre property located on Block 5107, Lot 200 in the Flushing neighborhood in the borough of Queens, Queens County, New York. The QBG is located at 43-50 Main Street and is bounded by Main Street to the east; Elder Avenue, 133rd Street, and Booth Memorial Avenue to the south; College Point Boulevard to the west; and Blossom and Dahlia Avenues and Crommelin Street to the north Project Site. The Proposed Project would provide the QBG with new garden amenities that would support the QBG's sustainability initiatives while enhancing the visitor experience of the garden, including opportunities for hands-on experiences for children visiting the garden.

The Dormitory Authority of the State of New York ("DASNY") has received a funding request from QBG for its *Open Air Pavilion and Kids Culture Garden* as part of the Community Capital Assistance Program ("CCAP") and/or the State and Municipal Facilities Program "SAM") (DASNY project #8140). The Proposed Action would involve DASNY's authorization of the expenditure of CCAP and/or SAM program bond proceeds for the Proposed Project as described below. The grant funding would be used for the design and construction of an open air pavilion with composting toilets, and a kids culture garden ("the Proposed Project"). The open air pavilion would provide approximately 3,200 square feet ("sf") of covered space that is envisioned to be used for educational programs for children and adults and for professional development for teachers. The approximately 0.5-acre kids culture garden would provide hands-on learning opportunities. The Proposed Project is part of a multi-phase Education Center that will also include an approximately 13,000-gross-square-foot ("gsf") Education Building. The Education Building is currently in design and undergoing a separate environmental assessment.

The Project Site therefore includes two non-contiguous locations within the QBG: 1) the open air pavilion site is located in the southwest portion of the QBG and 2) the kids culture garden site is located in the south-central portion of the QBG (see **Figure 2**). The construction of the open air pavilion will require site clearing and the installation of piles to support a structural slab for the base of the pavilion. The kids culture garden would include woodlands, a garden, and water play areas. Both locations are grassy, unprogrammed open areas that are landscaped with small, mature, and common trees.

B. PROPOSED ACTION AND REQUIRED APPROVALS

The land on which the QBG is located is mapped parkland owned by the City of New York and receives funding through the Office of the Mayor of New York, the New York City Council, and the Office of the Queens Borough President, with most City funding issued through the New York City Department of Cultural Affairs ("NYCDCLA"). In addition, the QBG receives New York State funding through New York State Office of Parks, Recreation and Historic Preservation ("NYSOPRHP"). The QBG is under the jurisdiction of NYCDCLA. The QBG capital projects must receive approval from the New York City Department of Parks and Recreation ("NYC Parks"). Approval from the New York City Public Design Commission ("NYCPDC") is also required because the QBG is on City-owned property. The Proposed Project is therefore being reviewed pursuant to the *State Environmental Quality Review Act ("SEQRA")*, codified at Article 8 of the *New York Environmental Conservation Law ("ECL"),* and its implementing regulations, promulgated at Part 617 of Title 6 of the *New York Code, Rules and Regulations ("N.Y.C.R.R."),* which collectively contain the requirements for the *State Environmental Quality Review ("SEQR")* process. The environmental review of the Open Air Pavilion and Kids Culture Garden project ("Proposed Project") follows *SEQRA*, and the New York *City Environmental Quality Review ("CEQR") Technical Manual* generally is used as a guide with respect to environmental analysis methodologies and impact criteria for evaluating the Proposed Project.[1] For purposes of *SEQR*, the Proposed Action would consist of DASNY's authorization of the issuance of the grant funding to the QBG.

The Proposed Project is also being reviewed in conformance with the *New York State Historic Preservation Act of 1980 ("SHPA")*, specifically the implementing regulations of Section 14.09 of the *Parks, Recreation and Historic Preservation Law ("PRHPL")*, as well as with the requirements of the Memorandum of Understanding ("MOU"), dated March 18, 1998, between DASNY and the New York State Office of Parks, Recreation, and Historic Preservation (NYSOPRHP).

Pursuant to these regulations, consultation was initiated with NYSOPRHP regarding the Project Site's potential archaeological sensitivity. In a comment letter dated January 20, 2021, NYSOPRHP determined that the Project Site is potentially archaeologically sensitive and requested that a Phase 1A Literature Search and Sensitivity Assessment (also known as a "Phase 1A Archaeological Documentary Study" or "Phase 1A Study") be prepared to further assess areas of archaeological sensitivity within the Project Site. Specifically, NYSOPRHP stated that the site was in close proximity to New York State Museum ("NYSM") archaeological site number 4524, which was reported to include precontact archaeological resources and human remains potentially associated with military activity in the area during the Revolutionary War. This Phase 1A Study has been prepared to satisfy these comments.

[1] The City of New York, Mayor's Office of Environmental Coordination, *CEQR Technical Manual,* 2020.

C. RESEARCH GOALS AND METHODOLOGY

The Phase 1A Study of the QBG Project Site has been designed to satisfy the requirements of NYSOPRHP and it also follows the guidelines of the New York Archaeological Council ("NYAC"). The study documents the development history of the Project Site and its potential to yield archaeological resources, including both precontact and historic period cultural resources. This Phase 1A Study has four major goals: (1) to determine the likelihood that the Project Site was occupied during the precontact (Native American) and/or historic periods; (2) to determine the effect of subsequent development and landscape alteration on any potential archaeological resources that may have been located within the Project Site; (3) to make a determination of the Project Site's potential archaeological sensitivity; and (4) to make recommendations for further archaeological analysis, if necessary. The steps taken to fulfill these goals are explained in greater detail below.

The first goal of this documentary study is to determine the likelihood that the Project Site was inhabited during the precontact and/or historic periods, and identify any activities that may have taken place in the vicinity that would have resulted in the deposition of archaeological resources.

The second goal of this Phase 1A Study is to determine the likelihood that archaeological resources could have survived intact within the Project Site after development and landscape alteration (e.g., erosion, grading, filling, etc.). Potential disturbance associated with grading, utility installation, and other previous development-related impacts was also considered. As described by NYAC in their *Standards for Cultural Resource Investigations and the Curation of Archaeological Collections in New York State*, published in 1994 and subsequently adopted by NYSOPRHP:

> *An estimate of the archaeological sensitivity of a given area provides the archaeologist with a tool with which to design appropriate field procedures for the investigation of that area. These sensitivity projections are generally based upon the following factors: statements of locational preferences or tendencies for particular settlement systems, characteristics of the local environment which provide essential or desirable resources (e.g., proximity to perennial water sources, well-drained soils, floral and faunal resources, raw materials, and/or trade and transportation routes), the density of known archaeological and historical resources within the general area, and the extent of known disturbances which can potentially affect the integrity of sites and the recovery of material from them* (NYAC 1994: 2).

The third goal of this study is to make a determination of the Project Site's archaeological sensitivity. As stipulated by the NYAC standards, sensitivity assessments should be categorized as low, moderate, or high to reflect "the likelihood that cultural resources are present within the project area" (NYAC 1994: 10). For the purposes of this study, those terms are defined as follows:

- Low: Areas of low sensitivity are those where the original topography would suggest that Native American sites would not be present (i.e., locations at great distances from fresh and salt water resources), locations where no historic period activity occurred before the installation of municipal water and sewer networks, or those locations determined to be sufficiently disturbed so that archaeological resources are not likely to remain intact.
- Moderate: Areas with topographical features that would suggest Native American occupation, documented historic period activity, and with some disturbance—but not enough to eliminate the possibility that archaeological resources are intact on the project site.
- High: Areas with topographical features that would suggest Native American occupation, documented historic period activity, and minimal or no documented disturbance.

As mentioned above, the fourth goal of this study is to make recommendations for additional archaeological investigations where necessary. According to NYAC standards, Phase 1B testing is generally warranted for areas determined to have moderate sensitivity or higher. Archaeological testing is designed to determine the presence or absence of archaeological resources that could be impacted by a proposed project. Should they exist on the Project Site, such archaeological resources could provide new insight into the precontact occupation Queens, the transition from Native American occupation to European colonization, or the historic period occupation of the Project Site.

To satisfy the goals as outlined above, documentary research was completed to establish a chronology of the Project Site's development, landscape alteration, and to identify any individuals who may have owned the land or worked and/or resided there, and to determine if buildings were present there in the past. Data was gathered from various published and unpublished primary and secondary resources, such as historic maps; topographical analyses (both modern and historical); historical and current photographs (including aerial imagery); newspaper articles; local histories; and previously conducted archaeological surveys. These published and unpublished resources were consulted at various repositories, including the Main Research Branch of the New York Public Library (including the Local History and Map Divisions), the Library of Congress, the New York City Municipal Archives, and the Queens Public Library Archives. Previously identified archaeological sites and previously conducted archaeological resources in the vicinity were collected from the files of NYSOPRHP, NYSM, and the New York City Landmarks Preservation Commission ("NYCLPC"). Information on previously identified archaeological sites and previous cultural resources assessments was accessed through the New York State Cultural Resource Information System (CRIS) maintained by NYSOPRHP.[1] Online

[1] https://cris.parks.ny.gov

textual archives, such as Google Books and the Internet Archive Open Access Texts, were also accessed.

Chapter 2: Environmental and Physical Settings

A. CURRENT CONDITIONS

The two sections of the Project Site are currently undeveloped, landscaped areas. The location of the proposed open air pavilion is generally level with a slight rise upward to the south (see **Photographs 1** through **3** on **Figure 3A**). Paved pathways and a haul road extend through and around this portion of the Project Site. The site of the kids culture garden is also situated in a generally level area north of a steep hill that rises up to the south and leads to Elder Avenue (see **Photographs 4** through **6** on **Figure 3B**). Both portions of the Project Site are grassy lawns with some trees or other landscaping elements.

B. GEOLOGY AND TOPOGRAPHY

The Borough of Queens is located within a geographical region known as the Atlantic Coastal Plain Physiographic Province. The Atlantic Coastal Plain, which includes all of Long Island, tends to include flat, gently sloping land (Isachsen, et al. 2000). Glacial till characterizes the surficial geology of the site (Cadwell 1989). The till in the western portion of the Project Site is specifically associated with the Monmouth Group, a combination of silty clay and gravel dating while the till in the eastern portion is associated with the Raritan Formation, composed of clay, silty clay, sand, and gravel (Fisher, et al. 1980). Both till types date to the Upper Cretaceous Period of the Mesozoic Era, which lasted between approximately 97 and 66 million years ago (Fisher, et al. 1980; Isachsen, et al. 2000). This till was deposited by the massive glaciers that retreated from the area towards the end of the Pleistocene 1.6 million years before present ("BP") to approximately 10,000 years BP. There were four major glaciations that affected New York City, culminating approximately 12,000 years ago with the end of the Wisconsin period. During the ice age, a glacial moraine bisected Long Island, running in a northeast-southwest direction through the center of what is now the borough of Queens (Isachsen, et al. 2000). The Project Site is situated to the north of the Terminal Moraine, the ridge of hills that runs through central Queens marking the southernmost extent of the glacial advancement.

In addition to the deposition of till, the retreating glaciers also left behind a trail of melting ice and water, resulting in the formations of wetlands and small bodies of water across the region. Between 12,000 and 6,000 years BP, sea levels fluctuated, followed by a rapid rise in sea levels, reaching their current state by approximately 3,000 years ago (Geoarcheological Research Associates 2007). As seen on the 1891 United States Geological Survey ("USGS")

maps of the area (see **Figure 4**), the Project Site was historically included in an inundated marsh associated with the larger wetland network known as Flushing Meadows.

The 1891 maps indicate that the elevation of the area was at sea level. Modern Lidar elevation data recorded by USGS in 2013 indicates that the site of the open air pavilion is situated at an elevation of 18 to 24 feet relative to the North American Vertical Datum of 1988 ("NAVD88") and the kids culture garden is largely situated between 18 and 22 feet NAVD88, with the steep hill near its southern side rising to elevations of 32 feet or more. Both portions of the Project Site include a slight rise to the south, and the areas of slightly higher elevation may overlap with areas of fast land as seen on the 1891 USGS maps. The 1891 maps appear to suggest that the elevations of these fast land areas was less than 20 feet above sea level in both locations. This appears to suggest that the majority of the Project Site contains between 18 and 24 feet of fill deposits and that additional fill deposits are expected to overlie the former areas of dry land at the southern boundary of the Project Site.

C. HYDROLOGY

A small creek known as either "Kissena Creek," "Ireland Mill Creek," or "Mill Creek" historically passed through the marshes through and in the vicinity of the Project Site (Kadinsky 2016). Portions of the creek continue to run through subsurface sewers and culverts throughout Flushing Meadows and Kissena Parks, including beneath the QBG (ibid).

D. SOILS

The Web Soil Survey maintained by the United States Department of Agriculture's Natural Resources Conservation Service[1] indicates that two soil complexes are present within the Project Site. The open air pavilion site is situated in an area where the soils are characterized as the "Laguardia-Ebbets complex." The typical profile of these types of soils includes 0 to 8 inches of "cobbly-artifactual coarse sandy loam" over layers of subsoil characterized as "very cobbly-artifactual coarse sandy loam." These well-drained soils are typically found in level areas with slopes ranging from 0 to 3 percent. The same soils are present within the northern portion of the kids cultural garden portion of the Project Site. The southern part of the kids culture garden portion of the Project Site is characterized by a similar soil complex known as "Laguardia artifactual coarse sandy loam." The typical profile of that soil type is the same as seen to the north; however soils associated with that complex are typically found in areas with 8 to 15 percent slopes.

[1] https://websoilsurvey.sc.egov.usda.gov/

A. PREVIOUSLY IDENTIFIED NATIVE AMERICAN ARCHAEOLOGICAL SITES NEAR THE PROJECT SITE

In general, Native American habitation sites are most often located in coastal areas with access to marine resources, near fresh water sources and areas of high elevation and level slopes (less than 12 to 15 percent) (NYAC 1994). Further indication of the potential presence of Native American activity near a Project Site is indicated by the number of precontact archaeological sites that have been previously identified in the vicinity. Information regarding such previously identified archaeological sites was obtained from various locations including the site files of NYSOPRHP, LPC, NYSM, and from published accounts. Seven sites have been identified within one mile of the Project Site in databases maintained by NYSOPRHP and NYSM (accessed via CRIS) and the Project Site is located within a generalized area of archaeological sensitivity as mapped by NYSOPRHP. These sites are summarized in **Table 3-1**, below.

Table 3-1
Precontact Archaeological Sites in the Vicinity of the Project Site

Site Name/ Number	Site Type	Approximate Distance from Project Site	Other	Source Information
Linnean Garden NYSM Site 4524	Burial Site	Location 1: 150 feet Location 2: 4,100 feet	The site is mapped in two different locations in CRIS; actual location appears to be Location 2	Furman 1875; Parker 1920; Bolton 1922;
Matinecock Settlements NYSM Site 4526	Villages	4,700 feet	Multiple village sites described along coasts of in northern Flushing and Long Island	Parker 1920
NYSM Site 4542	Camp	4,000 feet		Parker 1920
NYSM Site 4544	Camp	1,400 feet		Parker 1920
NYSM Site 4545	Traces of occupation	Overlaps		Parker 1920
New York Hall of Science Precontact Site NYSOPRHP: 08101.011526	Surface finds, possible camp	5,000 feet		
Flushing Friends Meeting House Precontact Site NYSOPRHP: 08101.011370	Woodland-era campsite with projectile points and other lithic artifacts	4,000 feet		

Source: CRIS (https://cris.parks.ny.gov)

The majority of these sites were mapped using descriptions provided by Parker (1920) based on reports from other archaeologists and avocational archaeologists in the late 19th and early 20th centuries. Little is known about these sites and they were not excavated according to modern archaeological standards or ethical guidelines. Two sites were documented through

modern archaeological surveys. The first (NYSOPRHP site 08101.011526) included a surface find—a possible lithic core—on the grounds of the New York Hall of Science nearly one mile west of the Project Site. The other site (NYSOPRHP site 08101.011370) included a small Woodland-period campsite that included projectile points and other precontact lithic artifacts that was documented by archaeologists Eugene Boesch and Jerome Wooden in the location of the Friends Meeting House, which also contains a historic-period cemetery.

THE FLUSHING OR LINNAEAN GARDEN SITE

DESCRIPTION OF THE LINNAEAN GARDEN SITE

The final site, known as the Flushing or Linnaean Garden Site (NYSM site 4524) has been reported to have been located in the vicinity of the Project Site. The site is believed to have been utilized as a "station," or occupation site, with planting fields that were later repurposed as botanical gardens in the historic period, long before the modern QBG was formed (Bolton 1922:182). The CRIS listing for the site is based on the description included in Parker (1920), which describes the site as: "Burial sites yielding 11 skeletons, in the Linnaean Garden in Flushing in 1841. All heads were to the east" (Parker 1920:672). Parker's source for information on the site was historian Gabriel Furman (1875), who described the site and its discovery as follows:

> *In the month of July 1841, eleven human skeletons were unearthed in excavating the ground to run a road through the Linnæn Garden, at Flushing, in Queens County. The place where they were found has been for fifty years used as a horticultural nursery. They were within a circle of thirty feet, their heads all lay to the east, and some nails and musket-balls were found with them. Conjecture has been foiled in speculating upon the circumstances under which they were inhumed* (Furman 1875: 5-6).

A similar narrative was published by historian Benjamin F. Thompson in 1843, only two years after the reported discovery of the remains. Additional similar reports have been repeated in other published works, including Bolton (1922). Fulton's account therefore appears to have been based on Thompson's:

> *In the autumn of 1841, while some persons were employed in excavating the ground, in the grading of Linnæus street, through a part of what was once the Linnæan Gardens, a dozen or more human skeletons were discovered and exhumed almost entire. From the fact of leaden bullets being found among the bones, it seems highly probably that the unfortunate individuals whose relics they were had fallen by an enemy in battle—and from the circumstance that a very considerable British force was stationed here during the Revolutionary war, it is no more reasonable to suppose, these bones may have been the remains of some of our countrymen, or of their opponents, who had fallen in a skirmish with each other* (Thompson 1843 II: 93-94).

THE LOCATION OF THE LINNAEAN GARDEN SITE

The Linnaean Garden site is mapped in CRIS in two different locations. The first is in the immediate vicinity of the Project Site and the second is mapped more than 4,000 feet north of the Project Site. The identification of the second location appears to be the result of research completed by William Roberts of Greenhouse Consultants, Inc. in 1997. Roberts also noted that the NYSOPRHP files indicate that the Linnaean Garden site was in the vicinity of Kissena Park to the east of the Project Site. However, Roberts speculated that the site was mapped in the incorrect location, as the 1873 Beers atlas depicted "Linnaeus Street" in downtown Flushing, in the location of what is now Prince Street north of Main Street. This location is more consistent with the second location of the site as mapped in CRIS more than 4,000 feet north of the site. Innes (1908) and Seyfried (2001) also indicate that the garden was located in the vicinity of modern Prince Street to the north of the Project Site. Smith's 1841 map of Flushing also depicts the garden in this area and depicts the proposed line of Linnaeus Street.

The confusion regarding the site's location appears to be related to the fact that there were multiple garden sites in Flushing during the 19th century, as the neighborhood had a long history as a place where domesticated crops and exotic plants were cultivated (Seyfried 2001). Named after biological classifier Carl Linnaeus, Linnaean gardens were popular precursors to modern botanical gardens in Europe and the Americas in the 18th and 19th centuries (Upsala 2021). An 8-acre "Linnaean Botanic Garden" was established in the Flushing area by William Prince ca. 1750 and was later operated by his children, William Prince, Jr. and Benjamin Prince, known collectively as "William Prince and Sons" (Thompson 1839; Seyfried 2001). The garden was initially noted for its extensive grove of English cherry trees and it later yielded a variety of ornamental trees and other crops as well (Thompson 1839). It was expanded to 24 acres in 1793 and covered more than 60 acres by the late 1830s (ibid). Revolutionary War activity was documented in the vicinity of the garden, as British General William Howe ordered his guards to protect the garden's ample resources after his arrival in Flushing in the summer of 1777 (ibid). It was Howe who gave the Linnaean Gardens its name, having previously been known as Prince's Gardens (Seyfried 2001).

Following the war, William and Benjamin Prince established additional nurseries in Flushing that were later consolidated into a single business (Seyfried 2001). After the Prince family embarked upon a silk business that was ultimately a failure, the nurseries were foreclosed upon in 1851 and later operated by Gabriel Winter operating as "Winter and Company" until 1862 (ibid). William Prince attempted to re-start his horticultural career by opening a new, 51-acre nursery south of 41st Avenue, though the size of the new parcel was significantly reduced following the construction of the a railroad line through the area (ibid). The 1852 Connor map of Queens County (see **Figure 5**) depicts "Prince's Nursery" on a 10-acre parcel situated to the south of the Project Site in an area situated between roads that appear to be precursors to modern Elder Avenue and Booth Memorial Avenue. The map continues to depict the Project Site as almost entirely, if not entirely, covered with marshland. The map continues to depict a small parcel of land in the vicinity of modern Prince and Main Streets north of the Project Site as "Prince's Nursery."

Furthermore, maps appear to indicate that the Project Site continued to be largely occupied by inundated marshland until the early 20th century, making it unlikely that it was the site of any historic-period burials. Therefore, it appears that the site where at least eleven graves were disinterred was more than 4,000 feet north of the Project Site and was unrelated to the Prince's gardens that was established to the south of the Project Site ca. 1851. AKRF notified NYSM of the mapping error and OPRHP has remapped the site in its correct location as OPRHP site 08101.013320.

B. DEVELOPMENT HISTORY OF THE PROJECT SITE

As described previously, the Project Site remained inundated marshland until the early 20th century. The 1891 Wolverton and 1904 Ullitz atlases continue to depict a creek running through a portion of what is now the QBG. Wolverton's atlas depicts a mill to the southwest of what is now the QBG, which appears to have given the adjacent creek its name. The Ullitz map also suggests that the areas of tidal marsh were divided into large privately-owned tracts that were presumably associated with salt hay farming and cultivation. The 1909 Bromley atlas of Queens (see **Figure 6**) depicts the Project Site in the same manner, though it reflects greater urban development surrounding the Project Site, including to the south of modern Elder Avenue. The map also identifies the stream in the vicinity of the Project Site as "Mill Creek." Sanborn maps published in 1917 and a 1924 aerial photograph taken by the City of New York[1] indicate that the creek and surrounding marshes were still present. The 1917 Sanborn map indicates that some residential development occurred by this time along the northern side of Elder Avenue within the modern QBG property but outside of the Project Site, which was still inundated by Mill Creek and its associated marshlands.

The dramatic transformation of the Flushing Meadows area occurred in the 1930s in preparation for the 1939 World's Fair. The fairgrounds extended as far east as College Point Boulevard, the western boundary of the modern QBG (Cotter 2009). Though it was situated east of the fairgrounds, modern Kissena Park, including the QBG, was filled at the same time.[2] A portion of the fairgrounds that had been filled and landscaped as part of the "Gardens on Parade" exhibit was transformed into the first site of the QBG after the fair concluded (ibid). Though the 1951 Sanborn map continues to depict Kissena Creek running through the Project Site, a 1951 aerial photograph depicts the modern location of the QBG as filled, but undeveloped. As part of the preparation for the 1964 World's Fair, which was also held in Flushing Meadows, the QBG was moved to its current location in 1961 (QBG 2021). At the time of the relocation, the modern QBG site was still largely occupied by "bog and dumps" and required significant grading and filling to create a landscape suitable for ornamental gardens (*New York Times* 1961: 16). Some of the trees planted in the garden exhibit for the 1939 fair

[1] Accessible here: https://maps.nyc.gov/then&now/.

[2] Photographs documenting the filling of marshes in the vicinity of Kissena Park can be found here: http://nycma.lunaimaging.com/luna/servlet/s/gs0x12 and here: http://nycma.lunaimaging.com/luna/servlet/s/a19k4z.

were replanted in the modern QBG (QBG 2021). As initially planned, the formal gardens were to be located in the QBG's southeast corner, near Main Street, while the remainder of the site, including the Project Site, was to be "informally landscaped" pending later development and associated landscape initiatives that do not appear to have been realized (*Ridgewood Times* 1962). Sanborn maps published between 1981 and the present and aerial photographs taken between 1996 and the present depict the Project Site as an undeveloped and landscaped portion of the park.

Chapter 4: Conclusions and Recommendations

A. CONCLUSIONS

As part of the background research for this Phase 1A Study, various primary and secondary resources were analyzed, including historic maps and atlases, historic photographs, newspaper articles, and local histories. The information provided by these sources was analyzed to reach the following conclusions.

ASSESSMENT OF PREVIOUS DISTURBANCE

The Project Site was inundated by a creek and surrounding marshlands until filling efforts transformed the landscape in the 1930s. These landfilling initiatives included the diversion of the creek into sewers and culverts that allow the stream to continue to run beneath the larger QBG property. The site of the QBG experienced further disturbance during its conversion to the modern botanical garden in the 1960s, at which time the QBG was graded and landscaped.

PRECONTACT SENSITIVITY ASSESSMENT

The precontact sensitivity of project sites in New York City is generally evaluated by a site's proximity to level slopes, watercourses, well-drained soils, and previously identified precontact archaeological sites. As described in **Chapter 3**, **"Background Research**,**"** the Project Site is located in the vicinity of a number of previously reported archaeological sites.[1] While the marshes within and surrounding the Project Site would have provided important resources for local indigenous groups during the precontact period, the Project Site was occupied by an active Creek and tidal marsh until the 1930s. The efforts made to transform the area into the QBG would therefore have resulted in significant landscape modification. Therefore, given the extent to which the Project Site has been disturbed as a result of both natural and anthropomorphic landscape modification associated with an active waterway, landfilling efforts, and the construction of the QBG, the Project Site is determined to have low sensitivity for archaeological resources associated with the precontact occupation of the area.

[1] The previously reported Linnean Garden archaeological site (NYSM 4524) containing human remains was determined by AKRF to have been mapped in the wrong place in NYSOPRHP's CRIS and was actually located more than 4,000 feet to the north of the Project Site.

HISTORIC SENSITIVITY ASSESSMENT

The Project Site was inundated until the 1930s and a review of historical maps indicated that no historical development occurred on the Project Site until the QBG was established there in the 1960s. The Project Site is therefore determined to have no archaeological sensitivity for resources associated with the historic period occupation of the area.

B. RECOMMENDATIONS

The Project Site is determined to have low sensitivity for precontact archaeological resources and no sensitivity for archaeological resources associated with the historic period. The impacts associated with the construction of the open air pavilion and the kids culture garden are therefore not expected to result in the disturbance of archaeological resources and no further archaeological analysis is recommended.

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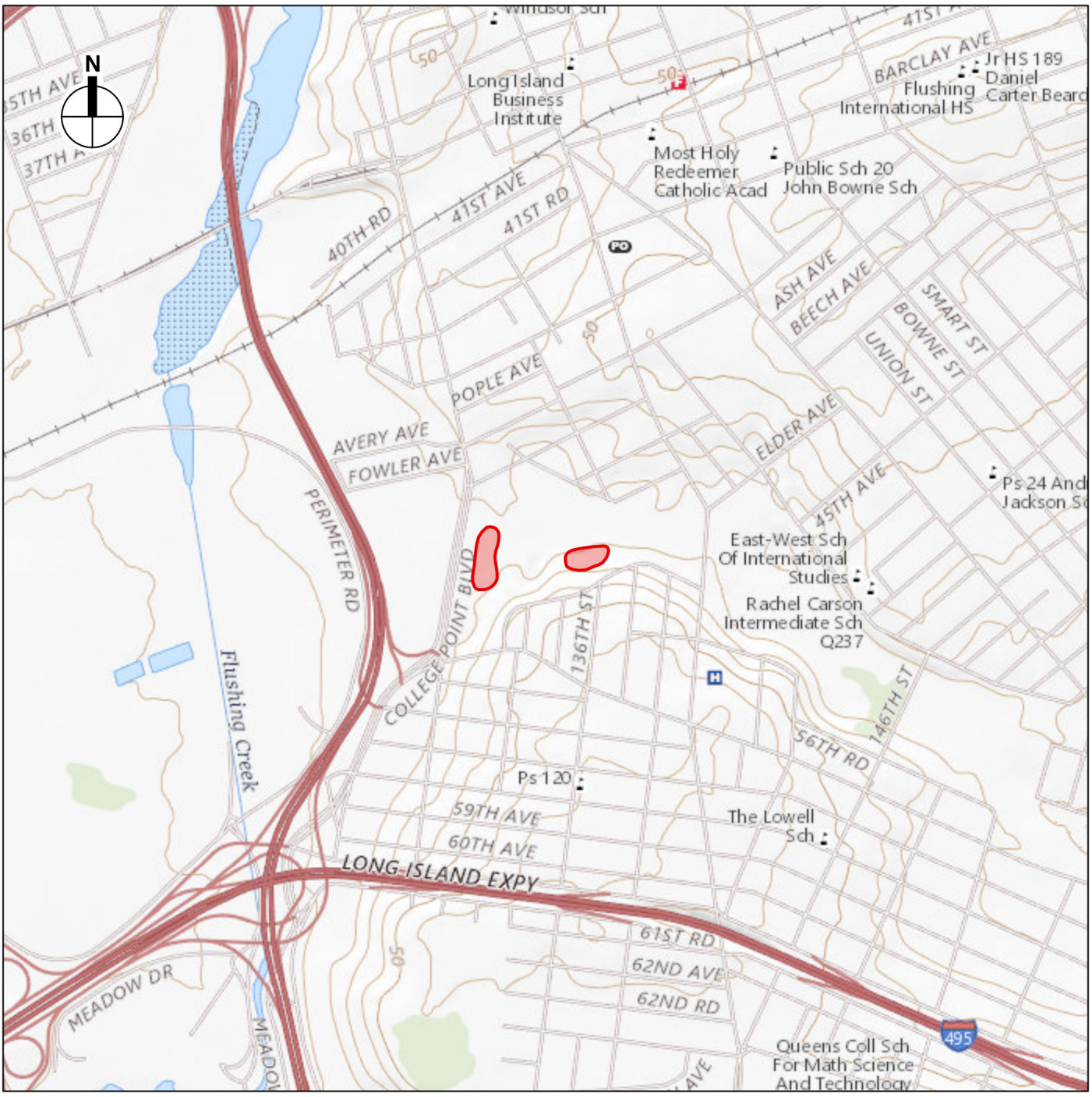
Figures

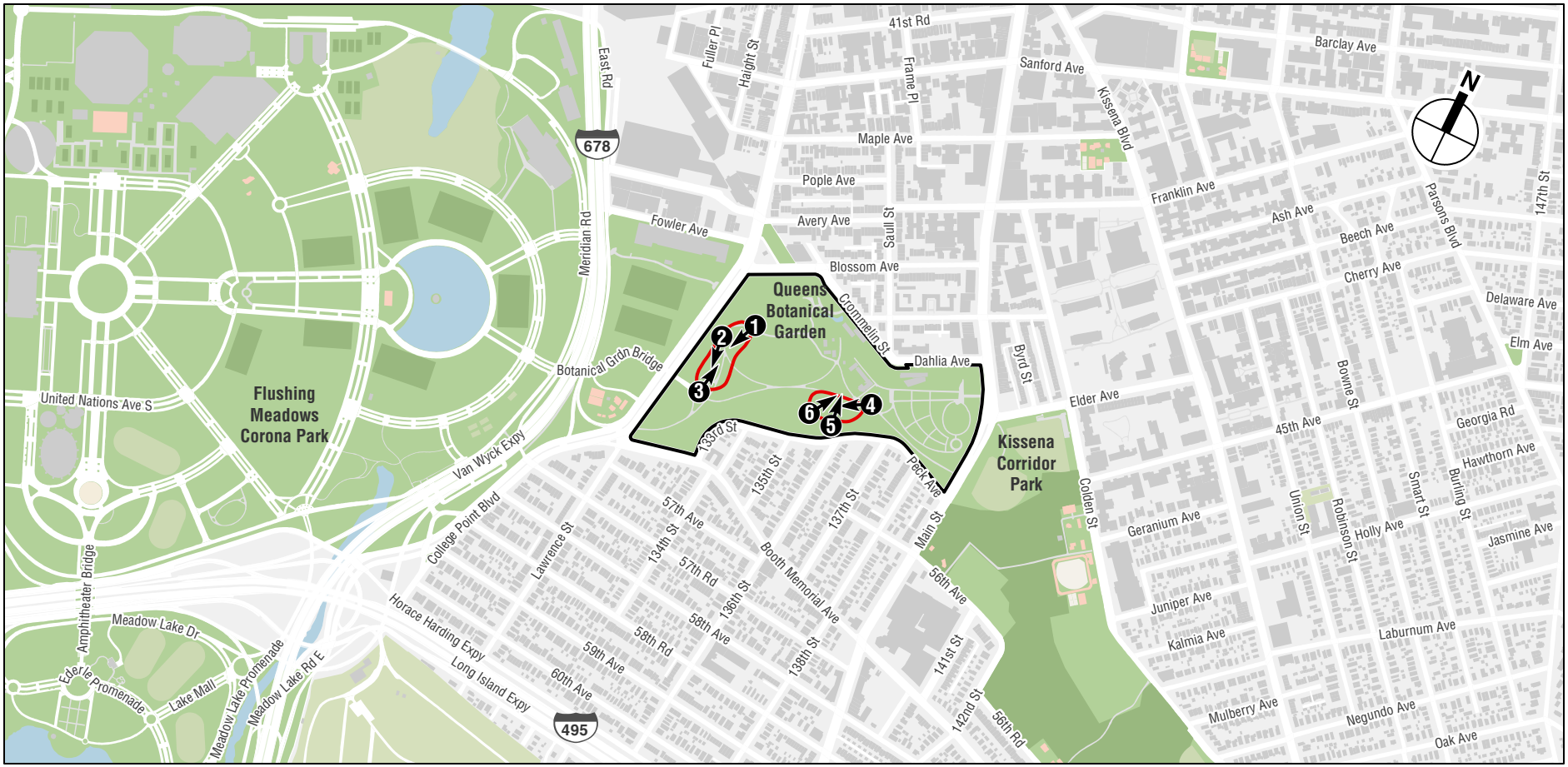


Approximate coordinates of Project Site:
73°49'49"W 40°45'1"N

USGS Topographic Map - Flushing and Jamaica Quadrangles

QUEENS BOTANICAL GARDEN – OPEN AIR PAVILION AND KIDS CULTURE GARDEN **Figure 1**

2.3.21



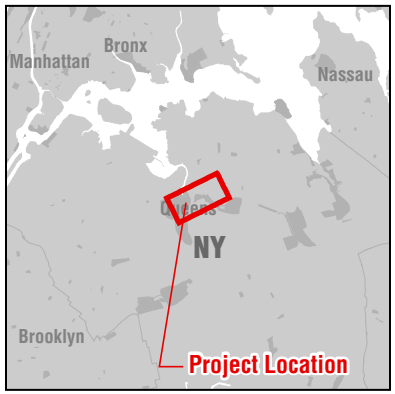
0 2,000 FEET

Project Site

Queens Botanical Garden

Photograph View Direction and Reference Number

Note: Approximate locations of the Proposed Open Air Pavilion and Kids Culture Garden.



Project Location

QUEENS BOTANICAL GARDEN – OPEN AIR PAVILION AND KIDS CULTURE GARDEN

Figure 2

View southwest from the Parking Garden **1**

View south from the haul road **2**

View north from area near the bridge over College Point Boulevard **3**

Note: Approximate location of the Proposed Open Air Pavilion

QUEENS BOTANICAL GARDEN - OPEN AIR PAVILION AND KIDS CULTURE GARDEN

Project Site Views – Open Air Pavilion Site

Figure 3a

View west including the hill on the left and the composting and farm areas in the far distance **4**

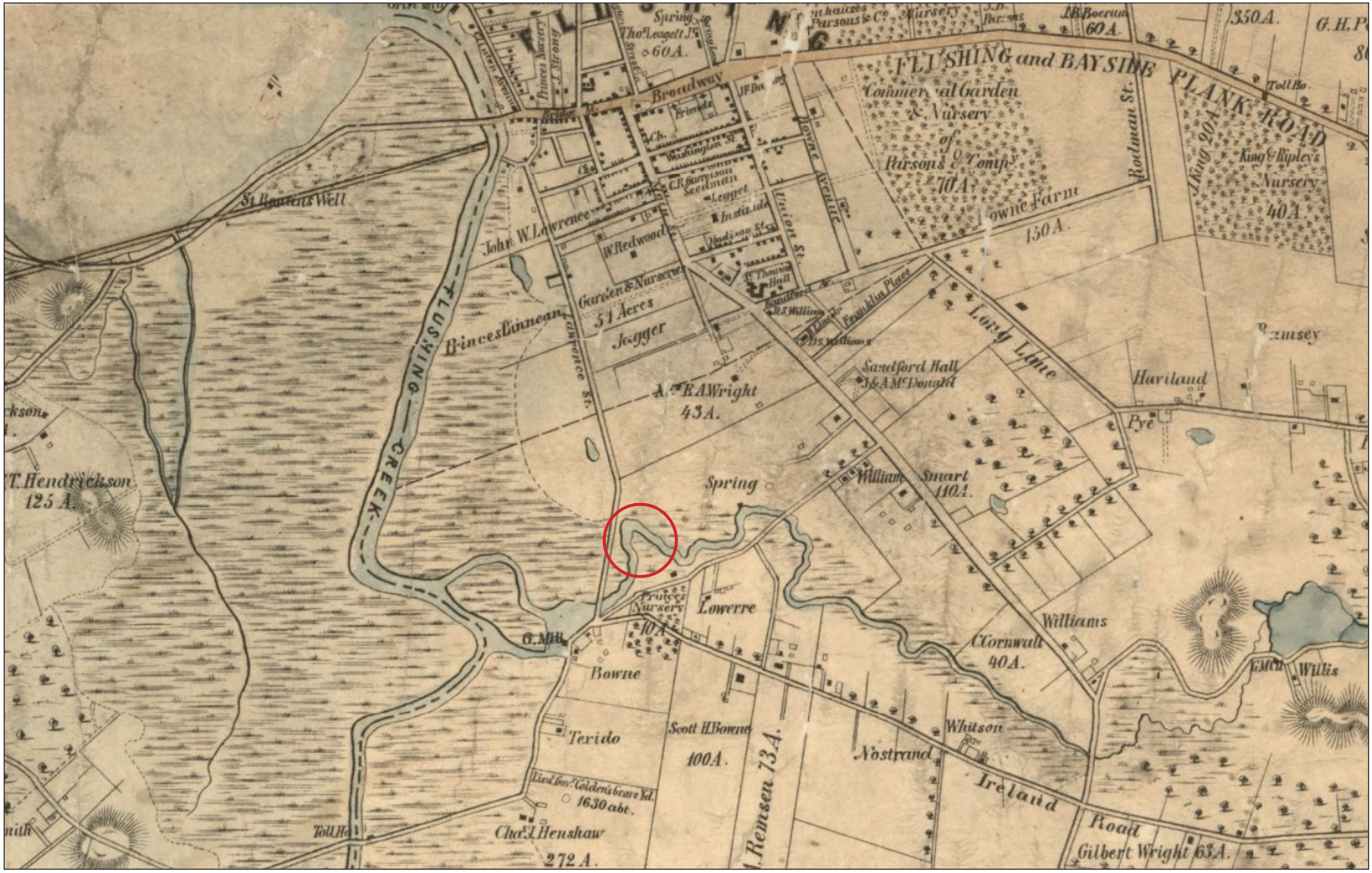
View east including crab apple trees on the left and the hill on the right **5**

View northeast from the hill including crab apple trees **6**

Note: Approximate location of the Proposed Open Air Pavilion

2.3.21

1891 USGS Maps, Brooklyn and Harlem

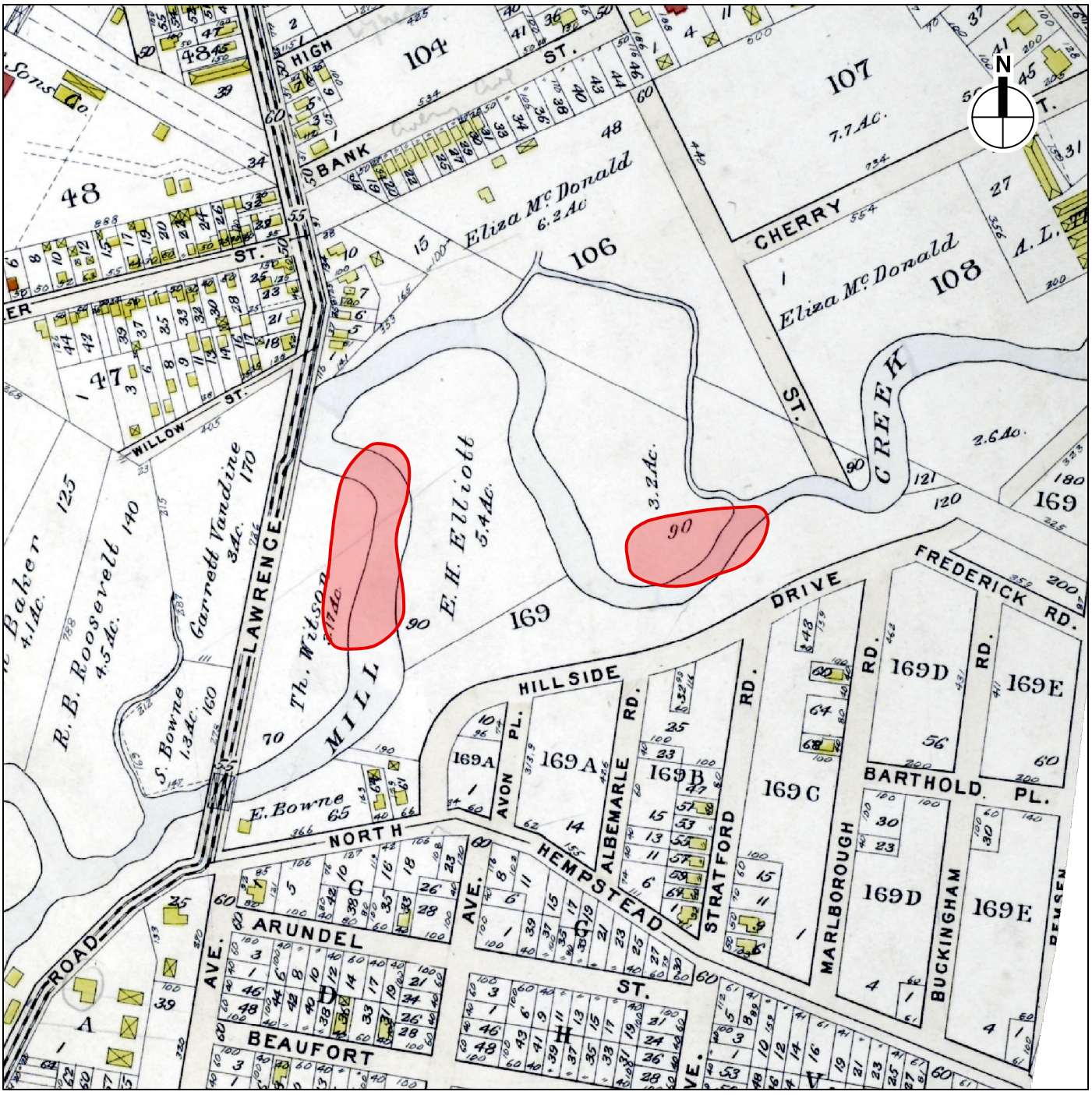


Approximate Location of Project Site

1852 Connor Map

Figure 5

2.23.21



1909 Bromley Atlas

QUEENS BOTANICAL GARDEN – OPEN AIR PAVILION AND KIDS CULTURE GARDEN

Figure 6

Appendix A:

Plan for the Unanticipated Discovery of Human Remains

Open Air Pavilion and Kids Culture Garden at the Queens Botanical Garden

43-50 Main Street (Block 5107, Lot 200)

KISSENA PARK, FLUSHING, QUEENS COUNTY, NEW YORK

Plan for the Unanticipated Discovery of Human Remains

Prepared for:

Dormitory Authority of the State of New York (DASNY)
One Penn Plaza, 52nd Floor
New York, New York 10119-0098

Prepared by:

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

March 2021

Queens Botanical Garden Open Air Pavilion and Kids Culture Garden Project: Plan for the Unanticipated Discovery of Human Remains

PART 1: INTRODUCTION AND PROJECT BACKGROUND

The Queens Botanical Garden Society, Inc. ("Queens Botanical Garden" or "QBG") is proposing to construct improvements on the QBG grounds within Kissena Park in the Flushing neighborhood of Queens, New York. The Proposed Project would provide the QBG with new garden amenities that would support the QBG's sustainability initiatives while enhancing the visitor experience of the garden, including opportunities for hands-on experiences for children visiting the garden. The Dormitory Authority of the State of New York ("DASNY") has received a funding request from QBG for its *Open Air Pavilion and Kids Culture Garden* as part of the Community Capital Assistance Program ("CCAP") and/or the State and Municipal Facilities Program "SAM") (DASNY project #8140). The Project Site therefore includes two non-contiguous locations within the QBG: 1) the open air pavilion site is located in the southwest portion of the QBG and 2) the kids culture garden site is located in the south-central portion of the QBG.

The Proposed Project is being reviewed pursuant to the *State Environmental Quality Review Act ("SEQRA")*, codified at Article 8 of the *New York Environmental Conservation Law ("ECL"),* and its implementing regulations, promulgated at Part 617 of Title 6 of the *New York Code, Rules and Regulations ("N.Y.C.R.R."),* which collectively contain the requirements for the *State Environmental Quality Review ("SEQR")* process. The environmental review of the Open Air Pavilion and Kids Culture Garden project ("Proposed Project") follows *SEQRA*, and the New York *City Environmental Quality Review ("CEQR") Technical Manual* generally is used as a guide with respect to environmental analysis methodologies and impact criteria for evaluating the Proposed Project.[1] The Proposed Project is also being reviewed in conformance with the *New York State Historic Preservation Act of 1980 ("SHPA")*, specifically the implementing regulations of Section 14.09 of the *Parks, Recreation and Historic Preservation Law ("PRHPL")*, as well as with the requirements of the Memorandum of Understanding ("MOU"), dated March 18, 1998, between DASNY and the New York State Office of Parks, Recreation, and Historic Preservation (NYSOPRHP).

Pursuant to these regulations, consultation was initiated with NYSOPRHP and the New York City Landmarks Preservation Commission ("NYCLPC") regarding the Project Site's potential archaeological sensitivity. In a comment letter dated January 20, 2021, NYSOPRHP determined that the Project Site is potentially archaeologically sensitive and requested that a Phase 1A Literature Search and Sensitivity Assessment (also known as a "Phase 1A Archaeological Documentary Study" or "Phase 1A Study") be prepared to further assess areas of archaeological sensitivity within the Project Site. Specifically, NYSOPRHP stated that the site was in close

[1] The City of New York, Mayor's Office of Environmental Coordination, *CEQR Technical Manual,* 2020.

proximity to New York State Museum ("NYSM") archaeological site number 4524, which was reported to include precontact archaeological resources and human remains potentially associated with military activity in the area during the Revolutionary War. NYCLPC made a similar request in a comment letter issued February 2, 2021. A Phase 1A Study was prepared by AKRF in February 2021 (Revised, March 2021) to satisfy these comments.[1]

The Phase 1A Study concluded that the Project Site is not sensitive for archaeological resources and determined that no additional archaeological analysis or testing was required. In separate comment letters issued February 22, 2021, NYCLPC and NYSOPRHP concluded that out of an abundance of caution, a plan for the unanticipated discovery of human remains be prepared and implemented in the unlikely event that human remains are encountered during the construction of the project. NYSOPRHP specifically requested that the Human Remains Discovery Protocol as issued by the New York State Historic Preservation Office ("SHPO") in January 2021 be implemented in the event that human remains are encountered during the project's construction. This protocol is included here as **Part 2: SHPO Human Remains Discovery Protocol**. The steps that would have to be followed in order to implement the SHPO protocol in compliance with the *Guidelines for Archaeological Work in New York City* as issued by NYCLPC in 2018[2] are included in **Part 3: Plan for the Unanticipated Discovery of Human Remains**.

PART 2: SHPO HUMAN REMAINS DISCOVERY PROTOCOL (JANUARY 2021)

In the event that human remains are encountered during construction or archaeological investigations, SHPO recommends that the following protocol is implemented:

- Human remains shall be treated with the utmost dignity and respect. Should human remains or suspected human remains be encountered, work in the general area of the discovery shall stop immediately and the location shall be secured and protected from damage and disturbance.
- If skeletal remains are identified and the archaeologist is not able to conclusively determine if they are human, the remains and any associated materials must be left in place. A qualified forensic anthropologist, bioarchaeologist or physical anthropologist shall assess the remains in situ to help determine if they are human.
- If the remains are determined to be human, law enforcement, the SHPO, the appropriate Indian Nations, and the involved state and federal agencies shall be notified immediately. If law enforcement determines that the burial site is not a criminal matter, no skeletal remains or associated materials shall be removed until appropriate consultation takes place.

[1] AKRF (2021): "Open Air Pavilion and Kids Culture Garden at the Queens Botanical Garden; 43-50 Main Street (Block 5107, Lot 200); Kissena Park, Flushing, Queens County, New York: Phase 1A Archaeological Documentary Study." Prepared for: Dormitory Authority State of New York; New York, NY.

[2] https://www1.nyc.gov/assets/lpc/downloads/pdf/2018_Guidelines%20for%20Archaeology_Final_high%20res.pdf

- If human remains are determined to be Native American, they shall be left in place and protected from further disturbance until a plan for their avoidance or removal is developed. Please note that avoidance is the preferred option of the SHPO and the Indian Nations. The involved agency shall consult SHPO and the appropriate Indian Nations to develop a plan of action. Photographs of Native American human remains and associated materials should not be taken without consulting with the involved Indian Nations.
- If human remains are determined to be non-Native American, the remains shall be left in place and protected from further disturbance until a plan for their avoidance or removal is developed. Please note that avoidance is the preferred option of the SHPO. The involved agency shall consult SHPO and other appropriate parties to develop a plan of action.
- The SHPO recommends that burial information is not released to the public to protect burial sites from possible looting.

PART 3: PLAN FOR THE UNANTICIPATED DISCOVERY OF HUMAN REMAINS

In the event that human remains or suspected human remains are encountered during construction, the following plan will be implemented to ensure that the Human Remains Discovery Protocol as issued by SHPO will be implemented in compliance with New York City laws and the guidelines of NYCLPC regarding the discovery and handling of human remains.

The following procedures will be adhered to if the discovery of human remains or suspected human remains occurs during construction efforts associated with the Proposed Project. This protocol outlines the notification procedures that will be in place to ensure that all involved parties are appropriately notified of the discovery of human remains or suspected human remains.

In the event of the discovery of human remains or suspected human remains:

1. The Contractor will stop work immediately in the area of the find to protect the integrity of the find. The location of the find will be flagged or fenced to ensure the safety of the human remains and to avoid potential impacts.
2. The Contractor will immediately notify QBG and QBG will notify the archaeological consultant of the find. Notification will include: specific location of discovery within the disturbed area of the work site; the nature of the discovery; and the location of the find flagged/fenced to insure safety and avoidance of impacts. At all times human remains must be treated with the utmost dignity and respect. The Contractor will not restart work in the area of the find until QBG has granted clearance.
3. The Contractor will immediately call 911 to notify both the New York City Police Department (“NYPD”) and the Office of the Chief Medical Examiner (“OCME”) of the find, and cooperate with OCME to notify, as required, any additional law enforcement agencies, as appropriate.

SHPO Contact:	Dr. Bradley Adams, Forensic Anthropologist
Telephone:	Primary: 212.447.2030; Secondary: 718.804.8050
Address:	520 First Avenue, New York, New York 10016
E-mail:	badams@ocme.nyc.gov

4. QBG will promptly notify NYSOPRHP and NYCLPC of the find.

NYSOPRHP Contact:	Philip A. Perazio, Historic Preservation Program Analyst—Archaeologist
Telephone:	(518) 268-2175
Address:	New York State Office of Parks, Recreation, and Historic Preservation, Division for Historic Preservation P. O. Box 189, Waterford, NY 12188-0189
Express Address:	Delaware Avenue, Cohoes, New York 12047
E-mail:	Philip.Perazio@parks.ny.gov

NYCLPC Contact:	Amanda Sutphin, Director of Archaeology
Telephone:	212.669.7823
Address:	New York City Landmarks Preservation Commission 1 Centre Street, 9th Floor, New York, NY 10007
E-mail:	asutphin@lpc.nyc.gov

5. If OCME/NYPD determine that they have no concerns for the remains, QBG will retain the services of an archaeological consultant (if one has not already been retained) and will direct the archaeological consultant to begin a more detailed archaeological assessment of the find's significance.
6. If it is determined that intact interments or disarticulated human remains are present and may be disturbed by continuing construction, then QBG will attempt to locate and identify next of kin or a descendant community (if known or if lineage can be determined), NYSOPRHP and NYCLPC regarding additional measures to avoid or mitigate further damage. These measures may include:
    - Formal archaeological evaluation of the site;
    - Visits to the site by NYSOPRHP, NYCLPC, and other parties as necessary;
    - Preparation of a mitigation plan by QBG, including procedures for disinterment and reinterment, for approval by NYSOPRHP and NYCLPC;
    - Implementation of the mitigation plan; and
    - Approval to resume construction following completion of the fieldwork component of the mitigation plan.
7. In the event that intact human remains are to be disinterred from the site, a funeral director will be retained by QBG. As necessary and required by New York City law, the

funeral director will apply for a disinterment permit from the New York City Department of Health ("NYCDOH") before human remains are removed from the site pending the implementation of a mitigation plan prepared pursuant to **Step 6** of this plan.

8. QBG will then grant clearance to the Contractor to restart work.

QUEENS BOTANICAL GARDEN

PAVILION

12.17.24

BKSK

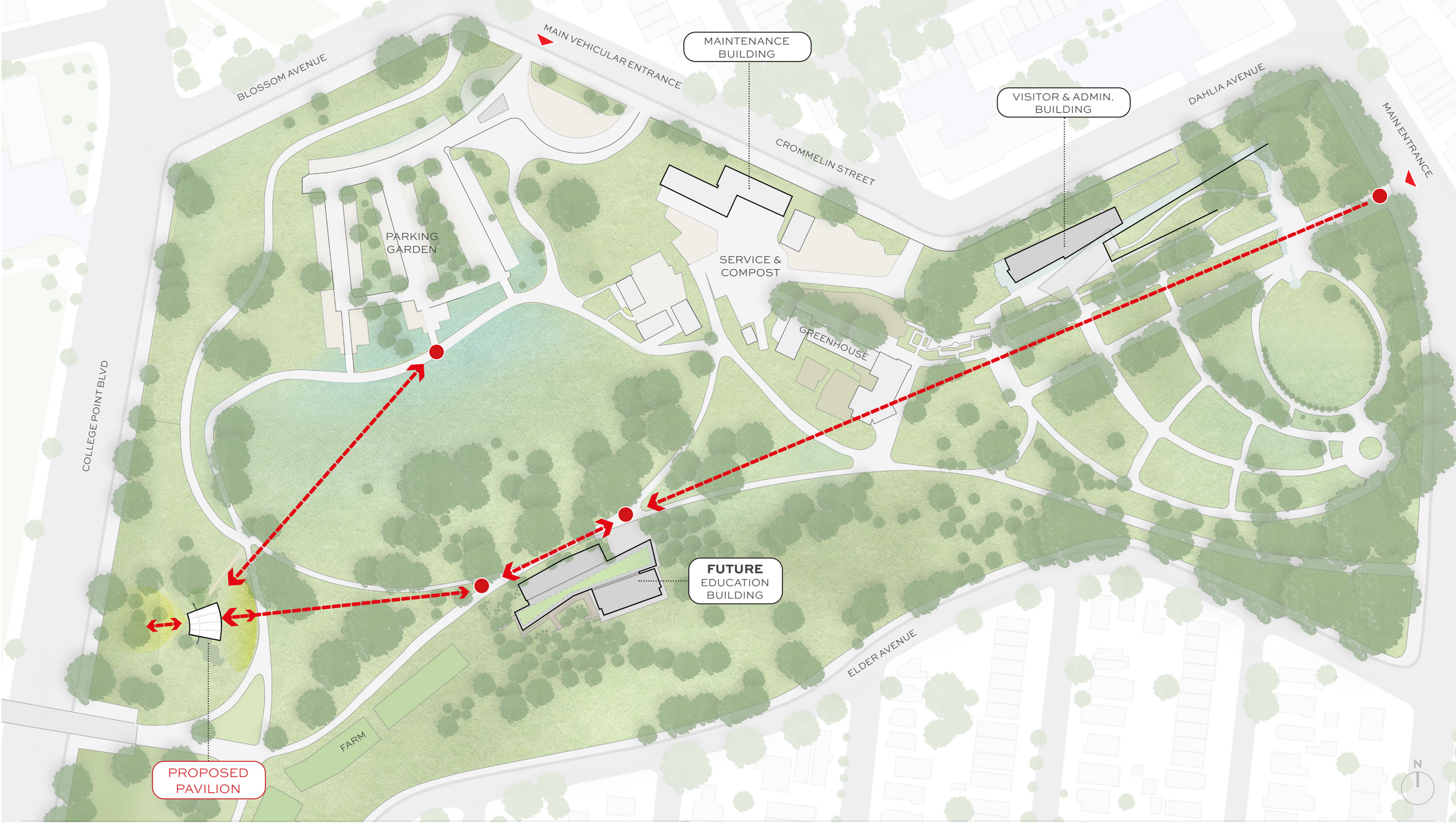
RKLA Studio
LANDSCAPE ARCHITECTURE

Silman

Queens Botanical Garden

NYC Cultural Affairs

NYC Parks



PROPOSED SITE VISIBILITY

QBG PAVILION

BKSK RKLA Studio LANDSCAPE ARCHITECTURE Silman Queens Botanical Garden NYC Cultural Affairs NYC Parks

PROPOSED SITE ACCESS

QBG PAVILION

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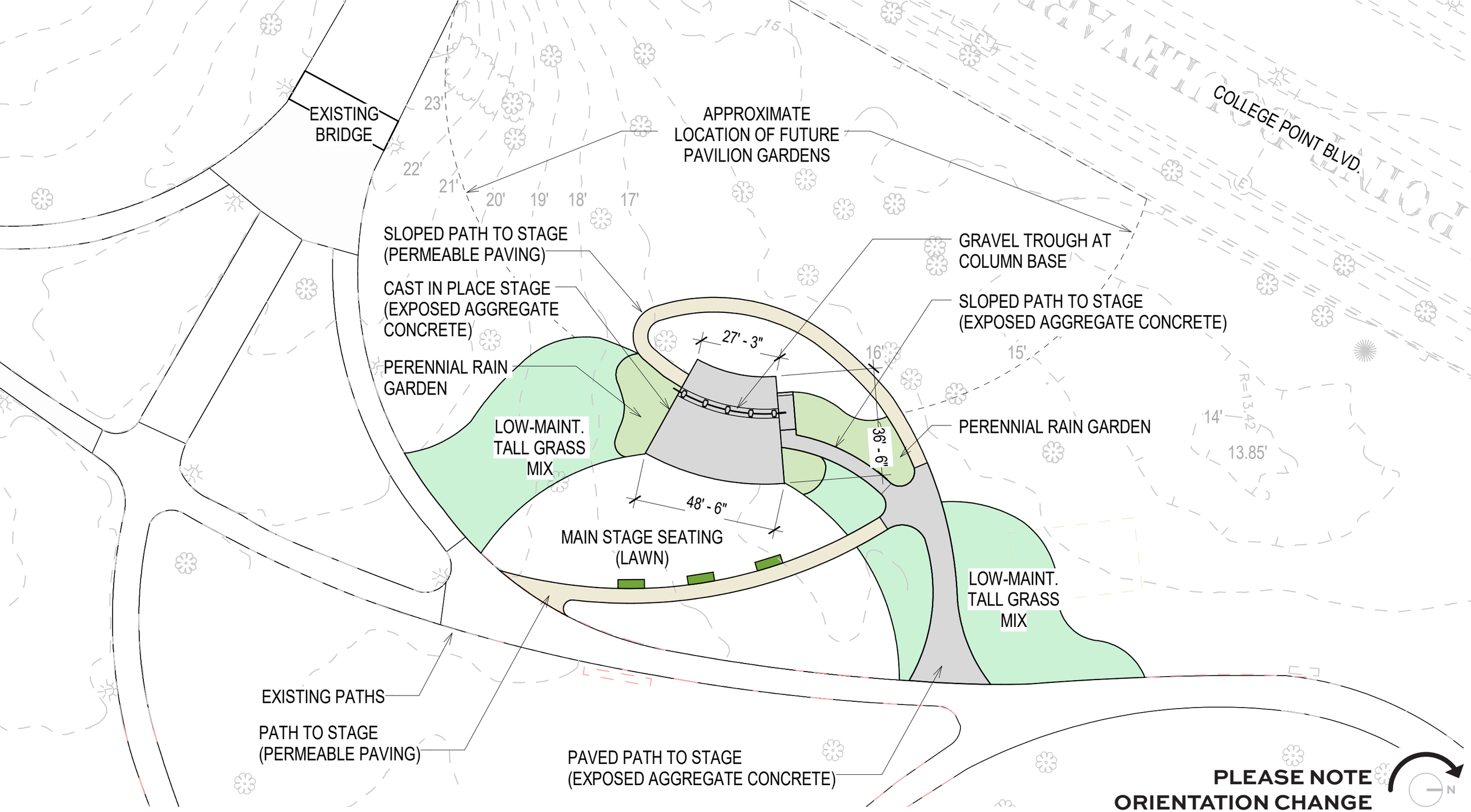


PROPOSED SITE PLAN

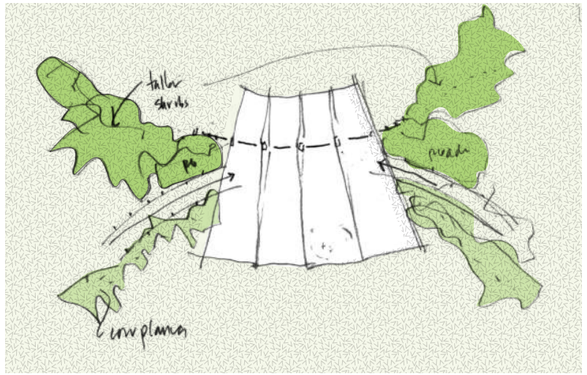
QBG PAVILION

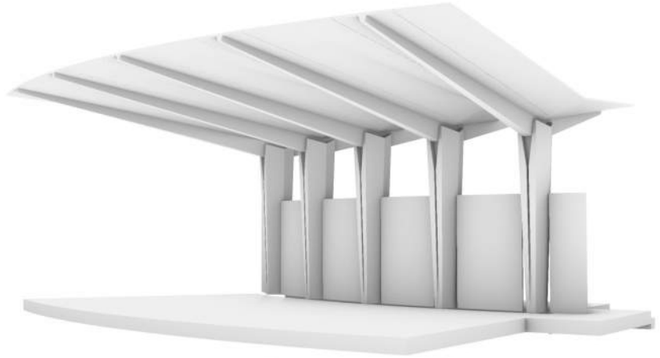
BKSK RKLA Studio LANDSCAPE ARCHITECTURE Silman Queens Botanical Garden NYC Cultural Affairs NYC Parks

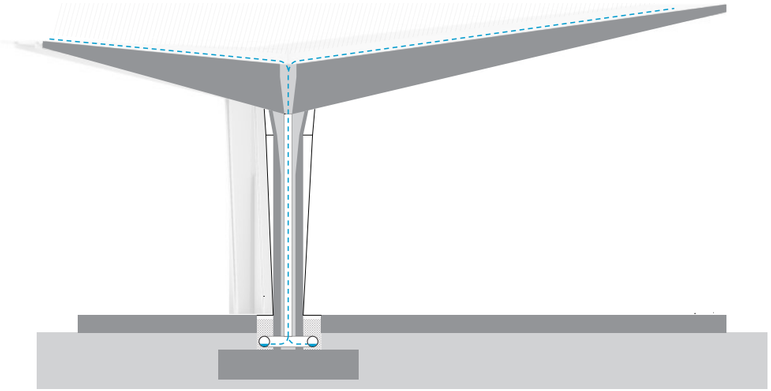
VIEW OF THE MAIN STAGE

QBG PAVILION

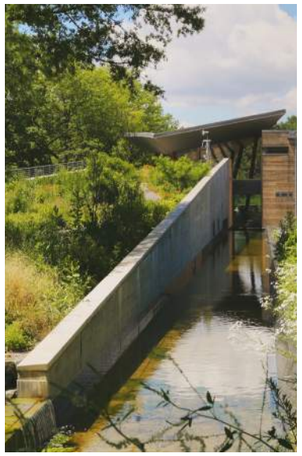
BKSK RKLA Studio LANDSCAPE ARCHITECTURE Silman Queens Botanical Garden NYC Cultural Affairs NYC Parks







DUCTAL UHPC

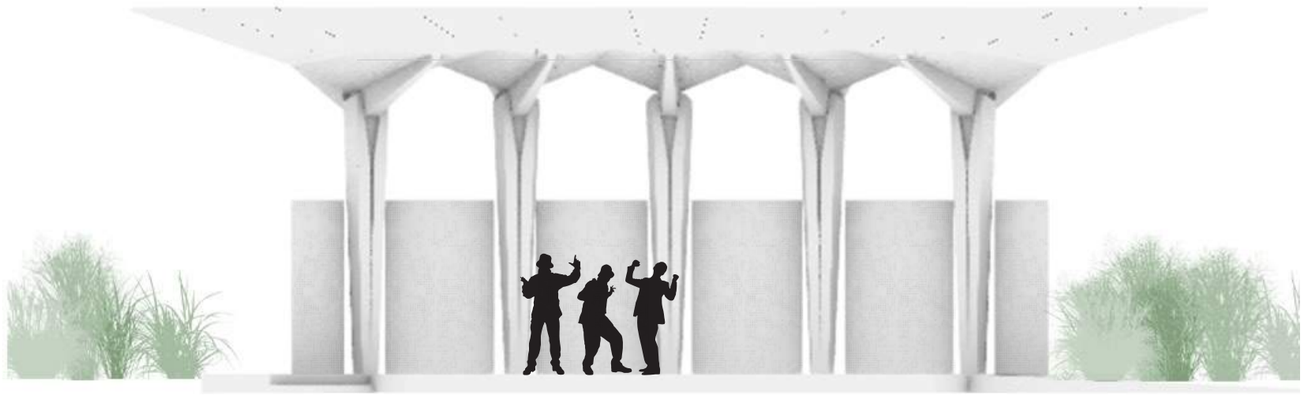


- each structure features a welcoming roof / folded roofs are in dialog with each other
- material choices are in response to site conditions and programmatic requirements: concrete, wood and steel
- on-site water management is integral to each structure
- each structure integrates and frames a landscape

BKSK RKLA Studio LANDSCAPE ARCHITECTURE Silman Queens Botanical Garden NYC Cultural Affairs NYC Parks

MAIN STAGE ELEVATION

SIDE ELEVATION



BACK STAGE / GATHERING ELEVATION

ELEVATIONS

QBG PAVILION

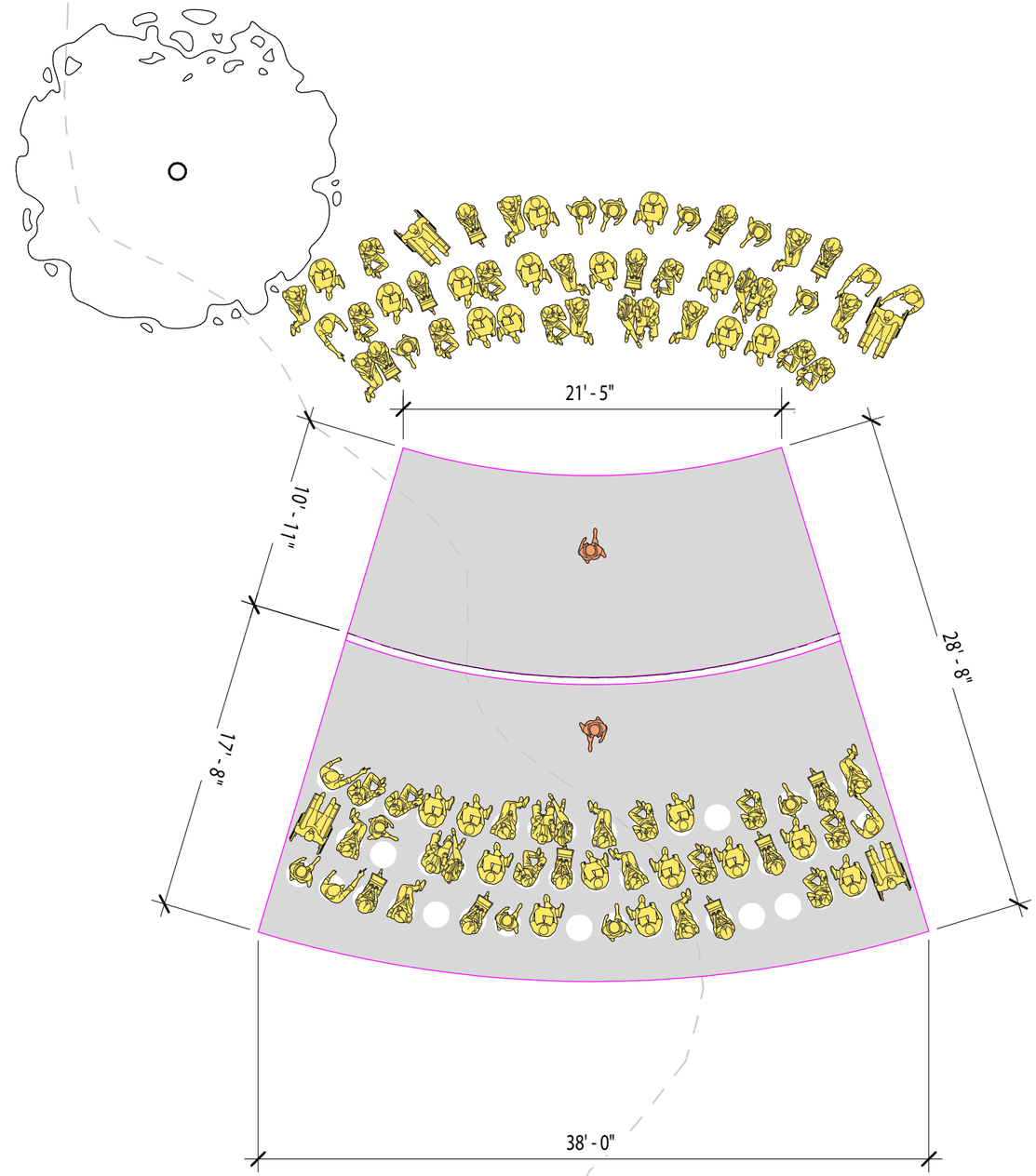
BKSK RKLA Studio LANDSCAPE ARCHITECTURE Silman Queens Botanical Garden NYC Cultural Affairs NYC Parks

FOOTPRINT SIZING_38'_NEW PROPOSED

QBG PAVILION

1/32" = 1'-0"
Project Number: 2218
07.01.2024

BKSK



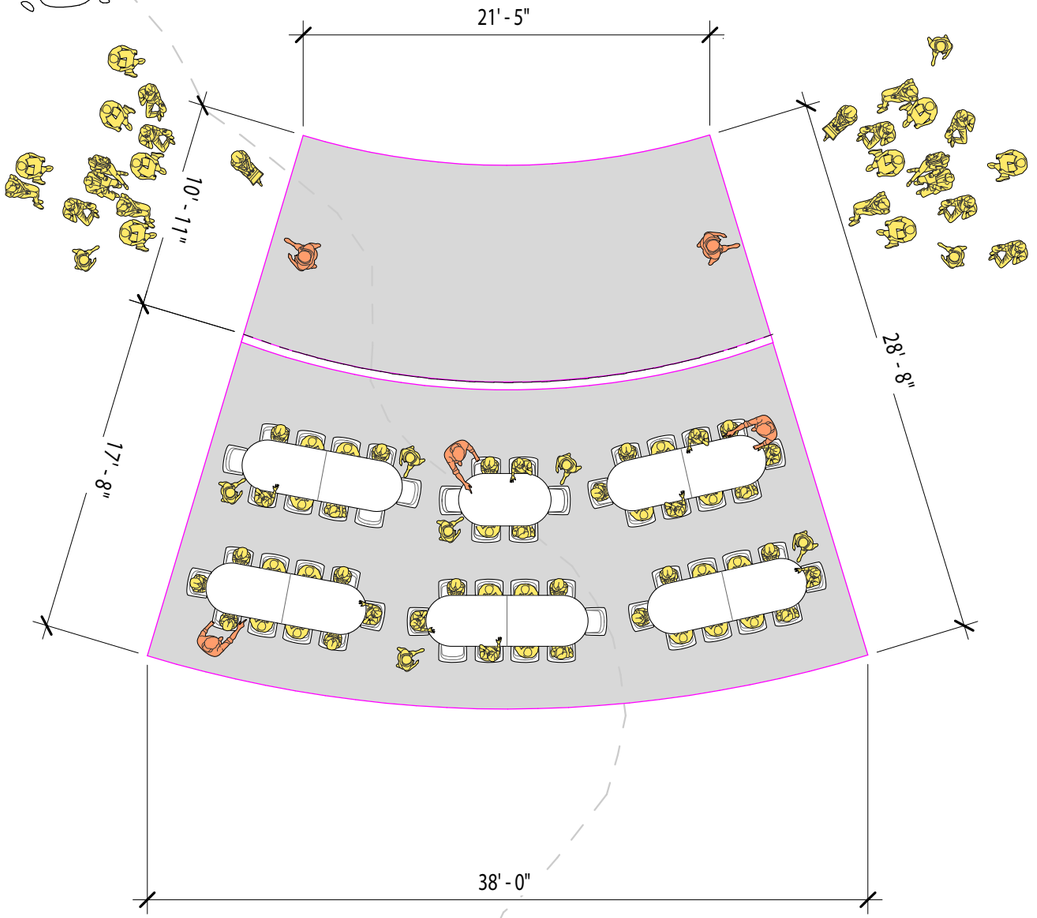
FOOTPRINT SIZING_38'_NEW PROPOSED_A

QBG PAVILION

10

1/8" = 1'-0"
Project Number: 2218
07.01.2024

BKSK



COUNT OF PEOPLE IN PAVILION: 50-55

FOOTPRINT SIZING_38'_NEW PROPOSED_B

QBG PAVILION

1/8" = 1'-0"
Project Number: 2218
07.01.2024

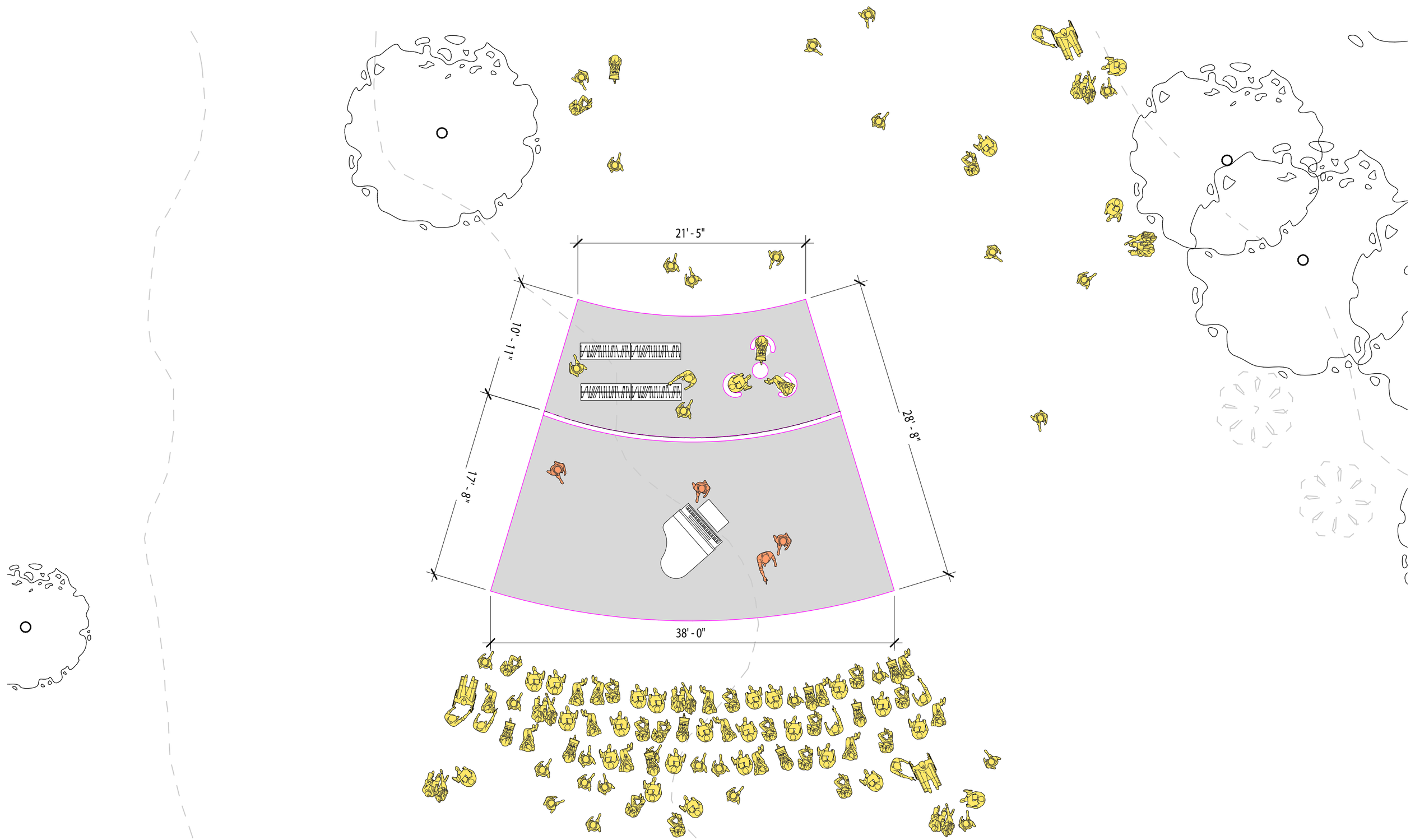
BKSK

FOOTPRINT SIZING_38'_NEW PROPOSED_C

QBG PAVILION

1/8" = 1'-0"
Project Number: 2218
07.01.2024

BKSK



FOOTPRINT SIZING_38'_NEW PROPOSED_D

QBG PAVILION

13

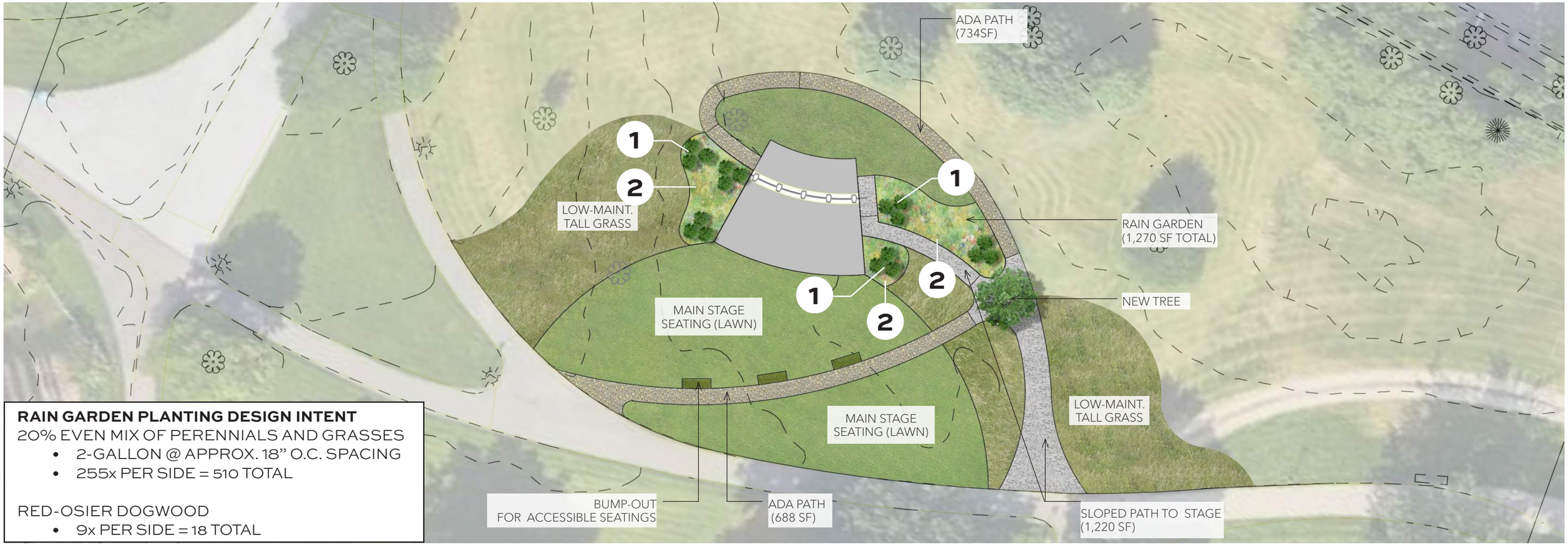
1/8" = 1'-0"
Project Number: 2218
07.01.2024

BKSK

LANDSCAPE PLAN

QBG PAVILION

BKSK RKLA Studio LANDSCAPE ARCHITECTURE Silman Queens Botanical Garden NYC Cultural Affairs NYC Parks



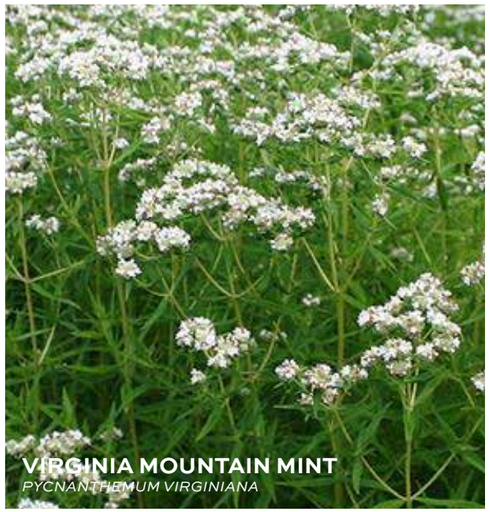
RAIN GARDEN PLANTING DESIGN INTENT

20% EVEN MIX OF PERENNIALS AND GRASSES

- 2-GALLON @ APPROX. 18" O.C. SPACING
- 255x PER SIDE = 510 TOTAL

RED-OSIER DOGWOOD

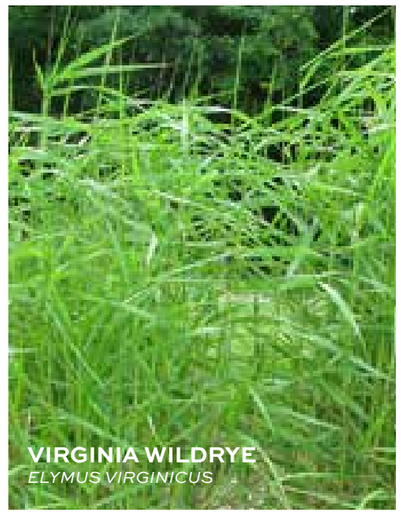
- 9x PER SIDE = 18 TOTAL



LANDSCAPE PLAN - PERENNIALS / GRASSES AT RAIN GARDEN

QBG PAVILION

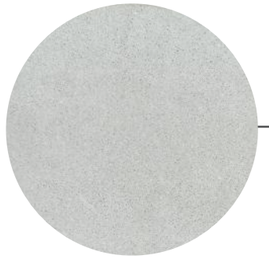
BKSK RKLA Studio LANDSCAPE ARCHITECTURE Silman Queens Botanical Garden NYC Cultural Affairs NYC Parks



LANDSCAPE PLAN - LOW-MAINTENANCE GRASS MIX AND NEW TREE

QBG PAVILION

DUCTAL UHPC



CANOPY AND COLUMNS

EXPOSED AGGREGATE CONCRETE

STAGE

EXPOSED AGGREGATE CONCRETE

AND

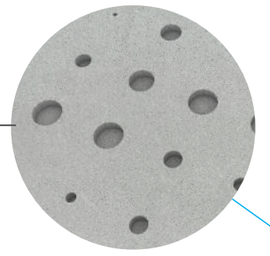
PERMEABLE PAVING

PATHS

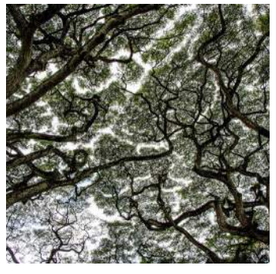
RIVER ROUNDS

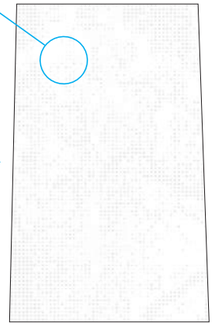
COLUMN BASE TRENCH

PERFORATED PANELS



DUCTAL UHPC





BIOPHILIC IMAGERY

BKSK RKLA Studio LANDSCAPE ARCHITECTURE Silman Queens Botanical Garden NYC Cultural Affairs NYC Parks

11.3 – SHPO Concurrence

New York State
Parks, Recreation and
Historic Preservation

KATHY HOCHUL
Governor

KATHY MOSER
Acting Commissioner

March 11, 2026

Juliet Jacobs
Environmental Unit Head (Community Development)
NYC Office of Management and Budget
255 Greenwich Street, 8th Floor
New York, NY 10007

Re: HUD
Queens Botanical Garden Pavilion
26PR01949

Dear Juliet Jacobs:

Thank you for requesting the comments of the State Historic Preservation Office (SHPO). We have reviewed the project in accordance with Section 106 of the National Historic Preservation Act of 1966. These comments are those of the SHPO and relate only to Historic/Cultural resources. They do not include potential environmental impacts to New York State Parkland that may be involved in or near your project.

Based upon this review, it is the opinion of the New York SHPO that no historic properties, including archaeological and/or historic resources, will be affected by this undertaking.

If further correspondence is required regarding this project, please be sure to refer to the OPRHP Project Review (PR) number noted above. If you have any questions, please contact Jessica Vavrasek at the following email address:

Jessica.Vavrasek@parks.ny.gov

Sincerely,

R. Daniel Mackay

Deputy State Historic Preservation Officer
Division for Historic Preservation

11.4 – LPC Concurrence

Jacobs, Juliet

From: Amanda Sutphin (LPC) <ASutphin@lpc.nyc.gov>
Sent: Thursday, March 12, 2026 11:42 AM
To: Jacobs, Juliet
Cc: Freeman, Julie; Brazee, Olivia (PARKS); McIvor, Sara (PARKS); Timothy Frye (LPC)
Subject: RE: Section 106 Compliance for – Queens Botanical Garden Pavilion

LPC does not have any archaeological concerns for this project, but we recommend that you also review the project history of the Queens Botanical Educational Building where the Stockbridge-Munsee Community requested archaeology be completed as part of the project (and the link will take you to the resulting archaeological report). As federal funding will be used for the current project, you will need to consult with the Tribal Nations who may request additional archaeology. Their contact information may be found in the Guidelines for Archaeological Work in New York City (link in my signature).

Amanda

Landmarks Preservation Commission

Amanda Sutphin
Director of Archaeology
253 Broadway, 11th Floor | New York, NY 10007
p: 212.602.6353 | m: 347.556.1296
asutphin@lpc.nyc.gov | www.nyc.gov/landmarks
Follow LPC on: Facebook | X | Instagram | LinkedIn | YouTube

Quick Links
Guidelines for Archaeological Work in New York City| NYC Archaeological Repository: The Nan A Rothschild Research Center | Buried Beneath the City: An Archaeological History of New York

---

From: Jacobs, Juliet <JacobsJuliet@omb.nyc.gov>
Sent: Monday, March 9, 2026 10:50 AM
To: Gina Santucci (LPC) <GSantucci@lpc.nyc.gov>
Cc: Freeman, Julie <freemanj@omb.nyc.gov>; Brazee, Olivia (PARKS) <olivia.brazee@parks.ny.gov>; McIvor, Sara (PARKS) <sara.mcivor@parks.ny.gov>; Amanda Sutphin (LPC) <ASutphin@lpc.nyc.gov>
Subject: Section 106 Compliance for – Queens Botanical Garden Pavilion

Hi Gina,

The New York City Office of Management and Budget (OMB) is conducting an environmental review, pursuant to 24 CFR Part 58, for the proposed construction of an open air pavilion structure within the southwest corner of the Queens Botanical Garden. This project would be completed, in part, by using U.S. Department of Housing and Urban Development (HUD) Community Project Funding (CPF) resources. A State Environmental Quality Review Act (SEQRA) review was previously completed for this

11.5 – Tribal Consultation Package

Jacobs, Juliet

From: Jacobs, Juliet
Sent: Monday, April 13, 2026 3:49 PM
To: klucas@delawarenation-nsn.gov
Cc: klucas@delawarenation-nsn.gov; Carissa Speck; mmclane@delawarenation-nsn.gov; Freeman, Julie; fquintanilla@queensbotanical.org; Rebecca Wolf
Subject: FW: Tribal Consultation Request - Queens Botanical Garden Pavilion Project
Attachments: Delaware Nation Consultation Letter.pdf; Attachment 1_Project Presentation and Site Maps.pdf; Attachment 2_Current Photos - 2026.pdf; Attachment 3_Phase 1A Archaeological Documentary Study.pdf; Attachment 4_SEQRA Consultation.pdf; Attachment 5_Human Discoveries Protocol.pdf

Hello Ms. Lucas,

I wanted to follow up to ensure we have collected any comments the Delaware Nation may have on the proposed Queens Botanical Garden Pavilion Project described in the attached consultation letter. If you wish to consult on this project, please let me know by April 17, 2026. If no comments are received, we will assume there are no concerns with the proposed project.

Thank You!

Juliet Jacobs
Unit Head – Environmental (CD)
New York City Mayor's Office of Management & Budget
255 Greenwich Street, 8th Floor
New York, NY 10007
☎ (212) 788-1653
✉ JacobsJuliet@omb.nyc.gov

From: Jacobs, Juliet
Sent: Friday, March 13, 2026 11:33 AM
To: klucas@delawarenation-nsn.gov
Cc: Freeman, Julie <FreemanJ@omb.nyc.gov>; 'mmclane@delawarenation-nsn.gov' <mmclane@delawarenation-nsn.gov>; 'cspeck@delawarenation-nsn.gov' <cspeck@delawarenation-nsn.gov>; fquintanilla@queensbotanical.org
Subject: Tribal Consultation Request - Queens Botanical Garden Pavilion Project

Hello Ms. Lucas,

The New York City Office and Budget (NYC OMB) agreed to serve as Responsible Entity for a federal grant to the New York Botanical Garden (please note this is for environmental review purposes only). The project involves ground disturbance of a public park land. I have attached a letter and supplemental materials with additional detail about the project and am seeking your input on whether this activity would have the potential to adversely impact resources that have religious and/or cultural significance to your tribe. If you wish to consult on this project, please let me know no later than April 13, 2026. If you do not wish to consult, I would greatly appreciate you letting me know as soon as possible.

Thanks very much for your time and consideration!

The City of New York
Office of Management and Budget
255 Greenwich Street, 8th Floor • New York, New York 10007

Date: March 13, 2026

Katelyn Lucas
Delaware Nation Historic Preservation Officer
Office: 405-544-8115
Email: klucas@delawarenation-nsn.gov

RE: Section 106 Compliance for – Queens Botanical Garden Pavilion Project

Dear Ms. Lucas,

Pursuant to the Consolidated Appropriations Act of 2024 (Public Law 118-42), the U.S. Department of Housing and Urban Development (HUD) executed a Grant Agreement with the Queens Botanical Garden (QBG) specifying that $500,000 in Community Project Funding (CPF) would be provided for a capital revitalization project. The New York City Office of Management and Budget (OMB) is the entity responsible for compliance with the HUD environmental review procedures set forth in 24 CFR Part 58, including tribal consultation related to historic properties. Historic properties include archeological sites, burial grounds, sacred landscapes or features, ceremonial areas, traditional cultural places and landscapes, plant and animal communities, and buildings and structures with significant tribal association.

OMB will conduct a review of this project to comply with Section 106 of the National Historic Preservation Act and its implementing regulations 36 CFR Part 800. We would like to invite you to be a consulting party in this review to help identify historic properties in the project area that may have religious and cultural significance to your tribe, and if such properties exist, to help assess how the project might affect them. If the project might have an adverse effect, we would like to discuss possible ways to avoid, minimize or mitigate potential adverse effects.

Area of Potential Effect

The proposed project involves construction of an approximately 3,200 square foot open air pavilion structure within the southwest corner of the QBG. The QBG is an approximately 39-acre property located at 43-50 Main Street, Flushing, NY 11355. The project site is located in the southeastern region of the park, bounded by College Point Boulevard to the west, and an existing bridge that crosses College Point Boulevard to the south.

Proposed Project Description

The proposed project would involve construction of an open air pavilion on existing park land. The purpose of the Proposed Project is to provide new amenity space in support of the QBG's goals to enhance the visitor's experience of the garden and provide new and expanded opportunities for visitors to explore the garden. The proposed project would also support the QBG's goals to better serve children and families visiting the garden by providing hands-on and interactive learning experiences.

Specific project activities would include the following:

- Site Demolition including Shrub removal, clearing of debris, and topsoil stripping.
- Excavation and grading (shaping and leveling the ground surface) to design specifications, creating utility trenches and establishing drainage slopes.
- Installation of piles for the foundation.
- Foundation construction. Concrete cast in place foundation
- Stage construction: The stage would be a concrete cast in place slab (additional ground disturbance not anticipated but possible). There will also be prefabricated columns that will be installed to complete the structure.
- Installation of water lines for irrigation, and power lines for the stage.
- Final grading, likely an installation of erosion control measures such as a jute mesh, rain garden planting, installation of tall grasses, shrubs, and the installation of a new Katsura tree.
- Installation of bench bump outs for benches will involve minor ground disturbance.

Project activities, along with related actions including the creation of a Kid's Culture Garden and multi-phase education center were previously assessed by the Dormitory Authority of the State of New York (DASNY), as lead agency for the State Environmental Quality Review Act (SEQRA) analysis. This analysis, completed in July of 2021, determined that no potential negative long-term or cumulative impacts or significant adverse environmental impacts were identified in connection with the proposed project or related activities. U.S. Department of Housing and Urban Development (HUD) Community Project Funding (CPF) would not be used for related activities and the proposed project would have independent utility from these actions.

Consultation

The 2021 SEQRA analysis included consultation with the NYC Landmarks Preservation Commission (LPC) and the State Historic Preservation Office (SHPO). As recommended by SHPO, a Phase IA Archaeological Documentary Study was prepared, which indicated that the proposed project was not expected to result in the disturbance of archaeological resources and no further archaeological analysis was recommended (Attachment 3). Based upon these materials, SHPO provided the opinion that no properties, including archaeological and/or historic resources, listed in or eligible for the New York State and National Registers of Historic Places would be impacted by the project (Attachment 4). Additional consultation with SHPO and LPC confirmed that these determinations would also apply to HUD-funded activities.

In the event that human remains or artifacts are discovered during implementation of the proposed project, the State Historic Preservation Office (SHPO) Human Remains Discovery Protocol would be applied (see Attachment 5). As stated by this protocol, work on the proposed project would cease immediately pending consultation with SHPO and other appropriate parties.

We respectfully request the Delaware Nation's review of the proposed project within 30 days of receiving this correspondence or sooner. We value your assistance and look forward to consulting further if there are historic properties of religious and cultural significance to your tribe that may be affected by this project. If you have any concerns about the implementation of the proposed project, please contact me by email at at JacobsJuliet@omb.nyc.gov, by phone at (212) 788-1653, or in writing Juliet Jacobs, 255 Greenwich Street, 8th Floor, New York, NY 10007. Thank you for your time and consideration.

Sincerely,

Juliet Jacobs

Juliet Jacobs
Unit Head - Environmental Review (Community Development)
NYC Office of Management and Budget

enc: Attachment 1: Project Presentation and Site Maps
Attachment 2: Current Photos - 2026
Attachment 3: Phase 1A Archaeological Documentary Study
Attachment 4: SEQRA Consultation
Attachment 5: Human Discoveries Protocol

Jacobs, Juliet

From: Jacobs, Juliet
Sent: Friday, March 13, 2026 11:41 AM
To: 'sbachor@delawaretribe.org'; 'lheady@delawaretribe.org'; bkillscrow@delawaretribe.org; his.pres@delawaretribe.org
Cc: Freeman, Julie; fquintanilla@queensbotanical.org
Subject: Tribal Consultation Request - Queens Botanical Garden Pavilion Project
Attachments: Delaware Tribe of Indians Consultation Letter.pdf; Attachment 1_Project Presentation and Site Maps.pdf; Attachment 2_Current Photos - 2026.pdf; Attachment 3_Phase 1A Archaeological Documentary Study.pdf; Attachment 4_SEQRA Consultation.pdf; Attachment 5_Human Discoveries Protocol.pdf

Hello,

The New York City Office and Budget (NYC OMB) agreed to serve as Responsible Entity for a federal grant to the New York Botanical Garden (please note this is for environmental review purposes only). The project involves ground disturbance of a public park land. I have attached a letter and supplemental materials with additional detail about the project and am seeking your input on whether this activity would have the potential to adversely impact resources that have religious and/or cultural significance to your tribe. If you wish to consult on this project, please let me know no later than April 13, 2026. If you do not wish to consult, I would greatly appreciate you letting me know as soon as possible.

Thanks very much for your time and consideration!

Juliet Jacobs
Unit Head – Environmental (CD)
New York City Mayor's Office of Management & Budget
255 Greenwich Street, 8th Floor
New York, NY 10007
☎ (212) 788-1653
✉ JacobsJuliet@omb.nyc.gov

The City of New York
Office of Management and Budget
255 Greenwich Street, 8th Floor • New York, New York 10007

Date: March 13, 2026

Susan Bachor
Delaware Tribe of Indians
5100 Tuxedo Blvd.
Bartlesville, OK 74006
sbachor@delawaretribe.org

Larry Heady
Delaware Tribe of Indians
125 Dorry Lane
Grants Pass Oregon, OR 97527
lheady@delawaretribe.org

Brad Killscrow
Delaware Tribe of Indians
5100 Tuxedo Blvd.
Bartlesville, OK 74006
bkillscrow@delawaretribe.org

RE: Section 106 Compliance for – Queens Botanical Garden Pavilion Project

To Whom it May Concern,

Pursuant to the Consolidated Appropriations Act of 2024 (Public Law 118-42), the U.S. Department of Housing and Urban Development (HUD) executed a Grant Agreement with the Queens Botanical Garden (QBG) specifying that $500,000 in Community Project Funding (CPF) would be provided for a capital revitalization project. The New York City Office of Management and Budget (OMB) is the entity responsible for compliance with the HUD environmental review procedures set forth in 24 CFR Part 58, including tribal consultation related to historic properties. Historic properties include archeological sites, burial grounds, sacred landscapes or features, ceremonial areas, traditional cultural places and landscapes, plant and animal communities, and buildings and structures with significant tribal association.

OMB will conduct a review of this project to comply with Section 106 of the National Historic Preservation Act and its implementing regulations 36 CFR Part 800. We would like to invite you to be a consulting party in this review to help identify historic properties in the project area that may have religious and cultural significance to your tribe, and if such properties exist, to help assess how the project might affect them. If the project might have an adverse effect, we would like to discuss possible ways to avoid, minimize or mitigate potential adverse effects.

Area of Potential Effect

The proposed project involves construction of an approximately 3,200 square foot open air pavilion structure within the southwest corner of the QBG. The QBG is an approximately 39-acre property located

at 43-50 Main Street, Flushing, NY 11355. The project site is located in the southeastern region of the park, bounded by College Point Boulevard to the west, and an existing bridge that crosses College Point Boulevard to the south.

Proposed Project Description

The proposed project would involve construction of an open air pavilion on existing park land. The purpose of the Proposed Project is to provide new amenity space in support of the QBG's goals to enhance the visitor's experience of the garden and provide new and expanded opportunities for visitors to explore the garden. The proposed project would also support the QBG's goals to better serve children and families visiting the garden by providing hands-on and interactive learning experiences.

Specific project activities would include the following:

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Consultation

The 2021 SEQRA analysis included consultation with the NYC Landmarks Preservation Commission (LPC) and the State Historic Preservation Office (SHPO). As recommended by SHPO, a Phase IA Archaeological Documentary Study was prepared, which indicated that the proposed project was not expected to result in the disturbance of archaeological resources and no further archaeological analysis was recommended (Attachment 3). Based upon these materials, SHPO provided the opinion that no properties, including archaeological and/or historic resources, listed in or eligible for the New York State and National Registers of Historic Places would be impacted by the project (Attachment 4). Additional consultation with SHPO and LPC confirmed that these determinations would also apply to HUD-funded activities.

In the event that human remains or artifacts are discovered during implementation of the proposed project, the State Historic Preservation Office (SHPO) Human Remains Discovery Protocol would be applied (see Attachment 5). As stated by this protocol, work on the proposed project would cease immediately pending consultation with SHPO and other appropriate parties.

We respectfully request the Delaware Tribe of Indians review the proposed project within 30 days of receiving this correspondence or sooner. We value your assistance and look forward to consulting further if there are historic properties of religious and cultural significance to your tribe that may be affected by this project. If you have any concerns about the implementation of the proposed project, please contact me by email at at JacobsJuliet@omb.nyc.gov, by phone at (212) 788-1653, or in writing Juliet Jacobs, 255 Greenwich Street, 8th Floor, New York, NY 10007. Thank you for your time and consideration.

Sincerely,

Juliet Jacobs
Unit Head - Environmental Review (Community Development)
NYC Office of Management and Budget

enc: Attachment 1: Project Presentation and Site Maps
Attachment 2: Current Photos - 2026
Attachment 3: Phase 1A Archaeological Documentary Study
Attachment 4: SEQRA Consultation
Attachment 5: Human Discoveries Protocol

Jacobs, Juliet

From: Jacobs, Juliet
Sent: Monday, April 13, 2026 3:52 PM
To: davidmartine@shinnecock.org; adminoffice@shinnecock.org; thpo@shinnecock.org; culturalresources@shinnecock.org
Cc: Freeman, Julie; fquintanilla@queensbotanical.org; Rebecca Wolf
Subject: FW: Tribal Consultation Request - Queens Botanical Garden Pavilion Project
Attachments: Shinnecock Indian Nation Consultation Letter.pdf; Attachment 1_Project Presentation and Site Maps.pdf; Attachment 2_Current Photos - 2026.pdf; Attachment 3_Phase 1A Archaeological Documentary Study.pdf; Attachment 4_SEQRA Consultation.pdf; Attachment 5_Human Discoveries Protocol.pdf

Hello,

I wanted to follow up to ensure we have collected any comments the Shinnecock Indian Nation may have on the proposed Queens Botanical Garden Pavilion Project described in the attached consultation letter. If you wish to consult on this project, please let me know by April 17, 2026. If no comments are received, we will assume there are no concerns with the proposed project.

Thank You!

Juliet Jacobs
Unit Head – Environmental (CD)
New York City Mayor's Office of Management & Budget
255 Greenwich Street, 8th Floor
New York, NY 10007
☎ (212) 788-1653
✉ JacobsJuliet@omb.nyc.gov

From: Jacobs, Juliet
Sent: Friday, March 13, 2026 11:46 AM
To: davidmartine@shinnecock.org; adminoffice@shinnecock.org; thpo@shinnecock.org; culturalresources@shinnecock.org
Cc: Freeman, Julie <FreemanJ@omb.nyc.gov>; fquintanilla@queensbotanical.org
Subject: Tribal Consultation Request - Queens Botanical Garden Pavilion Project

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Thanks very much for your time and consideration!

The City of New York
Office of Management and Budget
255 Greenwich Street, 8th Floor • New York, New York 10007

Date: March 13, 2026

David Martine
Shinnecock Indian Nation
PO Box 5006
Southampton, NY 11968
davidmartine@shinnecock.org

Lisa Goree, Lance Gumbs, Daniel Collins
Council of Trustees
Shinnecock Indian Nation
100 Church Street, Community Center Shinnecock Reservation
Southampton, NY 11968
adminoffice@shinnecock.org

Rachel Valdez
Cultural Resource Department
Shinnecock Indian Nation
P.O. Box 5006
Southhampton, NY 11968
thpo@shinnecock.org;

RE: Section 106 Compliance for – Queens Botanical Garden Pavilion Project

To Whom it May Concern,

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In the event that human remains or artifacts are discovered during implementation of the proposed project, the State Historic Preservation Office (SHPO) Human Remains Discovery Protocol would be applied (see Attachment 5). As stated by this protocol, work on the proposed project would cease immediately pending consultation with SHPO and other appropriate parties.

We respectfully request the Shinnecock Indian Nation's review of the proposed project within 30 days of receiving this correspondence or sooner. We value your assistance and look forward to consulting further if there are historic properties of religious and cultural significance to your tribe that may be affected by this project. If you have any concerns about the implementation of the proposed project, please contact me by email at at JacobsJuliet@omb.nyc.gov, by phone at (212) 788-1653, or in writing Juliet Jacobs, 255 Greenwich Street, 8th Floor, New York, NY 10007. Thank you for your time and consideration.

Sincerely,

Juliet Jacobs
Unit Head - Environmental Review (Community Development)
NYC Office of Management and Budget

enc: Attachment 1: Project Presentation and Site Maps
Attachment 2: Current Photos - 2026
Attachment 3: Phase 1A Archaeological Documentary Study
Attachment 4: SEQRA Consultation
Attachment 5: Human Discoveries Protocol

Jacobs, Juliet

From: Jacobs, Juliet
Sent: Friday, March 13, 2026 11:55 AM
To: thpo@mohican-nsn.gov
Cc: Freeman, Julie; 'fquintanilla@queensbotanical.org'; 'shannon.holsey@mohican-nsn.gov'; wally.miller@mohican-nsn.gov
Subject: Tribal Consultation Request - Queens Botanical Garden Pavilion Project
Attachments: Stockbridge-Munsee Community Consultation Letter.pdf; Attachment 1_Project Presentation and Site Maps.pdf; Attachment 2_Current Photos - 2026.pdf; Attachment 3 _Phase 1A Archaeological Documentary Study.pdf; Attachment 4_SEQRA Consultation.pdf; Attachment 5_Human Discoveries Protocol.pdf

Hello Mr. Bendremer

The New York City Office and Budget (NYC OMB) agreed to serve as Responsible Entity for a federal grant to the New York Botanical Garden (please note this is for environmental review purposes only). The project involves ground disturbance of a public park land. I have attached a letter and supplemental materials with additional detail about the project and am seeking your input on whether this activity would have the potential to adversely impact resources that have religious and/or cultural significance to your tribe. If you wish to consult on this project, please let me know no later than April 13, 2026. If you do not wish to consult, I would greatly appreciate you letting me know as soon as possible.

Thanks very much for your time and consideration!

Juliet Jacobs
Unit Head – Environmental (CD)
New York City Mayor's Office of Management & Budget
255 Greenwich Street, 8th Floor
New York, NY 10007
☎ (212) 788-1653
✉ JacobsJuliet@omb.nyc.gov

The City of New York
Office of Management and Budget
255 Greenwich Street, 8th Floor • New York, New York 10007

Date: March 13, 2026

Jeffrey C Bendremer Ph.D., RPA
Tribal Historic Preservation Officer
Stockbridge-Munsee Community
Tribal Historic Preservation Extension Office
86 Spring Street
Williamstown, MA 01267
Email: thpo@mohican-nsn.gov

RE: Section 106 Compliance for – Queens Botanical Garden Pavilion Project

Dear Mr. Bendremer,

Pursuant to the Consolidated Appropriations Act of 2024 (Public Law 118-42), the U.S. Department of Housing and Urban Development (HUD) executed a Grant Agreement with the Queens Botanical Garden (QBG) specifying that $500,000 in Community Project Funding (CPF) would be provided for a capital revitalization project. The New York City Office of Management and Budget (OMB) is the entity responsible for compliance with the HUD environmental review procedures set forth in 24 CFR Part 58, including tribal consultation related to historic properties. Historic properties include archeological sites, burial grounds, sacred landscapes or features, ceremonial areas, traditional cultural places and landscapes, plant and animal communities, and buildings and structures with significant tribal association.

OMB will conduct a review of this project to comply with Section 106 of the National Historic Preservation Act and its implementing regulations 36 CFR Part 800. We would like to invite you to be a consulting party in this review to help identify historic properties in the project area that may have religious and cultural significance to your tribe, and if such properties exist, to help assess how the project might affect them. If the project might have an adverse effect, we would like to discuss possible ways to avoid, minimize or mitigate potential adverse effects.

Area of Potential Effect

The proposed project involves construction of an approximately 3,200 square foot open air pavilion structure within the southwest corner of the QBG. The QBG is an approximately 39-acre property located at 43-50 Main Street, Flushing, NY 11355. The project site is located in the southeastern region of the park, bounded by College Point Boulevard to the west, and an existing bridge that crosses College Point Boulevard to the south.

Proposed Project Description

The proposed project would involve construction of an open air pavilion on existing park land. The purpose of the Proposed Project is to provide new amenity space in support of the QBG's goals to enhance the visitor's experience of the garden and provide new and expanded opportunities for visitors to

explore the garden. The proposed project would also support the QBG's goals to better serve children and families visiting the garden by providing hands-on and interactive learning experiences.

Specific project activities would include the following:

- Site Demolition including Shrub removal, clearing of debris, and topsoil stripping.
- Excavation and grading (shaping and leveling the ground surface) to design specifications, creating utility trenches and establishing drainage slopes.
- Installation of piles for the foundation.
- Foundation construction. Concrete cast in place foundation
- Stage construction: The stage would be a concrete cast in place slab (additional ground disturbance not anticipated but possible). There will also be prefabricated columns that will be installed to complete the structure.
- Installation of water lines for irrigation, and power lines for the stage.
- Final grading, likely an installation of erosion control measures such as a jute mesh, rain garden planting, installation of tall grasses, shrubs, and the installation of a new Katsura tree.
- Installation of bench bump outs for benches will involve minor ground disturbance.

Project activities, along with related actions including the creation of a Kid's Culture Garden and multi-phase education center were previously assessed by the Dormitory Authority of the State of New York (DASNY), as lead agency for the State Environmental Quality Review Act (SEQRA) analysis. This analysis, completed in July of 2021, determined that no potential negative long-term or cumulative impacts or significant adverse environmental impacts were identified in connection with the proposed project or related activities. U.S. Department of Housing and Urban Development (HUD) Community Project Funding (CPF) would not be used for related activities and the proposed project would have independent utility from these actions.

Consultation

The 2021 SEQRA analysis included consultation with the NYC Landmarks Preservation Commission (LPC) and the State Historic Preservation Office (SHPO). As recommended by SHPO, a Phase IA Archaeological Documentary Study was prepared, which indicated that the proposed project was not expected to result in the disturbance of archaeological resources and no further archaeological analysis was recommended (Attachment 3). Based upon these materials, SHPO provided the opinion that no properties, including archaeological and/or historic resources, listed in or eligible for the New York State and National Registers of Historic Places would be impacted by the project (Attachment 4). Additional consultation with SHPO and LPC confirmed that these determinations would also apply to HUD-funded activities.

In the event that human remains or artifacts are discovered during implementation of the proposed project, the State Historic Preservation Office (SHPO) Human Remains Discovery Protocol would be applied (see Attachment 5). As stated by this protocol, work on the proposed project would cease immediately pending consultation with SHPO and other appropriate parties.

We respectfully request the Stockbridge-Munsee Community's review of the proposed project within 30 days of receiving this correspondence or sooner. We value your assistance and look forward to consulting further if there are historic properties of religious and cultural significance to your tribe that may be affected by this project. If you have any concerns about the implementation of the proposed project, please contact me by email at at JacobsJuliet@omb.nyc.gov, by phone at (212) 788-1653, or in writing Juliet Jacobs, 255 Greenwich Street, 8th Floor, New York, NY 10007. Thank you for your time and consideration.

Sincerely,

Juliet Jacobs
Unit Head - Environmental Review (Community Development)
NYC Office of Management and Budget

enc: Attachment 1: Project Presentation and Site Maps
Attachment 2: Current Photos - 2026
Attachment 3: Phase 1A Archaeological Documentary Study
Attachment 4: SEQRA Consultation
Attachment 5: Human Discoveries Protocol

QUEENS BOTANICAL GARDEN

PAVILION

12.17.24

BKSK

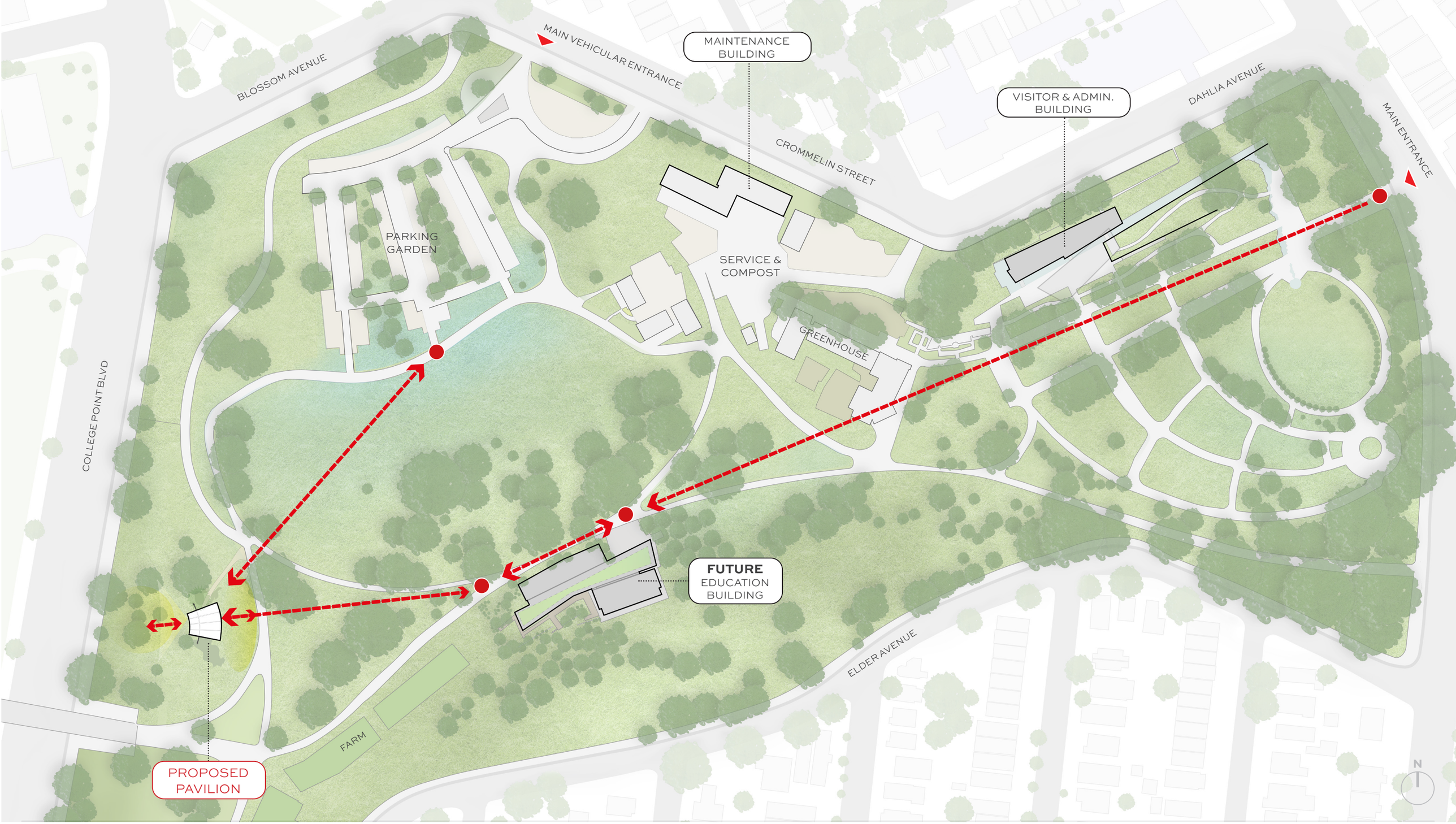
RKLA Studio
LANDSCAPE ARCHITECTURE

Silman

Queens Botanical Garden

NYC Cultural Affairs

NYC Parks



PROPOSED SITE VISIBILITY

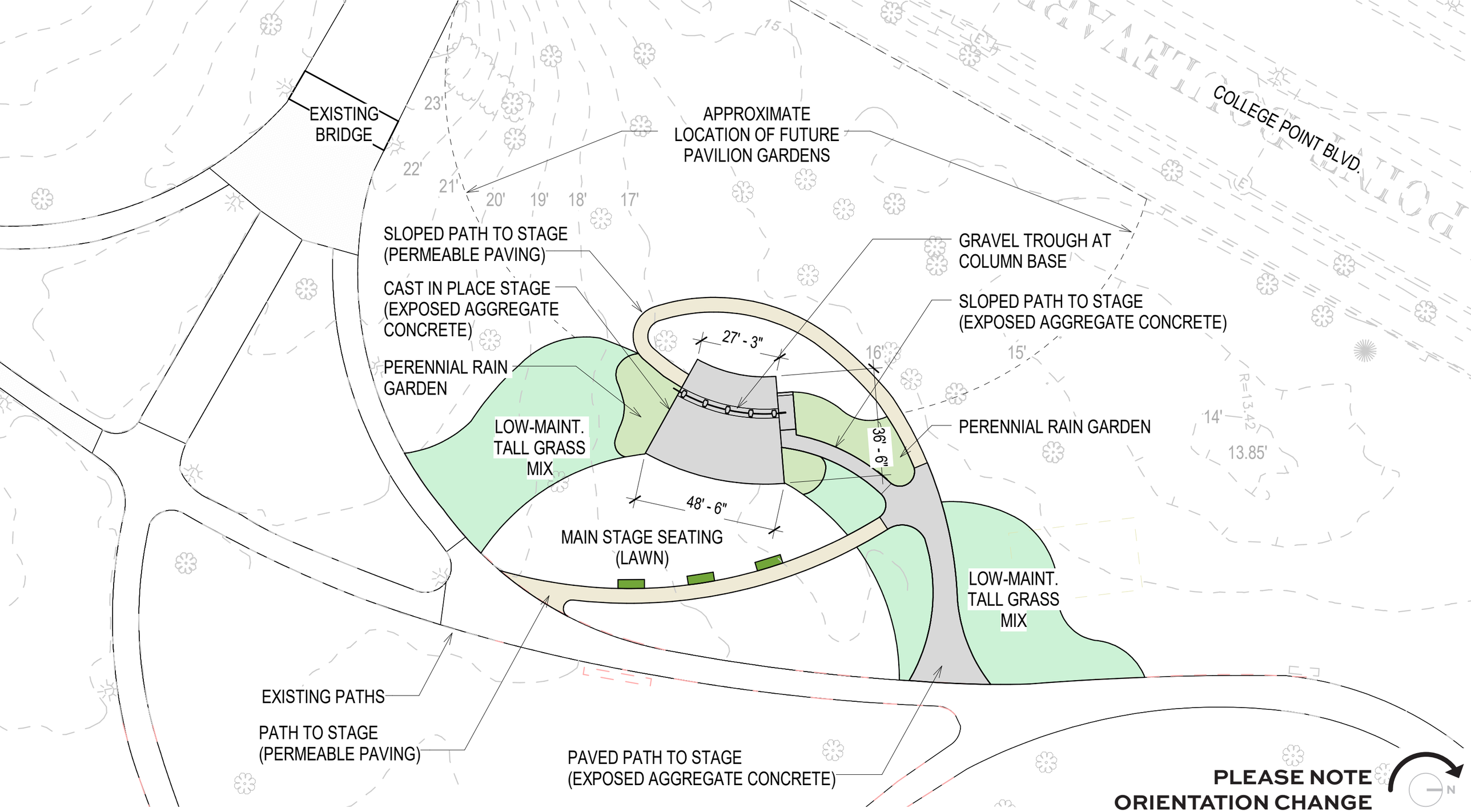
QBG PAVILION

BKSK RKLA Studio LANDSCAPE ARCHITECTURE Silman Queens Botanical Garden NYC Cultural Affairs NYC Parks

PROPOSED SITE ACCESS

QBG PAVILION

BKSK RKLA Studio LANDSCAPE ARCHITECTURE Silman Queens Botanical Garden NYC Cultural Affairs NYC Parks



PROPOSED SITE PLAN

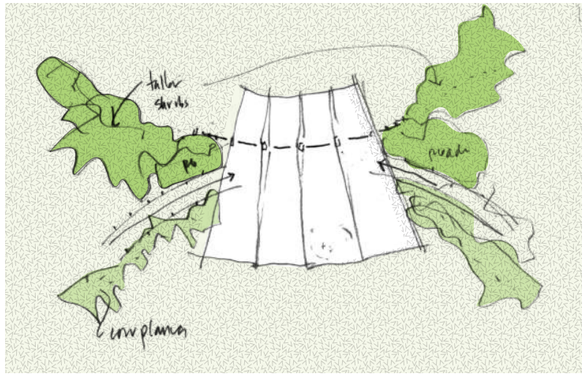
QBG PAVILION

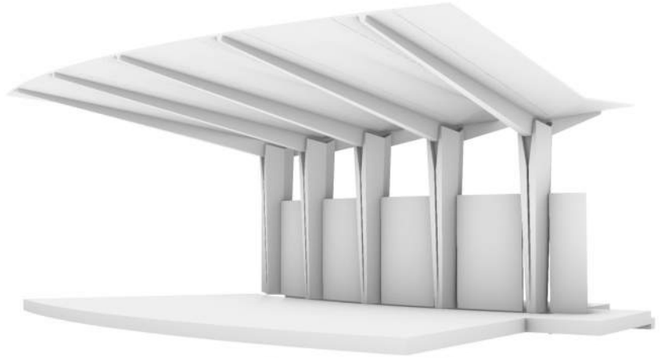
BKSK RKLA Studio LANDSCAPE ARCHITECTURE Silman Queens Botanical Garden NYC Cultural Affairs NYC Parks

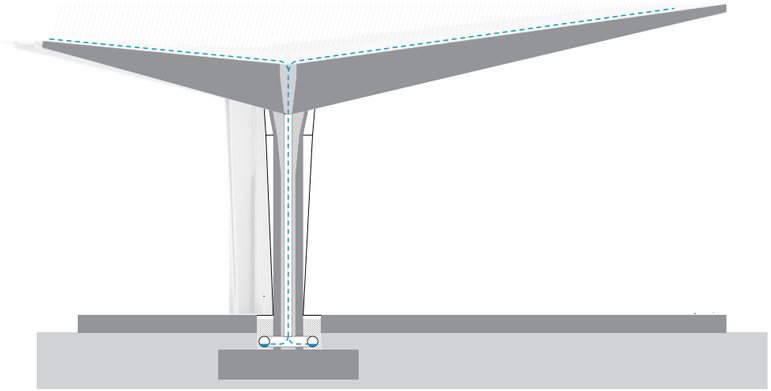
VIEW OF THE MAIN STAGE

QBG PAVILION

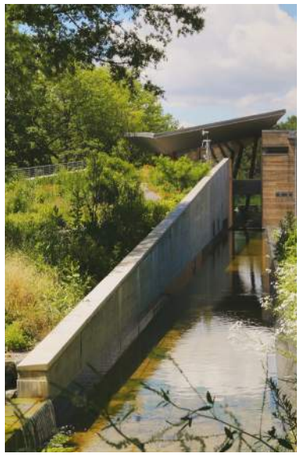
BKSK RKLA Studio LANDSCAPE ARCHITECTURE Silman Queens Botanical Garden NYC Cultural Affairs NYC Parks







DUCTAL UHPC

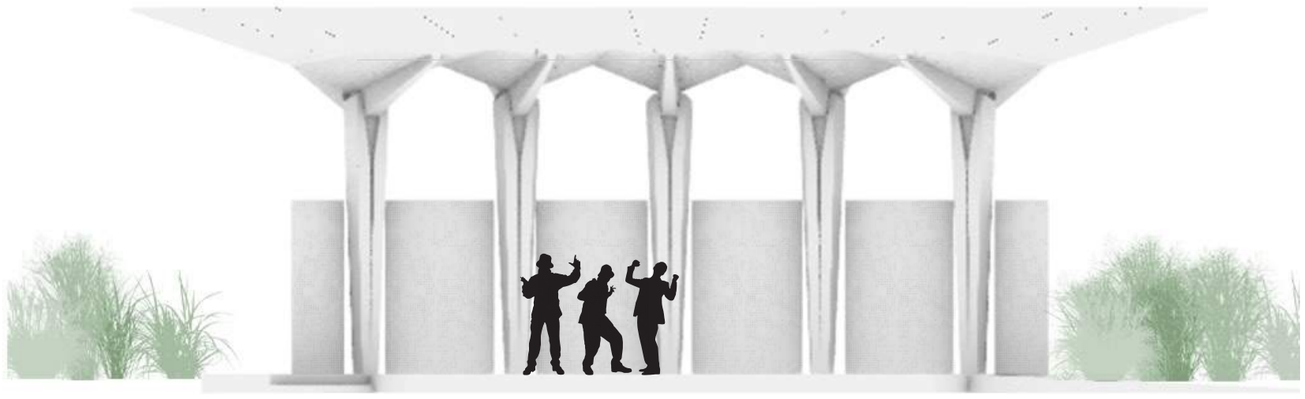


- each structure features a welcoming roof / folded roofs are in dialog with each other
- material choices are in response to site conditions and programmatic requirements: concrete, wood and steel
- on-site water management is integral to each structure
- each structure integrates and frames a landscape

BKSK RKLA Studio LANDSCAPE ARCHITECTURE Silman Queens Botanical Garden NYC Cultural Affairs NYC Parks

MAIN STAGE ELEVATION

SIDE ELEVATION



BACK STAGE / GATHERING ELEVATION

ELEVATIONS

QBG PAVILION

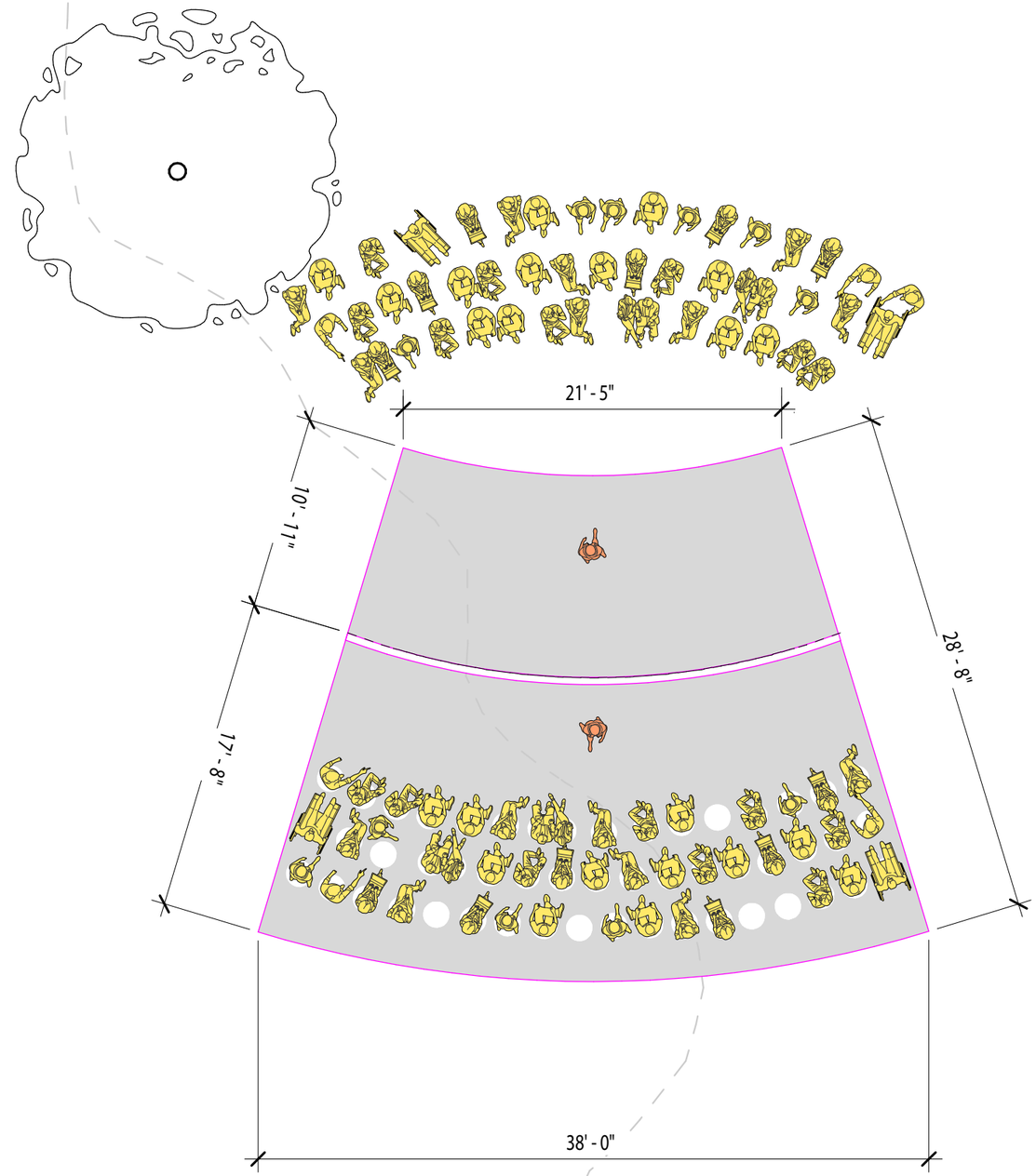
BKSK RKLA Studio LANDSCAPE ARCHITECTURE Silman Queens Botanical Garden NYC Cultural Affairs NYC Parks

FOOTPRINT SIZING_38'_NEW PROPOSED

QBG PAVILION

1/32" = 1'-0"
Project Number: 2218
07.01.2024

BKSK



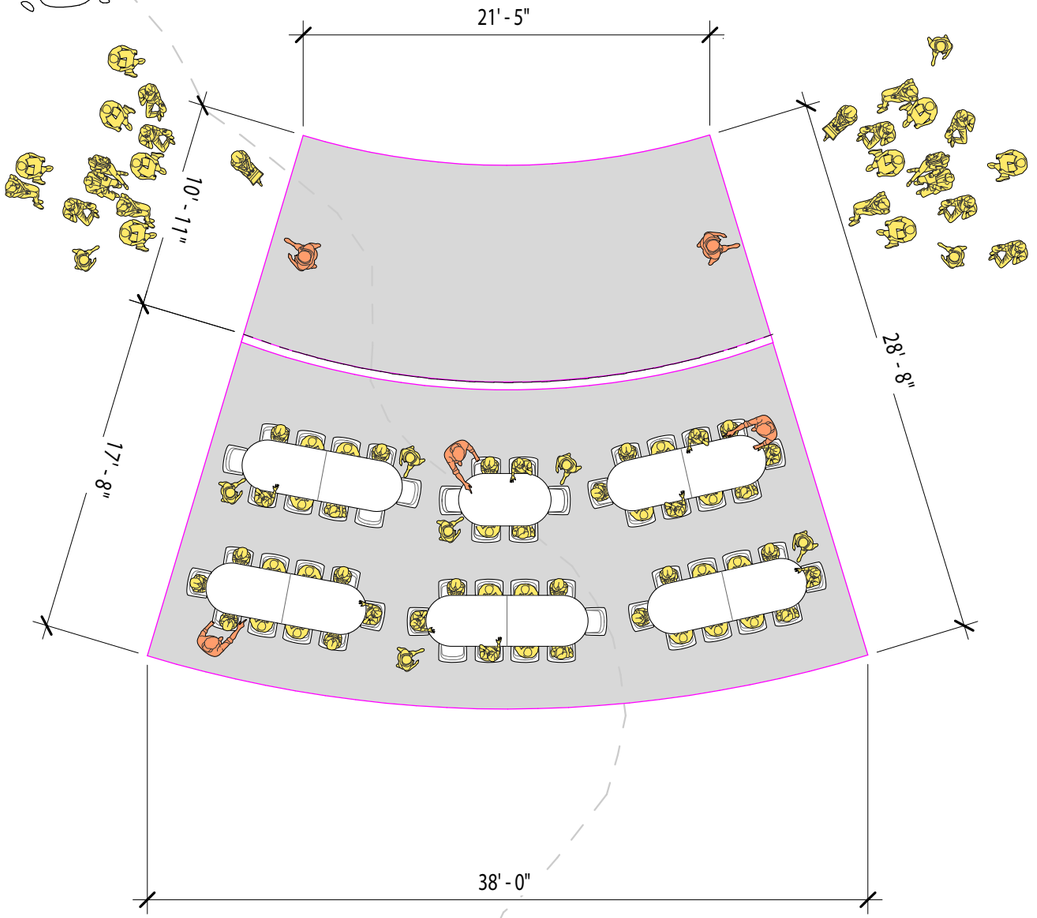
FOOTPRINT SIZING_38'_NEW PROPOSED_A

QBG PAVILION

10

1/8" = 1'-0"
Project Number: 2218
07.01.2024

BKSK



COUNT OF PEOPLE IN PAVILION: 50-55

FOOTPRINT SIZING_38'_NEW PROPOSED_B

QBG PAVILION

1/8" = 1'-0"
Project Number: 2218
07.01.2024

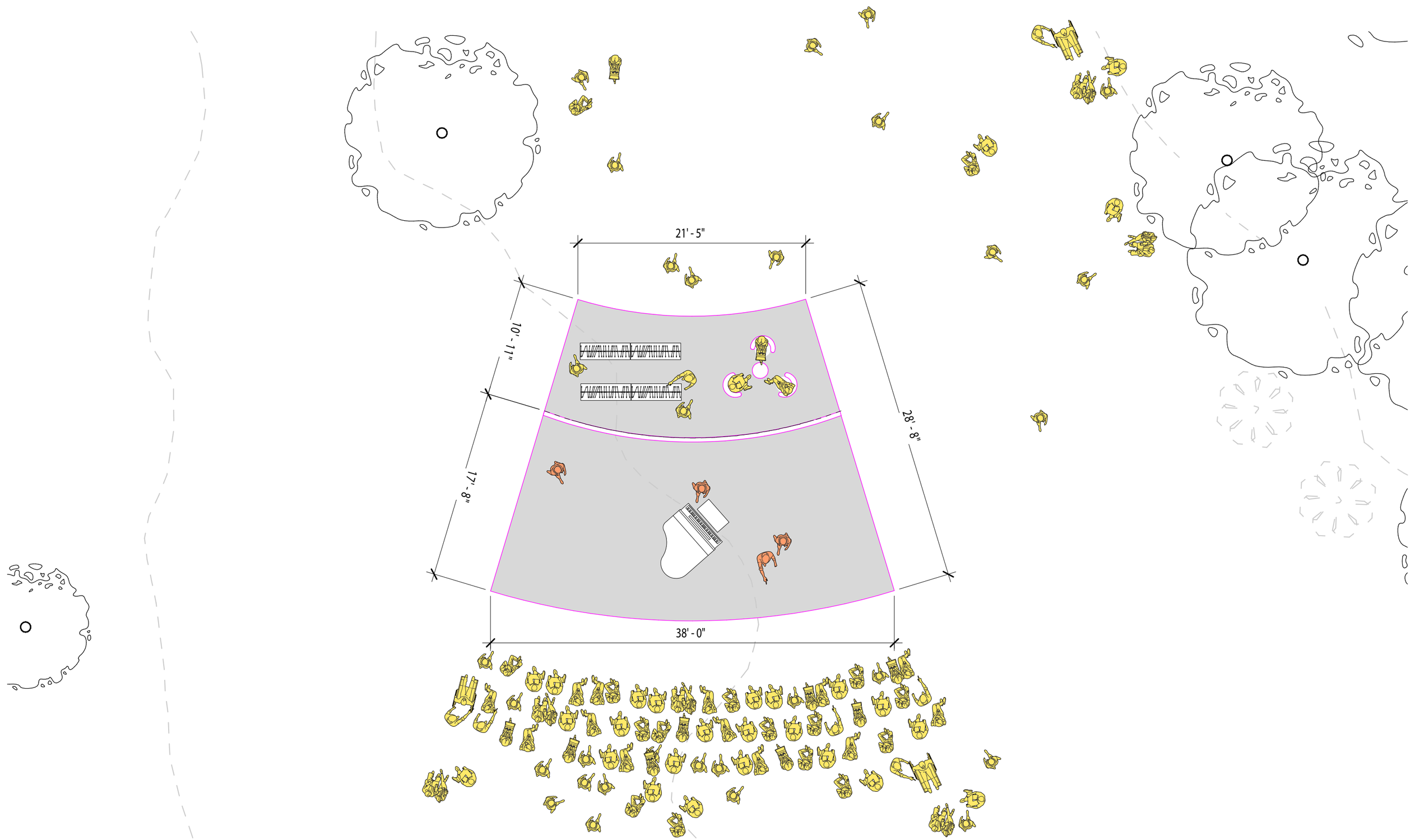
BKSK

FOOTPRINT SIZING_38'_NEW PROPOSED_C

QBG PAVILION

1/8" = 1'-0"
Project Number: 2218
07.01.2024

BKSK



FOOTPRINT SIZING_38'_NEW PROPOSED_D

QBG PAVILION

13

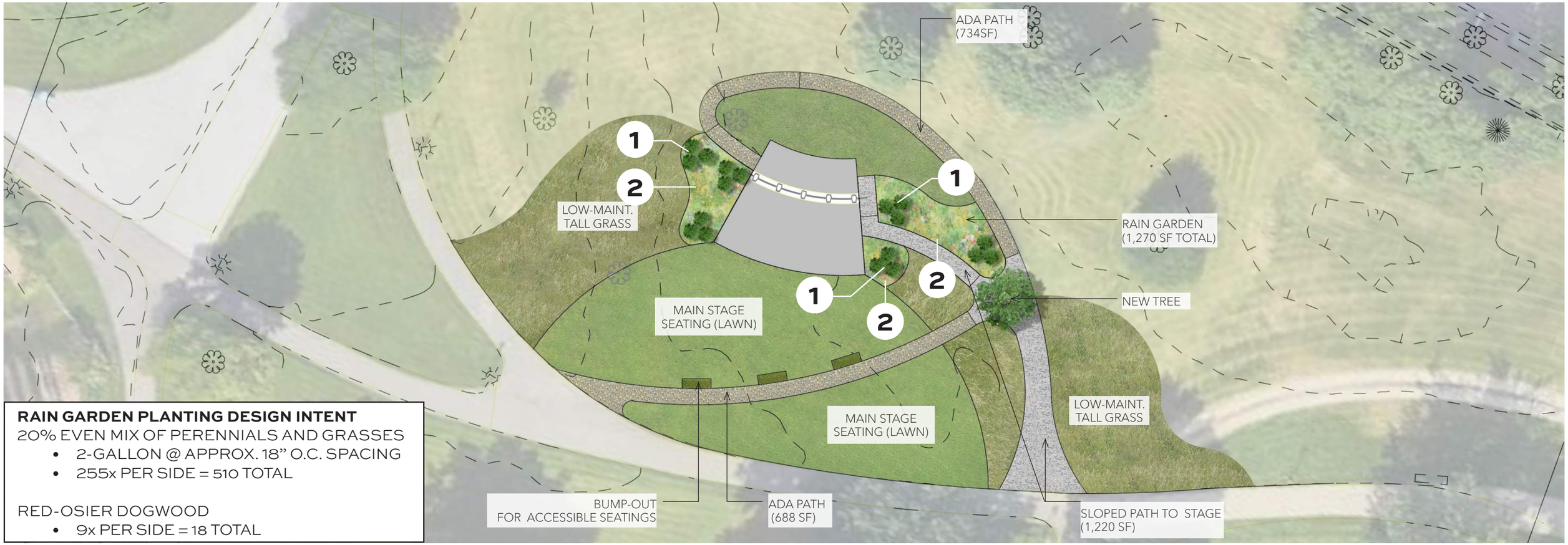
1/8" = 1'-0"
Project Number: 2218
07.01.2024

BKSK

LANDSCAPE PLAN

QBG PAVILION

BKSK RKLA Studio LANDSCAPE ARCHITECTURE Silman Queens Botanical Garden NYC Cultural Affairs NYC Parks



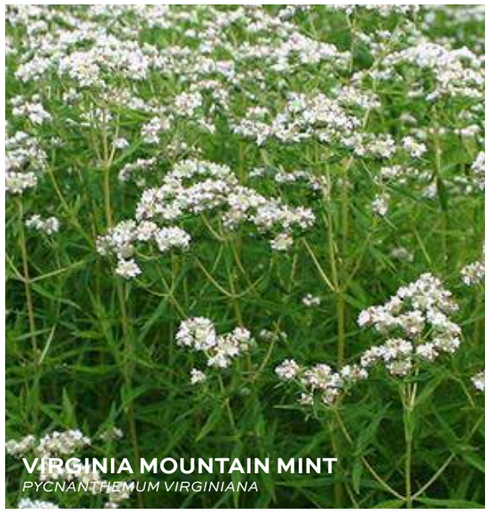
RAIN GARDEN PLANTING DESIGN INTENT

20% EVEN MIX OF PERENNIALS AND GRASSES

- 2-GALLON @ APPROX. 18" O.C. SPACING
- 255x PER SIDE = 510 TOTAL

RED-OSIER DOGWOOD

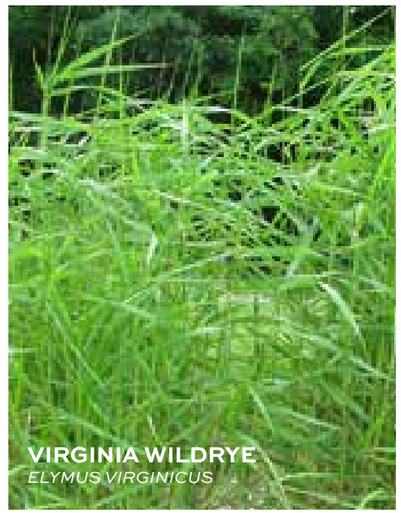
- 9x PER SIDE = 18 TOTAL



LANDSCAPE PLAN - PERENNIALS / GRASSES AT RAIN GARDEN

QBG PAVILION

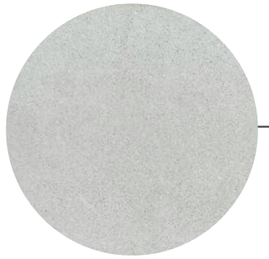
BKSK RKLA Studio LANDSCAPE ARCHITECTURE Silman Queens Botanical Garden NYC Cultural Affairs NYC Parks



LANDSCAPE PLAN - LOW-MAINTENANCE GRASS MIX AND NEW TREE

QBG PAVILION

DUCTAL UHPC



CANOPY AND COLUMNS

EXPOSED AGGREGATE CONCRETE

STAGE

EXPOSED AGGREGATE CONCRETE

AND

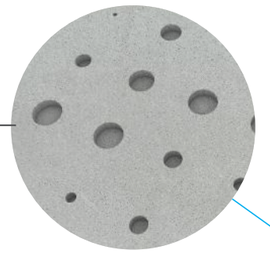
PERMEABLE PAVING

PATHS

RIVER ROUNDS

COLUMN BASE TRENCH

PERFORATED PANELS



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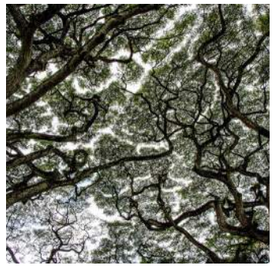

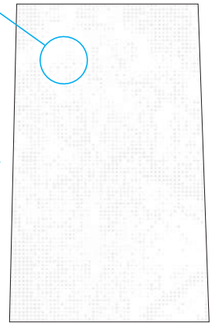

BIOPHILIC IMAGERY

BKSK RKLA Studio LANDSCAPE ARCHITECTURE Silman Queens Botanical Garden NYC Cultural Affairs NYC Parks

View Facing Northwest

View Facing West

View Facing Southwest

Open Air Pavilion and Kids Culture Garden at the Queens Botanical Garden

43-50 Main Street (Block 5107, Lot 200)

KISSENA PARK, FLUSHING, QUEENS COUNTY, NEW YORK

Phase 1A Archaeological Documentary Study

Prepared for:

Dormitory Authority of the State of New York (DASNY)
One Penn Plaza, 52nd Floor
New York, New York 10119-0098

Prepared by:

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

FEBRUARY 2021 (REVISED March 2021)

Management Summary

NYSOPRHP Project Review Number: 21PR00293

Involved Agencies: Dormitory Authority of the State of New York (DASNY)

Phase of Survey: Phase 1A Documentary Study

Location Information

Location: Flushing, New York
Minor Civil Division: 08101
County: Queens County

Survey Area, Open Air Pavilion

Length: Approximately 500 feet
Width: Approximately 175 feet
Area: 1.7 acres (73,000 square feet)

Survey Area, Kids Culture Garden

Length: Approximately 160 feet
Width: Approximately 350 feet
Area: 1 acres (45,000 square feet)

USGS 7.5 Minute Quadrangle Map: Flushing and Jamaica

Report Author: Elizabeth D. Meade, PhD, RPA

Date of Report: February 2021, Revised March 2021

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Chapter 1: Introduction and Methodology

A. INTRODUCTION AND PROJECT DESCRIPTION

The Queens Botanical Garden Society, Inc. ("Queens Botanical Garden" or "QBG") is proposing to construct improvements on the QBG grounds within Kissena Park in the Flushing neighborhood of Queens, New York (see **Figure 1**). The QBG is an approximately 39-acre property located on Block 5107, Lot 200 in the Flushing neighborhood in the borough of Queens, Queens County, New York. The QBG is located at 43-50 Main Street and is bounded by Main Street to the east; Elder Avenue, 133rd Street, and Booth Memorial Avenue to the south; College Point Boulevard to the west; and Blossom and Dahlia Avenues and Crommelin Street to the north Project Site. The Proposed Project would provide the QBG with new garden amenities that would support the QBG's sustainability initiatives while enhancing the visitor experience of the garden, including opportunities for hands-on experiences for children visiting the garden.

The Dormitory Authority of the State of New York ("DASNY") has received a funding request from QBG for its *Open Air Pavilion and Kids Culture Garden* as part of the Community Capital Assistance Program ("CCAP") and/or the State and Municipal Facilities Program "SAM") (DASNY project #8140). The Proposed Action would involve DASNY's authorization of the expenditure of CCAP and/or SAM program bond proceeds for the Proposed Project as described below. The grant funding would be used for the design and construction of an open air pavilion with composting toilets, and a kids culture garden ("the Proposed Project"). The open air pavilion would provide approximately 3,200 square feet ("sf") of covered space that is envisioned to be used for educational programs for children and adults and for professional development for teachers. The approximately 0.5-acre kids culture garden would provide hands-on learning opportunities. The Proposed Project is part of a multi-phase Education Center that will also include an approximately 13,000-gross-square-foot ("gsf") Education Building. The Education Building is currently in design and undergoing a separate environmental assessment.

The Project Site therefore includes two non-contiguous locations within the QBG: 1) the open air pavilion site is located in the southwest portion of the QBG and 2) the kids culture garden site is located in the south-central portion of the QBG (see **Figure 2**). The construction of the open air pavilion will require site clearing and the installation of piles to support a structural slab for the base of the pavilion. The kids culture garden would include woodlands, a garden, and water play areas. Both locations are grassy, unprogrammed open areas that are landscaped with small, mature, and common trees.

B. PROPOSED ACTION AND REQUIRED APPROVALS

The land on which the QBG is located is mapped parkland owned by the City of New York and receives funding through the Office of the Mayor of New York, the New York City Council, and the Office of the Queens Borough President, with most City funding issued through the New York City Department of Cultural Affairs ("NYCDCLA"). In addition, the QBG receives New York State funding through New York State Office of Parks, Recreation and Historic Preservation ("NYSOPRHP"). The QBG is under the jurisdiction of NYCDCLA. The QBG capital projects must receive approval from the New York City Department of Parks and Recreation ("NYC Parks"). Approval from the New York City Public Design Commission ("NYCPDC") is also required because the QBG is on City-owned property. The Proposed Project is therefore being reviewed pursuant to the *State Environmental Quality Review Act ("SEQRA")*, codified at Article 8 of the *New York Environmental Conservation Law ("ECL"),* and its implementing regulations, promulgated at Part 617 of Title 6 of the *New York Code, Rules and Regulations ("N.Y.C.R.R."),* which collectively contain the requirements for the *State Environmental Quality Review ("SEQR")* process. The environmental review of the Open Air Pavilion and Kids Culture Garden project ("Proposed Project") follows *SEQRA*, and the New York *City Environmental Quality Review ("CEQR") Technical Manual* generally is used as a guide with respect to environmental analysis methodologies and impact criteria for evaluating the Proposed Project.[1] For purposes of *SEQR*, the Proposed Action would consist of DASNY's authorization of the issuance of the grant funding to the QBG.

The Proposed Project is also being reviewed in conformance with the *New York State Historic Preservation Act of 1980 ("SHPA")*, specifically the implementing regulations of Section 14.09 of the *Parks, Recreation and Historic Preservation Law ("PRHPL")*, as well as with the requirements of the Memorandum of Understanding ("MOU"), dated March 18, 1998, between DASNY and the New York State Office of Parks, Recreation, and Historic Preservation (NYSOPRHP).

Pursuant to these regulations, consultation was initiated with NYSOPRHP regarding the Project Site's potential archaeological sensitivity. In a comment letter dated January 20, 2021, NYSOPRHP determined that the Project Site is potentially archaeologically sensitive and requested that a Phase 1A Literature Search and Sensitivity Assessment (also known as a "Phase 1A Archaeological Documentary Study" or "Phase 1A Study") be prepared to further assess areas of archaeological sensitivity within the Project Site. Specifically, NYSOPRHP stated that the site was in close proximity to New York State Museum ("NYSM") archaeological site number 4524, which was reported to include precontact archaeological resources and human remains potentially associated with military activity in the area during the Revolutionary War. This Phase 1A Study has been prepared to satisfy these comments.

[1] The City of New York, Mayor's Office of Environmental Coordination, *CEQR Technical Manual,* 2020.

C. RESEARCH GOALS AND METHODOLOGY

The Phase 1A Study of the QBG Project Site has been designed to satisfy the requirements of NYSOPRHP and it also follows the guidelines of the New York Archaeological Council ("NYAC"). The study documents the development history of the Project Site and its potential to yield archaeological resources, including both precontact and historic period cultural resources. This Phase 1A Study has four major goals: (1) to determine the likelihood that the Project Site was occupied during the precontact (Native American) and/or historic periods; (2) to determine the effect of subsequent development and landscape alteration on any potential archaeological resources that may have been located within the Project Site; (3) to make a determination of the Project Site's potential archaeological sensitivity; and (4) to make recommendations for further archaeological analysis, if necessary. The steps taken to fulfill these goals are explained in greater detail below.

The first goal of this documentary study is to determine the likelihood that the Project Site was inhabited during the precontact and/or historic periods, and identify any activities that may have taken place in the vicinity that would have resulted in the deposition of archaeological resources.

The second goal of this Phase 1A Study is to determine the likelihood that archaeological resources could have survived intact within the Project Site after development and landscape alteration (e.g., erosion, grading, filling, etc.). Potential disturbance associated with grading, utility installation, and other previous development-related impacts was also considered. As described by NYAC in their *Standards for Cultural Resource Investigations and the Curation of Archaeological Collections in New York State*, published in 1994 and subsequently adopted by NYSOPRHP:

> *An estimate of the archaeological sensitivity of a given area provides the archaeologist with a tool with which to design appropriate field procedures for the investigation of that area. These sensitivity projections are generally based upon the following factors: statements of locational preferences or tendencies for particular settlement systems, characteristics of the local environment which provide essential or desirable resources (e.g., proximity to perennial water sources, well-drained soils, floral and faunal resources, raw materials, and/or trade and transportation routes), the density of known archaeological and historical resources within the general area, and the extent of known disturbances which can potentially affect the integrity of sites and the recovery of material from them* (NYAC 1994: 2).

The third goal of this study is to make a determination of the Project Site's archaeological sensitivity. As stipulated by the NYAC standards, sensitivity assessments should be categorized as low, moderate, or high to reflect "the likelihood that cultural resources are present within the project area" (NYAC 1994: 10). For the purposes of this study, those terms are defined as follows:

- Low: Areas of low sensitivity are those where the original topography would suggest that Native American sites would not be present (i.e., locations at great distances from fresh and salt water resources), locations where no historic period activity occurred before the installation of municipal water and sewer networks, or those locations determined to be sufficiently disturbed so that archaeological resources are not likely to remain intact.
- Moderate: Areas with topographical features that would suggest Native American occupation, documented historic period activity, and with some disturbance—but not enough to eliminate the possibility that archaeological resources are intact on the project site.
- High: Areas with topographical features that would suggest Native American occupation, documented historic period activity, and minimal or no documented disturbance.

As mentioned above, the fourth goal of this study is to make recommendations for additional archaeological investigations where necessary. According to NYAC standards, Phase 1B testing is generally warranted for areas determined to have moderate sensitivity or higher. Archaeological testing is designed to determine the presence or absence of archaeological resources that could be impacted by a proposed project. Should they exist on the Project Site, such archaeological resources could provide new insight into the precontact occupation Queens, the transition from Native American occupation to European colonization, or the historic period occupation of the Project Site.

To satisfy the goals as outlined above, documentary research was completed to establish a chronology of the Project Site's development, landscape alteration, and to identify any individuals who may have owned the land or worked and/or resided there, and to determine if buildings were present there in the past. Data was gathered from various published and unpublished primary and secondary resources, such as historic maps; topographical analyses (both modern and historical); historical and current photographs (including aerial imagery); newspaper articles; local histories; and previously conducted archaeological surveys. These published and unpublished resources were consulted at various repositories, including the Main Research Branch of the New York Public Library (including the Local History and Map Divisions), the Library of Congress, the New York City Municipal Archives, and the Queens Public Library Archives. Previously identified archaeological sites and previously conducted archaeological resources in the vicinity were collected from the files of NYSOPRHP, NYSM, and the New York City Landmarks Preservation Commission ("NYCLPC"). Information on previously identified archaeological sites and previous cultural resources assessments was accessed through the New York State Cultural Resource Information System (CRIS) maintained by NYSOPRHP.[1] Online

[1] https://cris.parks.ny.gov

textual archives, such as Google Books and the Internet Archive Open Access Texts, were also accessed.

Chapter 2: Environmental and Physical Settings

A. CURRENT CONDITIONS

The two sections of the Project Site are currently undeveloped, landscaped areas. The location of the proposed open air pavilion is generally level with a slight rise upward to the south (see **Photographs 1** through **3** on **Figure 3A**). Paved pathways and a haul road extend through and around this portion of the Project Site. The site of the kids culture garden is also situated in a generally level area north of a steep hill that rises up to the south and leads to Elder Avenue (see **Photographs 4** through **6** on **Figure 3B**). Both portions of the Project Site are grassy lawns with some trees or other landscaping elements.

B. GEOLOGY AND TOPOGRAPHY

The Borough of Queens is located within a geographical region known as the Atlantic Coastal Plain Physiographic Province. The Atlantic Coastal Plain, which includes all of Long Island, tends to include flat, gently sloping land (Isachsen, et al. 2000). Glacial till characterizes the surficial geology of the site (Cadwell 1989). The till in the western portion of the Project Site is specifically associated with the Monmouth Group, a combination of silty clay and gravel dating while the till in the eastern portion is associated with the Raritan Formation, composed of clay, silty clay, sand, and gravel (Fisher, et al. 1980). Both till types date to the Upper Cretaceous Period of the Mesozoic Era, which lasted between approximately 97 and 66 million years ago (Fisher, et al. 1980; Isachsen, et al. 2000). This till was deposited by the massive glaciers that retreated from the area towards the end of the Pleistocene 1.6 million years before present ("BP") to approximately 10,000 years BP. There were four major glaciations that affected New York City, culminating approximately 12,000 years ago with the end of the Wisconsin period. During the ice age, a glacial moraine bisected Long Island, running in a northeast-southwest direction through the center of what is now the borough of Queens (Isachsen, et al. 2000). The Project Site is situated to the north of the Terminal Moraine, the ridge of hills that runs through central Queens marking the southernmost extent of the glacial advancement.

In addition to the deposition of till, the retreating glaciers also left behind a trail of melting ice and water, resulting in the formations of wetlands and small bodies of water across the region. Between 12,000 and 6,000 years BP, sea levels fluctuated, followed by a rapid rise in sea levels, reaching their current state by approximately 3,000 years ago (Geoarcheological Research Associates 2007). As seen on the 1891 United States Geological Survey ("USGS")

maps of the area (see **Figure 4**), the Project Site was historically included in an inundated marsh associated with the larger wetland network known as Flushing Meadows.

The 1891 maps indicate that the elevation of the area was at sea level. Modern Lidar elevation data recorded by USGS in 2013 indicates that the site of the open air pavilion is situated at an elevation of 18 to 24 feet relative to the North American Vertical Datum of 1988 ("NAVD88") and the kids culture garden is largely situated between 18 and 22 feet NAVD88, with the steep hill near its southern side rising to elevations of 32 feet or more. Both portions of the Project Site include a slight rise to the south, and the areas of slightly higher elevation may overlap with areas of fast land as seen on the 1891 USGS maps. The 1891 maps appear to suggest that the elevations of these fast land areas was less than 20 feet above sea level in both locations. This appears to suggest that the majority of the Project Site contains between 18 and 24 feet of fill deposits and that additional fill deposits are expected to overlie the former areas of dry land at the southern boundary of the Project Site.

C. HYDROLOGY

A small creek known as either "Kissena Creek," "Ireland Mill Creek," or "Mill Creek" historically passed through the marshes through and in the vicinity of the Project Site (Kadinsky 2016). Portions of the creek continue to run through subsurface sewers and culverts throughout Flushing Meadows and Kissena Parks, including beneath the QBG (ibid).

D. SOILS

The Web Soil Survey maintained by the United States Department of Agriculture's Natural Resources Conservation Service[1] indicates that two soil complexes are present within the Project Site. The open air pavilion site is situated in an area where the soils are characterized as the "Laguardia-Ebbets complex." The typical profile of these types of soils includes 0 to 8 inches of "cobbly-artifactual coarse sandy loam" over layers of subsoil characterized as "very cobbly-artifactual coarse sandy loam." These well-drained soils are typically found in level areas with slopes ranging from 0 to 3 percent. The same soils are present within the northern portion of the kids cultural garden portion of the Project Site. The southern part of the kids culture garden portion of the Project Site is characterized by a similar soil complex known as "Laguardia artifactual coarse sandy loam." The typical profile of that soil type is the same as seen to the north; however soils associated with that complex are typically found in areas with 8 to 15 percent slopes.

[1] https://websoilsurvey.sc.egov.usda.gov/

A. PREVIOUSLY IDENTIFIED NATIVE AMERICAN ARCHAEOLOGICAL SITES NEAR THE PROJECT SITE

In general, Native American habitation sites are most often located in coastal areas with access to marine resources, near fresh water sources and areas of high elevation and level slopes (less than 12 to 15 percent) (NYAC 1994). Further indication of the potential presence of Native American activity near a Project Site is indicated by the number of precontact archaeological sites that have been previously identified in the vicinity. Information regarding such previously identified archaeological sites was obtained from various locations including the site files of NYSOPRHP, LPC, NYSM, and from published accounts. Seven sites have been identified within one mile of the Project Site in databases maintained by NYSOPRHP and NYSM (accessed via CRIS) and the Project Site is located within a generalized area of archaeological sensitivity as mapped by NYSOPRHP. These sites are summarized in **Table 3-1**, below.

Table 3-1
Precontact Archaeological Sites in the Vicinity of the Project Site

Site Name/ Number	Site Type	Approximate Distance from Project Site	Other	Source Information
Linnean Garden NYSM Site 4524	Burial Site	Location 1: 150 feet Location 2: 4,100 feet	The site is mapped in two different locations in CRIS; actual location appears to be Location 2	Furman 1875; Parker 1920; Bolton 1922;
Matinecock Settlements NYSM Site 4526	Villages	4,700 feet	Multiple village sites described along coasts of in northern Flushing and Long Island	Parker 1920
NYSM Site 4542	Camp	4,000 feet		Parker 1920
NYSM Site 4544	Camp	1,400 feet		Parker 1920
NYSM Site 4545	Traces of occupation	Overlaps		Parker 1920
New York Hall of Science Precontact Site NYSOPRHP: 08101.011526	Surface finds, possible camp	5,000 feet		
Flushing Friends Meeting House Precontact Site NYSOPRHP: 08101.011370	Woodland-era campsite with projectile points and other lithic artifacts	4,000 feet		

Source: CRIS (https://cris.parks.ny.gov)

The majority of these sites were mapped using descriptions provided by Parker (1920) based on reports from other archaeologists and avocational archaeologists in the late 19th and early 20th centuries. Little is known about these sites and they were not excavated according to modern archaeological standards or ethical guidelines. Two sites were documented through

modern archaeological surveys. The first (NYSOPRHP site 08101.011526) included a surface find—a possible lithic core—on the grounds of the New York Hall of Science nearly one mile west of the Project Site. The other site (NYSOPRHP site 08101.011370) included a small Woodland-period campsite that included projectile points and other precontact lithic artifacts that was documented by archaeologists Eugene Boesch and Jerome Wooden in the location of the Friends Meeting House, which also contains a historic-period cemetery.

THE FLUSHING OR LINNAEAN GARDEN SITE

DESCRIPTION OF THE LINNAEAN GARDEN SITE

The final site, known as the Flushing or Linnaean Garden Site (NYSM site 4524) has been reported to have been located in the vicinity of the Project Site. The site is believed to have been utilized as a "station," or occupation site, with planting fields that were later repurposed as botanical gardens in the historic period, long before the modern QBG was formed (Bolton 1922:182). The CRIS listing for the site is based on the description included in Parker (1920), which describes the site as: "Burial sites yielding 11 skeletons, in the Linnaean Garden in Flushing in 1841. All heads were to the east" (Parker 1920:672). Parker's source for information on the site was historian Gabriel Furman (1875), who described the site and its discovery as follows:

> *In the month of July 1841, eleven human skeletons were unearthed in excavating the ground to run a road through the Linnæn Garden, at Flushing, in Queens County. The place where they were found has been for fifty years used as a horticultural nursery. They were within a circle of thirty feet, their heads all lay to the east, and some nails and musket-balls were found with them. Conjecture has been foiled in speculating upon the circumstances under which they were inhumed* (Furman 1875: 5-6).

A similar narrative was published by historian Benjamin F. Thompson in 1843, only two years after the reported discovery of the remains. Additional similar reports have been repeated in other published works, including Bolton (1922). Fulton's account therefore appears to have been based on Thompson's:

> *In the autumn of 1841, while some persons were employed in excavating the ground, in the grading of Linnæus street, through a part of what was once the Linnæan Gardens, a dozen or more human skeletons were discovered and exhumed almost entire. From the fact of leaden bullets being found among the bones, it seems highly probably that the unfortunate individuals whose relics they were had fallen by an enemy in battle—and from the circumstance that a very considerable British force was stationed here during the Revolutionary war, it is no more reasonable to suppose, these bones may have been the remains of some of our countrymen, or of their opponents, who had fallen in a skirmish with each other* (Thompson 1843 II: 93-94).

THE LOCATION OF THE LINNAEAN GARDEN SITE

The Linnaean Garden site is mapped in CRIS in two different locations. The first is in the immediate vicinity of the Project Site and the second is mapped more than 4,000 feet north of the Project Site. The identification of the second location appears to be the result of research completed by William Roberts of Greenhouse Consultants, Inc. in 1997. Roberts also noted that the NYSOPRHP files indicate that the Linnaean Garden site was in the vicinity of Kissena Park to the east of the Project Site. However, Roberts speculated that the site was mapped in the incorrect location, as the 1873 Beers atlas depicted "Linnaeus Street" in downtown Flushing, in the location of what is now Prince Street north of Main Street. This location is more consistent with the second location of the site as mapped in CRIS more than 4,000 feet north of the site. Innes (1908) and Seyfried (2001) also indicate that the garden was located in the vicinity of modern Prince Street to the north of the Project Site. Smith's 1841 map of Flushing also depicts the garden in this area and depicts the proposed line of Linnaeus Street.

The confusion regarding the site's location appears to be related to the fact that there were multiple garden sites in Flushing during the 19th century, as the neighborhood had a long history as a place where domesticated crops and exotic plants were cultivated (Seyfried 2001). Named after biological classifier Carl Linnaeus, Linnaean gardens were popular precursors to modern botanical gardens in Europe and the Americas in the 18th and 19th centuries (Upsala 2021). An 8-acre "Linnaean Botanic Garden" was established in the Flushing area by William Prince ca. 1750 and was later operated by his children, William Prince, Jr. and Benjamin Prince, known collectively as "William Prince and Sons" (Thompson 1839; Seyfried 2001). The garden was initially noted for its extensive grove of English cherry trees and it later yielded a variety of ornamental trees and other crops as well (Thompson 1839). It was expanded to 24 acres in 1793 and covered more than 60 acres by the late 1830s (ibid). Revolutionary War activity was documented in the vicinity of the garden, as British General William Howe ordered his guards to protect the garden's ample resources after his arrival in Flushing in the summer of 1777 (ibid). It was Howe who gave the Linnaean Gardens its name, having previously been known as Prince's Gardens (Seyfried 2001).

Following the war, William and Benjamin Prince established additional nurseries in Flushing that were later consolidated into a single business (Seyfried 2001). After the Prince family embarked upon a silk business that was ultimately a failure, the nurseries were foreclosed upon in 1851 and later operated by Gabriel Winter operating as "Winter and Company" until 1862 (ibid). William Prince attempted to re-start his horticultural career by opening a new, 51-acre nursery south of 41st Avenue, though the size of the new parcel was significantly reduced following the construction of the a railroad line through the area (ibid). The 1852 Connor map of Queens County (see **Figure 5**) depicts "Prince's Nursery" on a 10-acre parcel situated to the south of the Project Site in an area situated between roads that appear to be precursors to modern Elder Avenue and Booth Memorial Avenue. The map continues to depict the Project Site as almost entirely, if not entirely, covered with marshland. The map continues to depict a small parcel of land in the vicinity of modern Prince and Main Streets north of the Project Site as "Prince's Nursery."

Furthermore, maps appear to indicate that the Project Site continued to be largely occupied by inundated marshland until the early 20th century, making it unlikely that it was the site of any historic-period burials. Therefore, it appears that the site where at least eleven graves were disinterred was more than 4,000 feet north of the Project Site and was unrelated to the Prince's gardens that was established to the south of the Project Site ca. 1851. AKRF notified NYSM of the mapping error and OPRHP has remapped the site in its correct location as OPRHP site 08101.013320.

B. DEVELOPMENT HISTORY OF THE PROJECT SITE

As described previously, the Project Site remained inundated marshland until the early 20th century. The 1891 Wolverton and 1904 Ullitz atlases continue to depict a creek running through a portion of what is now the QBG. Wolverton's atlas depicts a mill to the southwest of what is now the QBG, which appears to have given the adjacent creek its name. The Ullitz map also suggests that the areas of tidal marsh were divided into large privately-owned tracts that were presumably associated with salt hay farming and cultivation. The 1909 Bromley atlas of Queens (see **Figure 6**) depicts the Project Site in the same manner, though it reflects greater urban development surrounding the Project Site, including to the south of modern Elder Avenue. The map also identifies the stream in the vicinity of the Project Site as "Mill Creek." Sanborn maps published in 1917 and a 1924 aerial photograph taken by the City of New York[1] indicate that the creek and surrounding marshes were still present. The 1917 Sanborn map indicates that some residential development occurred by this time along the northern side of Elder Avenue within the modern QBG property but outside of the Project Site, which was still inundated by Mill Creek and its associated marshlands.

The dramatic transformation of the Flushing Meadows area occurred in the 1930s in preparation for the 1939 World's Fair. The fairgrounds extended as far east as College Point Boulevard, the western boundary of the modern QBG (Cotter 2009). Though it was situated east of the fairgrounds, modern Kissena Park, including the QBG, was filled at the same time.[2] A portion of the fairgrounds that had been filled and landscaped as part of the "Gardens on Parade" exhibit was transformed into the first site of the QBG after the fair concluded (ibid). Though the 1951 Sanborn map continues to depict Kissena Creek running through the Project Site, a 1951 aerial photograph depicts the modern location of the QBG as filled, but undeveloped. As part of the preparation for the 1964 World's Fair, which was also held in Flushing Meadows, the QBG was moved to its current location in 1961 (QBG 2021). At the time of the relocation, the modern QBG site was still largely occupied by "bog and dumps" and required significant grading and filling to create a landscape suitable for ornamental gardens (*New York Times* 1961: 16). Some of the trees planted in the garden exhibit for the 1939 fair

[1] Accessible here: https://maps.nyc.gov/then&now/.

[2] Photographs documenting the filling of marshes in the vicinity of Kissena Park can be found here: http://nycma.lunaimaging.com/luna/servlet/s/gs0x12 and here: http://nycma.lunaimaging.com/luna/servlet/s/a19k4z.

were replanted in the modern QBG (QBG 2021). As initially planned, the formal gardens were to be located in the QBG's southeast corner, near Main Street, while the remainder of the site, including the Project Site, was to be "informally landscaped" pending later development and associated landscape initiatives that do not appear to have been realized (*Ridgewood Times* 1962). Sanborn maps published between 1981 and the present and aerial photographs taken between 1996 and the present depict the Project Site as an undeveloped and landscaped portion of the park.

Chapter 4: Conclusions and Recommendations

A. CONCLUSIONS

As part of the background research for this Phase 1A Study, various primary and secondary resources were analyzed, including historic maps and atlases, historic photographs, newspaper articles, and local histories. The information provided by these sources was analyzed to reach the following conclusions.

ASSESSMENT OF PREVIOUS DISTURBANCE

The Project Site was inundated by a creek and surrounding marshlands until filling efforts transformed the landscape in the 1930s. These landfilling initiatives included the diversion of the creek into sewers and culverts that allow the stream to continue to run beneath the larger QBG property. The site of the QBG experienced further disturbance during its conversion to the modern botanical garden in the 1960s, at which time the QBG was graded and landscaped.

PRECONTACT SENSITIVITY ASSESSMENT

The precontact sensitivity of project sites in New York City is generally evaluated by a site's proximity to level slopes, watercourses, well-drained soils, and previously identified precontact archaeological sites. As described in **Chapter 3**, **"Background Research**,**"** the Project Site is located in the vicinity of a number of previously reported archaeological sites.[1] While the marshes within and surrounding the Project Site would have provided important resources for local indigenous groups during the precontact period, the Project Site was occupied by an active Creek and tidal marsh until the 1930s. The efforts made to transform the area into the QBG would therefore have resulted in significant landscape modification. Therefore, given the extent to which the Project Site has been disturbed as a result of both natural and anthropomorphic landscape modification associated with an active waterway, landfilling efforts, and the construction of the QBG, the Project Site is determined to have low sensitivity for archaeological resources associated with the precontact occupation of the area.

[1] The previously reported Linnean Garden archaeological site (NYSM 4524) containing human remains was determined by AKRF to have been mapped in the wrong place in NYSOPRHP's CRIS and was actually located more than 4,000 feet to the north of the Project Site.

HISTORIC SENSITIVITY ASSESSMENT

The Project Site was inundated until the 1930s and a review of historical maps indicated that no historical development occurred on the Project Site until the QBG was established there in the 1960s. The Project Site is therefore determined to have no archaeological sensitivity for resources associated with the historic period occupation of the area.

B. RECOMMENDATIONS

The Project Site is determined to have low sensitivity for precontact archaeological resources and no sensitivity for archaeological resources associated with the historic period. The impacts associated with the construction of the open air pavilion and the kids culture garden are therefore not expected to result in the disturbance of archaeological resources and no further archaeological analysis is recommended.

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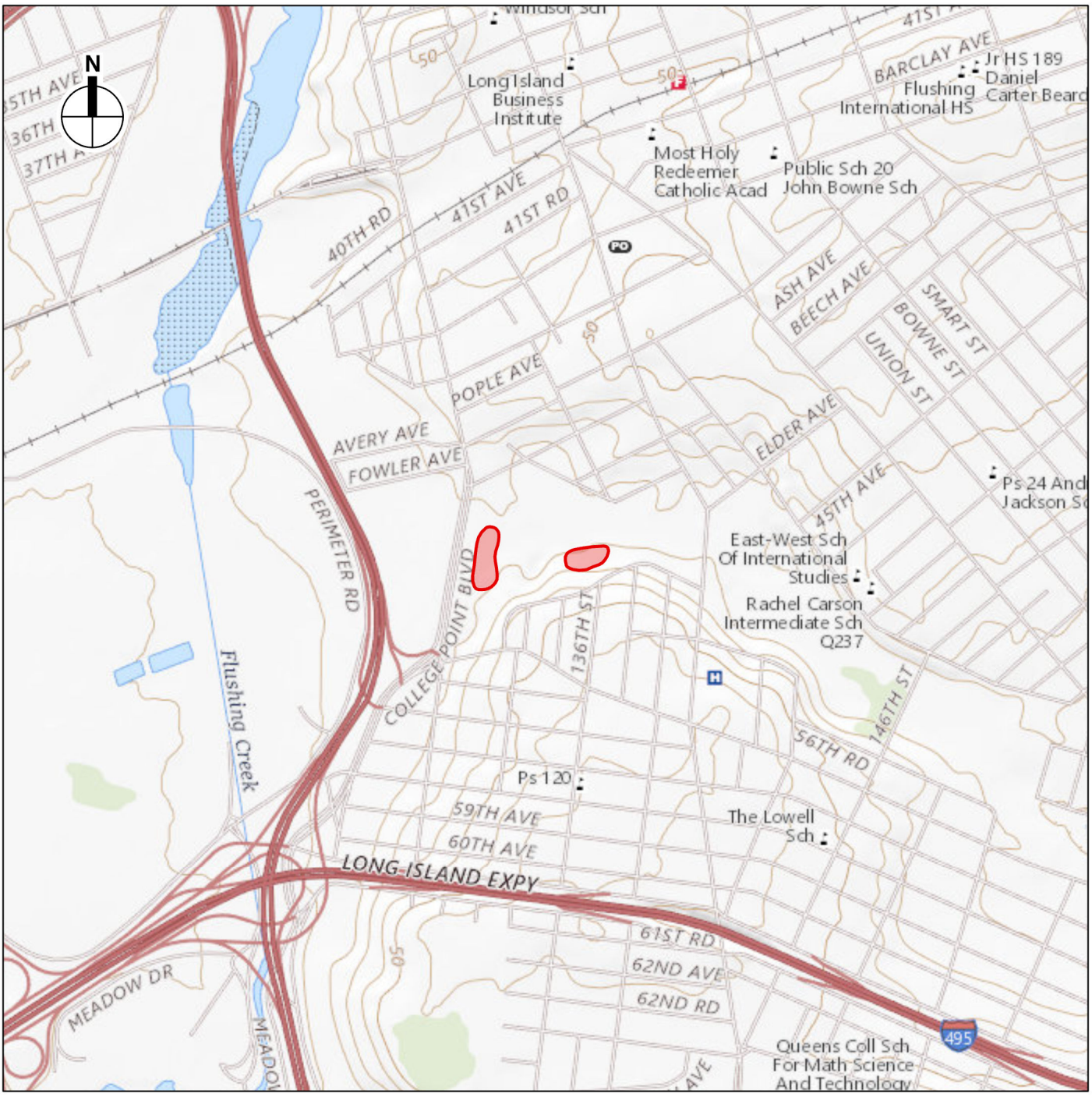
Figures

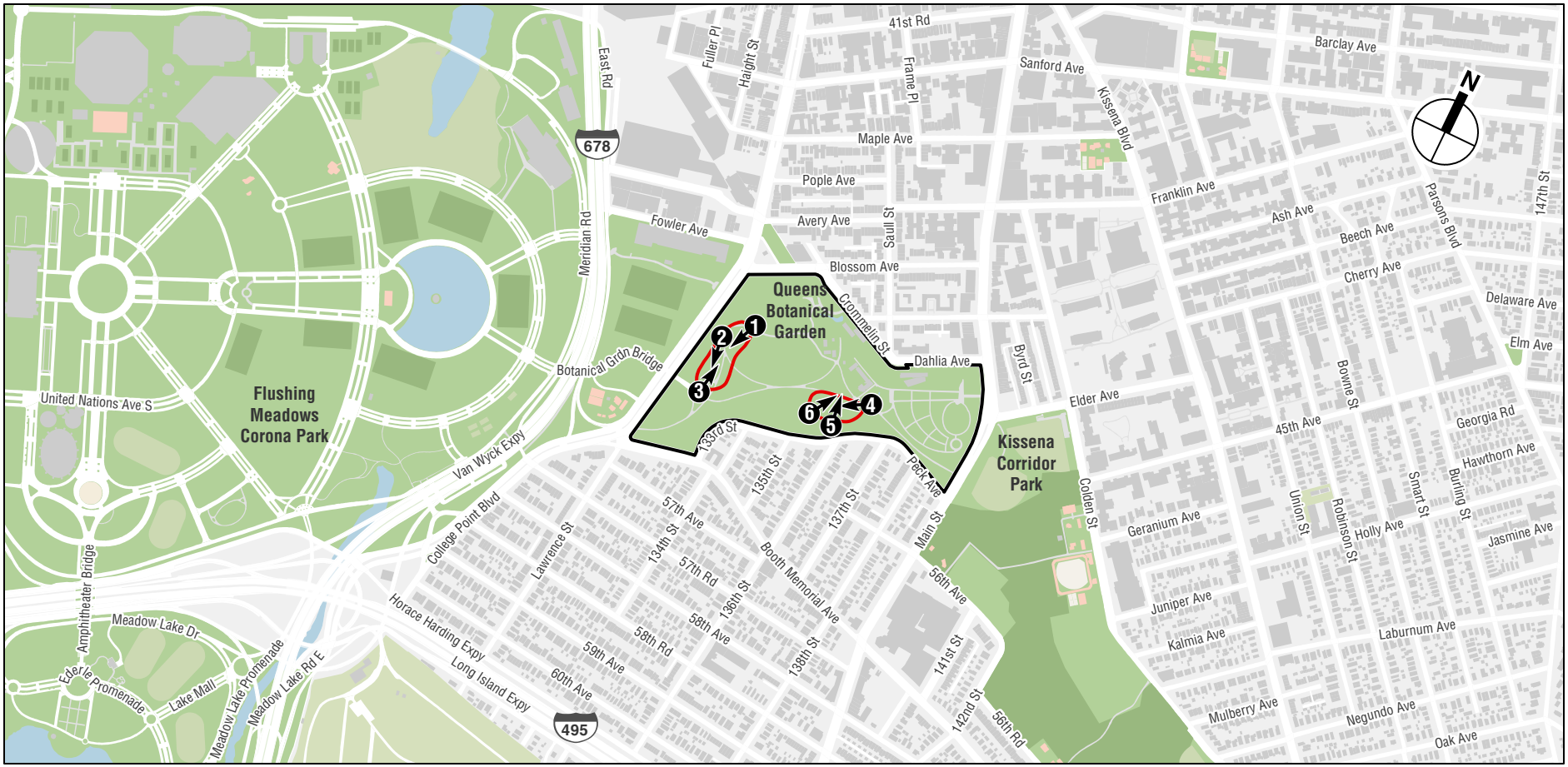


Approximate coordinates of Project Site:
73°49'49"W 40°45'1"N

USGS Topographic Map - Flushing and Jamaica Quadrangles

QUEENS BOTANICAL GARDEN – OPEN AIR PAVILION AND KIDS CULTURE GARDEN **Figure 1**

2.3.21



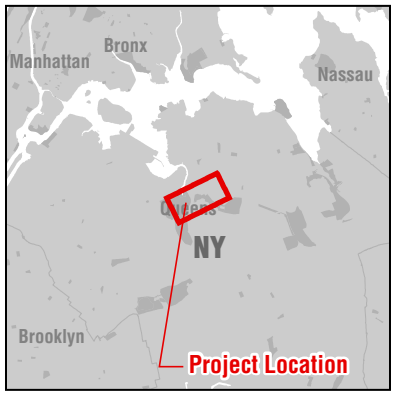
0 2,000 FEET

Project Site

Queens Botanical Garden

Photograph View Direction and Reference Number

Note: Approximate locations of the Proposed Open Air Pavilion and Kids Culture Garden.



Project Location

QUEENS BOTANICAL GARDEN – OPEN AIR PAVILION AND KIDS CULTURE GARDEN

Figure 2

View southwest from the Parking Garden **1**

View south from the haul road **2**

View north from area near the bridge over College Point Boulevard **3**

Note: Approximate location of the Proposed Open Air Pavilion

QUEENS BOTANICAL GARDEN - OPEN AIR PAVILION AND KIDS CULTURE GARDEN

Project Site Views – Open Air Pavilion Site

Figure 3a

View west including the hill on the left and the composting and farm areas in the far distance **4**

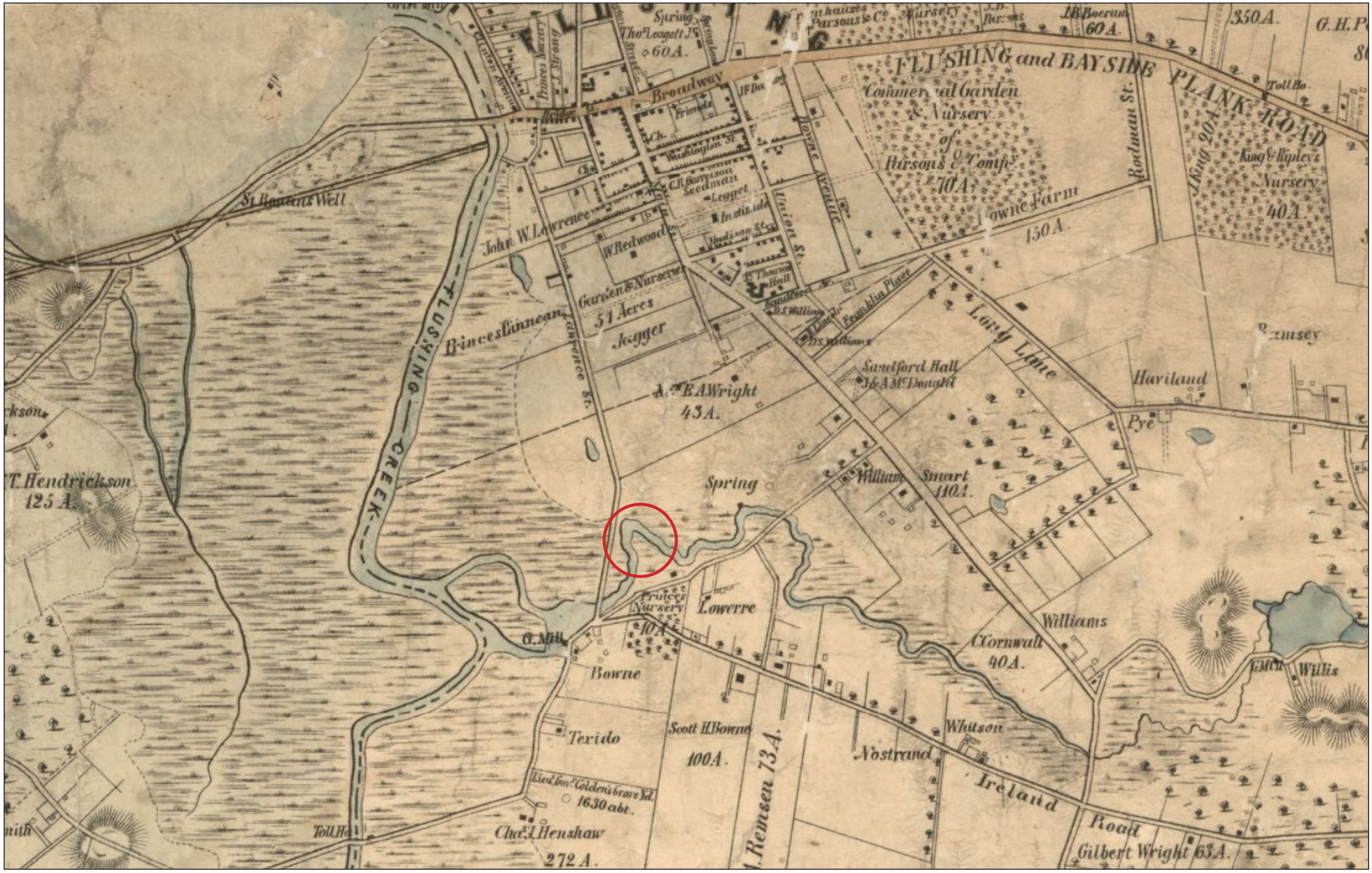
View east including crab apple trees on the left and the hill on the right **5**

View northeast from the hill including crab apple trees **6**

Note: Approximate location of the Proposed Open Air Pavilion

2.3.21

1891 USGS Maps, Brooklyn and Harlem

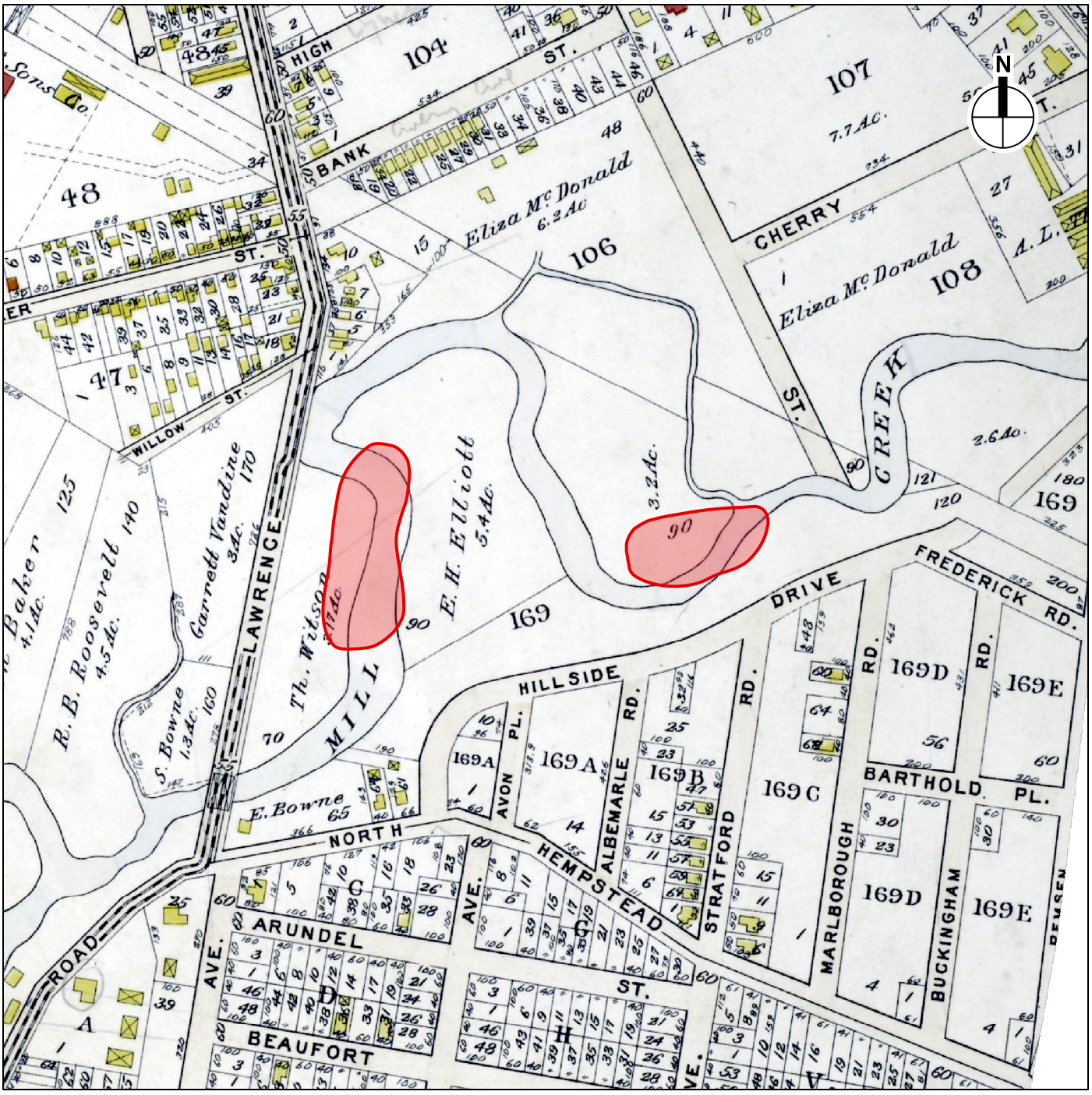


Approximate Location of Project Site

1852 Connor Map

Figure 5

2.23.21



1909 Bromley Atlas

QUEENS BOTANICAL GARDEN – OPEN AIR PAVILION AND KIDS CULTURE GARDEN

Figure 6

Appendix A:

Plan for the Unanticipated Discovery of Human Remains

Open Air Pavilion and Kids Culture Garden at the Queens Botanical Garden

43-50 Main Street (Block 5107, Lot 200)

KISSENA PARK, FLUSHING, QUEENS COUNTY, NEW YORK

Plan for the Unanticipated Discovery of Human Remains

Prepared for:

Dormitory Authority of the State of New York (DASNY)
One Penn Plaza, 52nd Floor
New York, New York 10119-0098

Prepared by:

AKRF, Inc.
440 Park Avenue South
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March 2021

Queens Botanical Garden Open Air Pavilion and Kids Culture Garden Project: Plan for the Unanticipated Discovery of Human Remains

PART 1: INTRODUCTION AND PROJECT BACKGROUND

The Queens Botanical Garden Society, Inc. ("Queens Botanical Garden" or "QBG") is proposing to construct improvements on the QBG grounds within Kissena Park in the Flushing neighborhood of Queens, New York. The Proposed Project would provide the QBG with new garden amenities that would support the QBG's sustainability initiatives while enhancing the visitor experience of the garden, including opportunities for hands-on experiences for children visiting the garden. The Dormitory Authority of the State of New York ("DASNY") has received a funding request from QBG for its *Open Air Pavilion and Kids Culture Garden* as part of the Community Capital Assistance Program ("CCAP") and/or the State and Municipal Facilities Program "SAM") (DASNY project #8140). The Project Site therefore includes two non-contiguous locations within the QBG: 1) the open air pavilion site is located in the southwest portion of the QBG and 2) the kids culture garden site is located in the south-central portion of the QBG.

The Proposed Project is being reviewed pursuant to the *State Environmental Quality Review Act ("SEQRA")*, codified at Article 8 of the *New York Environmental Conservation Law ("ECL"),* and its implementing regulations, promulgated at Part 617 of Title 6 of the *New York Code, Rules and Regulations ("N.Y.C.R.R."),* which collectively contain the requirements for the *State Environmental Quality Review ("SEQR")* process. The environmental review of the Open Air Pavilion and Kids Culture Garden project ("Proposed Project") follows *SEQRA*, and the New York *City Environmental Quality Review ("CEQR") Technical Manual* generally is used as a guide with respect to environmental analysis methodologies and impact criteria for evaluating the Proposed Project.[1] The Proposed Project is also being reviewed in conformance with the *New York State Historic Preservation Act of 1980 ("SHPA")*, specifically the implementing regulations of Section 14.09 of the *Parks, Recreation and Historic Preservation Law ("PRHPL")*, as well as with the requirements of the Memorandum of Understanding ("MOU"), dated March 18, 1998, between DASNY and the New York State Office of Parks, Recreation, and Historic Preservation (NYSOPRHP).

Pursuant to these regulations, consultation was initiated with NYSOPRHP and the New York City Landmarks Preservation Commission ("NYCLPC") regarding the Project Site's potential archaeological sensitivity. In a comment letter dated January 20, 2021, NYSOPRHP determined that the Project Site is potentially archaeologically sensitive and requested that a Phase 1A Literature Search and Sensitivity Assessment (also known as a "Phase 1A Archaeological Documentary Study" or "Phase 1A Study") be prepared to further assess areas of archaeological sensitivity within the Project Site. Specifically, NYSOPRHP stated that the site was in close

[1] The City of New York, Mayor's Office of Environmental Coordination, *CEQR Technical Manual,* 2020.

proximity to New York State Museum ("NYSM") archaeological site number 4524, which was reported to include precontact archaeological resources and human remains potentially associated with military activity in the area during the Revolutionary War. NYCLPC made a similar request in a comment letter issued February 2, 2021. A Phase 1A Study was prepared by AKRF in February 2021 (Revised, March 2021) to satisfy these comments.[1]

The Phase 1A Study concluded that the Project Site is not sensitive for archaeological resources and determined that no additional archaeological analysis or testing was required. In separate comment letters issued February 22, 2021, NYCLPC and NYSOPRHP concluded that out of an abundance of caution, a plan for the unanticipated discovery of human remains be prepared and implemented in the unlikely event that human remains are encountered during the construction of the project. NYSOPRHP specifically requested that the Human Remains Discovery Protocol as issued by the New York State Historic Preservation Office ("SHPO") in January 2021 be implemented in the event that human remains are encountered during the project's construction. This protocol is included here as **Part 2: SHPO Human Remains Discovery Protocol**. The steps that would have to be followed in order to implement the SHPO protocol in compliance with the *Guidelines for Archaeological Work in New York City* as issued by NYCLPC in 2018[2] are included in **Part 3: Plan for the Unanticipated Discovery of Human Remains**.

PART 2: SHPO HUMAN REMAINS DISCOVERY PROTOCOL (JANUARY 2021)

In the event that human remains are encountered during construction or archaeological investigations, SHPO recommends that the following protocol is implemented:

- Human remains shall be treated with the utmost dignity and respect. Should human remains or suspected human remains be encountered, work in the general area of the discovery shall stop immediately and the location shall be secured and protected from damage and disturbance.
- If skeletal remains are identified and the archaeologist is not able to conclusively determine if they are human, the remains and any associated materials must be left in place. A qualified forensic anthropologist, bioarchaeologist or physical anthropologist shall assess the remains in situ to help determine if they are human.
- If the remains are determined to be human, law enforcement, the SHPO, the appropriate Indian Nations, and the involved state and federal agencies shall be notified immediately. If law enforcement determines that the burial site is not a criminal matter, no skeletal remains or associated materials shall be removed until appropriate consultation takes place.

[1] AKRF (2021): "Open Air Pavilion and Kids Culture Garden at the Queens Botanical Garden; 43-50 Main Street (Block 5107, Lot 200); Kissena Park, Flushing, Queens County, New York: Phase 1A Archaeological Documentary Study." Prepared for: Dormitory Authority State of New York; New York, NY.

[2] https://www1.nyc.gov/assets/lpc/downloads/pdf/2018_Guidelines%20for%20Archaeology_Final_high%20res.pdf

- If human remains are determined to be Native American, they shall be left in place and protected from further disturbance until a plan for their avoidance or removal is developed. Please note that avoidance is the preferred option of the SHPO and the Indian Nations. The involved agency shall consult SHPO and the appropriate Indian Nations to develop a plan of action. Photographs of Native American human remains and associated materials should not be taken without consulting with the involved Indian Nations.
- If human remains are determined to be non-Native American, the remains shall be left in place and protected from further disturbance until a plan for their avoidance or removal is developed. Please note that avoidance is the preferred option of the SHPO. The involved agency shall consult SHPO and other appropriate parties to develop a plan of action.
- The SHPO recommends that burial information is not released to the public to protect burial sites from possible looting.

PART 3: PLAN FOR THE UNANTICIPATED DISCOVERY OF HUMAN REMAINS

In the event that human remains or suspected human remains are encountered during construction, the following plan will be implemented to ensure that the Human Remains Discovery Protocol as issued by SHPO will be implemented in compliance with New York City laws and the guidelines of NYCLPC regarding the discovery and handling of human remains.

The following procedures will be adhered to if the discovery of human remains or suspected human remains occurs during construction efforts associated with the Proposed Project. This protocol outlines the notification procedures that will be in place to ensure that all involved parties are appropriately notified of the discovery of human remains or suspected human remains.

In the event of the discovery of human remains or suspected human remains:

1. The Contractor will stop work immediately in the area of the find to protect the integrity of the find. The location of the find will be flagged or fenced to ensure the safety of the human remains and to avoid potential impacts.
2. The Contractor will immediately notify QBG and QBG will notify the archaeological consultant of the find. Notification will include: specific location of discovery within the disturbed area of the work site; the nature of the discovery; and the location of the find flagged/fenced to insure safety and avoidance of impacts. At all times human remains must be treated with the utmost dignity and respect. The Contractor will not restart work in the area of the find until QBG has granted clearance.
3. The Contractor will immediately call 911 to notify both the New York City Police Department (“NYPD”) and the Office of the Chief Medical Examiner (“OCME”) of the find, and cooperate with OCME to notify, as required, any additional law enforcement agencies, as appropriate.

SHPO Contact:	Dr. Bradley Adams, Forensic Anthropologist
Telephone:	Primary: 212.447.2030; Secondary: 718.804.8050
Address:	520 First Avenue, New York, New York 10016
E-mail:	badams@ocme.nyc.gov

4. QBG will promptly notify NYSOPRHP and NYCLPC of the find.

NYSOPRHP Contact:	Philip A. Perazio, Historic Preservation Program Analyst—Archaeologist
Telephone:	(518) 268-2175
Address:	New York State Office of Parks, Recreation, and Historic Preservation, Division for Historic Preservation P. O. Box 189, Waterford, NY 12188-0189
Express Address:	Delaware Avenue, Cohoes, New York 12047
E-mail:	Philip.Perazio@parks.ny.gov

NYCLPC Contact:	Amanda Sutphin, Director of Archaeology
Telephone:	212.669.7823
Address:	New York City Landmarks Preservation Commission 1 Centre Street, 9th Floor, New York, NY 10007
E-mail:	asutphin@lpc.nyc.gov

5. If OCME/NYPD determine that they have no concerns for the remains, QBG will retain the services of an archaeological consultant (if one has not already been retained) and will direct the archaeological consultant to begin a more detailed archaeological assessment of the find's significance.
6. If it is determined that intact interments or disarticulated human remains are present and may be disturbed by continuing construction, then QBG will attempt to locate and identify next of kin or a descendant community (if known or if lineage can be determined), NYSOPRHP and NYCLPC regarding additional measures to avoid or mitigate further damage. These measures may include:
    - Formal archaeological evaluation of the site;
    - Visits to the site by NYSOPRHP, NYCLPC, and other parties as necessary;
    - Preparation of a mitigation plan by QBG, including procedures for disinterment and reinterment, for approval by NYSOPRHP and NYCLPC;
    - Implementation of the mitigation plan; and
    - Approval to resume construction following completion of the fieldwork component of the mitigation plan.
7. In the event that intact human remains are to be disinterred from the site, a funeral director will be retained by QBG. As necessary and required by New York City law, the

funeral director will apply for a disinterment permit from the New York City Department of Health ("NYCDOH") before human remains are removed from the site pending the implementation of a mitigation plan prepared pursuant to **Step 6** of this plan.

8. QBG will then grant clearance to the Contractor to restart work.

NEW YORK STATE OF OPPORTUNITY. Parks, Recreation and Historic Preservation

ANDREW M. CUOMO
Governor

ERIK KULLESEID
Commissioner

ARCHAEOLOGY COMMENTS

Phase IA Archaeological Survey Recommendation
Project: Queens Botanical Garden - Open Air Pavilion and Kids Culture Garden
PR#: 21PR00293
Date: 20 January 2021

Your project is in an archaeologically sensitive area. A previously recorded archaeological site, NYSM 4524, which reportedly contains human remains possibly dating to the Revolutionary War, is located in this vicinity.

Therefore, the State Historic Preservation Office/Office of Parks, Recreation and Historic Preservation (SHPO/OPRHP) recommends that a Phase IA Literature Search and Sensitivity Assessment survey is warranted. A Phase IA archaeological survey is designed to identify previously recorded archaeological sites and other cultural resources within or near the project area, to assess the archaeological sensitivity of the project area, to document previous ground disturbance and to make recommendations regarding the potential need for Phase IB subsurface archaeological testing.

Our office does not conduct archaeological surveys. A 36 CFR 61 qualified archaeologist should be retained to conduct the Phase IA archaeological survey.

If you have any questions concerning archaeology, please contact Philip Perazio at philip.perazio@parks.ny.gov.

Landmarks Preservation Commission

1 Centre Street
9th Floor North
New York, NY 10007

Voice (212)-669-7700
Fax (212)-669-7960
http://nyc.gov/landmarks

ENVIRONMENTAL REVIEW

Final Sign-Off (Single Site)

Project number: ER.Q (DPR-Q)
Project: QUEENS BOTANICAL CHILDRENS GARDEN
Address: 43-50 MAIN STREET BBL: 4051070200
Date Received: 1/27/2021

[X**] No architectural significance**

[ ] No archaeological significance

[ ] Designated New York City Landmark or Within Designated Historic District

[ ] Listed on National Register of Historic Places

[ ] Appears to be eligible for National Register Listing and/or New York City Landmark Designation

[X**] May be archaeologically significant; requesting additional materials**

Comments: LPC review of archaeological sensitivity models and historic maps indicates that there is potential for the recovery of remains from Colonial and Native American occupation and burials on the project site. Accordingly, the Commission recommends that an archaeological documentary study be performed for this site to clarify these initial findings and provide the threshold for the next level of review, if such review is necessary (see CEQR Technical Manual 2020).

Gina Santucci 2/2/2021

SIGNATURE DATE
Gina Santucci, Environmental Review Coordinator

File Name: 35415_FSO_DNP_02022021.docx

Landmarks Preservation Commission

1 Centre Street
9th Floor North
New York, NY 10007

Voice (212)-669-7700
Fax (212)-669-7960
http://nyc.gov/landmarks

ARCHAEOLOGY

Project number: ER.Q (DPR-Q)
Project: QUEENS BOTANICAL CHILDRENS GARDEN
Address: 43-50 MAIN STREET **BBL:** 4051070200
Date Received: 2/10/2021

This document only contains Archaeological review findings. If your request also requires Architecture review, the findings from that review will come in a separate document.

Comments: The LPC is in receipt of the draft "Open Air Pavilion and Kids Culture Garden at the Queens Botanical Garden, 43-50 Main Street (Block 5107, Lot 200), Kissena Park, Flushing, Queens . . . Phase 1A Archaeological Documentary Study" dated February 2021. We concur with the low sensitivity assessment for the site and acknowledge your conclusion that the Linnaean Garden Archaeological site (NYSM 4524) containing human remains was mapped in the incorrect location in NYSOPRHP's CRIS and lies 4,000 feet to the north of the current project area. To be safe, however, we ask that an Unanticipated Discovery Plan (UDP) for human remains as detailed in the 2018 Guidelines for Archaeological Work in New York City (Section C9, pg. 67) be prepared and submitted for the next phase of the project. We also ask that you revise the legibility of Figure 1 so the highest-level identifiers, such as the highways and major street names, are readable.

Please submit a final draft of the Phase 1A with the above-noted changes made.

In closing, we recommend that you contact the NYS Museum regarding the discrepancy you identified in the location of Linnaean Garden Archaeological Site (NYSM 4524).

2/22/2021

SIGNATURE DATE
Amanda Sutphin, Director of Archaeology

File Name: 35415_FSO_JSM_02182021.docx

NEW YORK STATE OF OPPORTUNITY. | Parks, Recreation, and Historic Preservation

ANDREW M. CUOMO
Governor

ERIK KULLESEID
Commissioner

February 22, 2021

Matthew Stanley
Senior Environmental Manager | Office of Environmental Affairs
DASNY
515 Broadway
Albany, NY 12207-2964

Re: DASNY
Queens Botanical Garden - Open Air Pavilion and Kids Culture Garden
43-50 Main St, Flushing, NY 11355
21PR00293
DASNY project #8140

Dear Matthew Stanley:

Thank you for requesting the comments of the Division for Historic Preservation of the Office of Parks, Recreation and Historic Preservation (OPRHP). We have reviewed the submitted materials in accordance with the New York State Historic Preservation Act of 1980 (section 14.09 of the New York Parks, Recreation and Historic Preservation Law). These comments are those of the Division for Historic Preservation and relate only to Historic/Cultural resources.

OPRHP has reviewed *Open Air Pavilion and Kids Culture Garden at the Queens Botanical Garden, 43-50 Main Street (Block 5107, Lot 200), Kissena Park, Flushing, Queens County, New York, Phase 1A Archaeological Documentary Study* (AKRF, February 2021).

Based upon this review, it is the opinion of OPRHP that no properties, including archaeological and/or historic resources, listed in or eligible for the New York State and National Registers of Historic Places will be impacted by this project.

Please note that this report has identified duplicate locations for a New York State Museum site – NYSM 4524, the Linnean Garden, with reported human remains. Based on its research, AKRF concludes that the site marked with this NYSM number located close to the current project area is likely to be incorrectly placed and that the second location, farther to the north, is more consistent with the available information. We concur with this interpretation. As a result, OPRHP has created a new Unique Site Number - 08101.013320 – which coincides with the second NYSM site location in order to memorialize this conclusion.

However, given the remote possibility that human remains associated with the Linnean Garden site are, in fact, in the current project area, we recommend that the OPRHP/SHPO Human Remains Discovery Protocol (attached) be implemented should any indication of burials be uncovered during project construction.

If you have any questions, please don't hesitate to contact me.

Sincerely,

Philip A. Perazio, Historic Preservation Program Analyst - Archaeology Unit
Phone: 518-268-2175
e-mail: philip.perazio@parks.ny.gov via email only

Attachment

cc: Amy Crader and Elizabeth Meade, AKRF
Jessica MacLean, Gina Santucci, and Amanda Sutphin, LPC

NYC Landmarks Preservation Commission

1 Centre Street
9th Floor North
New York, NY 10007

Voice (212)-669-7700
Fax (212)-669-7960
http://nyc.gov/landmarks

ARCHAEOLOGY

Project number: ER.Q (DPR-Q)
Project: QUEENS BOTANICAL CHILDRENS GARDEN
Address: 43-50 MAIN STREET **BBL:** 4051070200
Date Received: 3/26/2021

This document only contains Archaeological review findings. If your request also requires Architecture review, the findings from that review will come in a separate document.

[ ] No archaeological significance

[ ] Designated New York City Landmark or Within Designated Historic District

[ ] Listed on National Register of Historic Places

[ ] Appears to be eligible for National Register Listing and/or New York City Landmark Designation

[X**] May be archaeologically significant; requesting additional materials**

Comments:

This is to confirm that the, "Open Air Pavilion and Kids Culture Garden at the Queens Botanical Garden, 43-50 Main Street (Block 5107, Lot 200), Kissena Park, Flushing, Queens . . . Phase 1A Archaeological Documentary Study," prepared by AKRF, Inc was updated to make the changes the LPC requested on 2/21/21.

3/26/2021

SIGNATURE DATE
Amanda Sutphin, Director of Archaeology

File Name: 35415_FSO_ALS_03262021.docx

State Historic Preservation Office/
New York State Office of Parks, Recreation and Historic Preservation
Human Remains Discovery Protocol
(January 2025)

If human remains are encountered during construction or archaeological investigations for projects being reviewed under Section 14.09 of the State Historic Preservation Act or Section 106 of the National Historic Preservation Act, the New York State Historic Preservation Office ("SHPO") recommends that the following protocol be implemented.

- Human remains shall be treated with dignity and respect. Should human remains or suspected human remains be encountered, work in the general area of the discovery shall stop immediately and the location shall be secured and protected from damage and disturbance.

- If skeletal remains are identified and the archaeologist is not able to conclusively determine if they are human, the remains and any associated materials shall be left in place. A qualified forensic anthropologist, bioarchaeologist, or physical anthropologist shall assess the remains in situ to help determine if they are human.

- If the remains are determined to be human, law enforcement, the SHPO, the appropriate Indigenous Nations, and the involved state and federal agencies shall be notified immediately. If law enforcement determines that the burial site is not a criminal matter, no skeletal remains or associated materials shall be removed until appropriate consultation has concluded.

- If human remains are determined to be Indigenous, they shall be left in place and protected from further disturbance until a plan for their avoidance or removal is fully implemented. Please note that avoidance is the preferred option of the SHPO and the Indigenous Nations. The involved agency shall consult SHPO and the appropriate Indigenous Nations to develop a plan of action. Photographs of Indigenous human remains and associated materials should not be taken without consulting with the involved Indigenous Nations.

- If human remains are determined to be non-Indigenous, the remains shall be left in place and protected from further disturbance until a plan for their avoidance or removal is fully implemented. Please note that avoidance is the preferred option of the SHPO. The involved agency shall consult SHPO and other appropriate parties to develop a plan of action.

- The SHPO recommends that burial information is not released to the public to protect burial sites from possible looting.

NOTE: If human remains are encountered outside of a Section 14.09 or Section 106 project, you must follow the procedures of the New York State Unmarked Burial Site Protection Act (https://nysm.nysed.gov/unmarked-burial-site-protection-act).

State Historic Preservation Office/
New York State Office of Parks, Recreation and Historic Preservation
Human Remains Discovery Protocol
(January 2025)

If human remains are encountered during construction or archaeological investigations for projects being reviewed under Section 14.09 of the State Historic Preservation Act or Section 106 of the National Historic Preservation Act, the New York State Historic Preservation Office ("SHPO") recommends that the following protocol be implemented.

- Human remains shall be treated with dignity and respect. Should human remains or suspected human remains be encountered, work in the general area of the discovery shall stop immediately and the location shall be secured and protected from damage and disturbance.

- If skeletal remains are identified and the archaeologist is not able to conclusively determine if they are human, the remains and any associated materials shall be left in place. A qualified forensic anthropologist, bioarchaeologist, or physical anthropologist shall assess the remains in situ to help determine if they are human.

- If the remains are determined to be human, law enforcement, the SHPO, the appropriate Indigenous Nations, and the involved state and federal agencies shall be notified immediately. If law enforcement determines that the burial site is not a criminal matter, no skeletal remains or associated materials shall be removed until appropriate consultation has concluded.

- If human remains are determined to be Indigenous, they shall be left in place and protected from further disturbance until a plan for their avoidance or removal is fully implemented. Please note that avoidance is the preferred option of the SHPO and the Indigenous Nations. The involved agency shall consult SHPO and the appropriate Indigenous Nations to develop a plan of action. Photographs of Indigenous human remains and associated materials should not be taken without consulting with the involved Indigenous Nations.

- If human remains are determined to be non-Indigenous, the remains shall be left in place and protected from further disturbance until a plan for their avoidance or removal is fully implemented. Please note that avoidance is the preferred option of the SHPO. The involved agency shall consult SHPO and other appropriate parties to develop a plan of action.

- The SHPO recommends that burial information is not released to the public to protect burial sites from possible looting.

NOTE: If human remains are encountered outside of a Section 14.09 or Section 106 project, you must follow the procedures of the New York State Unmarked Burial Site Protection Act (https://nysm.nysed.gov/unmarked-burial-site-protection-act).

11.6 – Stockbridge-Munsee Community Response

Jacobs, Juliet

From: thpo <thpo@mohican-nsn.gov>
Sent: Wednesday, March 18, 2026 12:07 PM
To: Jacobs, Juliet
Cc: Freeman, Julie; fquintanilla@queensbotanical.org
Subject: [EXTERNAL] RE: Tribal Consultation Request - Queens Botanical Garden Pavilion Project

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe. Forward suspect email to phish@oti.nyc.gov as an attachment (Click the More button, then forward as attachment).

Dear Juliet,

Thank you for the notice regarding the Queens Botanical Garden Pavilion Project.

After review of the Phase 1A Archaeological Documentary Study report: Open Air Pavilion and Kids Culture Garden at the Queens Botanical Garden, 43-50 Main Street (Block 5107, Lot 200), Kissena Park, Flushing, Queens County, NY, which according to NY CRIS substantially overlaps this project APE, the Stockbridge-Munsee Tribal Historic Preservation Office has no issue with the project moving forward with the following standard stipulations:

- If previously undocumented archaeological resources are encountered, please contact me promptly and follow the Inadvertent Discovery Policy on the Stockbridge-Munsee Community website: https://mohican-nsn.gov/wp-content/uploads/2025/07/smc-inadvertent-discovery-policy.pdf
- Please give due attention to the incidental or routine movement of heavy machinery both inside and outside the stated area of potential effects (APE) that may cause unintended or inadvertent impacts to cultural resources.
- Should the proposed work be altered to expand beyond the current scope of work and/or APE, we ask to be notified.

Regards,
Jeff

PS. Please let me know if the spatial information cited in NY CRIS is inaccurate as no project APE map provided to this office.

Jeffrey C Bendremer Ph.D., RPA
Tribal Historic Preservation Officer
Stockbridge-Munsee Community
Tribal Historic Preservation Extension Office
86 Spring St.
Williamstown, MA 01267
413-884-6029 (o)
406-544-5269 (c)

11.7 – Delaware Tribe of Indians Consultation Record

Jacobs, Juliet

From: Historic Preservation <his.pres@delawaretribe.org>
Sent: Friday, May 1, 2026 10:45 AM
To: Jacobs, Juliet; Historic Preservation
Cc: Freeman, Julie; fquintanilla@queensbotanical.org; Martina Thomas; Rebecca Wolf
Subject: Re: [EXTERNAL] RE: Tribal Consultation Request - Queens Botanical Garden Pavilion Project

Good morning,
Please ask all the questions. No driving piles doesn't require a monitor.

Best,
Susan

From: Jacobs, Juliet <JacobsJuliet@omb.nyc.gov>
Sent: Thursday, April 30, 2026 3:56 PM
To: Historic Preservation <his.pres@delawaretribe.org>
Cc: Freeman, Julie <FreemanJ@omb.nyc.gov>; fquintanilla@queensbotanical.org <fquintanilla@queensbotanical.org>; Martina Thomas <mthomas@delawaretribe.org>; Rebecca Wolf <rwolf@queensbotanical.org>; Susan Bachor <sbachor@delawaretribe.org>
Subject: RE: [EXTERNAL] RE: Tribal Consultation Request - Queens Botanical Garden Pavilion Project

Hi Susan,

I am very sorry, but I want to ask one more question. If, during construction piles are driven into potentially intact soils, but those soils would not be excavated, is that a situation in which a monitor would be necessary?

Thank You!

Juliet Jacobs
Unit Head – Environmental (CD)
New York City Mayor's Office of Management & Budget
255 Greenwich Street, 8th Floor
New York, NY 10007
☎ (212) 788-1653
✉ JacobsJuliet@omb.nyc.gov

From: Historic Preservation <his.pres@delawaretribe.org>
Sent: Wednesday, April 29, 2026 10:13 AM
To: Jacobs, Juliet <JacobsJuliet@omb.nyc.gov>
Cc: Freeman, Julie <FreemanJ@omb.nyc.gov>; fquintanilla@queensbotanical.org; Martina Thomas <mthomas@delawaretribe.org>; Rebecca Wolf <rwolf@queensbotanical.org>; Historic Preservation <his.pres@delawaretribe.org>
Subject: Re: [EXTERNAL] RE: Tribal Consultation Request - Queens Botanical Garden Pavilion Project

Jacobs, Juliet

From: Historic Preservation <his.pres@delawaretribe.org>
Sent: Wednesday, April 29, 2026 10:13 AM
To: Jacobs, Juliet
Cc: Freeman, Julie; fquintanilla@queensbotanical.org; Martina Thomas; Rebecca Wolf; Historic Preservation
Subject: Re: [EXTERNAL] RE: Tribal Consultation Request - Queens Botanical Garden Pavilion Project

Good morning,

Delaware Tribe of Indians has no objection the proposed project. Thank you for the additional information on the mismarked location. A monitor will not be necessary unless intact soils are encountered with materials and/or personal items.

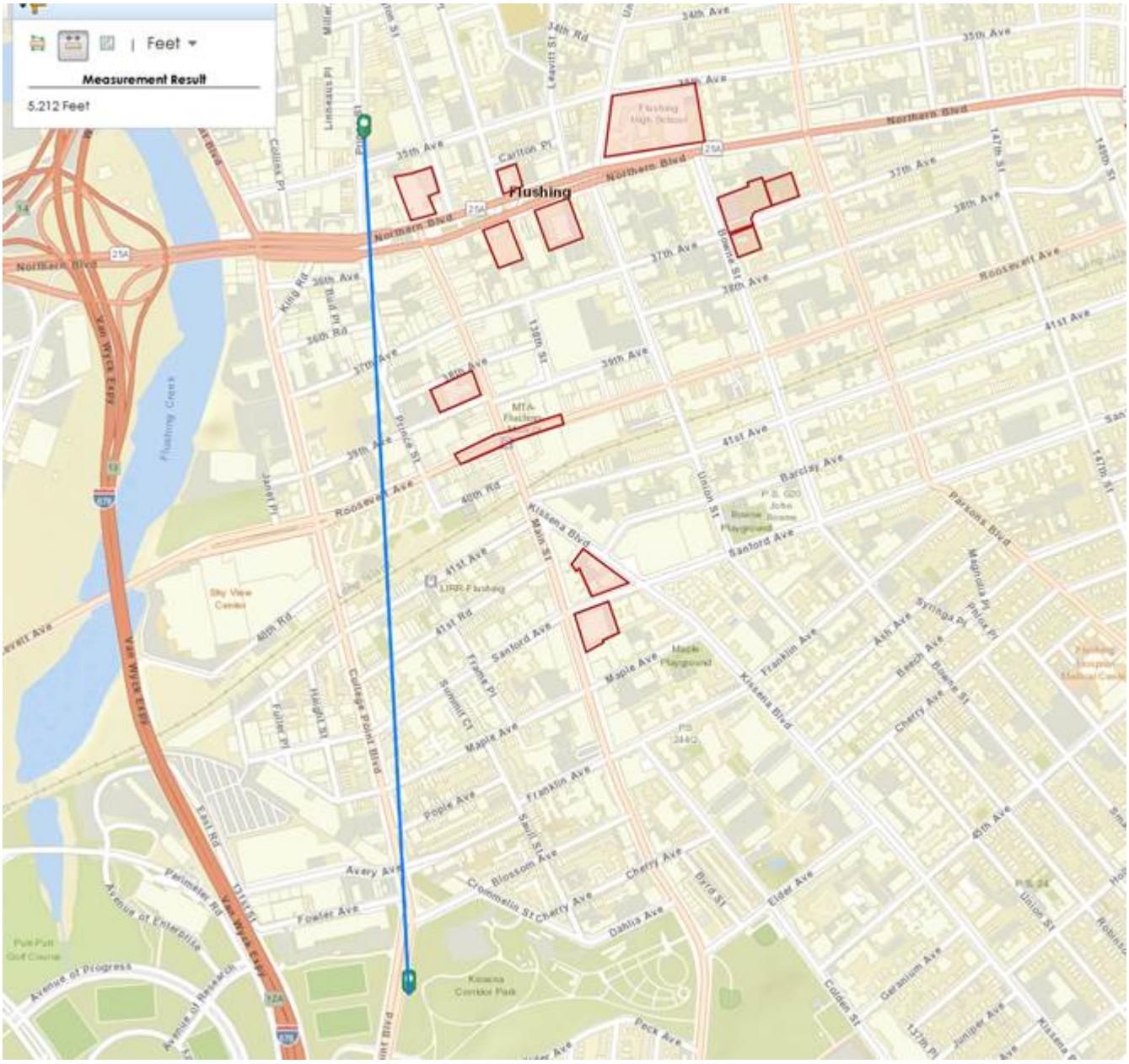
Best,
Susan

From: Jacobs, Juliet <JacobsJuliet@omb.nyc.gov>
Sent: Friday, April 24, 2026 2:43 PM
To: Historic Preservation <his.pres@delawaretribe.org>; Susan Bachor <sbachor@delawaretribe.org>
Cc: Freeman, Julie <FreemanJ@omb.nyc.gov>; fquintanilla@queensbotanical.org <fquintanilla@queensbotanical.org>; Martina Thomas <mthomas@delawaretribe.org>; Rebecca Wolf <rwolf@queensbotanical.org>; Brad Killscrow <bkillscrow@delawaretribe.org>
Subject: RE: [EXTERNAL] RE: Tribal Consultation Request - Queens Botanical Garden Pavilion Project

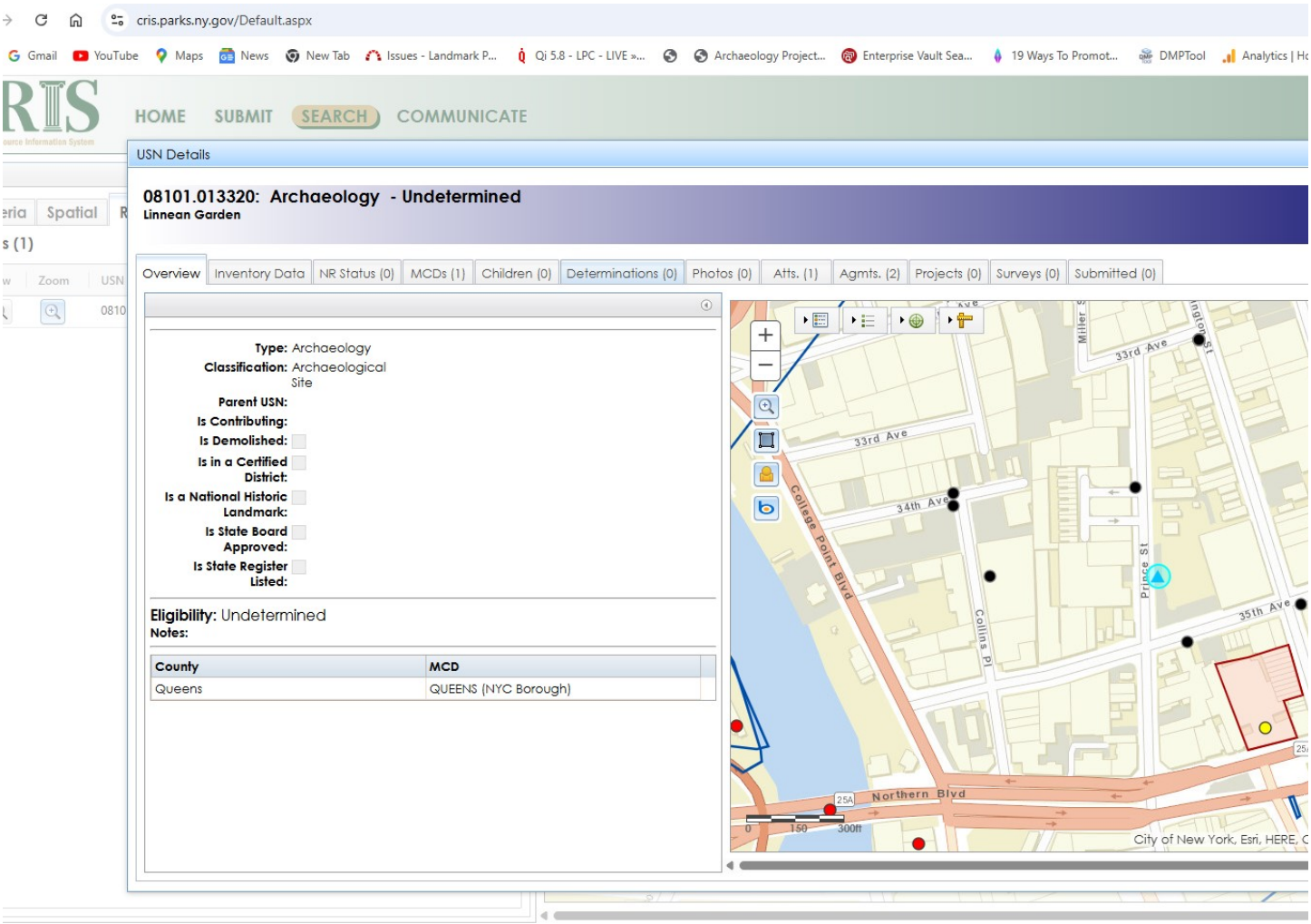
Hi Susan,

Thank you for getting back to me.

To add some clarity to the mislabling situation, at the time the attached 2021 Phase IA was conducted, the Linnean Garden Burial Site was incorrectly mapped in two separate locations in the New York State Office of Parks, Recreation, and Historic Preservation's (SHPO's) Cultural Resource Information System (CRIS). Based upon the research documented in the attached report, location 2, which is more than 5,000 feet to the north of the project site, was determined to be the likely correct location for the Linnean Garden Burial Site. The approximate distance between this and our project site can be seen here:



The change was documented within CRIS, and these screenshots of the current Linnean Garden site and note documenting the change within CRIS are being shared with the permission of SHPO.



Linnean Garden

There are two NYSM sites with this name and number – 4524 – one is a "site" and the other an "area". Research for a project in this vicinity, 21PR00293, concludes that the "site" (i.e. the NYSM triangle) is in the wrong location and that the area, located to the north, is more likely to be correct. In order to memorialize this finding, this USN has been created. For additional information, see 21SR00103.

Philip Perazio, 22 February 2021

It was also recommended that I share a Phase IB Archaeological Survey that was conducted in 2024 for a different project in the Garden, as part of consultation with the Stockbridge-Munsee Community. This site sits approximately 275 feet to the east of the Pavillion Project site. The report concluded that no precontact cultural material or features, or intact historic deposits pre-dating the early twentieth century were encountered in any of the excavated STPs or Geo-probes. Nor was evidence of human burials were encountered. I know the site location is not exactly the same, but with it being so close, it might be relevant.

If a monitor is still requested for ground disturbing work at the Pavilion Project site, could you please let us know if the request is that a Tribal Monitor be present, that an archaeological monitor be present or

both? Could you please clarify if the request would only apply to certain activities or if it is applicable to any ground disturbing activities (including landscaping, grading etc)?

Thank you and I hope you have a great weekend!

Juliet Jacobs
Unit Head – Environmental (CD)
New York City Mayor's Office of Management & Budget
255 Greenwich Street, 8th Floor
New York, NY 10007
☎ (212) 788-1653
✉ JacobsJuliet@omb.nyc.gov

From: Historic Preservation <his.pres@delawaretribe.org>
Sent: Tuesday, April 21, 2026 7:40 AM
To: Jacobs, Juliet <JacobsJuliet@omb.nyc.gov>; Susan Bachor <sbachor@delawaretribe.org>
Cc: Freeman, Julie <FreemanJ@omb.nyc.gov>; fquintanilla@queensbotanical.org; Historic Preservation <his.pres@delawaretribe.org>; Martina Thomas <mthomas@delawaretribe.org>; Rebecca Wolf <rwolf@queensbotanical.org>; Brad Killscrow <bkillscrow@delawaretribe.org>
Subject: RE: [EXTERNAL] RE: Tribal Consultation Request - Queens Botanical Garden Pavilion Project

Good morning,
Our main concern is the mislabeled area where remains were found. We haven't gotten the complete story of the mislabeling, we would feel better having a monitor present when work in that area is performed.

Best,
Susan

From: Jacobs, Juliet <JacobsJuliet@omb.nyc.gov>
Sent: Monday, April 13, 2026 3:26 PM
To: Susan Bachor <sbachor@delawaretribe.org>
Cc: Freeman, Julie <FreemanJ@omb.nyc.gov>; fquintanilla@queensbotanical.org; Historic Preservation <his.pres@delawaretribe.org>; Martina Thomas <mthomas@delawaretribe.org>; Rebecca Wolf <rwolf@queensbotanical.org>; Brad Killscrow <bkillscrow@delawaretribe.org>
Subject: RE: [EXTERNAL] RE: Tribal Consultation Request - Queens Botanical Garden Pavilion Project

Good Afternoon Susan,

The Queens Botanical Garden provided some additional detail regarding ground disturbance for this project. The scope of work for this project would be limited to construction of the 3,200 square foot open air pavilion structure in the southwestern corner of the Garden. The anticipated excavation depth for this project is limited to approximately 5 feet, excluding pile work. The piles are expected to be driven, not excavated, and would not involve soil removal. The Queens Botanical Garden team expects that excavation would be limited to previously disturbed soils, which aligns with what you mentioned regarding 19-24 feet of likely fill in this project area.

I will also include the Inadvertent Discovery Plan requirements as project conditions within the review.

With this added context, we are hoping this alleviates some of the Delaware Tribe's concerns surrounding soil disturbance. Could you please let us know if you are still requesting a tribal monitor and an archaeologist specifically trained in soils be present? If so, could you please provide some additional information about this request?

Thank You!

Juliet Jacobs
Unit Head – Environmental (CD)
New York City Mayor's Office of Management & Budget
255 Greenwich Street, 8th Floor
New York, NY 10007
☎ (212) 788-1653
✉ JacobsJuliet@omb.nyc.gov

From: Jacobs, Juliet
Sent: Tuesday, March 24, 2026 9:23 AM
To: 'Susan Bachor' <sbachor@delawaretribe.org>; Brad Killscrow <bkillscrow@delawaretribe.org>
Cc: Freeman, Julie <FreemanJ@omb.nyc.gov>; fquintanilla@queensbotanical.org; Historic Preservation <his.pres@delawaretribe.org>; Martina Thomas <mthomas@delawaretribe.org>
Subject: RE: [EXTERNAL] RE: Tribal Consultation Request - Queens Botanical Garden Pavilion Project

Thank you for getting back to me Susan! I will discuss with the folks at the Queens Botanical Garden, and will let you know if there are any questions.

Juliet Jacobs
Unit Head – Environmental (CD)
New York City Mayor's Office of Management & Budget
255 Greenwich Street, 8th Floor
New York, NY 10007
☎ (212) 788-1653
✉ JacobsJuliet@omb.nyc.gov

From: Susan Bachor <sbachor@delawaretribe.org>
Sent: Monday, March 23, 2026 5:12 PM
To: Jacobs, Juliet <JacobsJuliet@omb.nyc.gov>; Brad Killscrow <bkillscrow@delawaretribe.org>
Cc: Freeman, Julie <FreemanJ@omb.nyc.gov>; fquintanilla@queensbotanical.org; Historic Preservation <his.pres@delawaretribe.org>; Martina Thomas <mthomas@delawaretribe.org>
Subject: [EXTERNAL] RE: Tribal Consultation Request - Queens Botanical Garden Pavilion Project

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe. Forward suspect email to phish@oti.nyc.gov as an attachment (Click the More button, then forward as attachment).

Ms. Jacobs,

Thank you for notifying the Delaware Tribe of the plans for the above-referenced project. The Delaware Tribe is committed to protecting sites important to our tribal heritage, culture and religion. Our review indicates that is approximately 19-24 feet of fill over the two project areas. The attached project plans do not show the depth of the project disturbance. We request a tribal monitor and an archaeologist specifically trained in soils be present when disturbing soils within the mislabeled area of past ancestral remains.

Please revise your Inadvertent Discovery Plan to include; Covering remains with an unbleached, natural fiber cloth; Work should stop with a 100 meter/ 300 foot perimeter around discovery; NO invasive field test should be performed; NO images should be taken.

We ask that if any archaeological materials (artifacts, subsurface features, etc.) are discovered during the construction process that work in the immediate area be halted until an archaeologist can view and assess the finds. Furthermore, we ask that if any human remains are accidentally unearthed during the project that you cease development immediately and inform the Delaware Tribe of Indians of the inadvertent discovery. If you have any questions, feel free to contact this office by phone at (610) 761-7452 or by email at sbachor@delawaretribe.org.

Best,
Susan

From: Jacobs, Juliet <JacobsJuliet@omb.nyc.gov>
Sent: Friday, March 13, 2026 11:42 AM
To: Susan Bachor <sbachor@delawaretribe.org>; lheady@delawaretribe.org; Brad Killscrow <bkillscrow@delawaretribe.org>; Historic Preservation <his.pres@delawaretribe.org>
Cc: Freeman, Julie <FreemanJ@omb.nyc.gov>; fquintanilla@queensbotanical.org
Subject: Tribal Consultation Request - Queens Botanical Garden Pavilion Project

Hello,

The New York City Office and Budget (NYC OMB) agreed to serve as Responsible Entity for a federal grant to the New York Botanical Garden (please note this is for environmental review purposes only). The project involves ground disturbance of a public park land. I have attached a letter and supplemental materials with additional detail about the project and am seeking your input on whether this activity would have the potential to adversely impact resources that have religious and/or cultural significance to your tribe. If you wish to consult on this project, please let me know no later than April 13, 2026. If you do not wish to consult, I would greatly appreciate you letting me know as soon as possible.

Thanks very much for your time and consideration!

Juliet Jacobs
Unit Head – Environmental (CD)
New York City Mayor's Office of Management & Budget
255 Greenwich Street, 8th Floor
New York, NY 10007
☎ (212) 788-1653
✉ JacobsJuliet@omb.nyc.gov

11.8 Inadvertent Discovery Policies

State Historic Preservation Office/
New York State Office of Parks, Recreation and Historic Preservation
Human Remains Discovery Protocol
(January 2025)

If human remains are encountered during construction or archaeological investigations for projects being reviewed under Section 14.09 of the State Historic Preservation Act or Section 106 of the National Historic Preservation Act, the New York State Historic Preservation Office ("SHPO") recommends that the following protocol be implemented.

- Human remains shall be treated with dignity and respect. Should human remains or suspected human remains be encountered, work in the general area of the discovery shall stop immediately and the location shall be secured and protected from damage and disturbance.

- If skeletal remains are identified and the archaeologist is not able to conclusively determine if they are human, the remains and any associated materials shall be left in place. A qualified forensic anthropologist, bioarchaeologist, or physical anthropologist shall assess the remains in situ to help determine if they are human.

- If the remains are determined to be human, law enforcement, the SHPO, the appropriate Indigenous Nations, and the involved state and federal agencies shall be notified immediately. If law enforcement determines that the burial site is not a criminal matter, no skeletal remains or associated materials shall be removed until appropriate consultation has concluded.

- If human remains are determined to be Indigenous, they shall be left in place and protected from further disturbance until a plan for their avoidance or removal is fully implemented. Please note that avoidance is the preferred option of the SHPO and the Indigenous Nations. The involved agency shall consult SHPO and the appropriate Indigenous Nations to develop a plan of action. Photographs of Indigenous human remains and associated materials should not be taken without consulting with the involved Indigenous Nations.

- If human remains are determined to be non-Indigenous, the remains shall be left in place and protected from further disturbance until a plan for their avoidance or removal is fully implemented. Please note that avoidance is the preferred option of the SHPO. The involved agency shall consult SHPO and other appropriate parties to develop a plan of action.

- The SHPO recommends that burial information is not released to the public to protect burial sites from possible looting.

NOTE: If human remains are encountered outside of a Section 14.09 or Section 106 project, you must follow the procedures of the New York State Unmarked Burial Site Protection Act (https://nysm.nysed.gov/unmarked-burial-site-protection-act).

Stockbridge-Munsee Community
Band of Mohican Indians
Policy for
Treatment and Disposition of Human Remains and Cultural Items
That May be Discovered Inadvertently

Purpose

The purpose of this policy is to outline procedures that will be followed by all agencies, contractors or others in the event of an inadvertent discovery of human remains or cultural materials that are identified as potentially Stockbridge-Munsee (Mohican).

Treatment and Disposition of Human Remains and Cultural Items

1) The federal agency or contractor shall contact the Stockbridge-Munsee Community immediately, but no later than three days after the discovery of the remains and/or artifacts at the contact information below:

updated September 2022

Jeff Bendremer, Tribal Historic Preservation Officer (THPO)	thpo@mohican-nsn.gov	413-884-6029 office 715-881-2254 cell

If unavailable, contact:

Bonney Hartley, Tribal Historic Preservation Manager	Bonney.Hartley@mohican-nsn.gov	413-884-6048 office
Monique Tyndall, Cultural Affairs Director	Monique.Tyndall@mohican-nsn.gov	715-793-4270 office
Linda Mohawk Katchenago, Administrator	Linda.Katchenago@mohican-nsn.gov	715-793-4355 office

2) Place tobacco with human remains and/or funeral objects.

3) Cover remains and funeral objects with a natural fiber cloth such as cotton or muslin when possible.

4) No photographs will be taken.

5) The preferred treatment of inadvertently discovered cultural materials and/or human remains is to leave them *in-situ* (in place) and protect them from further disturbance.

6) Non-destructive "in-field" documentation of the remains and cultural items shall be carried out only in consultation with the Tribe, who will determine appropriate methods of recordation depending upon the circumstances.

7) If the remains and cultural items are to remain *in-situ*, the requirements of 43 CFR 10 Sections 10.4–10.6 will have been fulfilled.

8) The specific location(s) of discovery shall be withheld from disclosure (with the exception of local law officials and tribal officials as described above) and protected to the fullest extent by federal law.

9) If remains and funeral objects are to be removed from the site, specific procedures and considerations will be determined by Stockbridge-Munsee Tribe in consultation with the federal agency.

DELAWARE NATION HISTORIC PRESERVATION
Inadvertent Discovery Policy & Protocols for Archaeology Consultation

The purpose of this policy is to outline procedures and expectations for tribal consultation to be followed by all agencies, contractors, etc. during ALL archaeological work, and/or in the event of an inadvertent discovery of human remains or cultural archaeological materials affiliated as Native American within Delaware Nation's homelands and areas of interest.

Procedures for Inadvertent Discovery of Funerary Remains and Objects:

1. If ANY potentially sensitive Native American archaeological resources (see list on next page), human remains, or animal burials are encountered, all onsite work shall cease in the immediate area with a 50-foot buffer of the discovery location until Delaware Nation is consulted or unless prior agreements are in place. See list on next page for resources or feature warranting notification to our office.

2. The lead agency shall contact the following representatives immediately (concurrently with the SHPO):

Carissa Speck, *Historic Preservation Director*
cspeck@delawarenation-nsn.gov
405-901-1715 x 1301

Katelyn Lucas, *Historic Preservation Officer*
klucas@delawarenation-nsn.gov
405-544-8115

3. Place tobacco (looseleaf preferred) with human remains and/or funerary objects if possible, and cover and/or wrap them with a natural fiber cloth such as cotton or muslin (unbleached).

4. Absolutely NO photographs are to be taken of human remains, animal burials, or funerary objects, nor drawings made, unless deemed necessary in consultation with Delaware Nation. Any photographs or drawings should be redacted from any reports that will be broadly distributed, along with locational details. Just using written or textual descriptions of sites is preferred.

5. Human or animal remains and any items deemed funerary or sacred should NOT be cleaned or processed, and handling should be limited. Non-destructive "in-field" documentation of the remains and cultural items shall be carried out in consultation with Delaware Nation, who will determine appropriate methods of recordation depending upon the circumstances.

6. The preferred treatment of funerary materials and human or animal burials is to leave them in-situ (in place) and protect them from further disturbance. If remains and/or cultural items are to remain in-situ, the requirements of 43 CFR 10 Sections 10.4-10.6 will have been fulfilled.

7. Our preference is that NO remains or potential funerary artifacts should be taken off site and should be housed in on-site facilities until Delaware Nation consults on next steps. If remains or artifacts must be removed from the site, procedures must be determined in consultation with Delaware Nation. Delaware Nation requests that no artifacts, but especially funerary remains and objects, should ever be removed from the state they were found in, including for lab documentation or analysis purposes.

8. The specific location(s) of discoveries shall be withheld from public disclosure (with the exception of local law officials, necessary consulting agencies, and tribal officials as described above) and protected to the fullest extent by federal law.

DELAWARE NATION HISTORIC PRESERVATION
Inadvertent Discovery Policy & Protocols for Tribal Consultation

Delaware Nation's Historic Preservation Office treats ALL discoveries of Native American materials or features during any archaeological survey work and/or data recovery work essentially the same as inadvertent discoveries. We request daily or weekly updates on what artifacts and features are found (if any) so that we can consult on ALL stages of the work. We may send tribal monitors to be onsite during work, but still request updates regardless of whether or not we sent monitors to ensure everyone is kept informed and given time to review findings. Even in data recovery work where we expect that artifacts and/or remains will need to be removed and relocated to avoid destruction, we still expect to be consulted throughout the process to ensure all potential funerary or otherwise sacred materials are identified correctly and handled properly.

General Guidelines for Archaeological Work:

- NO artifacts should be taken off site, cleaned, processed, or be subject to invasive/destructive analysis—and should be housed in the on-site facilities—until they are reviewed by consulting Tribal Nations. **We underscore NO cleaning until review**, for cleaning both disrespects tribal protocols for sensitive materials and could destroy valuable scientific evidence on materials
- Our preference if human remains, animal burials, and/or funerary objects are discovered is always to leave them in-situ, halt all further work (following procedures on previous page), and request that projects avoid further impacts to the site
- If, in consultation with Delaware Nation, it is determined that funerary remains or objects canNOT be left in-situ and must be removed to protect them from destruction:
  Any soils or other materials collected with them or having touched them should be kept with them, as Delaware Nation will also want those repatriated. This includes ALL materials found in one soil profile above and below, even charcoal, soil samples, any debitage or other items

General Guidelines for Identifying Sensitive Materials:

Anything found within the same soil profile, or one soil profile above and below, of human remains OR animal burials is also considered funerary by our office and should be treated as such. We will want to review more closely anything else found within half a mile of the location so that we can assess the broader cultural landscape. Workers should be able to provide general information on where materials are being found even during ongoing work, so that we can flag other potentially sensitive sites. Below is a general list of items we would flag as sensitive **even if remains are not immediately present**, and request be treated as sensitive unless we receive additional information that would suggest otherwise.

- Human remains
- Animal burials or remains of unusual or non-food species (dog, eagle, hawk, bear, turtle, otter, fisher, bison)
- Shell middens
- Pottery in the following categories: complete pieces, pieces with effigies, large deposits, pieces intentionally/ceremonially broken
- Anything with carvings or effigies
- Crystals, fossils, fossilized teeth or bone
- Wampum or treaty medals
- Any metal or metal alloy materials including copper or brass wire, pendants, clothing adornments
- Any fabrics, textiles, and/or woven items including grass mats, especially if found in proximity to personal items
- Any materials with evidence of painting on them, painting making, or storage of paints, especially ochre
- Large deposits of debitage, points, tools, especially ones that look like they were intentionally/ceremonially broken
- Anything found with evidence of burning
- ALL personal items: including beads, jewelry, pendants, earrings, mirrors, combs, pipes (either complete pipes or pipe fragments), and human or animal figures. Sensitive beads include beads made of shell, bone/ivory, clay, wood, stone, or glass. European trade beads were adopted by Native Americans and used for personal clothing, jewelry, and ceremonial pieces.

12.1 – Sole Source Aquifers Map

Queens Botanical Garden Pavilion

Sole Source Aquifers Map

Legend

Project Area

Sole_Source_Aquifers

Data source: Sole Source Aquifers Interactive Map on 03/10/2026

12.2 – Signed MOU

MEMORANDUM OF UNDERSTANDING

BETWEEN

THE DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT
REGION II, NEW YORK, NEW YORK

AND

THE ENVIRONMENTAL PROTECTION AGENCY
REGION II, NEW YORK, NEW YORK

PURPOSE and GOAL

This Memorandum of Understanding (MOU) is established to assist the Environmental Protection Agency (EPA), Region II, and the Department of Housing and Urban Development (HUD), Region II, in meeting the Sole Source Aquifer (SSA) project review requirements of Section 1424(e) of the 1974 Safe Drinking Water Act (SDWA) PL 93-523.

The MOU establishes a formal agreement of each agency's responsibilities and the procedures to be followed in evaluating the potential groundwater impact of projects/activities submitted for HUD Federal financial assistance which are located within the project review area of a designated SSA in Region II.

Under Section 1424(e), an aquifer may be designated by EPA as a SSA if it is determined that the aquifer is the sole or principal source of drinking water for an area and, if contaminated, would create a significant hazard to public health. Following designation, no commitment of Federal financial assistance may be entered into for any project/activity within the SSA project review area which the EPA Administrator determines may contaminate the aquifer so as to create a significant hazard to public health.

The overall goal is to ensure that each project/activity receiving Federal financial assistance in a SSA project review area is designed and constructed in a manner that will prevent the introduction of contaminants into the SSA in quantities that may create a significant hazard to public health.

GEOGRAPHIC AREAS AFFECTED

This MOU applies to HUD federal financially assisted projects/activities in the project review area of all current and future designated SSAs in Region II.

Attachment 1, Designated SSAs in Region II, lists the designated SSA areas within the states of New York and New Jersey in EPA, Region II; the date of designation; and the Federal Register Notice citation. Attachment 1 also provides a map of the SSA project review area boundary for each of the designated aquifers. When any other SSAs are designated in Region II, EPA will notify HUD in writing.

DEFINITIONS

Significant Hazard to Public Health:

A level of contaminant which causes or may cause the aquifer to:

(a) Exceed any (1) maximum contaminant level set forth in any promulgated National Primary Drinking Water Standard; (2) state standard where more stringent than the Federal standard; (3) public health advisory level for currently unregulated contaminants; at any point where the water may be used for drinking purposes, or

(b) May otherwise adversely affect the health of persons, or

(c) May require a public water system to install additional treatment to prevent such adverse effect.

Federal Financial Assistance:

Financial benefits provided directly as aid to a project by a department, agency, or instrumentality of the federal government in any form including contracts, grants and loan guarantees. Actions or projects carried out by the federal government itself do not involve federal financial assistance.

Actions performed for the federal government by contractors should be distinguished from contracts entered into specifically for the purpose of providing financial assistance, and will not be considered programs or actions receiving Federal financial assistance.

Federal financial assistance is limited to benefits earmarked for a specific project or action and directly awarded to the project or action. Indirect assistance, e.g., in the form of a loan to a developer by a lending institution which in turn receives federal assistance not specifically related to the project in question is not federal financial assistance under Section 1424(e).

SSA Project Review Area:

The area within which federal financially assisted projects/activities will be reviewed, which includes the designated area and may include all or a portion of the streamflow source area(s). The designated area can include the area above the aquifer, the area which recharges the aquifer (possibly including all or a portion of the streamflow source area) and the area where the population served by the aquifer resides. Streamflow source zone is defined as the upstream headwaters area of losing streams (streams contributing to recharge to Ground Water) that drain into the recharge area. The extent of the SSA project review area is outlined in the Federal Register designation notice for that SSA. Attachment 1 lists the Federal Register Notice citation and provides a map of the SSA project review area.

MOU ATTACHMENTS

Attachment 1: Designated SSAs in Region II

Attachment 2: A. Non-Housing Initial Screen Criteria
B. Housing Initial Screen Criteria

Attachment 3: SSA Preliminary Review Information Requirements

Attachment 4: Hazardous Constituents

ENVIRONMENTAL REVIEW RESPONSIBILITY

Pursuant to Section 1424(e) of the SDWA, EPA is responsible for designating SSAs and reviewing federal financially assisted projects/activities within SSA project review areas.

Pursuant to the National Environmental Policy Act (NEPA) and other provisions of law, HUD is responsible for environmental review and decision making except in those cases delegated by law such as with Community Development Block Grant Program (CPD). Environmental responsibility includes compliance with Section 1424(e) of the SDWA.

EIS EARLY NOTIFICATION/SCOPING

If an Environmental Impact Statement (EIS) is prepared for a project/activity in a SSA project review area, HUD or its grant recipients that assume by law environmental responsibilities and EPA shall coordinate at the earliest possible time so that the draft EIS contains EPA's SSA review determination. This is to ensure that any possible groundwater contamination has been considered.

This early notification will serve to initiate consultations with the developer to determine the scope of study that may be necessary if any formal groundwater quality assessment is required.

REVIEW PROCESS:
COMMUNITY PLANNING AND DEVELOPMENT (CPD) and HOUSING PROGRAM

The general procedures to be followed by HUD, its delegated agencies and EPA in reviewing HUD federal financially assisted activities and determining their potential impact on the SSA are outlined below. The overall goal is to ensure that each project/activity receiving federal financial assistance is designed and constructed in a manner that will prevent the introduction of contaminants into the SSA in quantities that may create a significant hazard to public health. Two levels of potential review are: (1) Initial Screen/Preliminary Review, and (2) Formal Section 1424(e) Review.

I. Excluded Projects/Activities

EPA and HUD mutually agree that the following list of project/activity categories would not create a significant hazard to public health:

-Construction of individual new residential structures containing from one to four units

-Funding of planning grants

-Rehabilitation of residential units

-Funding of all other grants for non-construction projects/activities

-Projects identifed as exempt in 24 CFR 58.34

These categories of projects/activities are therefore excluded from the Initial Screen/Preliminary Review requirements as outlined in Sections II and III below. Potential CPD recipients; states; other delegated agencies and HUD are responsible for making this determination for their respective programs. EPA may request information on these projects/activities and conduct a review if EPA determines it to be necessary.

II. CPD Applications/Final Statements

A. Initial Screen/Preliminary Review

HUD shall notify all potential CPD recipients, including states that are administering HUD programs (Non-Entitlement Small Cities Program, etc.) and other delegated agencies with jurisdiction in SSA project review areas of the SSA review requirements under Section 1424(e) and of their responsibility as outlined in this MOU.

Potential CPD recipients shall conduct an initial screen of CPD projects/activities proposed for HUD federal financial assistance prior to submission of an application or final statement to HUD. Attachment 2.A, Non-Housing Initial Screen Criteria, shall be used for CPD projects/activities that do not involve housing; and Attachment 2.B, Housing Initial Screen Criteria, for CPD projects/activities involving housing only.

EPA shall be notified of any projects/activities which result in a positive response to one of the criteria questions in Attachment 2. Where a project/activity meets one of the criteria in Attachment 2, the information in Attachment 3, SSA Preliminary Review Information Requirements, shall also be completed and forwarded to EPA along with applicable project/final statement information.

Upon receipt of the above, EPA will conduct it's Preliminary Review. If additional information is required, EPA will inform the potential CPD recipient and HUD. The potential CPD recipient shall be responsible for submitting to EPA any additional information requested in a timely manner.

Based on the information provided, EPA will make its determination on whether to complete its review at this stage and provide SSA review clearance, or proceed to a Formal Section 1424(e) Review. The project/activity may be cleared as is, or with modifications.

B. Timeframe for **Preliminary Review** and Notification

Within fifteen calendar days of EPA's receipt of the project's final statement, Attachment 2 and Attachment 3, EPA will notify the potential CPD recipient and HUD of one or more of the following:

-the project/activity has received SSA review clearance
-the project/activity requires modifications to receive SSA review clearance
-additional environmental information is required
-additional time to review the project, is required
-the project/activity raises major environmental concerns requiring interagency consultation
-a Formal Section 1424(e) Review is required

If EPA does not notify HUD within 15 days of receipt of the project, HUD should proceed with its project review.

HUD shall not authorize a release of funds until all outstanding issues with regard to the subject project/activity have been resolved.

C. Formal Section 1424(e) Review

Should a Formal Section 1424(e) Review be required, EPA shall formally notify the potential CPD recipient and HUD of this decision. If additional information is required, the potential CPD recipient shall be responsible for submitting the requested information to EPA in a timely manner. EPA may also schedule a public hearing to gather additional information.

Based on the information provided, EPA shall make a determination to either approve the project/activity, request more information, suggest modifications or disapprove the project/activity.

III. **Housing Program Applications**

A. Initial Screen/Preliminary Review

HUD shall notify all of its field offices of the SSA review requirements under Section 1424(e) and of their responsibilities as outlined in this MOU.

HUD shall conduct an initial screen of housing projects proposed for HUD Federal financial assistance. Attachment 2.B, Housing Initial Screen Criteria, shall be used for this review. EPA shall be notified of any projects which result in a positive response to one of the criteria questions in Attachment 2.B. Where a project meets one of the criteria in Attachment 2.B, the information in Attachment 3, SSA Preliminary Review Information Requirements, shall also be completed and forwarded to EPA along with the applicable project information.

Upon receipt of the above, EPA will conduct its Preliminary Review. If additional information is required, EPA will inform the HUD field office who shall than be responsible for submitting to EPA the requested information in a timely manner.

Based on the information provided, EPA will make its determination on whether to complete its review at this stage and provide SSA review clearance or proceed to a Formal Section 1424(e) Review. The project may be cleared in its existing form, or with modifications.

B. Timeframe for **Preliminary Review** and Notification

Within fifteen calendar days of EPA's receipt of the pertinent environmental information from the housing application, Attachment 2 and Attachment 3, EPA will notify HUD of one or more of the following:

- -the project has received SSA review clearance
- -the project requires modifications to receive SSA review clearance
- -additional environmental information is required
- -additional time to review the project is required
- -the project raises major environmental concerns requiring interagency consultation
- -a Formal Section 1424(e) Detailed Review is required

The project environmental clearance needed for project approval shall not be considered complete (appropriate sign-offs) until outstanding SSA issues with regard to the subject project have been satisfactorily resolved.

If EPA does not notify HUD within 15 days of receipt of the project, HUD should proceed with its project review.

C. Formal Section 1424(e) Review

Should a Formal Section 1424(e) Review be required, EPA shall formally notify HUD of this decision. If additional information is required, HUD shall be responsible for submitting the requested information to EPA in a timely manner. A public hearing may be held to gather additional information.

Based on the information provided, EPA shall make a determination to either approve the project, request more information, suggest modifications or disapprove the project.

D. Local Area Certification For Housing Environmental Review

If the community is wholly or partially within a SSA project review area boundary, the local certified agency shall have the same responsibility as HUD in meeting the SSA review requirements as outlined in Section 1424(e) and this MOU.

GENERAL PROCEDURAL MATTERS

Materials submitted to EPA by HUD or the applicant will be addressed to the attention of:

Chief, Environmental Impacts Branch
U.S. EPA Region II
26 Federal Plaza, Room 500
New York, New York 10278

Chief, Environmental Review Section
USEPA Region 2
290 Broadway, 25th floor
New York, NY 10007

The following representatives will serve as liaisons for HUD and EPA respectively. The liaisons will maintain communication as needed regarding projects/activities affecting the SSAs and this MOU.

HUD: Regional Office Environmental Officer
(212) 264-0793

EPA: Chief, Environmental Impacts Branch
(212) 264-1840

Chief, Environmental Review Section
212-637-3738

This MOU is subject to revision upon agreement by both parties.

U.S. Department of Housing and Urban Development

A. M. Villane, Jr., DDS
Regional Administrator/
Regional Housing Commissioner

Date: AUG 24 1990

U.S. Environmental Protection Agency

Constantine Sidamon-Eristoff
Regional Administrator

Date: 8/10/90

ATTACHMENT 1

DESIGNATED SOLE SOURCE AQUIFERS IN REGION II

Name	State	Citation	Publication Date
Brooklyn/Queens Aquifer System (AS)	NY	49 FR 2950	01/24/84
Buried Valley AS	NJ	45 FR 30537	05/08/80
Cattaraugus Creek AS	NY	52 FR 36100	09/25/87
Clinton Street-Ballpark AS	NY	50 FR 2025	01/14/85
Cortland-Homer-Preble AS	NY	53 FR 22045	06/13/88
Highlands AS	NJ/NY	52 FR 37213	10/05/87
Nassau/Suffolk	NY	43 FR 26611	06/21/78
New Jersey Coastal Plain AS	NJ	53 FR 23791	06/24/88
Northwest New Jersey Fifteen Basin AS	NJ	53 FR 23685	06/23/88
Ridgewood Area	NJ	49 FR 2943	01/24/84
Schenectady/Niskayuna AS	NY	50 FR 2022	01/14/85
Upper Rockaway River Basin AS	NJ	49 FR 2946	01/24/84

ATTACHMENT 2.A

NON-HOUSING PROJECT/ACTIVITY INITIAL SCREEN CRITERIA
(For projects in a designated Sole Source Aquifer area)

The following list of criteria questions are to be used as an initial screen to determine which **non-housing** projects/activities should be forwarded to the Environmental Protection Agency (EPA) for Preliminary Sole Source Aquifer (SSA) Review. (For housing projects/activities see Attachment 2.B) If any of the questions are answered affirmatively, Attachment 3, SSA Preliminary Review Requirements, should also be completed. The application/final statement, this Attachment, Attachment 3, and any other pertinent information should than be forwarded to EPA at the address below.

Any project/activity not meeting the criteria in this Attachment, but suspected of having a potential adverse effect on the Sole Source Aquifer should also be forwarded. Contact EPA if you have any questions.

Chief, Environmental Impacts Branch
USEPA Region II
26 Federal Plaza, Room 500
New York, New York 10278
(212) 264-1840

Chief, Environmental Review Section
USEPA Region 2
290 Broadway, 25th floor
New York, NY 10007
212-637-3738

CRITERIA QUESTIONS

	YES	NO	N/A
1. Is the project/activity located within a currently designated or proposed groundwater sensitive area such as a special Ground Water Protection Area, Critical Supply Area, Wellhead Protection Area etc.? [This information can be obtained from the County or Regional planning board, the local health department, the State health department or the State environmental agency.]	___	___	___
2. Is the project/activity located within a one half mile radius (2640 feet) of a current or proposed public water supply well or wellfield? [This information can be obtained from the local health department, the State health department or the State environmental agency.]	___	___	___

3. Will the project/activity include or directly cause: (check appropriate items)

- construction or expansion of solid waste disposal, recycling or conversion facilities	___	___	___
- construction or expansion or closure of landfills	___	___	___
- construction or expansion of water supply facilities (i.e., treatment plant, pump house, etc.)	___	___	___
- construction or expansion of on-site wastewater treatment plants or sewage trunk lines, greater than 1/4 mile	___	___	___
- construction or expansion of gas or petroleum trunk lines, greater than 1200 feet	___	___	___
- construction or expansion of railroad spurs or similar extensions	___	___	___
- construction or expansion of municipal sewage treatment plants	___	___	___

4. Will the project/activity include storage or handling of any hazardous constituents as listed in Attachment 4, Hazardous Constituents? ___ ___ ___

   If these constituents are used during the construction phase of the project, than an assurance statement must be provided indicating that chemicals will be used in a safe and proper manner, and that they will be promptly removed after construction is completed.

5. Will the project/activity include bulk storage of petroleum in underground or above ground tanks in excess of 1100 gallons? ___ ___ ___

6. Will the project/activity require a federal or state discharge elimination permit or modification of an existing permit? ___ ___ ___

This attachment was completed by:

Name: _____

Title: _____

Address: _____

_____

_____

Telephone number: _____

Date: _____

ATTACHMENT 2.B

HOUSING/PROJECT INITIAL SCREEN CRITERIA
(For projects in a designated Sole Source Aquifer area.)

The following list of criteria questions are to be used as an initial screen to determine which **housing** projects/activities should be forwarded to the Environmental Protection Agency (EPA) for Preliminary Sole Source Aquifer (SSA) Review. (For non-housing projects see Attachment 2.A). If any of the questions are answered affirmatively, Attachment 3, SSA Preliminary Review Requirements, should also be completed. The application/final statement, this Attachment, Attachment 3, and applicable project information than be forwarded to EPA at the address below.

Any project not meeting the criteria in this Attachment, but suspected of having a potential adverse effect on the Sole Source Aquifer should also be forwarded. Contact EPA if you have any questions.

Chief, Environmental Impacts Branch
USEPA, Region II
26 Federal Plaza, Room 500
New York, New York 10278
(212) 264-1840

Chief, Environmental Review Section
USEPA Region 2
290 Broadway, 25th floor
New York, NY 10007
212-637-3738

CRITERIA QUESTIONS:

	YES	NO	N/A
1. Is the project located within a currently designated or proposed ground water sensitive area such as a Special Ground Water Protection Area, Critical Supply Area, Wellhead Protection Area etc.? [This information can be obtained from the County or Regional planning board, the local health department, the State health department or the State environmental agency.]	___	___	___
2. Is the project located within a one half mile radius (2640 feet) of a current or proposed public water supply well or wellfield? [This information can be obtained from the local health department, the State health department or the State environmental agency.]	___	___	___
3. Will the total impervious surfaces be greater than 75 percent?	___	___	___
4. Is the propsed project site greater than 30 acres?	___	___	___
5. Will the proposed density of the project be greater than 150 units per acre ?	___	___	___

6. Will the project include or directly cause: (check appropriate items)
   - construction or expansion of water supply facilities (i.e., treatment plant, pumphouse, etc.) ___ ___ ___
   - construction or expansion of on-site wastewater treatment plants ___ ___ ___
   - construction or expansion of sewage trunk lines greater than 1320 feet in length ___ ___ ___
   - construction or expansion of gas or petroleum trunk lines greater than 1320 feet ___ ___ ___

7. Will the project include storage or handling of any hazardous constituents as listed in Attachment 4, Hazardous Constituents? If these constituents are used during the construction phase of the project, an assurance statement must be provided indicating that chemicals will be used in a safe and proper manner, and they will be promptly removed after construction is completed. ___ ___ ___

8. Will the project include bulk storage of petroleum in underground or above ground tanks in excess of 10,000 gallons or permit verification? ___ ___ ___

9. Will the project require a federal or state pollutant discharge elimination permit or modification of an existing permit? ___ ___ ___

This attachment was completed by:

Name: _____

Title: _____

Address: _____

_____

_____

Telephone number: _____

Date: _____

ATTACHMENT 3

SSA PRELIMINARY REVIEW INFORMATION REQUIREMENTS

Where currently available, the information in this Attachment should be provided to the Environmental Protection Agency (see address below) along with the application/final statement; Attachment 2.A, Non-Housing Initial Screen Criteria or Attachment 2.B, Housing Initial Screen Criteria; and any other information which may be pertinent to a Sole Source Aquifer review. Where applicable, indicate the source of your information.

Chief, Environmental Impacts Branch
USEPA, Region II
26 Federal Plaza, Room 500
New York, New York 10278
(212) 264-1840

Chief, Environmental Review Section
USEPA Region 2
290 Broadway, 25th floor
New York, NY 10007
212-637-3738

	ENCLOSED YES	NO
I. Project/Activity Location		
1. Provide the geographic location and total acreage of the project/activity site. Include a site location map which identifies the site in relation to the surrounding area. [Examples of maps which can be used include: 1:24,000 or 1:25,000 U.S. Geological Survey quadrangle sheet, Hagstroms Street Map.]	___	___
2. If applicable, identify which groundwater sensitive areas (Special Ground Water Protection Area, Critical Supply Area, Wellhead Protection Area etc.) the project/activity is located within or adjacent to. [This information may be obtained from the County or Regional planning board, the local health department, the State health department or the State environmental agency.]	___	___
II. Nature of Project/Activity		
3. Provide a general narrative describing the project/activity including but not limited to: type of facility; type of activities to be conducted; number and type of units; number of residents etc. Provide the general layout of the project/activity site and a site-plan if available.	___	___

III. Public Water Supply

4. Provide a description of plans to provide water supply. ___ ___

5. Provide the location of nearby existing or proposed public water supply wells or wellfields within a one half mile radius (2640 feet) of the project/activity. Provide the name of the supplier(s) of those wells or wellfields. This information should be available from the local health department, State health department or the State environmental agency. If private wells are to be used, then information necessary to obtain a well drilling permit should be provided. ___ ___

V. Wastewater and Sewage Disposal

6. Provide a description of plans to handle wastewater and sewage disposal. If the project/activity is to be served by existing public sanitary sewers provide the name of the sewer district. ___ ___

7. Provide a description of plans to handle storm water runoff. ___ ___

8. Identify the location, design, size of any on-site recharge basins, dry wells, leaching fields, retention ponds etc. ___ ___

VI. Use, Storage, Transport of Hazardous or Toxic Materials **(Applies only to non-housing projects/activities)**

9. Identify any products listed in Attachment 3, Hazardous Constituents, of the Housing and Urban Development-Environmental Protection Agency Memorandum of Understanding which may be used, stored, transported, or released as a result of the construction activity. ___ ___

10. Identify the number and capacity of underground storage tanks at the project/activity site. Identify the products and volume to be stored, and the location on the site. ___ ___

11. Identify the number and capacity of above ground storage tanks at the project/activity site. Identify the products and volume to be stored, and the location on the site. ___ ___

This form was completed by:

Name: _____

Title: _____

Address: _____

_____

_____

Telephone number: _____

Date: _____

ATTACHMENT 4 HAZARDOUS CONSTITUENTS

Source: adapted from 40 CFR Ch.I (7-1-87 Edition)
Part 261, App. VII

Common Name	Chemical abstracts name
Acetonitrile	Same
Acetophenone	Ethanone, 1-phenyl-
2-Acetylaminofluorene	Acetamide, N-9H-fluoren-2yl-
Acetyl Chloride	Same
1-Acetyl-2-thiourea	Acetamide, N-(aminothioxymethyl)-
Acrolein	2-Propenal
Acrylamide	2-Propenamide
Acrylonitrile	2-Propenenitrile
Aflatoxins	Aflatoxin
Aldicarb	Propanal, 2-methyl-2-(methylthio)-, O[(methylamino)carbonyl]oxime
Aldrin	1,4:5,8-Dimethanonapthalene, 1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydro-, (1alpha, 4alpha, 4beta, 5alpha, 8alpha, 8beta)-
Allyl alcohol	2-Propen-1-ol
Allyl chloride	1-Propane, 3-chloro-
Aluminum phosphide	Same
4-Aminobiphenyl	(1,1'-Biphenyl)-4-amine
5-(Aminomethyl)-3-isoxazolol	3(2H)-isoxazolone, 5-(aminomethyl)-
4-Aminopyridine	4-Pyridineamine
Amitrole	1H-1,2,4-Triazol-3-amine
Ammonium vandate	Vanadic acid, ammonium salt
Aniline	Benzenamine
Antimony and compounds, NOS	Antimony
Aramite	Sulfurous acid, 2-chlorethyl-, 2-[4-(1,1-dimethylethyl) phenoxy]-1-methylethyl ester
Arsenic and compounds, NOS	Arsenic
Arsenic acid	Arsenic acid AsH3O4
Arsenic pentoxide	Arsenic oxide As2O5
Arsenic trioxide	Arsenic oxide As2O3
Auramine	Benzamine, 4,4'-carbonimidoylbis[N,N-dimethyl-
Azaserine	L-Serine, diazoacetate (ester)
Barium and compounds NOS	Barium
Barium cyanide	Same
Benz[c]acridine	Same
Benz[a]anthracene	Same
Benzal chloride	Benzene, (dichloromethyl)-
Benzene	Same
Benzenearsonic acid	Arsonic acid, phenyl-
Benzidine	[1,1'-Biphenyl]-4,4'-diamine
Benzo[b]fluorathene	Benz[e]acephenanthrylene
Benzo[j]fluorathene	Same
Benzo[a]pyrene	Same

p-Benzoquinone	2,5-Cyclohexadiene-1,4-dione
Benzotrichloride	Benzene, (trichloromethyl)-
Benzyl chloride	Benzene, (chloromethyl)-
Beryllium and compounds NOS	Beryllium
Bis(2-chloromethoxy)ethane	Ethane, 1,1'-[methylenebis(oxy)]bis[2-chloro-
Bis(2-chloroethyl)ether	Ethane, 1,1'-oxybis[2-chloro-
Bis(2-chloroisopropyl)ether	Propane, 2,2'-oxybis[2-chloro-
Bis(chloromethyl)ether	Methane, oxybis[chloro-
Bis(2-ethylhexyl) phthalate	1,2-Benzenedicarboxylic acid, bis(2-ethylhexyl) ester.
Bromoacetone	2-Propanone, 1-bromo-
Bromoform	Methane, tribromo-
4-Bromophenyl phenyl ether	Benzene, 1-bromo-4-phenoxy
Brucine	Strychnidin-10-one, 2,3-dimethoxy
Butyl benzyl phthalate	1,2-Benzenedicarbozylic acid, butyl phenylmethyl
Cacodylic acid	arsenic acid, dimethyl-
Cadmium and compounds NOS	Cadmium
Calcium chromate	Chromic acid, calcium salt
Calcium cyanide	Same
Carbon disulfide	Carbon bisulfide
Carbon oxyfluoride	Carbonic difluoride
Carbon tetrachloride	Methane, tetrachloro-
Chloral	Acetaldehyde, trichloro-
Chlorambucil	Benzenebutanoic acid, 4-[bis(2-chloroethyl)amino-
Chlordane, alpha and gamma isomers	4,7-Methano-1H-indene, 1,2,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-hexahydro-
Chlorinated benzenes, NOS	
Chlorinated ethane, NOS	
Chlorinated fluorocarbons NOS	
Chlorinated naphthalene, NOS	
Chlorinated phenol, NOS	
Chlornaphazine	2-Naphthalenamine, N,N-bis(2-chloroethyl)-
Chloroacetaldehyde	Acetaldehyde, chloro-
Chloroalkyl ethers, NOS	
p-Chloroaniline	Benzenamine, 4-chloro-
Chlorobenzene	Benzene, chloro-
Chlorobenzilate	Benzeneacetic acid, 4-chloro-alpha-(4-chlorophenyl)-alpha-hydroxy-, ethyl ester
p-Chloro-m-cresol	Phenol, 4-chloro-3-methyl-
1-Chloro-2,3-epoxypropane	Oxirane, (chloromethyl-)
2-Chloroethyl vinyl ether	Ethene, (2-chloroethoxy)-
Chloroform	Methane, trichloro-
Chloromethyl methyl ether	Methane, chloromethoxy-
beta-Chloronaphthalene	Napthalene, 2-chloro-
o-Chlorophenol	Phenol, 2-chloro-
1-(o-Chlorophenyl) thiourea	Thiourea, (2-chlorophenyl)-
Chloroprene	2-Chloro-1,3-butadiene
3-Chloropropionitrile	Propanenitrile, 3-chloro-
Chromium and compounds NOS	Chromium
Chrysene	Same
Citrus red No. 2	2-Napthalenol, 1-[(2,5-dimethoxyphenyl)azo]-
Coal tars	
Copper cyanide	Copper cyanide CuCN

Creosote	Same
Cresols (Cresylic acid)	Phenol, methyl-
Crotonaldehyde	2-Butenal
Cyanides (soluble salts and complexes) NOS	
Cyanogen	Ethanedinitrile
Cyanogen bromide	Same
Cyanogen chloride	Same
Cycasin	beta-D-Glucopyranoside, (methyl-ONN-azoxy)methyl..
2-Cyclohexyl-4,6-dinitrophenol	Phenol, 2-cyclohexyl-4,6-dinitro-
Cyclophosphamide	2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis) 2-chloroethyl)tetrahydro-, 2-oxide
2,4-D, salts and esters	Acetic acid, (2,4-dichlorophenoxy)-, salts and esters..
Daunomycin	5,12-Napthacenedione,(8S-cis)-8-acetyl-10-[(3-amino-2,3,6-trideoxy-alpha-L-lyxo-hexoypranosyl)oxy]-7,8,9,10-tetrahydro-6,8,11-trihydroxy-1-methoxy-
DDD	Benzene, 1,1'-(2,2-dichloroethylidene)bis[4-chloro-
DDE	Benzene, 1,1'-(dichloroethenylindene)bis[4-chloro-
DDT	Benzene, 1,1'-(2,2,2-trichloroethylidene)bis[4-chloro-
Diallate	Carbamothioic acid, bis(1-methylethyl)-S-(2,3-dichloro-2-propenyl) ester
Dibenz[a,h]acridine	Same
Dibenz[a,j]acridine	Same
Dibenz[a,h]anthracene	Same
7H-Dibenzo[c,g]carbazole	Same
Dibenzo[a,e]pyrene	Naptho[1,2,3,4-def]chrysene
Dibenzo[a,h]pyrene	Dibenzo[b,def]chrysene
Dibenzo[a,i]pyrene	Benzo[rst]pentaphene
1,2-Dibromo-3-chloropropane	Propane, 1,2-dibromo-3-chloro-
Dibutylphthalate	1,2-Benzenedicarboxylic acid, dibutyl ester
o-Dichlorobenzene	Benzene, 1,2-dichloro-
m-Dichlorobenzene	Benzene, 1,3-dichloro-
p-Dichlorobenzene	Benzene, 1,4-dichloro-
Dichlorobenzene NOS	Benzene, dichloro-
3,3'-Dichlorobenzidine	[1,1'-Biphenyl]-4,4'-diamine, 3,3'-dichloro-
1,4-Dichloro-2-butene	2-Butene, 1,4-dichloro-
Dichlorodifluoromethane	Methane, dichlorodifluoro-
1,2-Dichloroethylene	Ethene, 1,2-dichloro-, (E)-
Dichloroethylene, NOS	Dichloroethylene
1,1-Dichloroethylene	Ethene, 1,1-dichloro-
2,4-Dichlorophenol	Phenol, 2,4-dichloro-
2,6-Dichlorophenol	Phenol, 2,6-dichloro-
Dichlorophenylarsine	Arsonous dichloride, phenyl-
Dichloropropane, NOS	Propane, dichloro-
Dichloropropanol, NOS	Propanol, dichloro-
Dichloropropene, NOS	1-Propene, dichloro-
1,3-Dichloropropene	1-Propene, 1,3-dichloro-
Dieldrin	2,7:3,6-Dimethanonaphth[2,3-b]oxirene,3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a,7,7a-octahydro-, (1aalpha,2beta,2aalpha,3beta,6beta,6aalpha, 7beta,7aalpha)-
1,2:3,4-Diepoxybutane	2,2'-Bioxirane

Diethylarsine	Arsine, diethyl-
1,4 Diethyleneoxide	1,4 Dioxane
N,N'-Diethylthydrazine	Hydrazine, 1,2-diethyl-
O,O-Diethyl S-methyldithiophosphate	Phosphorodithioic acid, O,O-diethyl S-methyl ester
Diethyl-p-nitro phenyl phosphate	Phosphoric acid, diethyl-4-nitrophenyl ester
Diethylphthalate	1,2-Benzenedicarboxylic acid, diethyl ester
O,O-Diethyl O-pyrazinyl phosphorothioate	Phosphorothioic acid, O,O-diethyl O-pyrazinyl ester
Diethylstilbesterol	Phenol, 4,4'-(1,2-diethyl-1,2-ethenediyl)bis,(E)
Dihydrosafrole	1,3 Benzodioxole, 5-propyl-
3,4-Dihydroxy-alpha-(methylamino) methyl benzyl alcohol	(+ -)-1,2-Benzenediol, 4-[1-hydroxy-2-(methylamino)ethyl]-
Diisopropylfluorophosphate (DFP)	Phosphorofluoridic acid, bis(1-methylethyl)ester
Dimethoate	Phosphorodithioic acid, O,O-dimethyl S-[2-
3,3'-Dimethoxybenzidine	[1,1'-Biphenyl]-4,4'-diamine, 3,3'-dimethoxy-
p-Dimethylaminoazobenzene	Benzenamine, N,N-dimethyl-4-(phenylazo)-
7,12-Dimethylbenz[a]anthracene	Benz[a]anthracene, 7,12-dimethyl
3,3'-Dimethylbenzidine	[1,1'-Biphenyl]-4,4'-diamine, 3,3'-dimethyl-
Dimethylcarbamoyl chloride	Carbamic chloride, dimethyl-
1,1-Dimethylhydrazine	Hydrazine, 1,1-dimethyl-
1,2-Dimethythydrazine	Hydrazine, 1,2-dimethyl-
alpha, alpha-Dimethylphenethylamine	Benzeneethanamine, alpha,alpha-dimethyl-
2,4-Dimethylphenol	Phenol, 2,4-dimethyl-
Dimethylphthalate	1,2-Benzenedicarboxylic acid, dimethyl ester
Dimethyl sulfate	Sulfuric acid, dimethyl ester
Dinitrobenzene, NOS	Benzene, dinitro-
4,6-Dinitro-o- cresol and salts	Phenol, 2-methyl-4,6-dinitro- and salts
2,4-Dinitrophenol	Phenol, 2,4-dinitro-
2,4-Dinitrotoluene	Benzene, 1-methyl-2,4-dinitro-
2,6-Dinitro toluene	Benzene, 2-methyl-1,3-dinitro-
Dinoseb	Phenol, 2-(l-methylpropyl)-4,6-dinitro-
Di-n-octylphthalate	1,2-Benzenedicarboxylic acid, dioctyl ester
Diphenylamine	Benzenamine, N-phenyl-
1,2-Diphenylhydrazine	Hydrazine, 1,2-diphenyl-
Di-n-propylnitrosamine	1-Propanamine, N-nitroso-N-propyl-
Disulfoton	Phosphorodithioic acid, O,O-diethyl S-[2-(ethylthio)ethyl] ester
Dithiobiuret	Thioimidodicarbonic diamide
Endosulfan	6,9-Methano-2,4,3-benzodioxathiepen, 6,7,8,9,10,10 -hexachloro-1,5,5a,6,9,9a-hexahydro-,3-oxide
Endothal	7-Oxabicyclo[2.2.1]heptane-2,3-dicarboxylic acid
Endrin	2,7:3,6-Dimethanonapth[2,3-b]oxirene,3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a,7,7a-octahydro-,1aalpha, 2beta,2abeta,3alpha,6alpha,6abeta,7beta,7aalpha)-
Ethyl carbamate (urethane)	Carbamic acid, ethyl ester
Ethyl cyanide	Propanenitrile
Ethylenebisdithiocarbamic acid, salt and esters	Carbamodithioic acid, 1,2-ethanediylbis-, salts and esters
Ethylene dibromide	Ethane, 1,2-dibromo-
Ethylene dichloride	Ethane, 1,2-dichloro-
Ethylene glycol monoethyl ether	Ethanol, 2-ethoxy-
Ethyleneimine	Aziridine

Ethylene oxide	Oxirane
Ethylenethiourea	2-Imidazolidinethione
Ethylidene dichloride	Ethane, 1,1-dichloro-
Ethyl methacrylate	2-Propenoic acid, 2-methyl-, ethyl ester
Ethylmethane sulfonate	Methanesulfonic acid, ethyl ester
Famphur	Phosphorothioic acid, 0-[4-[(dimethylamino) sulfonyl] phenyl] O,O-dimethyl ester
Fluoranthene	Same
Fluorine	Same
Fluoroacetamide	Acetamide, 2-fluoro-
Fluoroacetic acid, sodium salt	Acetic acid, fluoro-, sodium salt
Formaldehyde	Same
Glycidylaldehyde	Oxiranecarboxyaldehyde
Halomethane, NOS	
Heptachlor	4,7-Methano-1H-indene, 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-
Heptachlor epoxide	2,5-Methano-2H-indeno[1,2b]oxirene,2,3,4,5,6,7,7-heptachloro- 1a,1b,5,5a,6,6a-hexahydro-alpha, beta and gamma isomers)
Hexachlorobenzene	Benzene, hexachloro-
Hexachlorobutadiene	1,3-Butadiene, 1,1,2,3,4,4-hexachloro-
Hexachlorocyclopentadiene	1,3-Cyclopentadiene, 1,2,3,4,5,5-hexachloro-
Hexachlorodibenzo-p-dioxins	
Hexachlorodibenzofurans	
Hexachloroethane	Ethane, hexachloro-
Hexachlorophene	Phenol, 2,2'-methylenebis[3,4,6-trichloro-
Hexachloropropene	1-Propene, hexachloro-
Hexaethyltetraphosphate	Tetraphosphoric acid, hexaethyl ester
Hydrazine	Same
Hydrogen cyanide	Hydrocyanic acid
Hydrogen fluoride	Hydrofluoric acid
Hydrogen sulfide	Same
Indeno[1,2,3cd]pyrene	Same
Iron dextran	Same
Isobutyl alcohol	1-Propanol, 2-methyl-
Isodrin	1,4:5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydrol-1alpha,4alpha, 4beta,5beta,8beta,8beta-
Isosafrole	1,3-Benzodioxole, 5-(1-propenyl)-
Kepone	1,3,4-Metheno-2H-cyclobuta[cd]pentalen-2-one, 1,1a,3,3a,4,5,5,5a,5b,6-decachlorooctahydro-
Lasiocarpine	2-Butenoic acid, 2-methyl-,7-[(2,3-dihydroxy-2-(1-methoxyethyl)-3-methyl-1-oxobutoxy)methyl]-2,3,5,7a-tetrahydro-1H-pyrrolizin-1-ester, [1S-[1alpha(Z),7(2s,3R),7alpha]]-
Lead and compounds NOS	
Lead acetate	Acetic acid, lead(2 +) salt
Lead phosphate	Phosphoric acid, lead (2 +) salt
Lead subacetate	Lead, bis(acetato-O)tetrahydroxytri-
Lindane	Cyclohexane, 1,2,3,4,5,6-Hexachloro-
Maleic anhydride	2,5-Furandione
Maleic hydrazide	3,6-Pyridazinedione, 1,2-dihydro-

Malonoitrile	Propanedinitrile
Melphalan	L-Phenylalanine, 4-[bis(2-chloroethyl)amino]-
Mercury fulminate	Fulminic acid, mercury (2 +) salt
Mercury and compounds NOS	Same
Methacrylonitrile	2-Propanenitrile, 2-methyl-
Methapyrilene	1,2-Ethanediamine, N,N-dimethyl-N'-2-pyridinyl-N'-(2-thienylmethyl)-
Methomyl	Acetimidic acid, N-[(methylcarbamoyl)oxy]thio-, methyl ester
Methoxychlor	Benzene, 1,1'-(2,2,2-trichloroethylidene)[4-methoxy-
Methyl bromide	Methane, bromo-
Methyl chloride	Methane, chloro-
Methylchlorocarbonate	Carbonchloridic acid, methyl ester
Methyl chloroform	Ethane, 1,1,1-trichloro-
3-Methylcholanthrene	Benz[j]aceanthrylene, 1,2-dihydro-3-methyl-
4,4'-Methylenebis(2-chloroaniline)	Benzenamine, 4,4'-methylenebis[2-chloro-
Methylene bromide	Methane, dibromo-
Methylene chloride	Methane, dichloro-
Methyl ethyl ketone (MEK)	2-Butanone
Methyl ethyl ketone peroxide	2-Butanone, peroxide
Methyl hydrazine	Hydrazine, methyl-
Methyl iodide	Methane, iodo-
Methyl isocyanate	Methane, isocyanato-
2-Methyllactonitrile	Propanenitrile, 2-hydroxy-2-methyl-
Methyl methacrylate	2-Propenoic acid, 2-methyl-, methyl ester
Methyl methanesulfonate	Methanesulfonic acid, methyl ester
Methyl parathion	Phosphorothioic acid, O,O-dimethyl O-(4-nitrophenyl) ester
Methylthiouracil	4(1H)-Pyrimidinone, 2,3-dihydro-6-methyl-2-thioxo-
Mitomycin C	Azirino[2',3':3,4]pyrrolo[1,2-a]indole-4,7-dione,6amino-8[[(aminocarbonyl)oxy]methyl]-1,1a,2,8,8a,8b-hexahydro-8a-methoxy-5-methyl-[1aR-(1aalpha,8beta,8aalpha,8alpha)]-
MNNG	Guanidine, N-methyl-N'-nitro-N-nitroso-
Mustard gas	Ethane, 1,1'-thiobis[2-chloro-
Napthalene	Same
1,4-Naphthloquinone	1,4-Naphthalenedione
alpha-Naphthylamine	1-Naphthalenamine
beta-Naphthylamine	2-Naphthalenamine
alpha-Naphthylthiourea	Thiourea, 1-naphthalenyl-
Nickel and compounds NOS	Same
Nickel carbonyl	Nickel carbonyl, (T-4)-
Nickel cyanide	Same
Nicotine and salts	Pyridine, (S)-3-(1-methyl-2-pyrrolidinyl)-, and salts
Nitric oxide	Nitrogen oxide NO
p-Nitroaniline	Benzenamine, 4-nitro-
Nitrobenzene	Benzene, nitro-
Nitrogen dioxide	Nitrogen oxide NO2
Nitrogen mustard and hydrochloride salt	Ethanamine, 2-chloro, N-(2-chloroethyl)-N-methyl-, and hydrochloride salt
Nitrogen mustard N-oxide and hydrochloride salt	Ethanamine, 2-chloro-N-(2-chloroethyl)-N-methyl, N-oxide, and hydrochloride salt

Nitroglycerin	1,2,3-Propanetriol, trinitrate
p-Nitrophenol	Phenol, 4-nitro-
2-Nitropropane	Propane, 2-nitro-
4-Nitroquinoline-1-oxide	Quinoline, 4-nitro-1-oxide-
Nitrosamine, NOS	
N-Nitrosodi-n-butylamine	1-Butanamine, N-butyl-N-nitroso-
N-Nitrosodiethanolamine	Ethanol, 2,2'-(nitrosoimino)bis-
N-Nitrosodiethylamine	Ethanamine, N-ethyl-N-nitroso-
N-Nitrosodimethylamine	Methamine, N-methyl-N-nitroso-
N-Nitro-N-ethyl urea	Urea, N-ethyl-N-nitroso-
N-Nitrosomethylethylamine	Ethanamine, N-methyl-N-nitroso-
N-Nitroso-N-methylurea	Urea, N-methyl-N-nitroso-
N-Nitroso-N-methylurethane	Carbamic acid, methylnitroso-, ethyl ester
N-Nitrosomethylvinylamine	Vinylamine, N-methyl-N-nitroso-
N-Nitrosomorpholine	Morpholine, N-nitroso-
N-Nitrosonornicotine	Pyridine, 3-(1-nitroso-2-pyrrolidinyl)-,(S)-
N-Nitrosopiperidine	Piperidine, 1-nitroso-
Nitrosopyrrolidine	Pyrrolidine, 1-nitroso-
N-Nitrososarcosine	Glycine, N-methyl-N-nitroso-
5-Nitro-o-toluidine	Benzenamine, 2-methyl-5-nitro-
Octamethylprophosphoramide	Diphosphoramide, octamethyl-
Osmium tetroxide	Osmum oxide (OsO4)
Paraldehyde	1,3,5-Trioxane, 2,4,6-trimethyl-
Parathion	Phosphorothioic acid, O,O-diethyl O-(4-nitrophenyl) ester
Pentachlorobenzene	Benzene, pentachloro-
Pentachlorodibenzo-p-dioxins	
Pentachlorodibenzofurans	
Pentachloroethane	Ethane, pentachloro-
Pentachloronitrobenzene (PCNB)	Benzene, pentachloronitro-
Pentachlorophenol	Phenol, pentachloro-
Phenacetin	Acetamide, N-(4-ethoxyphenyl)-
Phenol	Same
Phenylenediamine	Benzenediamine
Phenylmercury acetate	Mercury, (acetato-O)phenyl-
Phenylthiourea	Thiourea, phenyl-
Phosgene	Carbonic dichloride
Phosphine	Same
Phorate	Phosphorodithioic acid, O,O-diethyl S-[(ethylthio)methyl] ester
Phthalic acid esters, NOS	
Phthalic anhydride	1,3-isobenzofurandione
2-Picoline	Pyridine, 2-methyl-
Polychlorinated biphenyls NOS	
Potassium cyanide	Same
Potassium silver cyanide	Argentate(1-), bis(cyano-C)-, potassium
Pronamide	Benzamide, 3,5-dichloro-N-(1,1-dimethyl-2-propynyl)-
1,3-Propane sultone	1,2-Oxathiolane, 2,2-dioxide
n-Propylamine	1-Propanamine
Propargyl alcohol	2-Propyn-l-ol
Propylene dichloride	Propane, 1,2-dichloro-
1,2-Propylenimine	Aziridine, 2-methyl-

Propylthiouracil	4(1H)-Pyrimidinone, 2,3-dihydro-6-propyl-2-thioxo-
Pyridine	Same
Reserpinen	Yohimban-16-carboxylic acid, 11,17-dimethoxy-18-[(3,4,5-trimethoxybenzoyl)oxy]-, methyl ester
Resorcinol	1,3-Benzenediol
Saccharin and salts	1,2-Benzisothiazol-3(2H)-one, 1,1-dioxide and salts
Safrole	1,3-Benzodioxole, 5-(2-propenyl)-
Selenium dioxide	Selenious acid
Selenium and compounds, NOS	Selenium
Selenium sulfide	Same
Selenourea	Same
Silver and compounds NOS	Silver
Silver cyanide	Same
Silvex (2,4,5-TP)	Propanoic acid, 2-(2,4,5-trichlorophenoxy)-
Sodium cyanide	Same
Streptozotocin	D-Glucopyranose, 2-deoxy-2-(3-methyl-3-nitrosoureido)-
Strontium sulfide	Same
Strychnine and salts	Strychnidin-10-one arid salts
TCDD	Dibenzo[b,e] [1,4]dioxin, 2,3,7,8-tetrachloro-
1,2,4,5-Tetracholorobenzene	Benzene, 1,2,4,5-tetrachloro-
Tetrachlorodibenzo-p-dioxins	
Tetrachlorodibenzofurans	
Tetrachloroethane, NOS	Ethane, tetrachloro-, NOS
1,1,1,2-Tetrachloroethane	Ethane, 1,1,1,2-tetrachloro-
1,1,2,2-Tetrachloroethane	Ethane, 1,1,2,2-tetrachloro-
Tetrachloroethylene	Ethene, tetrachloro-
2,3,4,6-Tetrachlorophenol	Phenol, 2,3,4,6-tetrachloro-
Tetraethyldithiopyrophosphate	Thiodiphosphoric acid, tetraethyl ester
Tetraethyl lead	Plumbane, tetraethyl-
Tetraethylpyrophosphate	Diphosphoric acid, tetraethyl ester
Tetranitromethane	Methane, tetranitro-
Thallium and compounds NOS	Thallium
Thallic oxide	Thallium (III) oxide
Thallium (I) acetate	Acetic acid, thallium (1+) salt
Thallium (I) carbonate	Carbonic acid, dithallium (1+) salt
Thallium (I) chloride	Thallium chloride
Thallium (I) nitrate	Nitric acid, thallium (1+) salt
Thallium selenite	Thallium selenide
Thallium (I) sulfate	Sulfuric acid, thallium salt
Thioacetamide	Ethanethioamide
Thiofanox	2-Butanone, 3,3-dimethyl-1-(methythio)-, O-[(methylamino)carbonyl]oxime
Thiomethanol	Methanethiol
Thiophenol	Benzenethiol
Thiosemicarbazide	Hydrazinecarbothioamide
Thiourea	Same
Thiram	Thioperoxydicarbonic diamide, Tetramethyl-
Toluene	Benzene, methyl-
Toluenediamine	Benzenediamine, ar-methyl-
2,4-Toluenediamine	1,3-Benzenediamine, 4-methyl-

2,6-Toluenediamine	1,3-Benzenediamine, 2-methyl-
3,4-Toluenediamine	1,2-Benzenediamine, 4-methyl-
Toluene diisocyanate	Benzene, 2,4-diisocyanato-1-methyl-
p-Toluidine	Benzenamine, 4-methyl-
o-Toluidine hydrochloride	Benzenamine, 2-methyl-,hydrochloride
Toxaphene	Same
1,2,4-Trichlorobenzene	Benezene, 1,2,4-trichloro
1,1,2-Trichloroethane	Ethane, 1,1,2-trichloro
Trichloroethylene	Ethene, trichloro
Trichloromethanethiol	Methanethiol, trichloro-
Trichloromonofluoromethane	Methane, trichlorofluoro-
2,4,5-Trichlorophenol	Phenol, 2,4,5-trichloro-
2,4,6-Trichlorophenol	Phenol, 2,4,6-trichloro-
2,4,5-T	Acetic acid, (2,4,5-trichlorophenoxy)-
Trichloropropane, NOS	
1,2,3-Trichloropropane	Propane, 1,2,3-trichloro-
O,O,O-Triethylphosphorothioate	Phosphorothioic acid, O,O,O-triethyl ester
sym-Trinitrobenzene	Benzene, 1,3,5-trinitro
Tris (1-aziridinyl)phosphine sulfide	Aziridine, 1,1'1"-phosphinothioylidynetris-
Tris (2,3-dibromopropyl)phosphate	1-Propanol, 2,3-dibromo-, phosphate (3:1)
Trypan blue	2,7-Naphthalendisulfonic acid, 3,3'-[(3,3'-dimethyl [1,1'-biphenyl]- 4,4'-diyl)bis(azo)]bis[5-amino-4-hydroxy-, tetrasodium salt
Uracil mustard	2,4(1H,3H)-Pyrimidinedione, 5-[bis(2-chloroethyl)amino]-
Same as CAS name	Undecamethylenediamine, N,N' -bis(2-chlorobenzyl)-dihydrochloride
Vanadium pentoxide	Vanadium oxide V2 O3
Vinyl chloride	Ethene, chloro-
Warfarin	2 H-1-Benzopyran-2-one, 4-hydroxy-3-(3-oxo-1-phenylbutyl)-
Zinc cyanide	Same
Zinc phosphide	Zinc phosphide P2 Zn3

NOS (not otherwise specified) signifies those members of the general class not specifically listed by name in this appendix.

12.3 – Non-Housing Project Screen

ATTACHMENT 2.A

NON-HOUSING PROJECT/ACTIVITY INITIAL SCREEN CRITERIA
(For projects in a designated Sole Source Aquifer area)

The following list of criteria questions are to be used as an initial screen to determine which **non-housing** projects/activities should be forwarded to the Environmental Protection Agency (EPA) for Preliminary Sole Source Aquifer (SSA) Review. (For housing projects/activities see Attachment 2.B) If any of the questions are answered affirmatively, Attachment 3, SSA Preliminary Review Requirements, should also be completed. The application/final statement, this Attachment, Attachment 3, and any other pertinent information should than be forwarded to EPA at the address below.

Any project/activity not meeting the criteria in this Attachment, but suspected of having a potential adverse effect on the Sole Source Aquifer should also be forwarded. Contact EPA if you have any questions.

Chief, Environmental Impacts Branch
USEPA Region II
26 Federal Plaza, Room 500
New York, New York 10278
(212) 264-1840

Chief, Environmental Review Section
USEPA Region 2
290 Broadway, 25th floor
New York, NY 10007
212-637-3738

CRITERIA QUESTIONS

	YES	NO	N/A
1. Is the project/activity located within a currently designated or proposed groundwater sensitive area such as a special Ground Water Protection Area, Critical Supply Area, Wellhead Protection Area etc.? [This information can be obtained from the County or Regional planning board, the local health department, the State health department or the State environmental agency.]	___	X	___
2. Is the project/activity located within a one half mile radius (2640 feet) of a current or proposed public water supply well or wellfield? [This information can be obtained from the local health department, the State health department or the State environmental agency.]	___	X	___

3. Will the project/activity include or directly cause: (check appropriate items)

- construction or expansion of solid waste disposal, recycling or conversion facilities	___	X	___
- construction or expansion or closure of landfills	___	X	___
- construction or expansion of water supply facilities (i.e., treatment plant, pump house, etc.)	___	X	___
- construction or expansion of on-site wastewater treatment plants or sewage trunk lines, greater than 1/4 mile	___	X	___
- construction or expansion of gas or petroleum trunk lines, greater than 1200 feet	___	X	___
- construction or expansion of railroad spurs or similar extensions	___	X	___
- construction or expansion of municipal sewage treatment plants	___	X	___

4. Will the project/activity include storage or handling of any hazardous constituents as listed in Attachment 4, Hazardous Constituents? ___ X ___

If these constituents are used during the construction phase of the project, than an assurance statement must be provided indicating that chemicals will be used in a safe and proper manner, and that they will be promptly removed after construction is completed.

5. Will the project/activity include bulk storage of petroleum in underground or above ground tanks in excess of 1100 gallons? ___ X ___

6. Will the project/activity require a federal or state discharge elimination permit or modification of an existing permit? ___ X ___

This attachment was completed by:

Name: Juliet Jacobs

Title: Environmental Unit Head (Community Development)

Address: 255 Greenwich Street, 8th Floor

New York, NY 10007

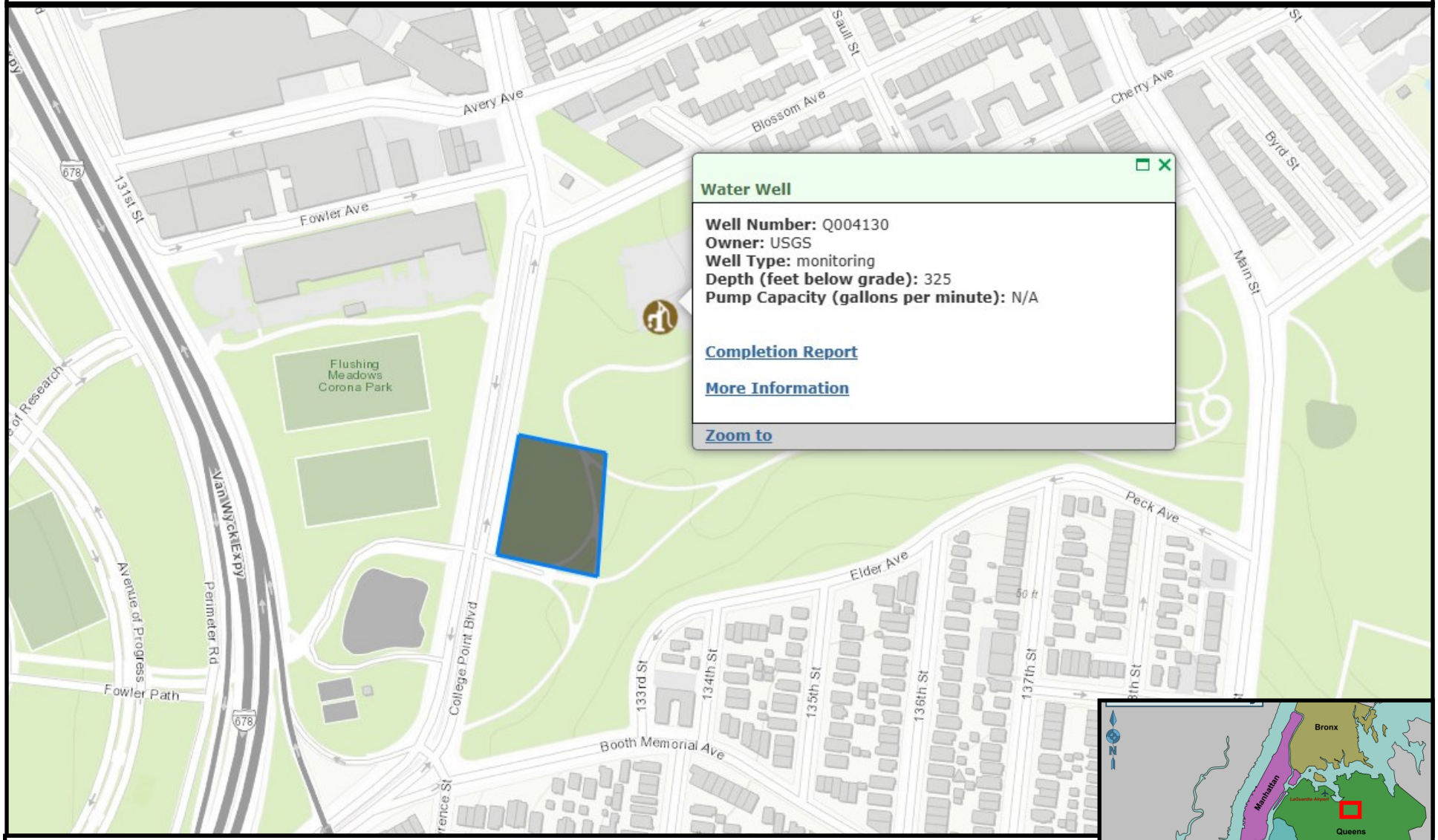
Telephone number: 212-788-1653

Date: 03/10/2026

12.4 – Water Wells Map

Queens Botanical Garden Pavilion

Water Wells Map



Legend

- **Project Area**

Permits and Registrations

- Water Wells

Environmentally Sensitive Areas

- Critical Environmental Areas
- Regulatory Tidal Wetlands Areas
- Coastal Erosion Hazard Areas

Environmental Monitoring

- Lakes and Reservoirs
- Estuaries
- Rivers and Streams
- Shorelines

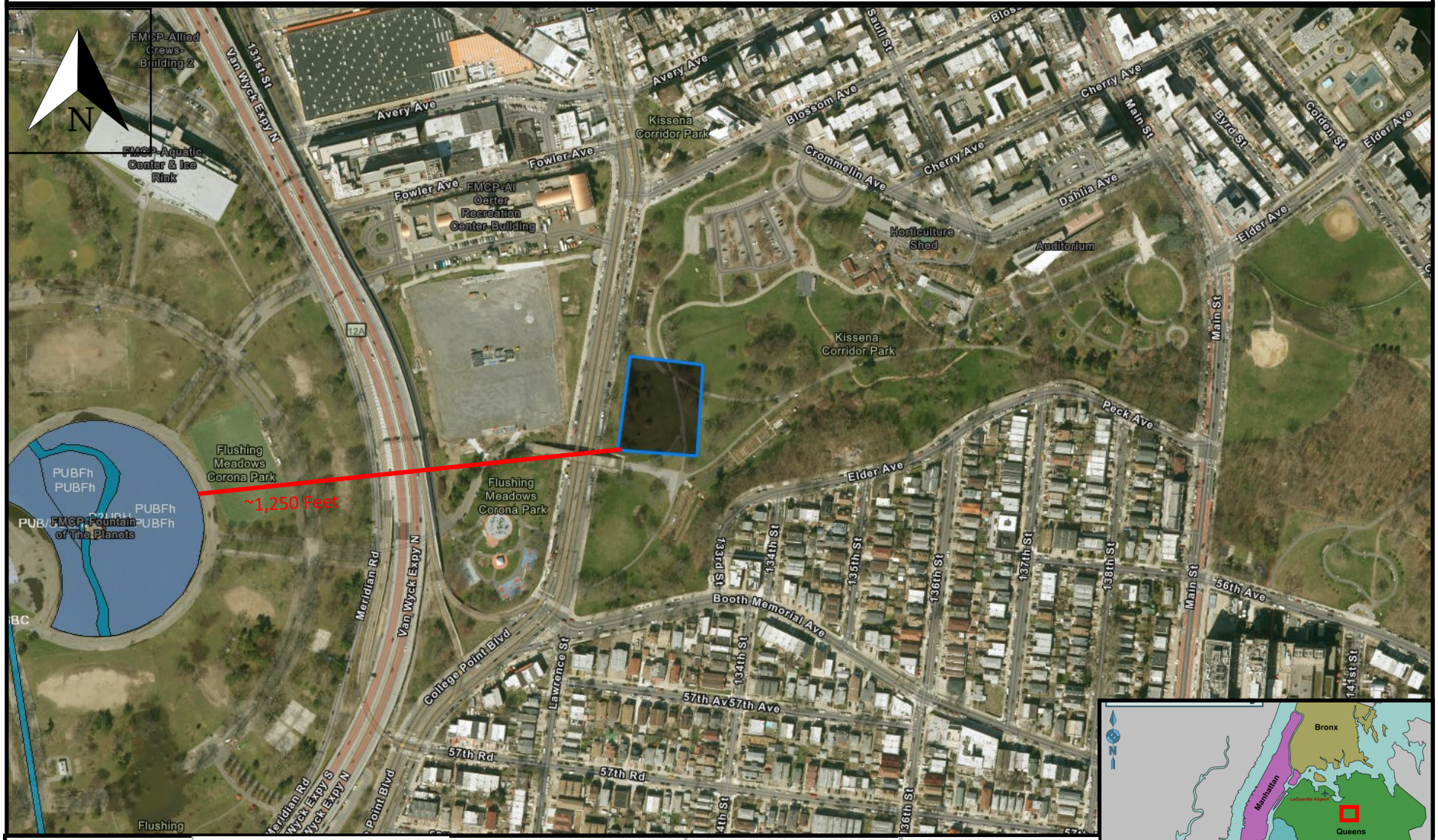
N

Data source: DECinfo Locator on 03/10/2026

13 – Wetlands Map

Queens Botanical Garden Pavilion

Wetlands Map



Legend

Project Site

Approximate Distance

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

Riparian

- Forested/Shrub
- Herbaceous

Riparian Mapping Areas

- Riparian Mapping Areas

Areas of Interest

- Ramsar site

FWS Managed Lands

Data source: National Wetlands Inventory on 02/06/2026

14 – Wild and Scenic Rivers Statement

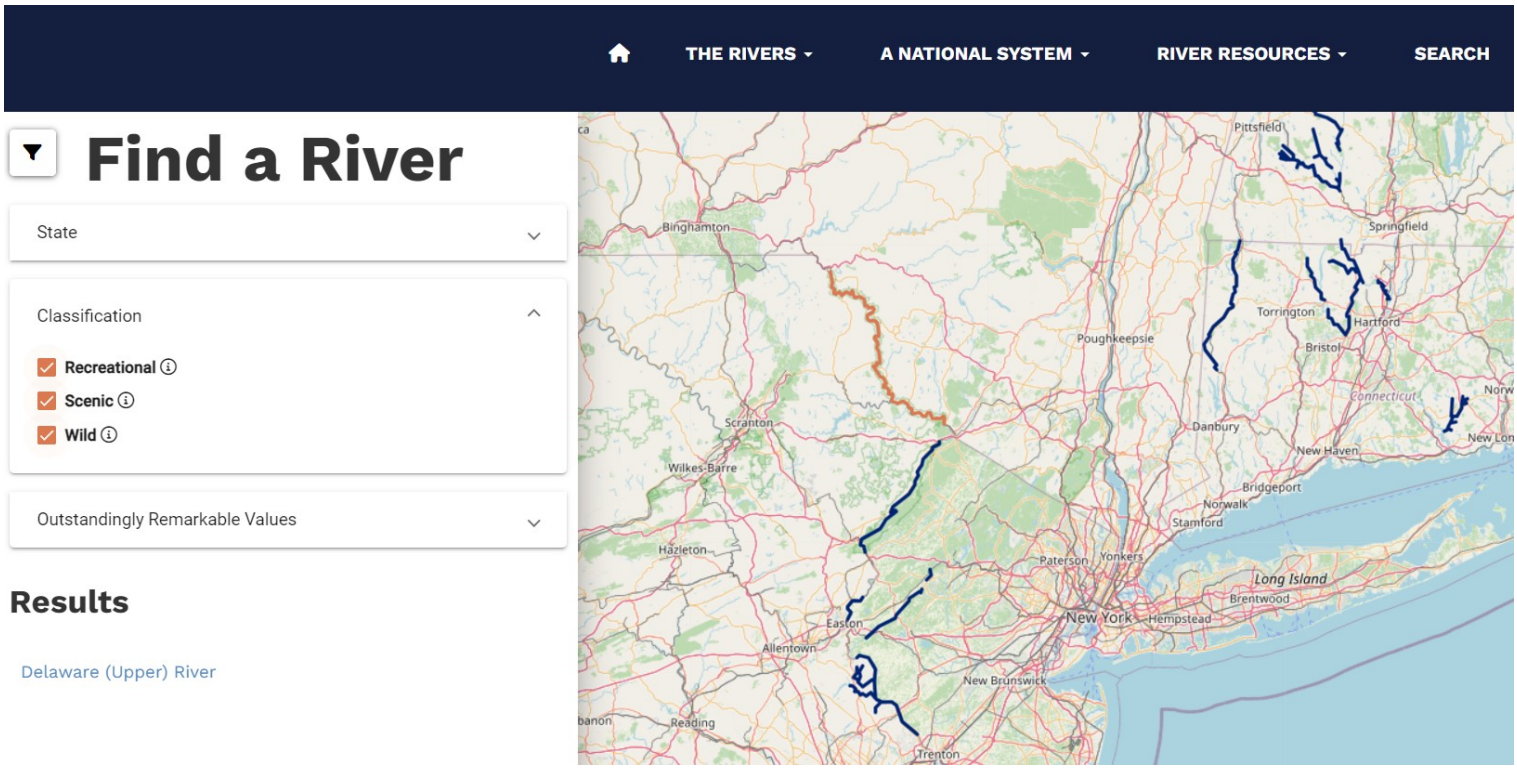
The City of New York
Office of Management and Budget
255 Greenwich Street • New York, New York 10007-2146

NYC Office of Management and Budget
Environmental Review Statement on Wild and Scenic Rivers - 2025

There are no Recreational, Wild, or Scenic Rivers (either designated Rivers or Study Rivers) within or adjacent to the boundaries of the City of New York.

The nearest designated Wild and Scenic River to the New York City Metro Area is the Delaware (Upper) River, which is approximately 60 miles away at its closest point. Its entire length is found outside of the NYC area.

The Proposed Project is located in a densely developed urban area of New York City, within the State of New York, and would not cause disturbance to or impact Wild and Scenic Rivers. Therefore, the proposed project would not violate the Wild and Scenic Rivers Act. No further assessment is required.



Study Rivers

There are two study provisions in the Act — Section 5(a), through which Congress directs the study of select rivers, and Section 5(d)(1), which directs federal agencies to identify potential additions to the National Wild and Scenic Rivers System (National System) through federal agency plans. A brief explanation is provided in the following respective sections below.

Current Active Studies

Currently, there are two rivers or river systems under "authorized" study under Section 5(a) of the Wild & Scenic Rivers Act. This does not include those that might be under assessment as part of normal agency land-planning processes.

- Kissimmee River, Florida (Public Law 117-328, December 29, 2022) – Study not yet initiated by the National Park Service.
- Little Manatee River, Florida (Public Law 117-328, December 29, 2022) – Study not yet initiated by the National Park Service.

Section 2(a)(ii) Studies

Under Section 2(a)(ii) of the Act, a governor (or governors for a river in multiple states) of a state can request that a river be designated, provided certain conditions are met (refer to the **Council White Paper on Section 2(a)(ii)** for specifics). The National Park Service then conducts a study to determine of certain conditions are met. Here are some of the studies conducted under Section 2(a)(ii). Again, if you don't see a study listed, we do not have a copy.

Section 2(a)(ii) Studies

- **Allagash River Study Report**, Maine
- **American River Eligibility Report**, California
- **American River Environmental Impact Statement**, California
- **Big & Little Darby Creeks Study Report & Environmental Assessment**, Ohio
- **Eel River Eligibility Report**, California
- **Eel River Environmental Impact Statement**, California
- **Klamath River Eligibility Report**, California
- **Klamath River Environmental Impact Statement**, California
- **Klamath River Study Report**, Oregon
- **Lumber River Study Report**, North Carolina
- **New River (South Fork) Study Report & Environmental Impact Statement**, North Carolina
- **Smith River Eligibility Report**, California
- **Smith River Environmental Impact Statement**, California
- **Trinity River Eligibility Report**, California
- **Trinity River Environmental Impact Statement**, California
- **Wallowa River Study Report**, Oregon
- **Westfield River Study Report & Environmental Assessment (Initial Study 1993)**, Massachusetts
- **Westfield River Draft Study Report (Expansion 2002)**, Massachusetts

15 – State Environmental Quality Review Act Analysis

STATE ENVIRONMENTAL QUALITY REVIEW ACT
NEGATIVE DECLARATION
NOTICE OF DETERMINATION OF NON-SIGNIFICANCE

Date: July 14, 2021

Lead Agency: Dormitory Authority of the State of New York
515 Broadway
Albany, New York 12207-2964

Applicant: Queens Botanical Garden
43-50 Main Street
Flushing, New York 11355
(Queens County)

This notice is issued pursuant to the *State Environmental Quality Review Act ("SEQRA")*, codified at Article 8 of the New York Environmental Conservation Law ("ECL"), and its implementing regulations, promulgated at Part 617 of Title 6 of the *New York Codes, Rules and Regulations ("N.Y.C.R.R.")*, which collectively contain the requirements for the *State Environmental Quality Review ("SEQR")* process.

Dormitory Authority of the State of New York ("DASNY "), as lead agency, has determined that the Proposed Action described below would not have a significant adverse effect on the environment and a Draft Environmental Impact Statement ("DEIS") will not be prepared.

Title of Action: Queens Botanical Garden
Open Air Pavilion and Kids Culture Garden
(Grant Assistance) (DASNY №. 8140)

SEQR Status: Unlisted Action – 6 *N.Y.C.R.R.* 617.2(al)

Review Type: Coordinated Review

Description of Proposed Action and Proposed Project

The Dormitory Authority of the State of New York ("DASNY") has received a funding request from Queens Botanical Garden ("QBG") for its *Open Air Pavilion and Kids Culture Garden* project. For purposes of *SEQRA*, the Proposed Action would involve DASNY's authorization of the expenditure of grant program bond proceeds (State and Municipal Facilities Capital Program and/or Community / Capital Assistance Program) on behalf of QBG to fund the construction of an approximately 3,200-square-foot ("sf") open air pavilion structure and composting toilets, and an approximately 0.5-acre kids culture garden (collectively, the "Proposed Project").

The Proposed Project is part of a multi-phase Education Center that will also include an approximately 13,000-gross-square-foot ("gsf") Education Building. The Education Building is currently in design and undergoing a separate environmental assessment, with the New York City Department of Cultural Affairs ("NYCDCLA") and New York City Department of Design and Construction ("NYCDDC") serving as the lead agencies for that review.

Location of Proposed Project

The Project Site is situated within the southwest and south-central QBG (the "Project Site"), located at 43-50 Main Street, Flushing, Queens, Queens County, New York.

Description of the Institution

Queens Botanical Garden is an urban oasis where people, plants, and cultures are celebrated through inspiring gardens, innovative educational programs, and real-world applications of environmental stewardship. QBG is located on property owned by the City of New York, and its operation is made possible in part by public funds provided through the New York City Department of Cultural Affairs, Queens Borough President, the New York City Council, State elected officials, the New York State Department of Parks, Recreation and Historic Preservation, along with corporate, foundation, and individual supporters.

Reasons Supporting This Determination

Overview. DASNY completed this environmental review in accordance with the procedures set forth in the *SEQRA*, codified at Article 8 of the New York *Environmental Conservation Law ("ECL")*, and its implementing regulations, promulgated at Part 617 of Title 6 of the *New York Codes, Rules and Regulations ("N.Y.C.R.R.")*, which collectively contain the requirements for the *SEQR* process. The Proposed Project was reviewed following the procedures of the *State Environmental Quality Review ("SEQR").* The New York *City Environmental Quality Review ("CEQR") Technical Manual* (2020 Edition, as revised) was used as a guide with respect to environmental analysis methodologies and criteria for evaluating the Proposed Project's potential effects on the environment.

The Proposed Project was also reviewed in conformance with the *New York State Historic Preservation Act of 1980 ("SHPA")*, especially the implementing regulations of Section 14.09 of the *Parks, Recreation and Historic Preservation Law ("PRHPL"),* as well as with the requirements of the Memorandum of Understanding ("MOU"), dated March 18, 1998, between DASNY and the New York State Office of Parks, Recreation and Historic Preservation ("OPRHP").

Additionally, the Proposed Project was analyzed for consistency with the State of New York *Smart Growth Public Infrastructure Policy Act ("SGPIPA")*, Article 6 of the New York *ECL*, for a variety of policy areas related to land use and sustainable development. The *Smart Growth Impact Statement Assessment Form ("SGISAF")* is included with this determination.

Representatives of DASNY reviewed the *Full Environmental Assessment Form – Part 1 ("FEAF –Part 1")*, dated June 3, 2021 (attached), and determined that the Proposed Project constitutes an Unlisted Action pursuant to 6 *N.Y.C.R.R.* 617.2(al) of the *SEQR* implementing regulations. On June 7, 2021, DASNY circulated a lead agency request letter, including the *FEAF – Part 1* as well as a *Distribution List of Involved Agencies and Interested Parties* to whom the lead agency letter was sent. There being no objection to DASNY assuming *SEQR* lead agency status, a coordinated review among the involved agencies was initiated.

DASNY representatives visited the project site and discussed the Proposed Project's environmental effects with representatives of QBG, as well as representatives of the involved agencies. DASNY subsequently completed an evaluation of the magnitude and importance of project impacts, as detailed in the *SEQR Supplemental Report* and *FEAF – Parts 2 and 3* (see attached). **Based on the above, and the additional information set forth below, DASNY as lead agency has analyzed the relevant areas of environmental concern and determined that the Proposed Project would not have a significant adverse effect on the environment.**

General Findings. The purpose of the Proposed Project is to provide new amenity space in support of the QBG's goals to enhance the visitor's experience of the garden and provide new and expanded opportunities for visitors to explore the garden. The Proposed Project would also support the QBG's goals to better serve children and families visiting the garden by providing hands-on and interactive learning experiences. The Proposed Project would transform the southwest and south-central areas of the garden with new amenities that would enhance the visitor experience of the QBG.

New York State Smart Growth Public Infrastructure Policy Act. DASNY's Smart Growth Advisory Committee reviewed the *SGISAF* that was prepared in accordance with the *SGPIPA* and found that, to the extent practicable, the Proposed Project would be consistent with and would be generally supportive of the smart growth criteria established by the legislation. The compatibility of the Proposed Project with the criteria of the *SGPIPA*, Article 6 of the *ECL*, is detailed in the attached *SGISAF*. In general, the Proposed Project would comply with the relevant State and local public policy initiatives that guide development within the project area.

Potential Impacts. DASNY, as lead agency, has inventoried all potential resources that could be affected by the Proposed Project or action, and assessed the magnitude, duration, likelihood, scale, and context of the Proposed Project and determined that no impact, or a small impact, may occur to the following resources: Land Use, Zoning and Public Policy, Socioeconomics, Community Facilities, Open Space and Recreational Facilities, Cultural Resources, Architectural Design and Visual

Resources, Neighborhood Character, Natural Resources, Hazardous Materials, Infrastructure, Solid Waste and Sanitation Services, Use and Conservation of Energy, Transportation, Air Quality, Noise, and Construction (see *SEQR Supplemental Report* and *FEAF – Parts 2 and 3*). No potential negative long-term or cumulative impacts or significant adverse environmental impacts were identified in connection with the Proposed Project.

Summary. DASNY has reviewed the Proposed Project using criteria provided in Part 617.7 of *SEQRA* and has determined that:

(i) there will be no substantial adverse change in existing air quality, ground or surface water quality or quantity, traffic or noise levels; no substantial increase in solid waste production; and no substantial increase in potential for erosion, flooding, leaching or drainage problems;
(ii) there will be no removal or destruction of large quantities of vegetation or fauna; no substantial interference with the movement of any resident or migratory fish or wildlife species; no impacts on a significant habitat area; no substantial adverse impacts on a threatened or endangered species of animal or plant, or the habitat of such a species; or other significant adverse impacts to natural resources;
(iii) there will be no impairment of the environmental characteristics of a Critical Environmental Area as designated pursuant to subdivision 617.14(g) of this Part;
(iv) there will be no creation of a material conflict with a community's current plans or goals as officially approved or adopted;
(v) there will be no impairment of the character or quality of important historical, archeological, architectural, or aesthetic resources or of existing community or neighborhood character;
(vi) there will be no major change in the use of either the quantity or type of energy;
(vii) there will be no creation of a hazard to human health;
(viii) there will be no substantial change in the use, or intensity of use, of land including agricultural, open space or recreational resources, or in its capacity to support existing uses;
(ix) there will be no encouraging or attracting of a large number of people to a place or places for more than a few days, compared to the number of people who would come to such place absent the action;
(x) there will be no creation of a material demand for other actions that would result in one of the above consequences;
(xi) there will be no changes in two or more elements of the environment, no one of which has a significant impact on the environment, but when considered together result in a substantial adverse impact on the environment;
(xii) there will not be two or more related actions undertaken, funded or approved by an agency, none of which has or would have a significant impact on the environment, but when considered cumulatively would meet one or more of the criteria in this subdivision; and
(xiii) there will be no other significant adverse environmental impacts.

Based on the above, and the additional information contained herein, DASNY, as lead agency, analyzed the relevant areas of environmental concern and determined that the Proposed Project would not have a significant adverse impact on the environment and a Draft Environmental Impact Statement will not be prepared.

For Further Information:

Contact Person: Robert S. Derico, R.A.
Director
Office of Environmental Affairs

Address: DASNY
515 Broadway
Albany, New York 12207-2964

Telephone: (518) 257-3214

Email: rderico@dasny.org

Instructions for Completing Part 1

Part 1 is to be completed by the applicant or project sponsor. Responses become part of the application for approval or funding, are subject to public review, and may be subject to further verification.

Complete Part 1 based on information currently available. If additional research or investigation would be needed to fully respond to any item, please answer as thoroughly as possible based on current information; indicate whether missing information does not exist, or is not reasonably available to the sponsor; and, when possible, generally describe work or studies which would be necessary to update or fully develop that information.

Applicants/sponsors must complete all items in Sections A & B. In Sections C, D & E, most items contain an initial question that must be answered either "Yes" or "No". If the answer to the initial question is "Yes", complete the sub-questions that follow. If the answer to the initial question is "No", proceed to the next question. Section F allows the project sponsor to identify and attach any additional information. Section G requires the name and signature of the project sponsor to verify that the information contained in Part 1is accurate and complete.

A. Project and Sponsor Information.

Name of Action or Project: Open Air Pavilion and Kids Culture Garden (DASNY project #8140)		
Project Location (describe, and attach a general location map): The Project Site includes two non-contiguous locations within the Queens Botanical Garden Society, Inc. ("Queens Botanical Garden" or "QBG"). The QBG (Block 5107, Lot 200) is located within Kissena Corridor Park in Flushing, Queens, NY (see Figures 1-1 and 1-2).		
Brief Description of Proposed Action (include purpose or need): The Dormitory Authority of the State of New York ("DASNY") has received a funding request from the Queens Botanical Garden Society, Inc. ("Queens Botanical Garden" or "QBG") for its "Open Air Pavilion and Kids Culture Garden" as part of the Community Capital Assistance Program ("CCAP") and/or the State and Municipal Facilities Program ("SAM") (DASNY project #8140). The Proposed Action would involve DASNY's authorization of the expenditure of CCAP and/or SAM program bond proceeds for the Proposed Project as described below. QBG proposes to construct a new, approximately 3,200-square foot ("sf") open air pavilion structure and composting toilets and an approximately 0.5-acre kids culture garden (the "Proposed Project") within the southwest and south-central areas of the QBG (the "Project Site"). The Proposed Project is part of the multi-phase Education Center that will also include an approximately 13,000-gross-square-foot ("gsf") Education Building (currently undergoing a separate environmental assessment). The open air pavilion would be located in the southwest portion of the QBG and would provide covered space for educational programming; it is expected to be completed in 2024. The kids culture garden, which is also expected to be completed in 2024, would be located within the south-central portion of the QBG and would include woodlands, a garden, and water play areas. The Proposed Project is not expected to result in any significant increase in staff or visitor populations. See EAF Chapter 1, "Project Description."		
Name of Applicant/Sponsor: Queens Botanical Garden Society, Inc. (Attn: Susan Lacerte)	Telephone: 718-886-3800 x205 E-Mail: slacerte@queensbotanical.org	
Address: 43-50 Main Street		
City/PO: Flushing	State: NY	Zip Code: 11355
Project Contact (if not same as sponsor; give name and title/role):	Telephone: E-Mail:	
Address:		
City/PO:	State:	Zip Code:
Property Owner (if not same as sponsor):	Telephone: E-Mail:	
Address:		
City/PO:	State:	Zip Code:

B. Government Approvals

B. Government Approvals Funding, or Sponsorship. ("Funding" includes grants, loans, tax relief, and any other forms of financial assistance.)

Government Entity	If Yes: Identify Agency and Approval(s) Required	Application Date (Actual or projected)
a. City Council, Town Board, or Village Board of Trustees ☐Yes ☑No		
b. City, Town or Village Planning Board or Commission ☐Yes ☑No		
c. City Council, Town or Village Zoning Board of Appeals ☐Yes ☑No		
d. Other local agencies ☑Yes ☐No	NYC Department of Cultural Affairs, NYC Parks, NYC Public Design Commission	TBD
e. County agencies ☐Yes ☑No		
f. Regional agencies ☐Yes ☑No		
g. State agencies ☑Yes ☐No	DASNY authorization of grant funding from CCAP and/or SAM	TBD
h. Federal agencies ☐Yes ☑No		

i. Coastal Resources.

i. Is the project site within a Coastal Area, or the waterfront area of a Designated Inland Waterway? ☑Yes ☐No

ii. Is the project site located in a community with an approved Local Waterfront Revitalization Program? ☑Yes ☐No

iii. Is the project site within a Coastal Erosion Hazard Area? ☐Yes ☑No

C. Planning and Zoning

C.1. Planning and zoning actions.

Will administrative or legislative adoption, or amendment of a plan, local law, ordinance, rule or regulation be the only approval(s) which must be granted to enable the proposed action to proceed? ☐Yes ☑No

- **If Yes,** complete sections C, F and G.
- **If No,** proceed to question C.2 and complete all remaining sections and questions in Part 1

C.2. Adopted land use plans.

a. Do any municipally- adopted (city, town, village or county) comprehensive land use plan(s) include the site where the proposed action would be located? ☐Yes ☑No

If Yes, does the comprehensive plan include specific recommendations for the site where the proposed action would be located? ☐Yes ☐No

b. Is the site of the proposed action within any local or regional special planning district (for example: Greenway Brownfield Opportunity Area (BOA); designated State or Federal heritage area; watershed management plan; or other?) ☐Yes ☑No

If Yes, identify the plan(s):

_____

_____

_____

c. Is the proposed action located wholly or partially within an area listed in an adopted municipal open space plan, or an adopted municipal farmland protection plan? ☐Yes ☑No

If Yes, identify the plan(s):

_____

_____

_____

C.3. Zoning

a. Is the site of the proposed action located in a municipality with an adopted zoning law or ordinance. ☑ Yes ☐ No

If Yes, what is the zoning classification(s) including any applicable overlay district?

The Project Site is entirely within New York City-owned mapped parkland. Zoning designations do not apply to City-owned land mapped as parkland on the City Map.

b. Is the use permitted or allowed by a special or conditional use permit? ☐ Yes ☑ No

c. Is a zoning change requested as part of the proposed action? ☐ Yes ☑ No

If Yes,

i. What is the proposed new zoning for the site? _____

C.4. Existing community services.

a. In what school district is the project site located? Community School District (CSD) 25

b. What police or other public protection forces serve the project site?

New York City 109th Police Precinct

c. Which fire protection and emergency medical services serve the project site?

New York City Fire Department Company L129

d. What parks serve the project site?

The project site is part of the Queens Botanical Garden which is located within Kissena Corridor Park.

D. Project Details

D.1. Proposed and Potential Development

a. What is the general nature of the proposed action (e.g., residential, industrial, commercial, recreational; if mixed, include all components)? Open Space and Outdoor Recreational Facilities

b. a. Total acreage of the site of the proposed action? ±39 acres

b. Total acreage to be physically disturbed? ±0.75 acres

c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? ±39 acres

c. Is the proposed action an expansion of an existing project or use? ☐ Yes ☑ No

i. If Yes, what is the approximate percentage of the proposed expansion and identify the units (e.g., acres, miles, housing units, square feet)? % _____ Units: _____

d. Is the proposed action a subdivision, or does it include a subdivision? ☐ Yes ☑ No

If Yes,

i. Purpose or type of subdivision? (e.g., residential, industrial, commercial; if mixed, specify types)

ii. Is a cluster/conservation layout proposed? ☐ Yes ☑ No

iii. Number of lots proposed? _____

iv. Minimum and maximum proposed lot sizes? Minimum _____ Maximum _____

e. Will proposed action be constructed in multiple phases? ☐ Yes ☑ No

i. If No, anticipated period of construction: ±18 months

ii. If Yes:

- Total number of phases anticipated _____
- Anticipated commencement date of phase 1 (including demolition) _____ month _____ year
- Anticipated completion date of final phase _____ month _____year
- Generally describe connections or relationships among phases, including any contingencies where progress of one phase may determine timing or duration of future phases: _____

f. Does the project include new residential uses? ☐Yes ☑No

If Yes, show numbers of units proposed.

	One Family	Two Family	Three Family	Multiple Family (four or more)
Initial Phase				
At completion of all phases				

g. Does the proposed action include new non-residential construction (including expansions)? ☑Yes ☐No

If Yes,

i. Total number of structures 1

ii. Dimensions (in feet) of largest proposed structure: ±30' height; ±30' width; and ±110' length

iii. Approximate extent of building space to be heated or cooled: 0 square feet

h. Does the proposed action include construction or other activities that will result in the impoundment of any liquids, such as creation of a water supply, reservoir, pond, lake, waste lagoon or other storage? ☑Yes ☐No

If Yes,

i. Purpose of the impoundment: Creation of water features as part of the kids culture garden

ii. If a water impoundment, the principal source of the water: ☐ Ground water ☐ Surface water streams ☑Other specify: Connection to existing City water supply

iii. If other than water, identify the type of impounded/contained liquids and their source.

iv. Approximate size of the proposed impoundment. Volume: TBD million gallons; surface area: TBD acres

v. Dimensions of the proposed dam or impounding structure: _____ height; _____ length

vi. Construction method/materials for the proposed dam or impounding structure (e.g., earth fill, rock, wood, concrete):
Though not yet designed, it is anticipated that proposed water features would have a concrete or clay-lined base.

D.2. Project Operations

a. Does the proposed action include any excavation, mining, or dredging, during construction, operations, or both? ☐Yes ☑No
(Not including general site preparation, grading or installation of utilities or foundations where all excavated materials will remain onsite)

If Yes:

i .What is the purpose of the excavation or dredging? Excavation for footings for the pavilion and for the kids culture garden

ii. How much material (including rock, earth, sediments, etc.) is proposed to be removed from the site?

- Volume (specify tons or cubic yards): TBD
- Over what duration of time? TBD

iii. Describe nature and characteristics of materials to be excavated or dredged, and plans to use, manage or dispose of them.
Excavated soil is anticipated to be reused as part of the Proposed Project or relocated to other areas within the QBG and would be properly characterized in accordance with applicable state and federal regulatory requirements prior to placement at the Project Site or elsewhere within the QBG. See Ch. 2.

iv. Will there be onsite dewatering or processing of excavated materials? ☑Yes ☐No
If yes, describe. Typical dewatering, as needed, during construction. It is anticipated that excavated soil would be reused and characterized as described in the Hazardous Materials section of Chapter 2.

v. What is the total area to be dredged or excavated? ±0.75 acres

vi. What is the maximum area to be worked at any one time? ±0.75 acres

vii. What would be the maximum depth of excavation or dredging? TBD feet

viii. Will the excavation require blasting? ☐Yes ☑No

ix. Summarize site reclamation goals and plan: _____

b. Would the proposed action cause or result in alteration of, increase or decrease in size of, or encroachment into any existing wetland, waterbody, shoreline, beach or adjacent area? ☐Yes ☑No

If Yes:

i. Identify the wetland or waterbody which would be affected (by name, water index number, wetland map number or geographic description): _____

ii. Describe how the proposed action would affect that waterbody or wetland, e.g. excavation, fill, placement of structures, or alteration of channels, banks and shorelines. Indicate extent of activities, alterations and additions in square feet or acres:

_____

_____

_____

_____

iii. Will proposed action cause or result in disturbance to bottom sediments? ☐ Yes ☑ No

If Yes, describe: _____

iv. Will proposed action cause or result in the destruction or removal of aquatic vegetation? ☐ Yes ☑ No

If Yes:

- acres of aquatic vegetation proposed to be removed: _____
- expected acreage of aquatic vegetation remaining after project completion: _____
- purpose of proposed removal (e.g. beach clearing, invasive species control, boat access): _____

_____

- proposed method of plant removal: _____
- if chemical/herbicide treatment will be used, specify product(s): _____

v. Describe any proposed reclamation/mitigation following disturbance: _____

_____

c. Will the proposed action use, or create a new demand for water? ☑ Yes ☐ No

If Yes:

i. Total anticipated water usage/demand per day: ±768 gallons/day

ii. Will the proposed action obtain water from an existing public water supply? ☑ Yes ☐ No

If Yes:

- Name of district or service area: NYC Municipal
- Does the existing public water supply have capacity to serve the proposal? ☑ Yes ☐ No
- Is the project site in the existing district? ☑ Yes ☐ No
- Is expansion of the district needed? ☐ Yes ☑ No
- Do existing lines serve the project site? ☑ Yes ☐ No

iii. Will line extension within an existing district be necessary to supply the project? ☐ Yes ☑ No

If Yes:

- Describe extensions or capacity expansions proposed to serve this project: _____

_____

- Source(s) of supply for the district: _____

iv. Is a new water supply district or service area proposed to be formed to serve the project site? ☐ Yes ☑ No

If, Yes:

- Applicant/sponsor for new district: _____
- Date application submitted or anticipated: _____
- Proposed source(s) of supply for new district: _____

v. If a public water supply will not be used, describe plans to provide water supply for the project: _____

_____

vi. If water supply will be from wells (public or private), maximum pumping capacity: _____ gallons/minute.

d. Will the proposed action generate liquid wastes? ☐ Yes ☑ No

If Yes:

i. Total anticipated liquid waste generation per day: _____ gallons/day

ii. Nature of liquid wastes to be generated (e.g., sanitary wastewater, industrial; if combination, describe all components and approximate volumes or proportions of each): _____

_____

_____

iii. Will the proposed action use any existing public wastewater treatment facilities? ☑ Yes ☐ No

If Yes:

- Name of wastewater treatment plant to be used: Tallmans Island Wastewater Treatment Plant
- Name of district: District 7
- Does the existing wastewater treatment plant have capacity to serve the project? ☑ Yes ☐ No
- Is the project site in the existing district? ☑ Yes ☐ No
- Is expansion of the district needed? ☐ Yes ☑ No

- Do existing sewer lines serve the project site? ☑ Yes ☐ No
- Will line extension within an existing district be necessary to serve the project? ☐ Yes ☑ No

  If Yes:
  - Describe extensions or capacity expansions proposed to serve this project: _____

iv. Will a new wastewater (sewage) treatment district be formed to serve the project site? ☐ Yes ☑ No

If Yes:
- Applicant/sponsor for new district: _____
- Date application submitted or anticipated: _____
- What is the receiving water for the wastewater discharge? _____

v. If public facilities will not be used, describe plans to provide wastewater treatment for the project, including specifying proposed receiving water (name and classification if surface discharge, or describe subsurface disposal plans):

_____

vi. Describe any plans or designs to capture, recycle or reuse liquid waste: _____

TBD

e. Will the proposed action disturb more than one acre and create stormwater runoff, either from new point sources (i.e. ditches, pipes, swales, curbs, gutters or other concentrated flows of stormwater) or non-point source (i.e. sheet flow) during construction or post construction? ☐ Yes ☑ No

If Yes:

i. How much impervious surface will the project create in relation to total size of project parcel?

_____ Square feet or _____ acres (impervious surface)

_____ Square feet or _____ acres (parcel size)

ii. Describe types of new point sources. _____

iii. Where will the stormwater runoff be directed (i.e. on-site stormwater management facility/structures, adjacent properties, groundwater, on-site surface water or off-site surface waters)?

_____

- If to surface waters, identify receiving water bodies or wetlands: _____
- Will stormwater runoff flow to adjacent properties? ☐ Yes ☐ No

iv. Does proposed plan minimize impervious surfaces, use pervious materials or collect and re-use stormwater? ☐ Yes ☐ No

f. Does the proposed action include, or will it use on-site, one or more sources of air emissions, including fuel combustion, waste incineration, or other processes or operations? ☐ Yes ☑ No

If Yes, identify:

i. Mobile sources during project operations (e.g., heavy equipment, fleet or delivery vehicles)

_____

ii. Stationary sources during construction (e.g., power generation, structural heating, batch plant, crushers)

_____

iii. Stationary sources during operations (e.g., process emissions, large boilers, electric generation)

_____

g. Will any air emission sources named in D.2.f (above), require a NY State Air Registration, Air Facility Permit, or Federal Clean Air Act Title IV or Title V Permit? ☐ Yes ☑ No

If Yes:

i. Is the project site located in an Air quality non-attainment area? (Area routinely or periodically fails to meet ambient air quality standards for all or some parts of the year) ☐ Yes ☐ No

ii. In addition to emissions as calculated in the application, the project will generate:
- _____Tons/year (short tons) of Carbon Dioxide (CO_2)
- _____Tons/year (short tons) of Nitrous Oxide (N_2O)
- _____Tons/year (short tons) of Perfluorocarbons (PFCs)
- _____Tons/year (short tons) of Sulfur Hexafluoride (SF_6)
- _____Tons/year (short tons) of Carbon Dioxide equivalent of Hydroflourocarbons (HFCs)
- _____Tons/year (short tons) of Hazardous Air Pollutants (HAPs)

h. Will the proposed action generate or emit methane (including, but not limited to, sewage treatment plants, landfills, composting facilities)? ☐Yes ☑No

If Yes:

i. Estimate methane generation in tons/year (metric): _____

ii. Describe any methane capture, control or elimination measures included in project design (e.g., combustion to generate heat or electricity, flaring): _____

_____

i. Will the proposed action result in the release of air pollutants from open-air operations or processes, such as quarry or landfill operations? ☐Yes ☑No

If Yes: Describe operations and nature of emissions (e.g., diesel exhaust, rock particulates/dust):

_____

_____

j. Will the proposed action result in a substantial increase in traffic above present levels or generate substantial new demand for transportation facilities or services? ☐Yes ☑No

If Yes:

i. When is the peak traffic expected (Check all that apply): ☐ Morning ☐ Evening ☐Weekend ☐ Randomly between hours of _____ to _____.

ii. For commercial activities only, projected number of semi-trailer truck trips/day: _____

iii. Parking spaces: Existing _____ Proposed _____ Net increase/decrease _____

iv. Does the proposed action include any shared use parking? ☐Yes ☐No

v. If the proposed action includes any modification of existing roads, creation of new roads or change in existing access, describe:

_____

_____

_____

vi. Are public/private transportation service(s) or facilities available within ½ mile of the proposed site? ☐Yes ☐No

vii Will the proposed action include access to public transportation or accommodations for use of hybrid, electric or other alternative fueled vehicles? ☐Yes ☐No

viii. Will the proposed action include plans for pedestrian or bicycle accommodations for connections to existing pedestrian or bicycle routes? ☐Yes ☐No

k. Will the proposed action (for commercial or industrial projects only) generate new or additional demand for energy? ☐Yes ☑No

If Yes:

i. Estimate annual electricity demand during operation of the proposed action: _____

_____

ii. Anticipated sources/suppliers of electricity for the project (e.g., on-site combustion, on-site renewable, via grid/local utility, or other):

_____

iii. Will the proposed action require a new, or an upgrade to, an existing substation? ☐Yes ☐No

l. Hours of operation. Answer all items which apply.

i. During Construction:

- Monday - Friday: Same as operations
- Saturday: Same as operations
- Sunday: Same as operations
- Holidays: Same as operations

ii. During Operations:

- Monday - Friday: Open Tues-Sun, closed Mon:
- Saturday: April-Oct: 8AM-6PM
- Sunday: Nov-March: 8AM-4:30PM
- Holidays: Open hol Mons; closed 3 major hol

m. Will the proposed action produce noise that will exceed existing ambient noise levels during construction, operation, or both? ☑ Yes ☐ No

If yes:

i. Provide details including sources, time of day and duration:

During construction between 7 AM and 6 PM on weekdays. Construction will be undertaken in compliance with construction daytime noise requirements.

ii. Will proposed action remove existing natural barriers that could act as a noise barrier or screen? ☐ Yes ☑ No

Describe: _____

n.. Will the proposed action have outdoor lighting? ☑ Yes ☐ No

If yes:

i. Describe source(s), location(s), height of fixture(s), direction/aim, and proximity to nearest occupied structures:

Lighting would be similar to lighting in existing conditions at the Project Site.

ii. Will proposed action remove existing natural barriers that could act as a light barrier or screen? ☐ Yes ☑ No

Describe: While certain trees would be removed, the proposed lighting would be similar to existing conditions.

o. Does the proposed action have the potential to produce odors for more than one hour per day? ☐ Yes ☑ No

If Yes, describe possible sources, potential frequency and duration of odor emissions, and proximity to nearest occupied structures: _____

p. Will the proposed action include any bulk storage of petroleum (combined capacity of over 1,100 gallons) or chemical products 185 gallons in above ground storage or any amount in underground storage? ☐ Yes ☑ No

If Yes:

i. Product(s) to be stored _____

ii. Volume(s) _____ per unit time _____ (e.g., month, year)

iii. Generally describe proposed storage facilities: _____

q. Will the proposed action (commercial, industrial and recreational projects only) use pesticides (i.e., herbicides, insecticides) during construction or operation? ☐ Yes ☑ No

If Yes:

i. Describe proposed treatment(s):

_____

ii. Will the proposed action use Integrated Pest Management Practices? ☐ Yes ☑ No

r. Will the proposed action (commercial or industrial projects only) involve or require the management or disposal of solid waste (excluding hazardous materials)? ☐ Yes ☑ No

If Yes:

i. Describe any solid waste(s) to be generated during construction or operation of the facility:

- Construction: _____ tons per _____ (unit of time)
- Operation : _____ tons per _____ (unit of time)

ii. Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste:

- Construction: _____
- Operation: _____

iii. Proposed disposal methods/facilities for solid waste generated on-site:

- Construction: _____
- Operation: _____

s. Does the proposed action include construction or modification of a solid waste management facility? ☐ Yes ☑ No

If Yes:

i. Type of management or handling of waste proposed for the site (e.g., recycling or transfer station, composting, landfill, or other disposal activities): _____

ii. Anticipated rate of disposal/processing:

- _____ Tons/month, if transfer or other non-combustion/thermal treatment, or
- _____ Tons/hour, if combustion or thermal treatment

iii. If landfill, anticipated site life: _____ years

t. Will proposed action at the site involve the commercial generation, treatment, storage, or disposal of hazardous waste? ☐ Yes ☑ No

If Yes:

i. Name(s) of all hazardous wastes or constituents to be generated, handled or managed at facility: _____

ii. Generally describe processes or activities involving hazardous wastes or constituents: _____

iii. Specify amount to be handled or generated _____ tons/month

iv. Describe any proposals for on-site minimization, recycling or reuse of hazardous constituents: _____

v. Will any hazardous wastes be disposed at an existing offsite hazardous waste facility? ☐ Yes ☐ No

If Yes: provide name and location of facility: _____

If No: describe proposed management of any hazardous wastes which will not be sent to a hazardous waste facility:

E. Site and Setting of Proposed Action

E.1. Land uses on and surrounding the project site

a. Existing land uses.

i. Check all uses that occur on, adjoining and near the project site.

☑ Urban ☑ Industrial ☑ Commercial ☑ Residential (suburban) ☐ Rural (non-farm)
☐ Forest ☐ Agriculture ☐ Aquatic ☐ Other (specify): _____

ii. If mix of uses, generally describe:

The Project Site is surrounded primarily by open space and outdoor recreation and residential uses, in addition to transportation/utility and residential with commercial uses.

b. Land uses and covertypes on the project site.

Land use or Covertype	Current Acreage	Acreage After Project Completion	Change (Acres +/-)
• Roads, buildings, and other paved or impervious surfaces	0.02 acres	0.09 acres	+0.07 acres
• Forested	0	0	0
• Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural)	0	0	0
• Agricultural (includes active orchards, field, greenhouse etc.)	0	0	0
• Surface water features (lakes, ponds, streams, rivers, etc.)	0	0.25 acres	+0.25 acres
• Wetlands (freshwater or tidal)	0	0	0
• Non-vegetated (bare rock, earth or fill)	0	0	0
• Other Describe: Grassy areas and trees located within an urban garden	0.73 acres	0.41 acres	-0.32 acres

c. Is the project site presently used by members of the community for public recreation? ☑ Yes ☐ No

i. If Yes: explain: The Project Site is within the QBG, an apprx. 39-acre open space resource.

d. Are there any facilities serving children, the elderly, people with disabilities (e.g., schools, hospitals, licensed day care centers, or group homes) within 1500 feet of the project site? ☑ Yes ☐ No

If Yes,

i. Identify Facilities:

In addition to the surrounding areas of the 39-acre QBG, other facilities include Kissena Corridor Park, Flushing Meadows Corona Park, the All Community Adult Day Care, the New York Hospital Medical Center of Queens.

e. Does the project site contain an existing dam? ☐ Yes ☑ No

If Yes:

i. Dimensions of the dam and impoundment:

- Dam height: _____ feet
- Dam length: _____ feet
- Surface area: _____ acres
- Volume impounded: _____ gallons OR acre-feet

ii. Dam's existing hazard classification: _____

iii. Provide date and summarize results of last inspection:

f. Has the project site ever been used as a municipal, commercial or industrial solid waste management facility, or does the project site adjoin property which is now, or was at one time, used as a solid waste management facility? ☐ Yes ☑ No

If Yes:

i. Has the facility been formally closed? ☐ Yes ☐ No

- If yes, cite sources/documentation: _____

ii. Describe the location of the project site relative to the boundaries of the solid waste management facility:

iii. Describe any development constraints due to the prior solid waste activities: _____

g. Have hazardous wastes been generated, treated and/or disposed of at the site, or does the project site adjoin property which is now or was at one time used to commercially treat, store and/or dispose of hazardous waste? ☐ Yes ☑ No

If Yes:

i. Describe waste(s) handled and waste management activities, including approximate time when activities occurred:

h. Potential contamination history. Has there been a reported spill at the proposed project site, or have any remedial actions been conducted at or adjacent to the proposed site? ☐ Yes ☑ No

If Yes:

i. Is any portion of the site listed on the NYSDEC Spills Incidents database or Environmental Site Remediation database? Check all that apply: ☐ Yes ☑ No

☐ Yes – Spills Incidents database — Provide DEC ID number(s): _____

☐ Yes – Environmental Site Remediation database — Provide DEC ID number(s): _____

☐ Neither database

ii. If site has been subject of RCRA corrective activities, describe control measures: _____

iii. Is the project within 2000 feet of any site in the NYSDEC Environmental Site Remediation database? ☑ Yes ☐ No

If yes, provide DEC ID number(s): Off site facilities C241161, 581009, C241228A, C421229A, C41161A

iv. If yes to (i), (ii) or (iii) above, describe current status of site(s):

These offsite facilities underwent investigation and have been remediated or cleaned to the satisfaction of NYSDEC. Based on their distances from the Project Site, inferred groundwater flow relationship and/or regulatory status the 1 brownfield site that is also a SHWS facility would not be expected to have affected environmental conditions at the Project Site. See the "Hazardous Materials" section of Chapter 2.

v. Is the project site subject to an institutional control limiting property uses? ☐ Yes ☑ No

- If yes, DEC site ID number: _____
- Describe the type of institutional control (e.g., deed restriction or easement): _____
- Describe any use limitations: _____
- Describe any engineering controls: _____
- Will the project affect the institutional or engineering controls in place? ☐ Yes ☑ No
- Explain: _____

E.2. Natural Resources On or Near Project Site

a. What is the average depth to bedrock on the project site? > 6 feet

b. Are there bedrock outcroppings on the project site? ☐ Yes ☑ No
If Yes, what proportion of the site is comprised of bedrock outcroppings? _____%

c. Predominant soil type(s) present on project site: Laguardia-Ebbets Complex 100 %
_____ _____%
_____ _____%

d. What is the average depth to the water table on the project site? Average: >6 feet

e. Drainage status of project site soils: ☑ Well Drained: 100 % of site
☐ Moderately Well Drained: _____% of site
☐ Poorly Drained _____% of site
Drainage classifications not available for urban land soil types.

f. Approximate proportion of proposed action site with slopes: ☑ 0-10%: 100 % of site
☐ 10-15%: _____% of site
☐ 15% or greater: _____% of site

g. Are there any unique geologic features on the project site? ☐ Yes ☑ No
If Yes, describe: _____

h. Surface water features.

i. Does any portion of the project site contain wetlands or other waterbodies (including streams, rivers, ponds or lakes)? ☐ Yes ☑ No

ii. Do any wetlands or other waterbodies adjoin the project site? ☐ Yes ☑ No

If Yes to either *i* or *ii*, continue. If No, skip to E.2.i.

iii. Are any of the wetlands or waterbodies within or adjoining the project site regulated by any federal, state or local agency? ☐ Yes ☐ No

iv. For each identified regulated wetland and waterbody on the project site, provide the following information:

- Streams: Name _____ Classification _____
- Lakes or Ponds: Name _____ Classification _____
- Wetlands: Name _____ Approximate Size _____
- Wetland No. (if regulated by DEC) _____

v. Are any of the above water bodies listed in the most recent compilation of NYS water quality-impaired waterbodies? ☐ Yes ☐ No

If yes, name of impaired water body/bodies and basis for listing as impaired: _____

i. Is the project site in a designated Floodway? ☐ Yes ☑ No

j. Is the project site in the 100 year Floodplain? ☐ Yes ☑ No

k. Is the project site in the 500 year Floodplain? ☐ Yes ☑ No

l. Is the project site located over, or immediately adjoining, a primary, principal or sole source aquifer? ☑ Yes ☐ No
If Yes:

i. Name of aquifer: Brooklyn-Queens Sole Source Aquifer.

m. Identify the predominant wildlife species that occupy or use the project site:
house sparrow | rock pigeon | European starling
gray squirrel

n. Does the project site contain a designated significant natural community? ☐ Yes ☑ No
If Yes:
i. Describe the habitat/community (composition, function, and basis for designation): _____
ii. Source(s) of description or evaluation: _____
iii. Extent of community/habitat:
- Currently: _____ acres
- Following completion of project as proposed: _____ acres
- Gain or loss (indicate + or -): _____ acres

o. Does project site contain any species of plant or animal that is listed by the federal government or NYS as endangered or threatened, or does it contain any areas identified as habitat for an endangered or threatened species? ☐ Yes ☑ No

Piping plover, red knot, roseate tern, and seabeach amaranth are identified by USFWS Information, Planning, and Consultation System as potentially affected by activities in the project site. However, the project site lacks wide, open expanses of unvegetated beach that all of these species use for habitat. There are no critical habitats within the project site for these species and they are unlikely to occur within the project site. See "Natural Resources" section of Chapter 2.

p. Does the project site contain any species of plant or animal that is listed by NYS as rare, or as a species of special concern? ☐ Yes ☑ No

q. Is the project site or adjoining area currently used for hunting, trapping, fishing or shell fishing? ☐ Yes ☑ No
If yes, give a brief description of how the proposed action may affect that use: _____

E.3. Designated Public Resources On or Near Project Site

a. Is the project site, or any portion of it, located in a designated agricultural district certified pursuant to Agriculture and Markets Law, Article 25-AA, Section 303 and 304? ☐ Yes ☑ No
If Yes, provide county plus district name/number: _____

b. Are agricultural lands consisting of highly productive soils present? ☐ Yes ☑ No
i. If Yes: acreage(s) on project site? _____
ii. Source(s) of soil rating(s): _____

c. Does the project site contain all or part of, or is it substantially contiguous to, a registered National Natural Landmark? ☐ Yes ☑ No
If Yes:
i. Nature of the natural landmark: ☐ Biological Community ☐ Geological Feature
ii. Provide brief description of landmark, including values behind designation and approximate size/extent: _____

d. Is the project site located in or does it adjoin a state listed Critical Environmental Area? ☐ Yes ☑ No
If Yes:
i. CEA name: _____
ii. Basis for designation: _____
iii. Designating agency and date: _____

e. Does the project site contain, or is it substantially contiguous to, a building, archaeological site, or district which is listed on, or has been nominated by the NYS Board of Historic Preservation for inclusion on, the State or National Register of Historic Places? ☐ Yes ☑ No

If Yes:

i. Nature of historic/archaeological resource: ☐ Archaeological Site ☐ Historic Building or District

ii. Name: _____

iii. Brief description of attributes on which listing is based: _____

f. Is the project site, or any portion of it, located in or adjacent to an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory? ☑ Yes ☐ No

g. Have additional archaeological or historic site(s) or resources been identified on the project site? ☑ Yes ☐ No

If Yes:

i. Describe possible resource(s): NYS Museum Site 4545

ii. Basis for identification: Traces of Native American occupation reported in the early 20th century

h. Is the project site within fives miles of any officially designated and publicly accessible federal, state, or local scenic or aesthetic resource? ☑ Yes ☐ No

If Yes:

i. Identify resource: NYC Landmark - The Unisphere with its surrounding pool and fountains, Flushing Meadows-Corona Park, Queens, NY

ii. Nature of, or basis for, designation (e.g., established highway overlook, state or local park, state historic trail or scenic byway, etc.): Centerpiece and visual logo of the 1964-1965 New York World's Fair, symbol of "Peace Through Understanding".

iii. Distance between project and resource: 0.78 miles.

i. Is the project site located within a designated river corridor under the Wild, Scenic and Recreational Rivers Program 6 NYCRR 666? ☐ Yes ☑ No

If Yes:

i. Identify the name of the river and its designation: _____

ii. Is the activity consistent with development restrictions contained in 6NYCRR Part 666? ☐ Yes ☐ No

F. Additional Information

Attach any additional information which may be needed to clarify your project.

If you have identified any adverse impacts which could be associated with your proposal, please describe those impacts plus any measures which you propose to avoid or minimize them.

G. Verification

I certify that the information provided is true to the best of my knowledge.

Applicant/Sponsor Name Queens Botanical Garden Society, Inc. Date 3 June 2021

Signature Susan Lazetti Title Executive Director

PRINT FORM

CHAPTER 1. PROJECT DESCRIPTION

Introduction

The Dormitory Authority of the State of New York ("DASNY") has received a funding request from The Queens Botanical Garden Society, Inc., ("Queens Botanical Garden" or "QBG") for its *Open Air Pavilion and Kids Culture Garden* as part of the Community Capital Assistance Program ("CCAP") and/or State and Municipal Facilities Capital Program ("SAM") (DASNY project #8140). The Proposed Action would involve DASNY's authorization of the expenditure of CCAP and/or SAM program bond proceeds for the Proposed Project as described below.

The Proposed Project is being reviewed pursuant to the *State Environmental Quality Review Act ("SEQRA")*, codified at Article 8 of the *New York Environmental Conservation Law ("ECL"),* and its implementing regulations, promulgated at Part 617 of Title 6 of the *New York Code, Rules and Regulations ("N.Y.C.R.R."),* which collectively contain the requirements for the *State Environmental Quality Review ("SEQR")* process. The environmental review of the Open Air Pavilion and Kids Culture Garden project ("Proposed Project") follows *SEQRA*, and the New York *City Environmental Quality Review ("CEQR") Technical Manual* generally is used as a guide with respect to environmental analysis methodologies and impact criteria for evaluating the Proposed Project in this *Supplemental Report*, unless stated otherwise.[1]

The Proposed Project is also being reviewed in conformance with the *New York State Historic Preservation Act of 1980 ("SHPA")*, specifically the implementing regulations of Section 14.09 of the *Parks, Recreation and Historic Preservation Law ("PRHPL")*, as well as with the requirements of the Memorandum of Understanding ("MOU"), dated March 18, 1998, between the Dormitory Authority of the State of New York ("DASNY") and the New York State Office of Parks, Recreation and Historic Preservation ("NYSOPRHP").

Project Location and Site Details

The Project Site includes two non-contiguous locations within the Queens Botanical Garden: 1) the open air pavilion site is located in the southwest portion of the QBG and 2) the kids culture garden site is located in the south-central portion of the QBG. Both locations are grassy, unprogrammed open areas that include small, mature, and common trees.

The QBG is an approximately 39-acre property located in the Flushing neighborhood in the borough of Queens, Queens County, New York. The QBG occupies Block 5107, Lot 200 and is within Kissena Corridor Park. The QBG is located at 43-50 Main Street and is bounded by Main Street to the east; Elder Avenue, 133rd Street, and Booth Memorial Avenue to the south; College

[1] The City of New York, Mayor's Office of Environmental Coordination, *CEQR Technical Manual,* December 2020.

Point Boulevard to the west; and Blossom and Dahlia Avenues and Crommelin Street to the north Project Site (see **Figures 1-1 through 1-4**).

The QBG land is owned by the City of New York and receives funding through the Office of the Mayor of New York, the New York City Council, and the Office of the Queens Borough President, with most City funding issued through the New York City Department of Cultural Affairs ("NYCDCLA"). In addition, QBG receives New York State funding through NYSOPRHP. The QBG is under the jurisdiction of NYCDCLA. QBG capital projects must receive approval from the New York City Department of Parks and Recreation ("NYC Parks"). Approval from the New York City Public Design Commission ("NYCPDC") is also required because the QBG is on City-owned property.

The Project Site is entirely within New York City-owned mapped parkland. Zoning designations do not apply to City-owned land mapped as parkland on the City Map (see **Figures 1-5 and 1-6**).

Proposed Action and Proposed Project

As stated above, DASNY has received a request from QBG for grant funding from New York State (through CCAP and/or SAM) for the design and construction of the open air pavilion and composting toilets and the kids culture garden. For purposes of *SEQR*, the Proposed Action would consist of DASNY's authorization of the issuance of the grant funding to QBG.

The grant funding would be used to finance construction of a new, approximately 3,200-square-foot ("sf") open air pavilion structure and composting toilets and an approximately 0.5-acre kids culture garden (the "Proposed Project") within the southwest and south-central QBG (the "Project Site") (see **Figure 1-7**). The Proposed Project is part of a multi-phase Education Center that will also include an approximately 13,000-gross-square-foot ("gsf") Education Building. The Education Building is currently in design and undergoing a separate environmental assessment, with NYCDCLA and the New York City Department of Design and Construction ("NYCDDC") serving as the lead agencies for that review.

Construction of the Proposed Project is expected to begin in 2023 and be completed in 2024, with an overall construction duration of 18 months from the start of construction. It is anticipated that construction of the open air pavilion and the composting toilets would begin before construction of the kids culture garden. The approximately 3,200-gsf open air pavilion is expected to require site clearing and the installation of piles to support a structural slab for the base of the pavilion, followed by construction of the open air superstructure. Construction of the composting toilets would be concurrent with the open air pavilion. It is anticipated that the open air pavilion and composting toilets would be complete and operational in 2024, within approximately 9 months from the start of construction. Construction of the kids culture garden is expected to begin in 2023 and be complete and operational in 2024, within approximately 18 months from the start of construction. The kids culture garden would occupy approximately 0.5

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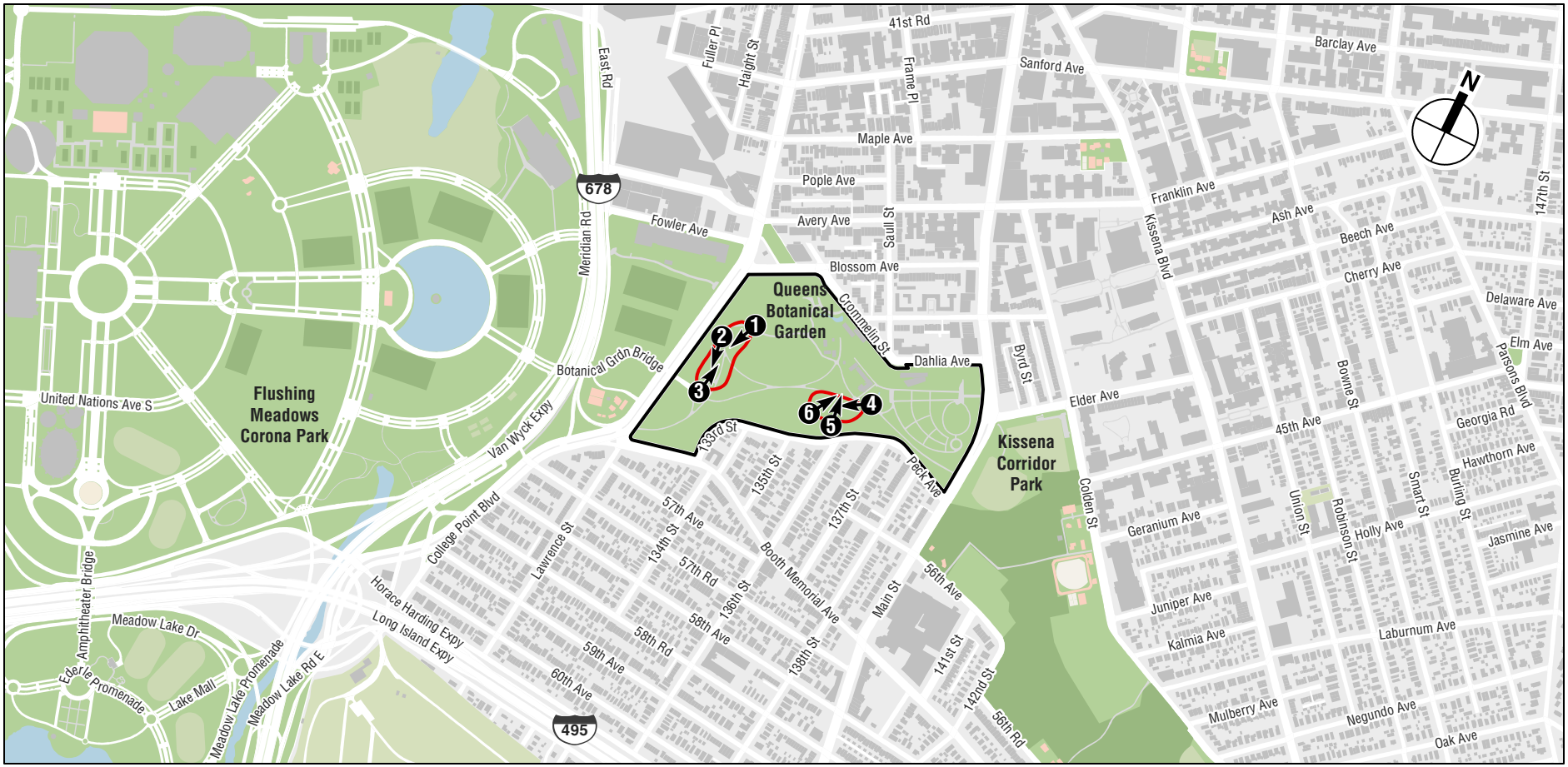
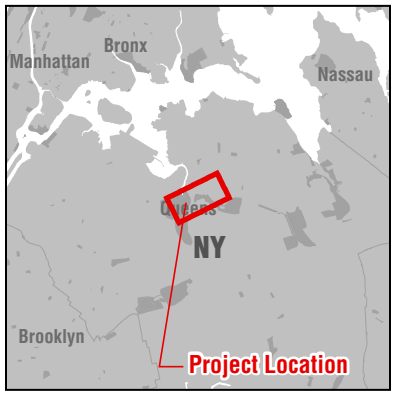


Note: Approximate locations of the Proposed Open Air Pavilion and Kids Culture Garden.



Project Location

Figure 1-1

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Project Site

Queens Botanical Garden

Note: Approximate locations of the Proposed Open Air Pavilion and Kids Culture Garden.

Queens Botanical Garden

Figure 1-2

View southwest from the Parking Garden **1**

View south from the haul road **2**

View north from area near the bridge over College Point Boulevard **3**

Note: Approximate location of the Proposed Open Air Pavilion

Project Site Views – Open Air Pavilion Site
Figure 1-3

View west including the hill on the left and the composting and farm areas in the far distance **4**

View east including crab apple trees on the left and the hill on the right **5**

View northeast from the hill including crab apple trees **6**

Note: Approximate location of the Proposed Open Air Pavilion

Project Site Views – Kids Culture Garden Site

Figure 1-4

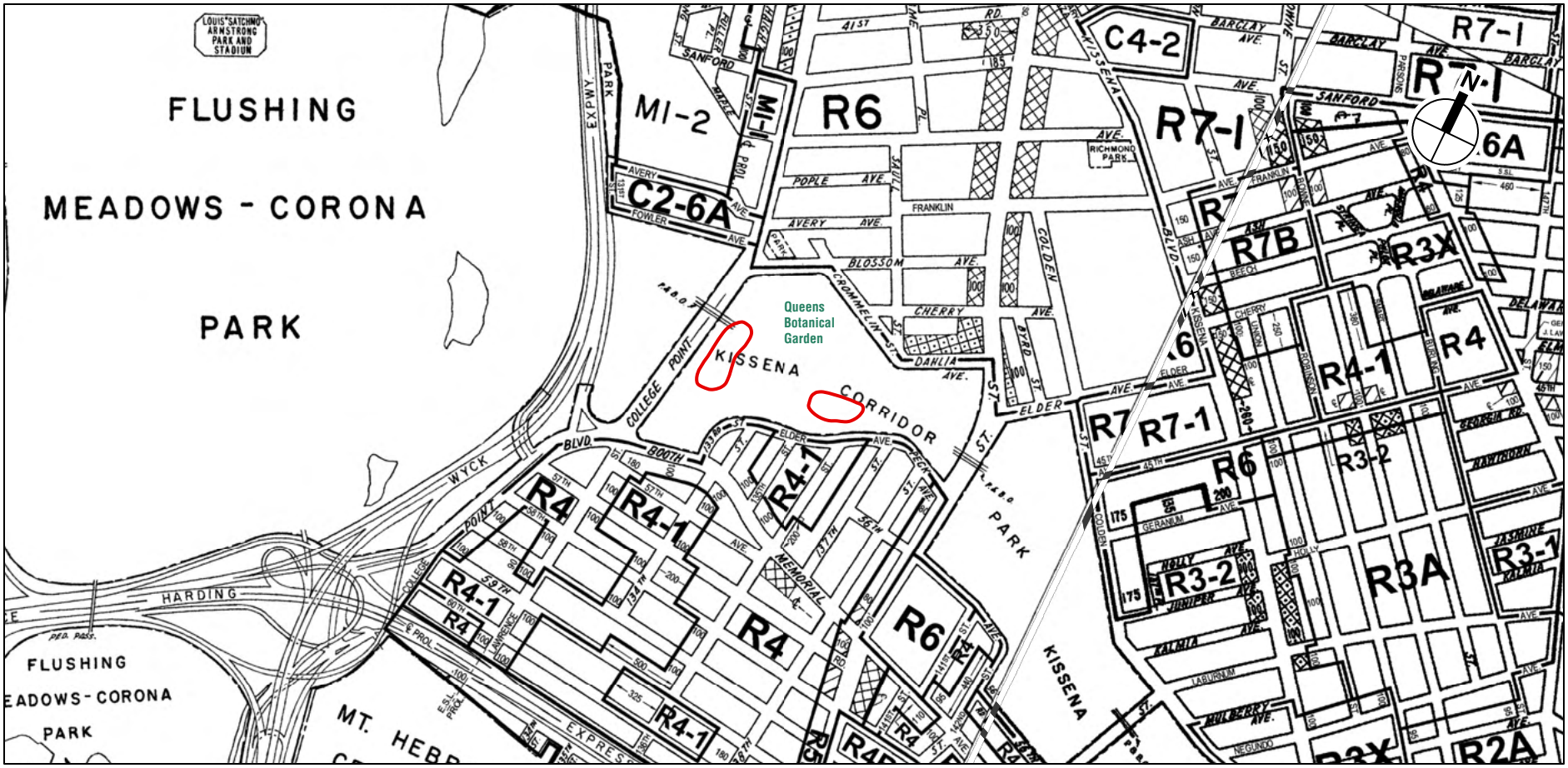
Note: Approximate locations of the Proposed Open Air Pavilion and Kids Culture Garden.

Land Use

QUEENS BOTANICAL GARDEN – OPEN AIR PAVILION AND KIDS CULTURE GARDEN

Figure 1-5

7.28.20



Project Site

Zoning District Boundaries

C1-2 Commercial Overlay District

C1-3 Commercial Overlay District

C2-2 Commercial Overlay District

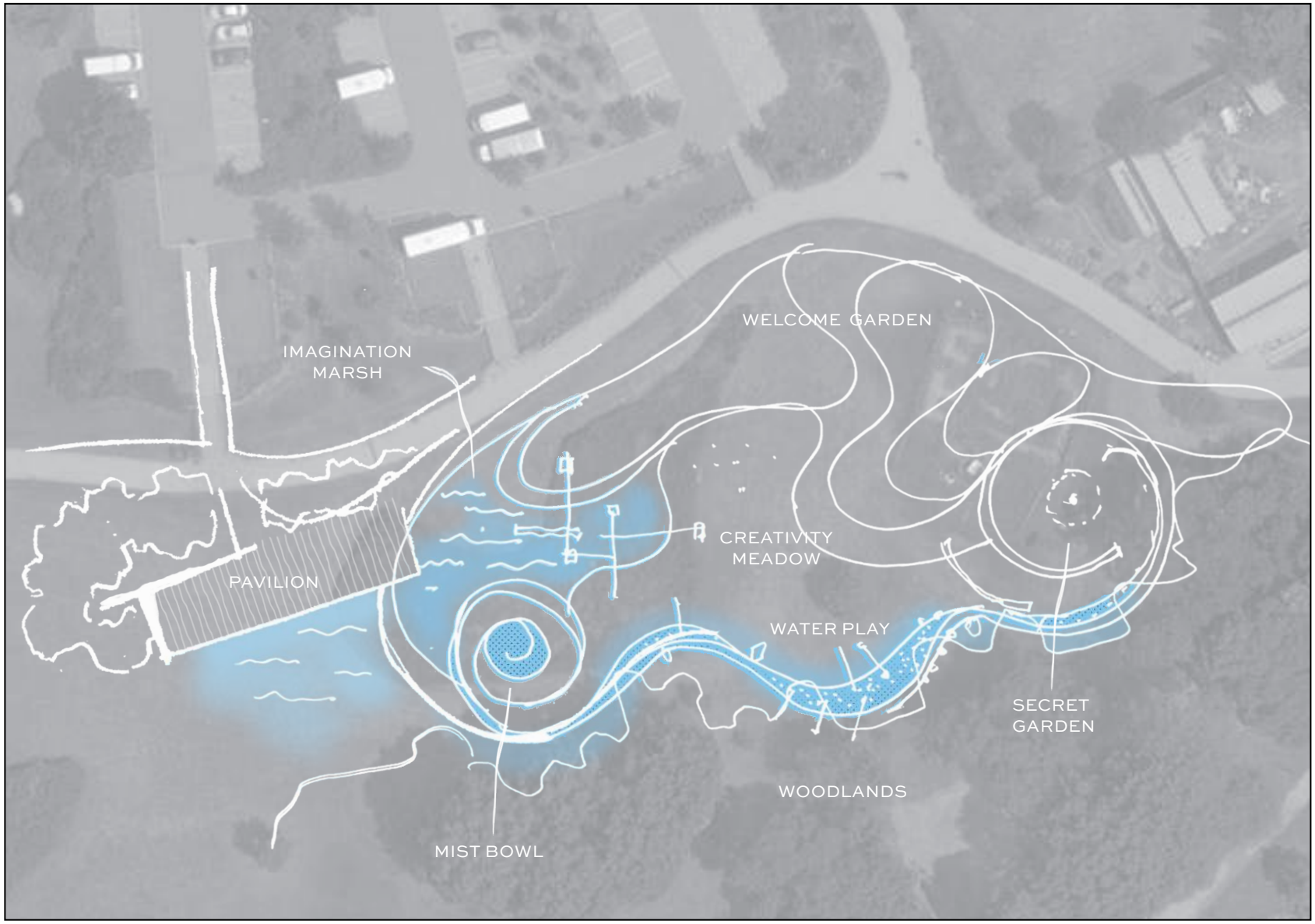
C2-3 Commercial Overlay District

Note: Approximate locations of the Proposed Open Air Pavilion and Kids Culture Garden.

Zoning

QUEENS BOTANICAL GARDEN – OPEN AIR PAVILION AND KIDS CULTURE GARDEN

Figure 1-6



Source: BKSK Architecture | Interiors

NOTE: FOR ILLUSTRATIVE PURPOSES ONLY

QUEENS BOTANICAL GARDEN - OPEN AIR PAVILION AND KIDS CULTURE GARDEN

Kids Culture Garden, Illustrative Concept Sketch

Figure 1-7

acres within the south-central portion of the QBG and would include woodlands, a garden, and water play areas.

The open air pavilion, composting toilets, and kids culture garden would be part of the comprehensive new Education Center at the QBG. As the new garden amenities would be developed within the QBG and would serve the QBG's staff and visitor populations, the Proposed Project is not expected to result in any significant increase in staff or visitor populations. Instead, the Proposed Project would provide the QBG with new garden amenities that would support the QBG's sustainability initiatives while enhancing the visitor experience of the garden, including opportunities for hands-on experiences within the kids culture garden.

Required Approvals

As described above, for the purposes of *SEQR,* the Proposed Action would consist of DASNY's authorization of funding to the QBG to finance construction of the Proposed Project. No other discretionary approvals would be required.

Project Purpose and Need

The QBG's mission is to provide "an urban oasis where people, plants, and cultures are celebrated through inspiring gardens, innovative educational programs, and real-world applications of environmental stewardship."[2] The QBG is an open air open space resource located in a densely-populated part of New York City. The QBG grew out of the five-acre "Gardens on Parade" that was exhibited at the 1939-1940 New York World's Fair. After the World's Fair closed, the garden was expanded using funds from local area residents and officially opened in 1946 as "The Queens Botanical Garden Society." The garden remained at its original World's Fair location until 1961 when it was relocated to its current site at 43-50 Main Street in Flushing.

The QBG continues to serve the immediate Flushing community and the broader Queens and NYC communities. The QBG focuses its efforts on fostering sustainable choices that contribute to protecting and nurturing the environment and community. QBG is invested in both teaching and practicing substainability through its various education programs that include hands-on learning experiences for garden visitors. The garden features many plants, including those that are native to the New York area, and incorporates ways to identify and celebrate cultural connections between residents and visitors to the garden.

The Proposed Project's open air pavilion, composting toilets, and kids culture garden would support the overall mission of the QBG and would be an integral part of the QBG's Education Center that is envisioned for the southwest part of the garden. The open air pavilion would provide approximately 3,200 sf of covered space that is envisioned to be used for

[2] Queens Botanical Garden website: https://queensbotanical.org/sustainability/. Accessed June 2020.

educational programs for children and adults and for professional development for teachers. The approximately 0.5-acre kids culture garden would provide hands-on learning opportunities. The Proposed Project would replace unprogrammed open areas within the southwest and south-central portions of the garden and would be sited adjacent to an Education Building that will be developed independent of the Proposed Project. The Proposed Project, as part of the Education Center, would complement the Education Building.

In addition, the Proposed Project would provide new amenity space in support of the QBG's goals to enhance the visitor's experience of the garden and provide new and expanded opportunities for visitors to explore the garden. The Proposed Project would also support the QBG's goals to better serve children and families visting the garden by providing hands-on and interactive learning experiences. The Proposed Project would transform the southwest and south-central areas of the garden with new amenities that would enhance the visitor experience of the QBG.

CHAPTER 2. ADDITIONAL TECHNICAL INFORMATION

The Dormitory Authority of the State of New York ("DASNY") has received a funding request from The Queens Botanical Garden Society, Inc., ("Queens Botanical Garden" or "QBG") for its *Open Air Pavilion and Kids Culture Garden* (the "Proposed Project") as part of the Community Capital Assistance Program ("CCAP") and/or State and Municipal Facilities Capital Program ("SAM") (DASNY project #8140). The Proposed Action would involve DASNY's authorization of the expenditure of CCAP and/or SAM program bond proceeds for the Proposed Project as described below.

The environmental review of the Open Air Pavilion and Kids Culture Garden follows the State Environmental Quality Review Act ("SEQRA"), and the New York City Environmental Quality Review ("CEQR") Technical Manual generally is used as a guide with respect to environmental analysis methodologies and impact criteria for evaluating the Proposed Project in this Supplemental Report, unless stated otherwise.[1] This section provides a summary of the environmental analysis areas that were evaluated using the screening procedures in the CEQR Technical Manual. Land Use, Zoning, and Public Policy

The Proposed Project would result in the development of new amenities within the Queens Botanical Garden. An approximately 30-foot-tall 3,200-gross-square-foot ("gsf") open air pavilion with composting toilets would be developed within the southwest portion of the QBG. The Proposed Project would also develop an approximately 0.5-acre kids culture garden that would be located within the south-central portion of the garden and would add new landscaping elements, including woodlands, a garden, and water play areas to this part of the garden. The Proposed Project would provide new garden amenities within the QBG, replacing unprogrammed open areas and would serve the garden's staff and visitor populations. The Proposed Project would be an integral part of a multi-phase Education Center at the QBG that will also include an approximately 13,000-gsf Education Building that is currently in design and undergoing a separate environmental assessment, with the New York City Department of Cultural Affairs ("NYCDCLA") and the New York City Department of Design and Construction ("NYCDDC") serving as the lead agencies for that review. The Proposed Project would be consistent with the existing uses within the QBG, which is within an area that largely consists of low- to medium-density residential uses to the north and south of the QBG with additional open space uses to its east and west. Therefore, the Proposed Project would not result in changes to land use or zoning on the Project Site or in the surrounding area and no further analysis is necessary. The Project Site is located within the City's designated Coastal Zone Boundary. In accordance with the guidelines of the *CEQR Technical Manual*, an evaluation of the Proposed Project's consistency with the City's Waterfront Revitalization Program ("WRP") policies was

[1] The City of New York, Mayor's Office of Environmental Coordination, *CEQR Technical Manual,* December 2020.

undertaken and concluded that the Proposed Project is consistent with the policies of the WRP. The Consistency Assessment Form ("CAF") and supporting material are included as **Appendix A**.

Socioeconomic Conditions

The socioeconomic character of an area includes its population, housing, and economic activity. According to the *CEQR Technical Manual*, a socioeconomic assessment should be conducted if a project may reasonably be expected to create substantial socioeconomic changes within the area affected by the project that would not occur in the absence of the project. Projects that would result in the following conditions would trigger a *CEQR/SEQRA* analysis of socioeconomic conditions:

- Direct displacement of a residential population so that the socioeconomic profile of the neighborhood would be substantially altered. Displacement of less than 500 residents would not typically be expected to affect socioeconomic conditions in a neighborhood.
- Direct displacement of more than 100 employees; or the direct displacement of a business or institution that is unusually important as follows: it has a critical social or economic role in the community, it would have unusual difficulty in relocating successfully, it is of a type or in a location that makes it the subject of other regulations or publicly adopted plans aimed at its preservation, it serves a population uniquely dependent on its services in its present location, or it is particularly important to neighborhood character.
- Introduction of substantial new development that is markedly different from existing uses, development, and activities within the neighborhood. Such a project could lead to indirect displacement. Residential development of 200 units or fewer or commercial development of 200,000 square feet or less would typically not result in significant socioeconomic impacts.
- Projects that are expected to affect conditions within a specific industry, such as a citywide regulatory change that could adversely impact the economic and operational conditions of certain type of businesses.

The Proposed Project would involve the development of new amenities within the QBG, including an approximately 3,200-sf open air pavilion, composting toilets, and an approximately 0.5-acre kids culture garden. The Proposed Project would not introduce or displace any residents, nor would it displace any employees or a business or institution. The Proposed Project is not expected to result in any significant increase in visitors to the QBG as the new open air pavilion, composting toilets, and kids culture garden are intended to fulfill existing needs of the QBG to provide amenities to visitors. The Proposed Project would be consistent with and would contribute to the existing open space uses at the QBG. Therefore, the Proposed Project does not meet the threshold for further analysis and would not result in any significant adverse impacts on socioeconomic conditions.

Community Facilities and Services

The *CEQR Technical Manual* states that a community facilities assessment is appropriate if a project would have a direct effect on a community facility, or if it would have an indirect effect by introducing new populations that would overburden existing facilities.

As explained below, the Proposed Project would not result in significant indirect effects on community facilities and services, such as public schools, libraries, hospitals, child-care centers, or police and fire protection.

- Schools: The *CEQR Technical Manual* specifies that if a project introduces more than 50 elementary and/or intermediate school students or 150 or more high school students who are expected to attend public schools, there may be a significant impact to educational facilities. The Proposed Project would not generate any residential units. Therefore, no further analysis is warranted.
- Libraries: The *CEQR Technical Manual* recommends an analysis of potential impacts to libraries if a project would increase the service population by more than 5 percent. The Proposed Project would not result in an increase to the population compared to the No Action condition, and would not generate any new residents. Therefore, further analysis is not necessary, and it is expected that there would be no significant adverse impacts to libraries.
- Health Care Facilities: The *CEQR Technical Manual* recommends an analysis of potential indirect impacts to public health care facilities if a project would introduce a sizeable new neighborhood. The Proposed Project would not generate any new residents. Therefore, further analysis is not necessary, and the Proposed Project would not result in significant adverse impacts to health care facilities.
- Child-Care Facilities: The *CEQR Technical Manual* recommends an analysis of potential impacts to publicly-funded group child-care and Head Start centers if a project would generate more than 20 eligible children under age 6 and living in low- to moderate-income residential units. As noted above, the Proposed Project would not generate any new low- or moderate-income residential units and, therefore, further analysis is not necessary.
- Police and Fire Protection: The *CEQR Technical Manual* recommends an analysis of potential impacts to police and fire services if a project would affect the physical operations of, or access to and from a precinct house or a station house, or if it would introduce a sizable new neighborhood. The Proposed Project would not directly affect the operations of a police or fire station, nor would it introduce a sizeable new neighborhood. Therefore, no further analysis is necessary.

As described above, the Proposed Project would involve the development of new amenities within the QBG, including an approximately 3,200-sf open air pavilion, composting toilets, and an approximately 0.5-acre kids culture garden. The Proposed Project is not expected to result in

an increase in staff or visitor populations at the Project Site or at the overall QBG. Therefore the Proposed Project would not result in a significant adverse community facilities impact, and no further analysis is necessary.

Open Space

According to the *CEQR Technical Manual*, an analysis of a proposed project's potential impacts on open space is required if it results in the physical loss of open space; changes to the use of an open space so that it no longer serves the same user population; limiting public access to an open space; or causing increased noise or air pollutant emissions, odors, or shadows on public open space that would affect its usefulness. The Proposed Project would: provide new and comparable open space amenities at the Project Site. The Proposed Project would not result in the physical loss of public open space or the introduction of 200 or more residents or 500 or more workers to the area. The Project Site is located in the southwest and south-central portions of the 39-acre QBG. Therefore, the Project Site is in an area of Queens that is well-served by open space. As a well-served area, the Proposed Project would not generate more than 350 residents or 750 workers, the thresholds for conducting an open space assessment in a well-served area.

The Proposed Project would replace two non-contiguous unprogrammed grassy, open areas that include small, mature, and common trees within the southwest and south-central portions of the QBG with a new approximately 3,200-sf open air pavilion and composting toilets and an approximately 0.5-acre kids culture garden. The open air pavilion is being designed with a modest profile that would maintain views to and through the structure to maintain physical and visual connections with the surrounding areas of the QBG. The kids culture garden is being designed as an experiential "discovery" area with various hands-on learning opportunities focused around plants and nature set within new landscaping elements, including woodlands, a garden, and water play areas. The Proposed Project is being planned in coordination with the QBG's arborists and sited in consideration of minimizing the effect of the Proposed Project on trees on the Project Site. Although the project would require the removal of certain trees from the Project Site, new trees, vegetation, and other plantings would be added to the Project Site as part of the Proposed Project. The Proposed Project would revitalize the southern and south-central areas of the QBG, an existing open space, by providing enhanced garden amenities to the garden. Therefore the Proposed Project would not result in any significant adverse impacts on open space and no further open space analysis is necessary.

Shadows

According to the *CEQR Technical Manual*, an adverse shadow impact is considered to occur when new shadow from a proposed project would fall on a publicly accessible open space, a historic landscape or architectural resource with sunlight-dependent features, or an important natural feature. The Proposed Project is located within the QBG which is a publicly accessible open space. The proposed approximately 30-foot-tall, 3,200-sf open air pavilion could potentially

cast new shadows on adjacent park land. The proposed composting toilets and kids culture garden would not cast new shadows on park land and are not analyzed further.

The areas immediately surrounding the site of the proposed open air pavilion would remain similar to existing conditions – open grassy areas with trees and paved walkways. Following *CEQR Technical Manual* guidelines, a shadow study was conducted to assess the potential extent and effects of new shadows on the surrounding grassy areas, trees, and paved paths.

A base map was developed using Geographic Information Systems ("GIS")[2] showing the range of potential locations of the proposed open air pavilion, the surrounding Queens Botanical Garden landscape, and the adjacent streets and properties (see **Figure 2-1**). According to the *CEQR Technical Manual*, the longest shadow that a structure can cast at the latitude of New York City occurs on December 21, the winter solstice, at the start of the analysis day, and is equal to 4.3 times the height of the structure. Conservatively assuming a maximum height of 30 feet, the proposed open air pavilion could cast a shadow up to approximately 129 feet in length (30 x 4.3). Using this length as the radius, a perimeter was drawn around the pavilion site to delineate the initial longest shadow study area (see **Figure 2-1**).

Because of the path that the sun travels across the sky in the northern hemisphere, no shadow can be cast in a triangular area south of any given project site. In New York City this area lies between -108 and +108 degrees from true north. **Figure 2-1** illustrates this triangular area south of the pavilion site where no project-generated shadow could fall. The complementary area to the north within the longest shadow study area represents the remaining area that could potentially experience new project-generated shadow. The remaining area contains open grassy areas with trees and paved walkways, and, at the southeastern corner of the shadows study area, a small portion of an area that currently contains composting facilities and farm plots.

Additional modeling was conducted to determine in greater detail the potential extent and duration of new shadows on the adjacent areas, in order to evaluate possible shading effects. The direction and length of shadows vary throughout the course of the day and also differ depending on the season. In order to understand this variation, three-dimensional computer modeling software[3] was used to develop a conservative illustrative approximation of the proposed open air pavilion, modeled at 30 feet wide, 110 feet long, and 30 feet tall with a peaked roof. Then, the illustrative pavilion's shadows were modeled on individual representative days of the year. Following the guidance of the *CEQR Technical Manual*, shadows on the summer solstice (June 21), winter solstice (December 21), and spring and fall equinoxes (March 21 and September 21, which are approximately the same in terms of shadow patterns) are modeled, to represent the range of shadows over the course of the year. An additional representative day during the growing season is also modeled, generally the day halfway between the summer

[2] Software: Esri ArcGIS Pro 2.5; Data: NYC Department of Information Technology and Telecommunications ("DoITT"), NYC Parks, Nearmap Aerial Imagery, and QBG and AKRF site visits.

[3] Bentley MicroStation.

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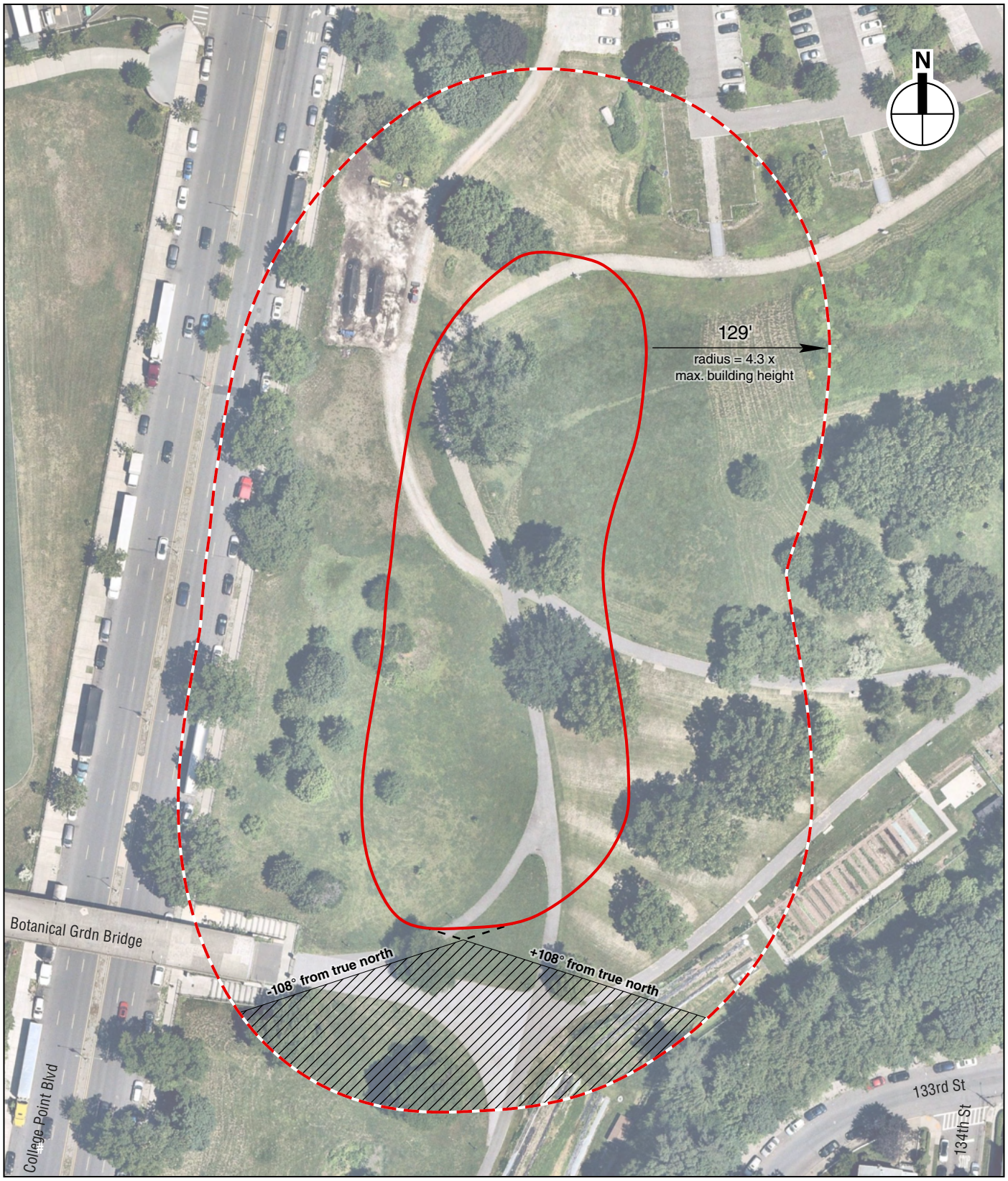

Project Site (Extent of Possible Locations for Proposed Open Air Pavilion)

Longest Shadow Study Area Perimeter

Area South of Site That Could Never Be Shaded by Proposed Facility

0 200 FEET

Longest Shadow Study Area

Queens Botanical Garden – Open Air Pavilion and Kids Culture Garden

Figure 2-1

solstice and the equinoxes, i.e., May 6 or August 6, which have approximately the same shadow patterns. The shadow assessment considers shadows occurring between 90 minutes after sunrise and 90 minutes before sunset. At times earlier or later than this timeframe for analysis, the sun is down near the horizon and the sun's rays reach the Earth at very tangential angles, diminishing the amount of solar energy and producing shadows that are very long, move fast, and generally blend with shadows from existing structures. Consequently, shadows occurring outside the timeframe for analysis are not considered significant.

Figure 2-2 illustrates the range of shadows that would occur from the illustrative pavilion on the four representative days for analysis. As the shadows move east and clockwise over the landscape, the shadows are shown occurring approximately every 60 minutes from the start of the analysis day (90 minutes after sunrise) to the end of the analysis day (90 minutes before sunset). These shadow patterns represent seasonal and daily variation that are typical for any structure at the latitude of New York City.

In current existing conditions, the grassy areas, trees, paved walkways, and composting/farm area within the longest shadow study area are too far from the low- and mid-rise buildings adjacent to the QBG to be shaded by them, and consequently are in sunlight throughout the day in all seasons.

The shadow assessment concluded that for any given location on the Project Site, new shadow from the proposed open air pavilion would fall on adjacent areas, moving clockwise and generally west to east over the course of each day, shading different areas at different times of day, similar to the example shown on **Figure 2-2**. The new project-generated shadow would be transient, and any grass and trees shaded in this manner would continue to be in direct sun for the majority of each day. Consequently, any new shadow resulting from the proposed open air pavilion would not significantly affect the health of the adjacent open grassy areas or mature trees. Regarding the composting and farm area in the southeast corner of the shadows study area, an examination of **Figures 2-1 and 2-2** indicates that were the proposed open air pavilion to be located in the southeastern corner of the Project Site, its shadow could potentially fall on a portion of the composting and farm area in the late afternoons of the late spring and summer seasons. This would not be expected to adversely affect their usability or viability, because they would not receive new project-generated shadows in the mornings or the early afternoons. Therefore, the Proposed Project, including the proposed open air pavilion, would not result in any significant shadows impacts and no further assessment of shadows is warranted.

Historic and Cultural Resources

This section assesses the potential of the Proposed Project to affect historic and cultural resources. Historic and cultural resources include both archaeological and architectural resources. This assessment has been prepared in conformance with the *New York State Historic Preservation Act of 1980* ("SHPA"), specifically the implementing regulations of Section 14.09 of the *Parks, Recreation and Historic Preservation Law* ("PRHPL"), as well as with the requirements of the Memorandum of Understanding ("MOU"), dated March 18, 1998, between the Dormitory

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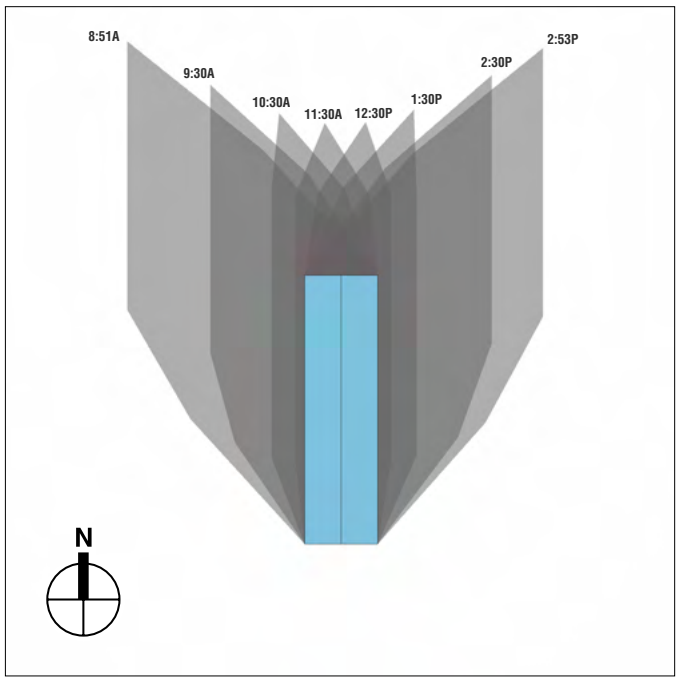
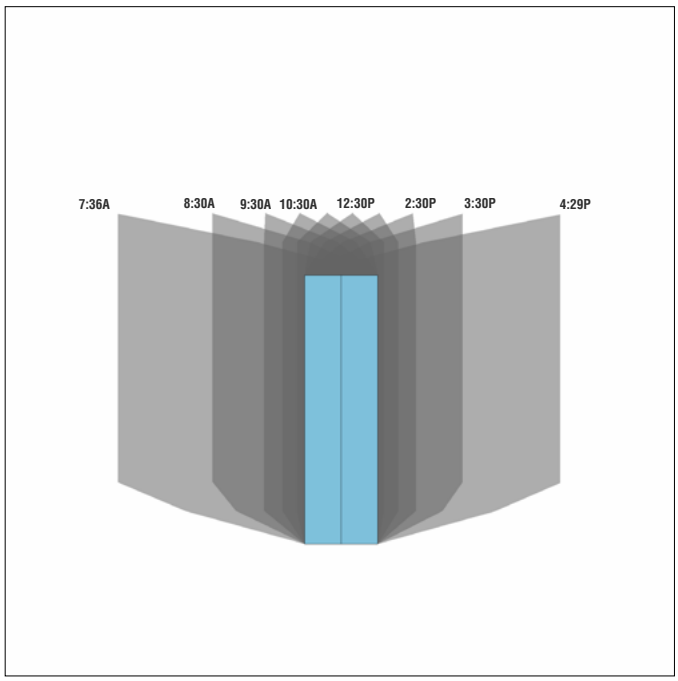
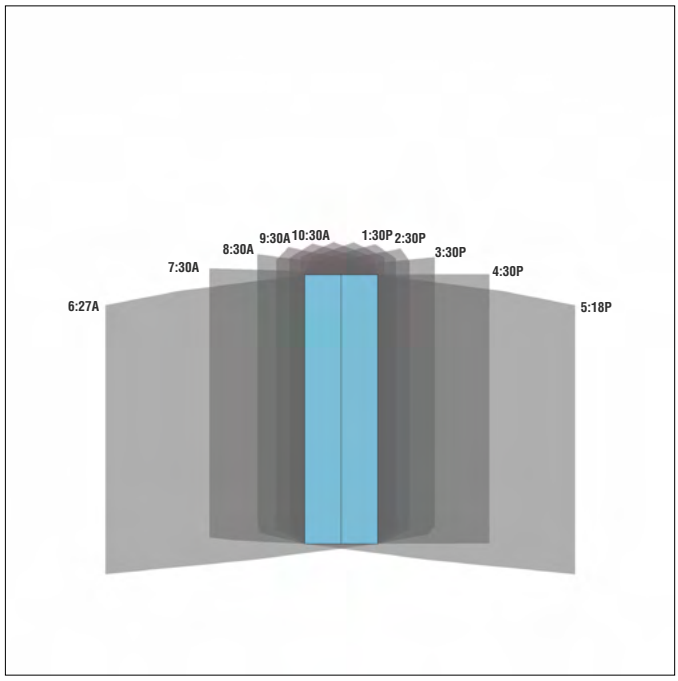


December 21



March 21 / September 21



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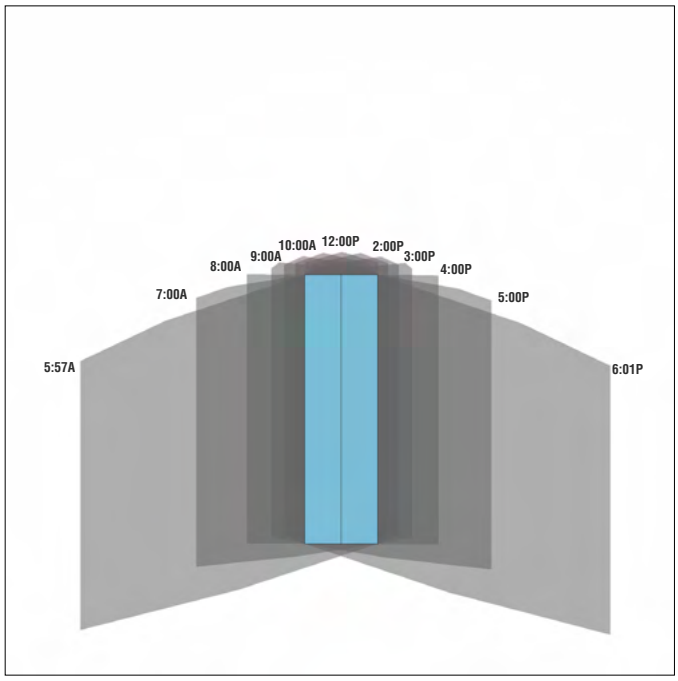

June 21

Building

Shadow

This figure illustrates the range of shadows that would occur from an example building on each of the four representative analysis days. The example building measures 30 feet wide by 110 feet long and is 30 feet tall with a peaked roof. The shadows are shown occurring approximately every 60 minutes from the start of the analysis day (90 minutes after sunrise) to the end of the analysis day (90 minutes before sunset). Daylight Saving Time was not used, per *CEQR Technical Manual* guidelines.

Shadow Patterns on Representative Days

Authority and the New York State Office of Parks, Recreation and Historic Preservation ("NYSOPRHP").

As described above and in Chapter 1, "Project Description," the Project Site occupies two non-contiguous locations within the southwest and south-central portions of the QBG (see **Figure 2-3**). The study area for archaeological resources is the Project Site itself, which includes the area that would be disturbed for project construction. As part of the environmental review for this project, project information was submitted to NYSOPRHP on January 14, 2021 through the Cultural Resource Information System ("CRIS"). In a comment letter dated January 20, 2021, NYSOPRHP requested the preparation of a Phase 1A Archaeological Documentary Study ("Phase 1A Study") of the Project Site given its location within a generalized area of archaeological sensitivity and its proximity to a previously reported archaeological site that was believed to have been associated with a Revolutionary War-era burial ground (see **Appendix B**, *Agency Correspondence*). In a comment letter dated February 2, 2021, the New York City Landmarks Preservation Commission ("NYCLPC") also requested the preparation of a Phase 1A Study of the Project Site. To satisfy these requests, AKRF prepared a Phase 1A Study of the sites of the open air pavilion and kids culture garden in March 2021.[4] The conclusions and recommendations of the Phase 1A Study are summarized below. In general, potential impacts to architectural resources can include both direct physical impacts (e.g., demolition, alteration, or damage from construction on nearby sites) and indirect, contextual impacts, such as the isolation of a property from its surrounding environment, or the introduction of visual, audible, or atmospheric elements that are out of character with a property or that alter its setting. The study area for architectural resources is, therefore, larger than the archaeological resources study area to account for any potential impacts that may occur where proposed construction activities could physically alter architectural resources or be close enough to them to potentially cause physical damage or visual or contextual impacts.

Following the guidelines of the *CEQR Technical Manual*, the architectural resources study area for this project is defined as being within an approximately 400-foot radius of the Project Site (see **Figure 2-3**). Known architectural resources include properties that are National Historic Landmarks ("NHLs"), properties listed on the State and National Registers of Historic Places ("S/NR") or that have been determined eligible for S/NR listing ("S/NR-eligible"), and properties that have been designated as New York City Landmarks ("NYCLs"), determined eligible for landmark status ("NYCL-eligible"), or calendared for NYCL designation. In addition, a survey of the study area was conducted to identify any previously undesignated properties that appear to meet S/NR or NYCL eligibility criteria ("potential architectural resources").

4 AKRF, Inc. (2021): "Open Air Pavilion and Kids Culture Garden at the Queens Botanical Garden, 43-50 Main Street (Block 5107, Lot 200); Kissena Park, Flushing, Queens County, New York: Phase 1A Archaeological Documentary Study." February 2021, Revised March 2021. Prepared for: Dormitory Authority of the State of New York; New York, NY.

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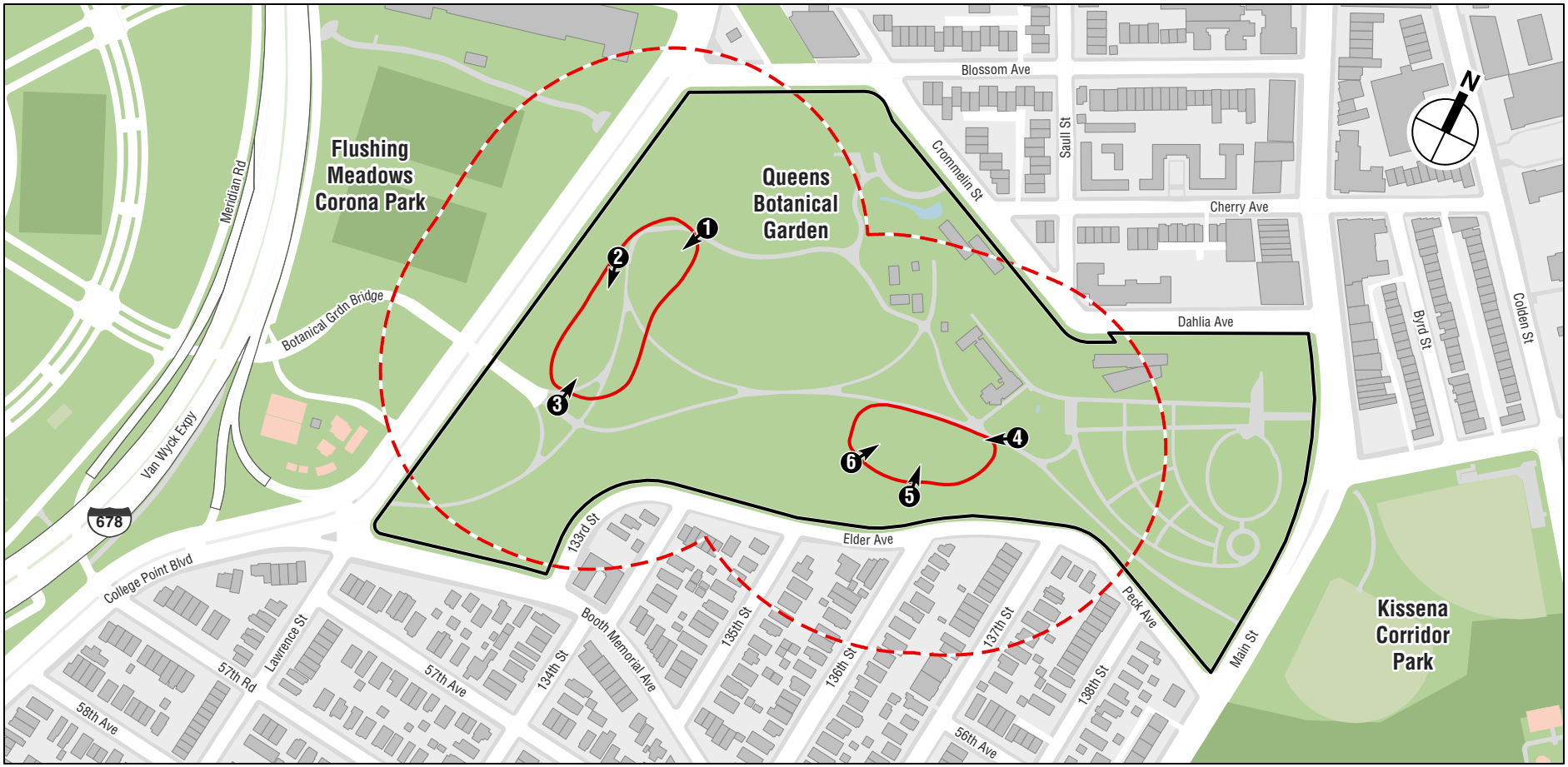

0 500 FEET

Project Site

Study Area (400-foot perimeter)

Queens Botanical Garden

Photograph View Direction and Reference Number

Note: Approximate locations of the Proposed Open Air Pavilion and Kids Culture Garden.

Historic and Cultural Resources Study Area

QUEENS BOTANICAL GARDEN – OPEN AIR PAVILION AND KIDS CULTURE GARDEN

Figure 2-3

Project Site

Archaeological Resources

The Phase 1A Study determined that the Project Site was largely inundated marshland associated with the larger network of wetlands known as Flushing Meadows. The modern site of the QBG was filled as part of the preparations for the 1939 World's Fair and the QBG was relocated to its current location in 1961. The Phase 1A Study included additional research into the archaeological site containing human remains that had been reported in the vicinity of the Project Site as mapped in the CRIS database of archaeological sites in New York State. Known as the Linnean Garden site or New York State Museum archaeological site 4524, the site was believed to have been a precontact (Native American) agricultural field that was later used as a botanical garden in the 18th and 19th centuries and that also contained a number of human burials dating to around the time of the Revolutionary War. The Phase 1A Study concluded that the site was actually located approximately 4,000 feet to the north/northwest of the Project Site and its location was incorrectly reported in CRIS. Given the Project Site's history of inundation; the lack of historic-period development on the site; and the confirmation of the mapping error regarding the Linnean Garden site, the Phase 1A Study concluded that the Project Site has low sensitivity for archaeological resources associated with the precontact occupation of the area and no sensitivity for archaeological resources dating to the historic period (see the Phase 1A Study in **Appendix B**, *Agency Correspondence*). As such, no further archaeological analysis (e.g., Phase 1B archaeological testing) was recommended.

In response to a review of a first draft of the Phase 1A Study issued in February 2021, NYSOPRHP issued a comment letter on February 22, 2021 that concurred with the conclusions and recommendations of the Phase 1A Study and stated that the Proposed Project would not result in adverse effects on cultural resources, including archaeological resources (see **Appendix B**, *Agency Correspondence*). At that time, NYSOPRHP requested that the Human Remains Discovery Protocol as issued by the New York State Historic Preservation Office ("SHPO") in January 2021 be implemented in the event that human remains are encountered during the construction of the Proposed Project. In a comment letter issued February 22, 2021, NYCLPC also requested minor revisions to the Phase 1A Study, including the preparation of an Unanticipated Discoveries Plan for human remains in compliance with the requirements outlined in NYCLPC's 2018 *Guidelines for Archaeological Work in New York City* (see **Appendix B**, *Agency Correspondence*).[5] A final revised version of the Phase 1A Study was issued in March 2021 that included a Plan for the Unanticipated Discovery of Human Remains that was in compliance with both the 2021 SHPO Human Remains Discovery Protocol and the 2018 NYCLPC guidelines. The revised draft of the Phase 1A Study was resubmitted and in a comment letter dated March 26, 2021, NYCLPC approved the revised draft (see **Appendix B**, *Agency Correspondence*). The revised report was accepted by NYSOPRHP via CRIS. The Plan for the Unanticipated Discovery of Human Remains will be implemented in the unlikely event that human remains are encountered during

5 https://www1.nyc.gov/assets/lpc/downloads/pdf/2018_Guidelines%20for%20Archaeology_Final_high%20res.pdf

the construction of the Proposed Project and will ensure that all necessary archaeological analysis will occur in coordination with NYCLPC and NYSOPRHP.

Architectural Resources

The Project Site comprises two non-contiguous locations within the QBG that contain grassy, unprogrammed open areas with small, mature, and common trees. There are no known or potential architectural resources on the Project Site (see **Figures 1-1 through 1-4** and **Figure 2-3**).

Study Area

Most of the study area is within the QBG and includes other garden components – the Meadow, the Bee Garden, the Herb Garden, the Annual Garden, and the Visitor and Administration Building. The Visitor and Administration Building was completed in 2007 and is LEED Platinum. Outside the QBG property, the study area includes a small portion of Flushing Meadows Corona Park to the west where soccer fields and a small part of a playground are located. The study area north of the QBG property includes a mid-20th century four-story brick-faced apartment building with no decorative detailing. South of the QBG, the study area includes various mid- and late-20th century attached and free-standing houses, most of which are faced in brick or vinyl siding. These houses do not present a consistent architectural period or style and are not architecturally distinctive. Therefore, there are no known or potential architectural resources in the study area.

Overall, because there are no known or potential architectural resources on the Project Site or in the study area, the Proposed Project would not result in any adverse physical, visual, or contextual effects on historic and cultural resources on the Project Site or in the study area.

Urban Design and Visual Resources

Urban design is defined as the totality of components that may affect a pedestrian's experience of public space. These components include streets, buildings, visual resources, open spaces, natural resources, and wind. According to the *CEQR Technical Manual*, a preliminary assessment of urban design and visual resources is appropriate when there is the potential for a pedestrian to observe, from the street level, a physical alteration beyond that allowed by existing zoning. Examples include projects that permit the modification of yard, height, and setback requirements, and projects that result in an increase in built floor area beyond what would be allowed "as of right" or in the future without the proposed project. As a public open space, the Project Site is not subject to zoning regulations; therefore, no analysis of zoning is warranted. Further, the proposed open air pavilion and composting toilets would be low scale, modest structures within the southwest and south-central areas of the garden and the kids culture garden components would have a low visual profile. Views of these new amenities within the QBG would be limited to nearby areas of the garden, with longer views from beyond the garden further limited by intervening landscaping and built structures. Further, the Proposed Project would be developed within the context of the QBG and would be consistent with other amenities

within the garden. Therefore, the Proposed Project would not result in any significant adverse impacts to urban design and visual resources and no further analysis is required.

Natural Resources

A natural resources assessment is conducted when a natural resource is present on or near a development site and if a project involves the direct or indirect disturbance of that resource. The *CEQR Technical Manual* defines natural resources as water resources, including surface water bodies and groundwater; wetland resources, including freshwater and tidal wetlands; upland resources, including beaches, dunes, and bluffs, thickets, grasslands, meadows and old fields, woodlands and forests, and gardens and other ornamental landscaping; and built resources, including piers and other waterfront structures.

The Project Site is part of the QBG within Kissena Corridor Park, which is in a developed urban landscape. Within the Project Site, natural resources are limited to mowed lawn with trees and urban structure exterior ecological communities with common lawn species (e.g., Kentucky bluegrass [*Poa pratensis*], perennial ryegrass [*Lolium perenne*], tall fescue [*Festuca arundinacea*], white clover [*Trifolium repens*], red clover [*Trifolium pratense*], and common dandelion [*Taraxacum officinale*]), planted trees (e.g., crabapple [*Malus* sp.], eastern cottonwood [*Populus deltoides*], ginkgo [*Ginkgo biloba*], white oak [*Quercus alba*]), and ornamental shrubs.

During construction of the approximately 3,200-sf open air pavilion and composting toilets, and the approximately 0.5-acre kids culture garden, clearing, grading, and pile driving (for the open air pavilion) would occur. The open air pavilion and composting toilets would result in approximately 3,200 sf of habitat loss but would be sited to minimize tree removals. The kids culture garden would be planted with ornamental and native species that would provide habitat for wildlife at the Project Site, which is comparable to the existing conditions. The Proposed Project is being planned and sited in coordination with the QBG's arborists in consideration of minimizing impacts to trees on the Project Site and in the surrounding areas of the garden during construction. Protection of trees during construction is anticipated to include measures such as installing fencing around trees and locating heavy equipment away from tree root zones. Further, as a botanical garden, the QBG has oversight of the trees within the garden; the removal of trees within the garden does not require permission from NYC Parks. Therefore, the Proposed Project would not result in significant adverse impacts to vegetation and ecological communities within the Project Site.

Wildlife within the Project Site are limited to the few urban-adapted species that would use the mowed lawn with tree habitat present within the Project Site, which is within many other open space areas within New York City. Examples of these commonly occurring wildlife species include house sparrow (*Passer domesticus)*, rock pigeon (*Columba livia)*, European starling (*Sturnus vulgaris)*, and gray squirrel (*Sciurus carolinensis*). Wildlife using the limited habitats within the Project Site would be expected to find similar available habitat nearby within the vicinity of the Project Site. Therefore, the loss of these small areas (approximately 0.07 acres for the open air pavilion and composting toilets, and approximately 0.5 acres of the kids culture

garden) of limited habitat would not result in significant adverse impacts to any populations of urban wildlife species using the Project Site. Secondary impacts due to increased noise and human activity during construction may temporarily displace some wildlife species to similar habitats in the vicinity of the Project Site. However, most of the wildlife species are disturbance-tolerant and would not be affected. Further, the Proposed Project would be expected to result in limited habitats similar to those currently present and would be expected to support wildlife species similar to those currently using the Project Site.

The Project Site is within the Brooklyn-Queens aquifer system, which is a designated Sole Source Aquifer. Groundwater within New York City is not used as a potable water source. The Proposed Project would result in a minimal increase in impervious cover within the Project Site but would not have the potential to adversely affect groundwater resources. The Project Site is not within the 1 percent or 0.2 percent annual flood chance, based on a review of the FEMA preliminary Flood Insurance Rate Map ("FIRM"), therefore, the Proposed Project would not have the potential to adversely affect flood risk within or adjacent to the Project Site.

A review of the New York State Department of Environmental Conservation ("NYSDEC") Environmental Resource Mapper[6] indicates that there are no records of state-listed threatened, endangered, or special concern species within the Project Site. Piping plover (*Charadrius melodus*; threatened), red knot (*Calidris canutus rufa*; threatened), roseate tern (*Sterna dougallii dougallii*; endangered), and seabeach amaranth (*Amaranthus pumilus*; threatened) are the only federally-listed candidate, or proposed species listed by the United States Fish and Wildlife Service ("USFWS") Information, Planning, and Conservation ("IPaC") System[7] as having the potential to be affected by activities at the Project Site. However, the Project Site lacks wide, open expanses of unvegetated beach that all of these species use for habitat. There are no critical habitats within the Project Site for these species. Therefore, piping plovers, red knot, roseate tern, and seabeach amaranth are not considered to have the potential to occur within the Project Site. As such, the Proposed Project would not have the potential to adversely affect state- or federally-listed species. The Project Site does not contain surface waters or wetlands.

Overall, the Proposed Project is not expected to result in significant adverse impacts to natural resources, and no further assessment is warranted.

Hazardous Materials

This section addresses the potential for the presence of hazardous materials resulting from previous and existing uses both on-site and in adjacent areas, and potential risks as a result of the Proposed Project with respect to any such hazardous materials.

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[6] New York State Department of Environmental Conservation ("NYSDEC") Environmental Resource Mapper. (Accessed on June 3, 2020. Available at: http://www.dec.ny.gov/gis/erm/)

[7] United States Fish and Wildlife Service's ("USFWS") Information, Planning, and Conservation ("IPAC") IPAC System (Accessed on June 3, 2020. Available at: http://ecos.fws.gov/ipac/)

The Proposed Project includes new construction for the approximately 3,200-sf open air pavilion, composting toilets, and the approximately 0.5-acre kids culture garden, within the existing QBG campus and would involve soil excavation activities.

A Phase I Environmental Site Assessment ("Phase I ESA") was performed for the Project Site by AKRF, Inc. in July 2020 in conformance with ASTM Standard E1527-13, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Practice* to identify potential environmental concerns resulting from past or current on- and off-site operations. The Phase I ESA included a visual inspection of the property; a review of available records including a 2011 limited waste characterization study, historical land use maps and aerial photographs to determine previous on-site and adjacent land uses; and an evaluation of regulatory databases for the Project Site and neighboring properties. The Phase I ESA identified "Recognized Environmental Conditions" ("RECs") including: limited petroleum contamination identified in geotechnical borings completed in several areas throughout the QBG campus, including in two nearby locations (i.e. within roughly 150 feet) to the Project Site; and other non-REC environmental concerns including nearby facilities and spill listings identified in the regulatory database information and potential historic fill materials beneath the site possibly containing polychlorinated biphenyls ("PCBs"), lead-based paint ("LBP"), petroleum and/or asbestos-containing materials ("ACM").

The Proposed Project would entail limited excavation associated with new construction at the Project Site. Although these activities could increase pathways for worker (and, to a lesser extent, community and environmental) exposure to any contaminated soils or other contaminated materials that are present, impacts would be avoided by incorporating the following measures into the Proposed Project:

- Prior to any significant subsurface disturbance of on-site soil that would be required for the Proposed Project, a limited subsurface ("Phase II") investigation (i.e., soil testing for disposal purposes and reuse, as applicable) would be conducted in areas of potential excavation to ensure that soil management is conducted in accordance with applicable regulations. If future redevelopment plans include occupied/enclosed structures, a more comprehensive Phase II Investigation may be warranted prior to redevelopment.
- A site-specific Construction Health and Safety Plan ("CHASP") would be prepared and implemented during the subsurface disturbance associated with the Proposed Project. The CHASP would include measures for worker and community protection, including specifying requirements for personal protective equipment, dust control, and air monitoring.
- It is anticipated that all excavated soil from the Project Site, which would be reused as part of the Proposed Project or relocated to other areas within the QBG, would be properly characterized in accordance with applicable state and federal regulatory requirements prior to placement at the Project Site or elsewhere within the QBG. However, should any excavated soil require off-site disposal, it would be characterized and managed in accordance with applicable state and federal regulatory requirements and the testing requirements of the intended receiving facility. Transportation of material for off-site disposal would be in

accordance with federal, state and local requirements covering licensing of haulers and trucks, placarding, truck routes, manifesting, etc.

- Although petroleum tanks are not anticipated at the Project site, removal of any encountered petroleum tanks (and/or any contaminated soil) would be performed in accordance with applicable regulatory requirements including NYSDEC's requirements relating to spill reporting and tank registration.
- Dewatering (if required) would be managed and discharged in accordance with applicable local and state regulatory requirements.
- Any activities with the potential to disturb LBP would be performed in accordance with the applicable Occupational Safety and Health Administration regulation (OSHA 29 CFR 1926.62—Lead Exposure in Construction).
- Although ACMs are not anticipated at the Project Site, prior to any activities with the potential to disturb suspect ACMs, an asbestos survey would be conducted (i.e., if suspect ACM is encountered within fill materials during construction) to determine whether these materials are ACMs. If these materials prove to contain asbestos, they would be properly removed and disposed of in accordance with all state and federal regulations.
- Unless there is labeling or test data that indicates that florescent lights, other electrical equipment, and fill materials are not mercury- and/or PCB-containing, if disposal is required, it would be performed in accordance with applicable federal, state, and local regulations and guidelines.

Water and Sewer Infrastructure

A *CEQR Technical Manual* water and sewer infrastructure assessment analyzes whether a project may adversely affect the city's water distribution or sewer system and, if so, assess the effects of such projects to determine whether their impact is significant, and present potential mitigation strategies and alternatives. According to the *CEQR Technical Manual*, only projects that increase density or change drainage conditions on a large site require a water and sewer infrastructure analysis.

A water supply assessment would be required for projects with an exceptionally large demand for water (over 1 million gallons per day) or for projects located in an area that experiences low water pressure (such as Coney Island and the Rockaway Peninsula). In addition, a wastewater and storm water conveyance and treatment analysis would be necessary if the project:

- Is located in a combined sewer area and would result in over 1,000 residential units or 250,000 sf of commercial/institutional use in Manhattan, or 400 residential units or 150,000 sf of commercial/institutional use in all other boroughs;
- Is located in a separately sewered area and would exceed: 25 residential units or 50,000 sf of commercial/institutional use in R1, R2, or R3 districts; 50 residential units or 100,000

sf of commercial/institutional use in R4 or R5 districts; 100 residential units or 100,000 sf of commercial/institutional use in all other zoning districts;

- Is located in an area that is partially sewered or currently unsewered;
- Involves development on a site 5 acres or larger where the amount of impervious surface would increase;
- Would involve development on a site 1 acre or larger where the amount of impervious surface would increase and is located in the Jamaica Bay watershed or specific drainage areas (Bronx River, Coney Island Creek, Flushing Bay and Creek, Gowanus Canal, Hutchison River, Newtown Creek, Westchester Creek); or
- Would involve construction of a new storm water outfall that requires federal and/or state permits.

The Proposed Project would be well below the 1 million gallons per day ("gpd") water consumption threshold set forth in the *CEQR Technical Manual*. Further, it is the QBG's intention to manage and recirculate all storm water on site, within the QBG. Though the Project Site is located in an area identified as "other" on New York City Department of Environmental Protection ("NYCDEP")'s map of New York City drainage systems, it is conservatively assumed that the Proposed Project would connect to the local sewer infrastructure in the area which is consistent with other existing structures in the QBG. Further, the Proposed Project does not involve development on a site 1 acre or larger; and would not involve construction of a new storm water outfall. Therefore, the Proposed Project would not result in any significant impacts of water and sewer infrastructure, and no further analysis is necessary.

Solid Waste and Sanitation Services

A solid waste assessment determines whether a Proposed Project has the potential to cause a substantial increase in solid waste production that may overburden available waste management capacity or otherwise be inconsistent with the city's Solid Waste Management Plan ("SWMP" or "Plan") or with state policy related to the city's integrated solid waste management system. The city's solid waste system includes waste minimization at the point of generation, collection, treatment, recycling, composting, transfer, processing, energy recovery, and disposal. As the Proposed Project is not expected to result in any significant increase in staff or visitor populations, it is not expected to generate a substantial amount of solid waste as defined in the *CEQR Technical Manual*. Further, the Proposed Project would include composting toilets that would contribute to efforts to minimize waste system demands at the QBG. Therefore, the Proposed Project would not affect the city's capacity to handle solid waste, and no further analysis is required.

Energy

As described in the *CEQR Technical Manual*, all new structures requiring heating and cooling are subject to the New York City Energy Conservation Code. Therefore, the need for a

detailed assessment of energy impacts would be limited to projects that may significantly affect the transmission or generation of energy. However, a project's operational energy consumption is often calculated. It is expected that the Proposed Project, would consume approximately 802,240 million British Thermal units ("MBTu") per year.[8] This would not be considered a significant demand for energy. Therefore, the Proposed Project would not result in significant adverse impacts to the consumption or supply of energy.

Transportation

The Proposed Project is not expected to result in any significant increase in staff or visitor populations. Therefore, the Proposed Project would not generate more than the *CEQR Technical Manua*l thresholds requiring further analysis of 50 vehicle trips or 200 pedestrian or transit trips. A transportation analysis is not warranted, and the Proposed Project would not result in any significant adverse transportation (traffic, parking, transit, or pedestrian) impacts.

Air Quality

A proposed action may have direct and indirect impacts on air quality. Direct effects stem from emissions generated by stationary sources on a project, such as emissions from fossil fuel burned on-site for heat and hot water systems. Indirect effects stem from emissions generated by nearby stationary sources and from emissions generated by motor vehicles traveling to and from the project site after completion.

The Proposed Project would not result in any increase in traffic; therefore, no mobile source air quality analysis is required. The open air pavilion would be an open air structure that would not have a heating, ventilation, and air conditioning ("HVAC") system. Though not anticipated, the composting toilets could result in negligible odors; however, any such odors would not be detectable at off-site locations. Therefore, no adverse impacts due to odors would occur with the Proposed Project. In addition the kids culture garden would provide new landscaping amenities to the garden. The Proposed Project would not introduce any new sources of air emissions; therefore, a stationary source analysis is not required. Overall, the Proposed Project would not result in any significant adverse air quality impacts.

Greenhouse Gas Emissions

Increased greenhouse gas ("GHG") emissions are changing the global climate, which is predicted to lead to wide-ranging effects on the environment, including rising sea levels, increases in temperature, and changes in precipitation levels. According to the *CEQR Technical Manual*, GHG assessments are appropriate for projects with the greatest potential to produce

[8] Based on the energy usage rate for institutional buildings (250.7 MBtu/sf) from Table 15-1 "Average Annual Whole-Building Energy Use in New York City." The City of New York, Mayor's Office of Environmental Coordination, *CEQR Technical Manual,* December 2020.

GHG emissions that may result in inconsistencies with either the city's or state's GHG reduction goals[9 & 10] to a degree considered significant and, correspondingly, have the greatest potential to reduce those emissions through the adoption of project measures and conditions. Generally assessments are performed for larger projects resulting in the development of 350,000 sf or greater undergoing an Environmental Impact Statement ["EIS"], or for projects on a case-by-case basis to determine its consistency with reduction goals. In addition, actions that fundamentally change the city's waste management system, such as city capital projects, power generation projects, and promulgation of regulations, may also need to be analyzed.

While the Proposed Project would involve the construction of an approximately 30-foot-tall, 3,200-sf open-air pavilion and an approximately 0.5-acre kids culture garden on the Project Site, the Proposed Project would not include an HVAC system. Electricity consumption associated with the Proposed Project would result in GHG emissions. However, these emissions would not be considered significant, and would decrease over time as renewable energy sources are introduced into the city's electric grid. Additionally, the Proposed Project is not expected to result in any significant increase in staff or visitor populations as the proposed new amenities are intended to enhance the garden's existing amenities for educational and hands-on learning experiences. The Proposed Project is not a city capital project, would not introduce new power generation, would not change the city's waste management system, and would not affect regulations.

Consequently, the Proposed Project would not result in significant GHG emissions and assessment of consistency with the city's GHG emission reduction goal is not required. Therefore, no further analysis is necessary.

Noise

The Proposed Project is not expected to result in any significant increase in staff or visitor populations, and consequently would not generate sufficient traffic to cause a 3 dBA increase in noise levels (i.e., doubling noise passenger-car-equivalents ["Noise PCEs"]) at any surrounding receptors, which would be considered a significant increase in noise. The Proposed Project also does not include above-ground stationary noise sources that could potentially increase noise levels at surrounding receptors. Therefore, existing sensitive receptors are not expected to experience increased noise levels as a result of the Proposed Project and an analysis of mobile and stationary noise sources on surrounding receptors is not warranted. The Proposed Project includes development of amenities for existing publicly accessible open space, but would not include development of any new open space that would constitute the introduction of a new noise-sensitive receptor location. Consequently, an analysis of noise exposure at the Project Site

[9] As part of the city's the *New York City Climate Protection Act* (Local Law 22 of 2008) and OneNYC 2050, the city has a goal of reducing citywide GHG by 30 percent below 2005 levels by 2030 and achieve net-zero carbon emissions by 2050.

[10] As part of the state's *Climate Leadership and Community Protection Act*, the state has a goal of reducing statewide GHG emissions from anthropogenic sources by 40 percent below 1990 levels by 2030, and 100 percent below 1990 levels by 2050.

is not warranted, and the Proposed Project would not have the potential to result in any significant adverse noise impacts.

Public Health

According to the *CEQR Technical Manual*, public health involves the activities that society undertakes to create and maintain conditions in which people can be healthy. Public health may be jeopardized by poor air quality resulting from traffic or stationary sources, hazardous materials in soil or groundwater used for drinking water, significant adverse impacts related to noise or odors, solid waste management practices that attract vermin and pest populations. Detailed public health analysis is warranted for projects with identified unmitigated adverse impacts in air quality, water quality, hazardous materials, or noise. The Proposed Project is not expected to result in any significant adverse impacts to air quality, water quality, hazardous materials, or noise. No exceedance of federal, state, or city standards would occur as a result of the Proposed Project. Therefore, the Proposed Project would not result in any significant adverse impacts to public health, and no further analysis is warranted.

Neighborhood Character

As defined in the *CEQR Technical Manual*, neighborhood character is considered to be an amalgam of the various elements that define a neighborhood's distinct personality. These elements may include a neighborhood's land use, socioeconomic conditions, open space, historic and cultural resources, urban design, visual resources, shadows, transportation, and/or noise. Not all of these elements affect neighborhood character in all cases; a neighborhood usually draws its distinctive character from a few defining elements. An assessment of neighborhood character is generally needed when a Proposed Project has the potential to result in significant adverse impacts in any of the technical areas listed above, or when the project may have moderate effects on several of the elements that define a neighborhood's character.

As detailed in the project description, the Proposed Project would involve the development of a new, approximately 3,200-sf open air pavilion, composting toilets, and an approximately 0.5-acre kids culture garden. These new garden amenities would be developed entirely within the grounds of the QBG and would replace unprogrammed open areas. The Proposed Project would be an integral part of a multi-phase Education Center at the QBG that will also include an Education Building, which is currently in design and undergoing a separate environmental assessment. Further, the Proposed Project would be consistent with the existing uses within the QBG, which is located in an area that largely consist of low- to medium-density residential uses to the north and south of the QBG with additional open space uses to its east and west. The proposed changes to the Project Site would not result in any significant adverse impacts to neighborhood character. Further, the Proposed Project would not result in any adverse impacts to the neighborhood's land uses, socioeconomic conditions, open space, urban design, visual resources, shadows, transportation, or noise.

Overall, the Proposed Project would develop new amenities that would be consistent with the QBG's existing facilities. The Proposed Project would support the QBG's sustainability initiatives while enhancing the visitor experience of the garden through hands-on learning opportunities. Therefore, the Proposed Project would not result in any significant adverse neighborhood character impacts and no further analysis is warranted.

Construction

According to the *CEQR Technical Manual*, construction impacts may occur when a proposed project's construction is of a long-term duration (two years or more) or directly impacts the socioeconomic conditions of an area, community facilities, land use, neighborhood character, or infrastructure. Construction-related traffic impacts may also occur when a project site is located in a Central Business District or along an arterial or major thoroughfare.

Construction of the Proposed Project would occur for approximately 18 months, beginning in 2023 and ending in 2024. Construction would be planned to minimize disruption to the QBG. However, the Proposed Project's construction would result in temporary disruptions to the areas of the QBG closest to the Project Site, including the pathways that connect to the southwestern portions of the garden. Construction activities would be short term and would not be considered significant. Construction staging is anticipated to be located within the garden property near the Project Site, resulting in limited, if any, temporary disruptions to the areas of the community closest to the southwest portion of the garden. Because of the garden's size, other areas of the QBG would continue to serve the surrounding communities despite the inaccessibility of the southwest area of the garden during the Proposed Project's construction period. In addition, the Project Site is not within a Central Business District. While the Project Site is located along College Point Boulevard, an arterial thoroughfare, the garden's access points are not along this roadway. Further, the Proposed Project would not generate any new traffic and an assessment of construction-related traffic is not warranted.

Construction of the Proposed Project is expected to begin in 2023 and be completed in 2024. It is anticipated that construction of the open air pavilion and the composting toilets would begin before construction of the kids culture garden. The approximately 3,200-gsf open air pavilion is expected to require site clearing and the installation of piles to support a structural slab for the base of the pavilion, followed by construction of the open air superstructure. Construction of the composting toilets would be concurrent with the open air pavilion. It is anticipated that the open air pavilion and composting toilets would be complete and operational in 2024, within approximately 9 months from the start of construction. Construction of the approximately 0.5-acre kids culture garden is expected to begin in 2023 and be complete and operational in 2024, within approximately 18 months from the start of construction. Site preparation of the kids culture garden would require site clearing. The kids culture garden would include the planting of trees and other vegetation for a woodlands area and garden, and the installation of water play areas.

Construction of the Proposed Project would be undertaken in accordance with New York City laws and regulations, which allow construction activities between 7:00 a.m. and 6:00 p.m. on weekdays. If work is required outside of normal construction hours, necessary approvals would be obtained from the appropriate agencies (i.e., the New York City Department of Buildings ["NYCDOB"] and NYCDEP. During construction of the Proposed Project, all necessary measures would be implemented to ensure adherence to the New York City Air Pollution Control Code regulating construction-related dust emissions and the New York City Noise Control Code regulating construction noise. While it is not anticipated, should any curb-lane and/or sidewalk closures be needed during construction, Maintenance and Protection of Traffic ("MPT") plans would be developed. Approval of these plans and implementation of all temporary closures during construction would be coordinated with the New York City Department of Transportation ("NYCDOT")'s Office of Construction Mitigation and Coordination ("OCMC"). All other QBG facilities that are not part of the Project Site would remain accessible during construction of the Proposed Project.

Through implementation of the measures described above, the temporary adverse effects associated with the proposed construction activities would be minimized. Accordingly, the Proposed Project would not result in significant adverse impacts during construction, and no further analysis is required.

DORMITORY AUTHORITY OF THE STATE OF NEW YORK

APPENDIX A: NYC-WRP
APPENDIX TO THE
FULL ENVIRONMENTAL ASSESSMENT FORM

for the

QBG – Open Air Pavilion and Kids Culture Garden Project

FOR INTERNAL USE ONLY	WRP No. _____
Date Received: _____	DOS No. _____

NEW YORK CITY WATERFRONT REVITALIZATION PROGRAM
Consistency Assessment Form

Proposed actions that are subject to CEQR, ULURP or other local, state or federal discretionary review procedures, and that are within New York City's Coastal Zone, must be reviewed and assessed for their consistency with the *New York City Waterfront Revitalization Program (WRP)* which has been approved as part of the State's Coastal Management Program.

This form is intended to assist an applicant in certifying that the proposed activity is consistent with the WRP. It should be completed when the local, state, or federal application is prepared. The completed form and accompanying information will be used by the New York State Department of State, the New York City Department of City Planning, or other city or state agencies in their review of the applicant's certification of consistency.

A. APPLICANT INFORMATION

Name of Applicant: The Queens Botanical Garden Society, Inc.

Name of Applicant Representative: Susan Lacerte

Address: 43-50 Main Street, Flushing, New York, 11355

Telephone: 718-886-3800 x205 Email: slacerte@queensbotanical.org

Project site owner (if different than above): Same as Applicant

B. PROPOSED ACTIVITY

If more space is needed, include as an attachment.

1. Brief description of activity

The Dormitory Authority of the State of New York ("DASNY") has received a funding request from the Queens Botanical Garden Society, Inc. ("Queens Botanical Garden" or "QBG") for its "Open Air Pavilion and Kids Culture Garden" as part of the Community Capital Assistance Program ("CCAP") and/or the State and Municipal Facilities Program ("SAM") (DASNY project #8140). The Proposed Action would involve DASNY's authorization of the expenditure of CCAP and/or SAM program bond proceeds for the Proposed Project as described below.

QBG proposes to construct a new, approximately 3,200-square foot ("sf") open air pavilion structure and composting toilets and an approximately 0.5-acre kids culture garden (the "Proposed Project") within the southwest and south-central area of the QBG (the "Project Site"). The Proposed Project is part of a multi-phase Education Center at the QBG that will also include an approximately 13,000-gross-square-foot ("gsf") Education Building (currently undergoing a separate environmental assessment). The open air pavilion would be located in the southwest portion of the QBG and would provide covered space for educational programming; it is expected to be completed in 2024. The kids culture garden, which is also expected to be completed in 2024, would be located within the south-central portion of the QBG and would include woodlands, a garden, and water play areas. The Proposed Project is not expected to result in any significant increase in staff or visitor populations.

2. Purpose of activity

The QBG is an open air resource located in a densely-populated part of New York City, and has been located at its present site since 1961. The mission of the QBG is to provide "an urban oasis where people, plants, and cultures are celebrated through inspiring gardens, innovative educational programs, and real-world applications of environmental stewardship." The Proposed Project's open air pavilion, composting toilets, and kids culture garden would support the overall mission of the QBG and would be an integral part of the QBG's Education Center that is envisioned for the southwest part of the garden. The Proposed Project would replace unprogrammed open areas and would complement an Education Building that will be developed independent of the Proposed Project, as part of the overall Education Center. The Proposed Project would provide new amenity space in support of the QBG's goals to enhance the visitor's experience of the garden while providing new and expanded opportunities for visitors to explore the garden. The Proposed Project would also support the QBG's goals to better serve children and families by providing hands-on and interactive learning experiences.

C. PROJECT LOCATION

Borough: Queens Tax Block/Lot(s): Block 5107, Lot 200

Street Address: 43-50 Main Street, Flushing, New York, 11355

Name of water body (if located on the waterfront): N/A

D. REQUIRED ACTIONS OR APPROVALS

Check all that apply.

City Actions/Approvals/Funding

City Planning Commission ☐ Yes ☑ No

- ☐ City Map Amendment
- ☐ Zoning Map Amendment
- ☐ Zoning Text Amendment
- ☐ Site Selection – Public Facility
- ☐ Housing Plan & Project
- ☐ Special Permit
  (if appropriate, specify type: ☐ Modification ☐ Renewal ☐ other) Expiration Date: _____
- ☐ Zoning Certification
- ☐ Zoning Authorizations
- ☐ Acquisition – Real Property
- ☐ Disposition – Real Property
- ☐ Other, explain: _____
- ☐ Concession
- ☐ UDAAP
- ☐ Revocable Consent
- ☐ Franchise

Board of Standards and Appeals ☐ Yes ☑ No

- ☐ Variance (use)
- ☐ Variance (bulk)
- ☐ Special Permit
  (if appropriate, specify type: ☐ Modification ☐ Renewal ☐ other) Expiration Date: _____

Other City Approvals

- ☐ Legislation
- ☐ Rulemaking
- ☐ Construction of Public Facilities
- ☐ 384 (b) (4) Approval
- ☑ Other, explain: Approvals from NYC Parks and NYC Public Design Commission
- ☐ Funding for Construction, specify: _____
- ☐ Policy or Plan, specify: _____
- ☐ Funding of Program, specify: _____
- ☐ Permits, specify: _____

State Actions/Approvals/Funding

- ☐ State permit or license, specify Agency: _____ Permit type and number: _____
- ☑ Funding for Construction, specify: DASNY authorization of grant funding through CCAP and/or SAM
- ☐ Funding of a Program, specify: _____
- ☐ Other, explain: _____

Federal Actions/Approvals/Funding

- ☐ Federal permit or license, specify Agency: _____ Permit type and number: _____
- ☐ Funding for Construction, specify: _____
- ☐ Funding of a Program, specify: _____
- ☐ Other, explain: _____

Is this being reviewed in conjunction with a Joint Application for Permits? ☐ Yes ☑ No

E. LOCATION QUESTIONS

1. Does the project require a waterfront site? ☐ Yes ☑ No
2. Would the action result in a physical alteration to a waterfront site, including land along the shoreline, land under water or coastal waters? ☐ Yes ☑ No
3. Is the project located on publicly owned land or receiving public assistance? ☑ Yes ☐ No
4. Is the project located within a FEMA 1% annual chance floodplain? *(6.2)* ☐ Yes ☑ No
5. Is the project located within a FEMA 0.2% annual chance floodplain? *(6.2)* ☐ Yes ☑ No
6. Is the project located adjacent to or within a special area designation? *See Maps – Part III of the NYC WRP. If so, check appropriate boxes below and evaluate policies noted in parentheses as part of WRP Policy Assessment (Section F).* ☐ Yes ☑ No

   ☐ Significant Maritime and Industrial Area (SMIA) (*2.1*)

   ☐ Special Natural Waterfront Area (SNWA) (*4.1*)

   ☐ Priority Maritime Activity Zone (PMAZ) (*3.5*)

   ☐ Recognized Ecological Complex (REC) (*4.4*)

   ☐ West Shore Ecologically Sensitive Maritime and Industrial Area (ESMIA) (*2.2, 4.2*)

F. WRP POLICY ASSESSMENT

Review the project or action for consistency with the WRP policies. For each policy, check Promote, Hinder *or* Not Applicable (N/A). *For more information about consistency review process and determination, see* ***Part I*** *of the NYC Waterfront Revitalization Program. When assessing each policy, review the full policy language, including all sub-policies, contained within* ***Part II*** *of the WRP. The relevance of each applicable policy may vary depending upon the project type and where it is located (i.e. if it is located within one of the special area designations).*

For those policies checked Promote *or* Hinder, *provide a written statement on a separate page that assesses the effects of the proposed activity on the relevant policies or standards. If the project or action promotes a policy, explain how the action would be consistent with the goals of the policy. If it hinders a policy, consideration should be given toward any practical means of altering or modifying the project to eliminate the hindrance. Policies that would be advanced by the project should be balanced against those that would be hindered by the project. If reasonable modifications to eliminate the hindrance are not possible, consideration should be given as to whether the hindrance is of such a degree as to be substantial, and if so, those adverse effects should be mitigated to the extent practicable.*

		Promote	Hinder	N/A
1	**Support and facilitate commercial and residential redevelopment in areas well-suited to such development.**	☐	☐	☑
1.1	Encourage commercial and residential redevelopment in appropriate Coastal Zone areas.	☐	☐	☐
1.2	Encourage non-industrial development with uses and design features that enliven the waterfront and attract the public.	☐	☐	☐
1.3	Encourage redevelopment in the Coastal Zone where public facilities and infrastructure are adequate or will be developed.	☐	☐	☐
1.4	In areas adjacent to SMIAs, ensure new residential development maximizes compatibility with existing adjacent maritime and industrial uses.	☐	☐	☐
1.5	Integrate consideration of climate change and sea level rise into the planning and design of waterfront residential and commercial development, pursuant to WRP Policy 6.2.	☐	☐	☐

		Promote	Hinder	N/A
2	**Support water-dependent and industrial uses in New York City coastal areas that are well-suited to their continued operation.**	☐	☐	☑
2.1	Promote water-dependent and industrial uses in Significant Maritime and Industrial Areas.	☐	☐	☐
2.2	Encourage a compatible relationship between working waterfront uses, upland development and natural resources within the Ecologically Sensitive Maritime and Industrial Area.	☐	☐	☐
2.3	Encourage working waterfront uses at appropriate sites outside the Significant Maritime and Industrial Areas or Ecologically Sensitive Maritime Industrial Area.	☐	☐	☐
2.4	Provide infrastructure improvements necessary to support working waterfront uses.	☐	☐	☐
2.5	Incorporate consideration of climate change and sea level rise into the planning and design of waterfront industrial development and infrastructure, pursuant to WRP Policy 6.2.	☐	☐	☐
3	**Promote use of New York City's waterways for commercial and recreational boating and water-dependent transportation.**	☐	☐	☑
3.1.	Support and encourage in-water recreational activities in suitable locations.	☐	☐	☐
3.2	Support and encourage recreational, educational and commercial boating in New York City's maritime centers.	☐	☐	☐
3.3	Minimize conflicts between recreational boating and commercial ship operations.	☐	☐	☐
3.4	Minimize impact of commercial and recreational boating activities on the aquatic environment and surrounding land and water uses.	☐	☐	☐
3.5	In Priority Marine Activity Zones, support the ongoing maintenance of maritime infrastructure for water-dependent uses.	☐	☐	☐
4	**Protect and restore the quality and function of ecological systems within the New York City coastal area.**	☐	☐	☑
4.1	Protect and restore the ecological quality and component habitats and resources within the Special Natural Waterfront Areas.	☐	☐	☐
4.2	Protect and restore the ecological quality and component habitats and resources within the Ecologically Sensitive Maritime and Industrial Area.	☐	☐	☐
4.3	Protect designated Significant Coastal Fish and Wildlife Habitats.	☐	☐	☐
4.4	Identify, remediate and restore ecological functions within Recognized Ecological Complexes.	☐	☐	☐
4.5	Protect and restore tidal and freshwater wetlands.	☐	☐	☐
4.6	In addition to wetlands, seek opportunities to create a mosaic of habitats with high ecological value and function that provide environmental and societal benefits. Restoration should strive to incorporate multiple habitat characteristics to achieve the greatest ecological benefit at a single location.	☐	☐	☐
4.7	Protect vulnerable plant, fish and wildlife species, and rare ecological communities. Design and develop land and water uses to maximize their integration or compatibility with the identified ecological community.	☐	☐	☐
4.8	Maintain and protect living aquatic resources.	☐	☐	☐

		Promote	Hinder	N/A
5	**Protect and improve water quality in the New York City coastal area.**	☐	☐	☑
5.1	Manage direct or indirect discharges to waterbodies.	☐	☐	☐
5.2	Protect the quality of New York City's waters by managing activities that generate nonpoint source pollution.	☐	☐	☐
5.3	Protect water quality when excavating or placing fill in navigable waters and in or near marshes, estuaries, tidal marshes, and wetlands.	☐	☐	☐
5.4	Protect the quality and quantity of groundwater, streams, and the sources of water for wetlands.	☐	☐	☐
5.5	Protect and improve water quality through cost-effective grey-infrastructure and in-water ecological strategies.	☐	☐	☐
6	**Minimize loss of life, structures, infrastructure, and natural resources caused by flooding and erosion, and increase resilience to future conditions created by climate change.**	☐	☐	☑
6.1	Minimize losses from flooding and erosion by employing non-structural and structural management measures appropriate to the site, the use of the property to be protected, and the surrounding area.	☐	☐	☐
6.2	Integrate consideration of the latest New York City projections of climate change and sea level rise (as published in *New York City Panel on Climate Change 2015 Report, Chapter 2: Sea Level Rise and Coastal Storms*) into the planning and design of projects in the city's Coastal Zone.	☐	☐	☐
6.3	Direct public funding for flood prevention or erosion control measures to those locations where the investment will yield significant public benefit.	☐	☐	☐
6.4	Protect and preserve non-renewable sources of sand for beach nourishment.	☐	☐	☐
7	**Minimize environmental degradation and negative impacts on public health from solid waste, toxic pollutants, hazardous materials, and industrial materials that may pose risks to the environment and public health and safety.**	☑	☐	☐
7.1	Manage solid waste material, hazardous wastes, toxic pollutants, substances hazardous to the environment, and the unenclosed storage of industrial materials to protect public health, control pollution and prevent degradation of coastal ecosystems.	☑	☐	☐
7.2	Prevent and remediate discharge of petroleum products.	☑	☐	☐
7.3	Transport solid waste and hazardous materials and site solid and hazardous waste facilities in a manner that minimizes potential degradation of coastal resources.	☑	☐	☐
8	**Provide public access to, from, and along New York City's coastal waters.**	☐	☐	☑
8.1	Preserve, protect, maintain, and enhance physical, visual and recreational access to the waterfront.	☐	☐	☐
8.2	Incorporate public access into new public and private development where compatible with proposed land use and coastal location.	☐	☐	☐
8.3	Provide visual access to the waterfront where physically practical.	☐	☐	☐
8.4	Preserve and develop waterfront open space and recreation on publicly owned land at suitable locations.	☐	☐	☐

		Promote	Hinder	N/A
8.5	Preserve the public interest in and use of lands and waters held in public trust by the State and City.	☐	☐	☐
8.6	Design waterfront public spaces to encourage the waterfront's identity and encourage stewardship.	☐	☐	☐
9	**Protect scenic resources that contribute to the visual quality of the New York City coastal area.**	☐	☐	☑
9.1	Protect and improve visual quality associated with New York City's urban context and the historic and working waterfront.	☐	☐	☐
9.2	Protect and enhance scenic values associated with natural resources.	☐	☐	☐
10	**Protect, preserve, and enhance resources significant to the historical, archaeological, architectural, and cultural legacy of the New York City coastal area.**	☐	☐	☑
10.1	Retain and preserve historic resources, and enhance resources significant to the coastal culture of New York City.	☐	☐	☐
10.2	Protect and preserve archaeological resources and artifacts.	☐	☐	☐

G. CERTIFICATION

The applicant or agent must certify that the proposed activity is consistent with New York City's approved Local Waterfront Revitalization Program, pursuant to New York State's Coastal Management Program. If this certification cannot be made, the proposed activity shall not be undertaken. If this certification can be made, complete this Section.

"The proposed activity complies with New York State's approved Coastal Management Program as expressed in New York City's approved Local Waterfront Revitalization Program, pursuant to New York State's Coastal Management Program, and will be conducted in a manner consistent with such program."

Applicant/Agent's Name: Queens Botanical Garden Society, Inc./Susan Lacerte

Address: 43-50 Main Street, Flushing, NY 11355

Telephone: 718-886-3800 x205 Email: slacerte@queensbotanical.org

Applicant/Agent's Signature: _____

Date: _____

Submission Requirements

For all actions requiring City Planning Commission approval, materials should be submitted to the Department of City Planning.

For local actions not requiring City Planning Commission review, the applicant or agent shall submit materials to the Lead Agency responsible for environmental review. A copy should also be sent to the Department of City Planning.

For State actions or funding, the Lead Agency responsible for environmental review should transmit its WRP consistency assessment to the Department of City Planning.

For Federal direct actions, funding, or permits applications, including Joint Applicants for Permits, the applicant or agent shall also submit a copy of this completed form along with his/her application to the NYS Department of State Office of Planning and Development and other relevant state and federal agencies. A copy of the application should be provided to the NYC Department of City Planning.

The Department of City Planning is also available for consultation and advisement regarding WRP consistency procedural matters.

New York City Department of City Planning
Waterfront and Open Space Division
120 Broadway, 31st Floor
New York, New York 10271
212-720-3696
wrp@planning.nyc.gov
www.nyc.gov/wrp

New York State Department of State
Office of Planning and Development
Suite 1010
One Commerce Place, 99 Washington Avenue
Albany, New York 12231-0001
518-474-6000
www.dos.ny.gov/opd/programs/consistency

Applicant Checklist

- ☑ Copy of original signed NYC Consistency Assessment Form
- ☑ Attachment with consistency assessment statements for all relevant policies
- ☐ For Joint Applications for Permits, one (1) copy of the complete application package
- ☑ Environmental Review documents
- ☐ Drawings (plans, sections, elevations), surveys, photographs, maps, or other information or materials which would support the certification of consistency and are not included in other documents submitted. All drawings should be clearly labeled and at a scale that is legible.
- ☐ Policy 6.2 Flood Elevation worksheet, if applicable. For guidance on applicability, refer to the WRP Policy 6.2 Guidance document available at www.nyc.gov/wrp

APPENDIX A, ATTACHMENT A:
NYC WATERFRONT REVITALIZATION PROGRAM

A. NEW YORK CITY WATERFRONT REVITALIZATION PROGRAM CONSISTENCY

The project site is located within the City's designated Coastal Zone. Therefore, in accordance with the guidelines of the *CEQR Technical Manual*, an evaluation of the proposed project's consistency with the New York City Waterfront Revitalization Program ("WRP") policies is provided below.

CONSISTENCY OF PROPOSED PROJECT WITH THE WATERFRONT REVITALIZATION PROGRAM POLICIES

New York City's WRP includes 10 principal policies designed to maximize the benefits derived from economic development, environmental preservation, and public use of the waterfront, while minimizing the conflicts among those objectives. Assessments of the proposed project's conformity with the City's WRP policies are provided below for all policy questions answered "Promote" or "Hinder" on the Consistency Assessment Form.

Policy 7: Minimize environmental degradation and negative impacts on public health from solid waste, toxic pollutants, hazardous materials, and industrial materials that may pose risks to the environment and public health and safety.

Project excavation activities could increase pathways for worker (and, to a lesser extent, community and environmental) exposure to any contaminated soils or other contaminated materials that are present, however impacts would be avoided by incorporating certain measures including proper soil testing and management with the implementation of a Remedial Action Plan ("RAP") and Health and Safety Plan ("HASP").

Policy 7.1: Manage solid waste material, hazardous wastes, toxic pollutants, substances hazardous to the environment, and the unenclosed storage of industrial materials to protect public health, control pollution and prevent degradation of coastal ecosystems.

Although not anticipated, if contaminated soil and/or fill materials are encountered during project excavation, it would be properly characterized and removed for off-site disposal in accordance with applicable requirements.

Policy 7.2: Prevent and remediate discharge of petroleum products.

Removal of any unforeseen encountered petroleum tanks (and/or any contaminated soil) would be performed in accordance with applicable regulatory requirements including New York State Department of Environmental Conservation ("NYSDEC")'s requirements relating to spill reporting and tank registration.

Policy 7.3: Transport solid waste and hazardous materials and site solid and hazardous waste facilities in a manner that minimizes potential degradation of coastal resources.

Excess soil (if any) would likely be transported off site for disposal by a licensed trucking company. ✷

DORMITORY AUTHORITY OF THE STATE OF NEW YORK

APPENDIX B: AGENCY CORRESPONDENCE
APPENDIX TO THE
FULL ENVIRONMENTAL ASSESSMENT FORM

for the

QBG – Open Air Pavilion and Kids Culture Garden Project

NEW YORK STATE OF OPPORTUNITY. Parks, Recreation and Historic Preservation

ANDREW M. CUOMO
Governor

ERIK KULLESEID
Commissioner

ARCHAEOLOGY COMMENTS

Phase IA Archaeological Survey Recommendation
Project: Queens Botanical Garden - Open Air Pavilion and Kids Culture Garden
PR#: 21PR00293
Date: 20 January 2021

Your project is in an archaeologically sensitive area. A previously recorded archaeological site, NYSM 4524, which reportedly contains human remains possibly dating to the Revolutionary War, is located in this vicinity.

Therefore, the State Historic Preservation Office/Office of Parks, Recreation and Historic Preservation (SHPO/OPRHP) recommends that a Phase IA Literature Search and Sensitivity Assessment survey is warranted. A Phase IA archaeological survey is designed to identify previously recorded archaeological sites and other cultural resources within or near the project area, to assess the archaeological sensitivity of the project area, to document previous ground disturbance and to make recommendations regarding the potential need for Phase IB subsurface archaeological testing.

Our office does not conduct archaeological surveys. A 36 CFR 61 qualified archaeologist should be retained to conduct the Phase IA archaeological survey.

If you have any questions concerning archaeology, please contact Philip Perazio at philip.perazio@parks.ny.gov.

Landmarks Preservation Commission

1 Centre Street
9th Floor North
New York, NY 10007

Voice (212)-669-7700
Fax (212)-669-7960
http://nyc.gov/landmarks

ENVIRONMENTAL REVIEW

Final Sign-Off (Single Site)

Project number: ER.Q (DPR-Q)
Project: QUEENS BOTANICAL CHILDRENS GARDEN
Address: 43-50 MAIN STREET BBL: 4051070200
Date Received: 1/27/2021

[X**] No architectural significance**

[ ] No archaeological significance

[ ] Designated New York City Landmark or Within Designated Historic District

[ ] Listed on National Register of Historic Places

[ ] Appears to be eligible for National Register Listing and/or New York City Landmark Designation

[X**] May be archaeologically significant; requesting additional materials**

Comments: LPC review of archaeological sensitivity models and historic maps indicates that there is potential for the recovery of remains from Colonial and Native American occupation and burials on the project site. Accordingly, the Commission recommends that an archaeological documentary study be performed for this site to clarify these initial findings and provide the threshold for the next level of review, if such review is necessary (see CEQR Technical Manual 2020).

Gina Santucci 2/2/2021

SIGNATURE DATE
Gina Santucci, Environmental Review Coordinator

File Name: 35415_FSO_DNP_02022021.docx

Landmarks Preservation Commission

1 Centre Street
9th Floor North
New York, NY 10007

Voice (212)-669-7700
Fax (212)-669-7960
http://nyc.gov/landmarks

ARCHAEOLOGY

Project number: ER.Q (DPR-Q)
Project: QUEENS BOTANICAL CHILDRENS GARDEN
Address: 43-50 MAIN STREET **BBL:** 4051070200
Date Received: 2/10/2021

This document only contains Archaeological review findings. If your request also requires Architecture review, the findings from that review will come in a separate document.

Comments: The LPC is in receipt of the draft "Open Air Pavilion and Kids Culture Garden at the Queens Botanical Garden, 43-50 Main Street (Block 5107, Lot 200), Kissena Park, Flushing, Queens . . . Phase 1A Archaeological Documentary Study" dated February 2021. We concur with the low sensitivity assessment for the site and acknowledge your conclusion that the Linnaean Garden Archaeological site (NYSM 4524) containing human remains was mapped in the incorrect location in NYSOPRHP's CRIS and lies 4,000 feet to the north of the current project area. To be safe, however, we ask that an Unanticipated Discovery Plan (UDP) for human remains as detailed in the 2018 Guidelines for Archaeological Work in New York City (Section C9, pg. 67) be prepared and submitted for the next phase of the project. We also ask that you revise the legibility of Figure 1 so the highest-level identifiers, such as the highways and major street names, are readable.

Please submit a final draft of the Phase 1A with the above-noted changes made.

In closing, we recommend that you contact the NYS Museum regarding the discrepancy you identified in the location of Linnaean Garden Archaeological Site (NYSM 4524).

2/22/2021

SIGNATURE DATE
Amanda Sutphin, Director of Archaeology

File Name: 35415_FSO_JSM_02182021.docx

NEW YORK STATE OF OPPORTUNITY. | Parks, Recreation, and Historic Preservation

ANDREW M. CUOMO
Governor

ERIK KULLESEID
Commissioner

February 22, 2021

Matthew Stanley
Senior Environmental Manager | Office of Environmental Affairs
DASNY
515 Broadway
Albany, NY 12207-2964

Re: DASNY
Queens Botanical Garden - Open Air Pavilion and Kids Culture Garden
43-50 Main St, Flushing, NY 11355
21PR00293
DASNY project #8140

Dear Matthew Stanley:

Thank you for requesting the comments of the Division for Historic Preservation of the Office of Parks, Recreation and Historic Preservation (OPRHP). We have reviewed the submitted materials in accordance with the New York State Historic Preservation Act of 1980 (section 14.09 of the New York Parks, Recreation and Historic Preservation Law). These comments are those of the Division for Historic Preservation and relate only to Historic/Cultural resources.

OPRHP has reviewed *Open Air Pavilion and Kids Culture Garden at the Queens Botanical Garden, 43-50 Main Street (Block 5107, Lot 200), Kissena Park, Flushing, Queens County, New York, Phase 1A Archaeological Documentary Study* (AKRF, February 2021).

Based upon this review, it is the opinion of OPRHP that no properties, including archaeological and/or historic resources, listed in or eligible for the New York State and National Registers of Historic Places will be impacted by this project.

Please note that this report has identified duplicate locations for a New York State Museum site – NYSM 4524, the Linnean Garden, with reported human remains. Based on its research, AKRF concludes that the site marked with this NYSM number located close to the current project area is likely to be incorrectly placed and that the second location, farther to the north, is more consistent with the available information. We concur with this interpretation. As a result, OPRHP has created a new Unique Site Number - 08101.013320 – which coincides with the second NYSM site location in order to memorialize this conclusion.

However, given the remote possibility that human remains associated with the Linnean Garden site are, in fact, in the current project area, we recommend that the OPRHP/SHPO Human Remains Discovery Protocol (attached) be implemented should any indication of burials be uncovered during project construction.

If you have any questions, please don't hesitate to contact me.

Sincerely,

Philip A. Perazio, Historic Preservation Program Analyst - Archaeology Unit
Phone: 518-268-2175
e-mail: philip.perazio@parks.ny.gov via email only

Attachment

cc: Amy Crader and Elizabeth Meade, AKRF
Jessica MacLean, Gina Santucci, and Amanda Sutphin, LPC

NYC Landmarks Preservation Commission

1 Centre Street
9th Floor North
New York, NY 10007

Voice (212)-669-7700
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http://nyc.gov/landmarks

ARCHAEOLOGY

Project number: ER.Q (DPR-Q)
Project: QUEENS BOTANICAL CHILDRENS GARDEN
Address: 43-50 MAIN STREET **BBL:** 4051070200
Date Received: 3/26/2021

This document only contains Archaeological review findings. If your request also requires Architecture review, the findings from that review will come in a separate document.

[ ] No archaeological significance

[ ] Designated New York City Landmark or Within Designated Historic District

[ ] Listed on National Register of Historic Places

[ ] Appears to be eligible for National Register Listing and/or New York City Landmark Designation

[X**] May be archaeologically significant; requesting additional materials**

Comments:

This is to confirm that the, "Open Air Pavilion and Kids Culture Garden at the Queens Botanical Garden, 43-50 Main Street (Block 5107, Lot 200), Kissena Park, Flushing, Queens . . . Phase 1A Archaeological Documentary Study," prepared by AKRF, Inc was updated to make the changes the LPC requested on 2/21/21.

3/26/2021

SIGNATURE DATE
Amanda Sutphin, Director of Archaeology

File Name: 35415_FSO_ALS_03262021.docx

Full Environmental Assessment Form
Part 2 - Identification of Potential Project Impacts

Part 2 is to be completed by the lead agency. Part 2 is designed to help the lead agency inventory all potential resources that could be affected by a proposed project or action. We recognize that the lead agency's reviewer(s) will not necessarily be environmental professionals. So, the questions are designed to walk a reviewer through the assessment process by providing a series of questions that can be answered using the information found in Part 1. To further assist the lead agency in completing Part 2, the form identifies the most relevant questions in Part 1 that will provide the information needed to answer the Part 2 question. When Part 2 is completed, the lead agency will have identified the relevant environmental areas that may be impacted by the proposed activity.

If the lead agency is a state agency **and** the action is in any Coastal Area, complete the Coastal Assessment Form before proceeding with this assessment.

Tips for completing Part 2:

- Review all of the information provided in Part 1.
- Review any application, maps, supporting materials and the Full EAF Workbook.
- Answer each of the 18 questions in Part 2.
- If you answer "**Yes"** to a numbered question, please complete all the questions that follow in that section.
- If you answer "**No"** to a numbered question, move on to the next numbered question.
- Check appropriate column to indicate the anticipated size of the impact.
- Proposed projects that would exceed a numeric threshold contained in a question should result in the reviewing agency checking the box "Moderate to large impact may occur."
- The reviewer is not expected to be an expert in environmental analysis.
- If you are not sure or undecided about the size of an impact, it may help to review the sub-questions for the general question and consult the workbook.
- When answering a question consider all components of the proposed activity, that is, the "whole action".
- Consider the possibility for long-term and cumulative impacts as well as direct impacts.
- Answer the question in a reasonable manner considering the scale and context of the project.

1. Impact on Land
Proposed action may involve construction on, or physical alteration of, the land surface of the proposed site. (See Part 1. D.1)
If "Yes", answer questions a - j. If "No", move on to Section 2.

☐ NO ☑ YES

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may involve construction on land where depth to water table is less than 3 feet.	E2d	☑	☐
b. The proposed action may involve construction on slopes of 15% or greater.	E2f	☑	☐
c. The proposed action may involve construction on land where bedrock is exposed, or generally within 5 feet of existing ground surface.	E2a	☑	☐
d. The proposed action may involve the excavation and removal of more than 1,000 tons of natural material.	D2a	☑	☐
e. The proposed action may involve construction that continues for more than one year or in multiple phases.	D1e	☑	☐
f. The proposed action may result in increased erosion, whether from physical disturbance or vegetation removal (including from treatment by herbicides).	D2e, D2q	☑	☐
g. The proposed action is, or may be, located within a Coastal Erosion hazard area.	B1i	☑	☐
h. Other impacts: _____ _____		☐	☐

2. Impact on Geological Features

The proposed action may result in the modification or destruction of, or inhibit access to, any unique or unusual land forms on the site (e.g., cliffs, dunes, minerals, fossils, caves). (See Part 1. E.2.g) ☑ NO ☐ YES

If "Yes", answer questions a - c. If "No", move on to Section 3.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. Identify the specific land form(s) attached: _____ _____	E2g	□	□
b. The proposed action may affect or is adjacent to a geological feature listed as a registered National Natural Landmark. Specific feature: _____	E3c	□	□
c. Other impacts: _____ _____		□	□

3. Impacts on Surface Water

The proposed action may affect one or more wetlands or other surface water bodies (e.g., streams, rivers, ponds or lakes). (See Part 1. D.2, E.2.h) ☑ NO ☐ YES

If "Yes", answer questions a - l. If "No", move on to Section 4.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may create a new water body.	D2b, D1h	□	□
b. The proposed action may result in an increase or decrease of over 10% or more than a 10 acre increase or decrease in the surface area of any body of water.	D2b	□	□
c. The proposed action may involve dredging more than 100 cubic yards of material from a wetland or water body.	D2a	□	□
d. The proposed action may involve construction within or adjoining a freshwater or tidal wetland, or in the bed or banks of any other water body.	E2h	□	□
e. The proposed action may create turbidity in a waterbody, either from upland erosion, runoff or by disturbing bottom sediments.	D2a, D2h	□	□
f. The proposed action may include construction of one or more intake(s) for withdrawal of water from surface water.	D2c	□	□
g. The proposed action may include construction of one or more outfall(s) for discharge of wastewater to surface water(s).	D2d	□	□
h. The proposed action may cause soil erosion, or otherwise create a source of stormwater discharge that may lead to siltation or other degradation of receiving water bodies.	D2e	□	□
i. The proposed action may affect the water quality of any water bodies within or downstream of the site of the proposed action.	E2h	□	□
j. The proposed action may involve the application of pesticides or herbicides in or around any water body.	D2q, E2h	□	□
k. The proposed action may require the construction of new, or expansion of existing, wastewater treatment facilities.	D1a, D2d	□	□

l. Other impacts: _____ _____		□	□

4. Impact on groundwater

The proposed action may result in new or additional use of ground water, or may have the potential to introduce contaminants to ground water or an aquifer. (See Part 1. D.2.a, D.2.c, D.2.d, D.2.p, D.2.q, D.2.t) ☑ NO ☐ YES

If "Yes", answer questions a - h. If "No", move on to Section 5.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may require new water supply wells, or create additional demand on supplies from existing water supply wells.	D2c	□	□
b. Water supply demand from the proposed action may exceed safe and sustainable withdrawal capacity rate of the local supply or aquifer. Cite Source: _____	D2c	□	□
c. The proposed action may allow or result in residential uses in areas without water and sewer services.	D1a, D2c	□	□
d. The proposed action may include or require wastewater discharged to groundwater.	D2d, E2l	□	□
e. The proposed action may result in the construction of water supply wells in locations where groundwater is, or is suspected to be, contaminated.	D2c, E1f, E1g, E1h	□	□
f. The proposed action may require the bulk storage of petroleum or chemical products over ground water or an aquifer.	D2p, E2l	□	□
g. The proposed action may involve the commercial application of pesticides within 100 feet of potable drinking water or irrigation sources.	E2h, D2q, E2l, D2c	□	□
h. Other impacts: _____ _____		□	□

5. Impact on Flooding

The proposed action may result in development on lands subject to flooding. (See Part 1. E.2) ☑ NO ☐ YES

If "Yes", answer questions a - g. If "No", move on to Section 6.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may result in development in a designated floodway.	E2i	□	□
b. The proposed action may result in development within a 100 year floodplain.	E2j	□	□
c. The proposed action may result in development within a 500 year floodplain.	E2k	□	□
d. The proposed action may result in, or require, modification of existing drainage patterns.	D2b, D2e	□	□
e. The proposed action may change flood water flows that contribute to flooding.	D2b, E2i, E2j, E2k	□	□
f. If there is a dam located on the site of the proposed action, is the dam in need of repair, or upgrade?	E1e	□	□

g. Other impacts: _____ _____		☐	☐

6. Impacts on Air

The proposed action may include a state regulated air emission source. ☑ NO ☐ YES
(See Part 1. D.2.f., D.2.h, D.2.g)
If "Yes", answer questions a - f. If "No", move on to Section 7.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. If the proposed action requires federal or state air emission permits, the action may also emit one or more greenhouse gases at or above the following levels:			
i. More than 1000 tons/year of carbon dioxide (CO_2)	D2g	☐	☐
ii. More than 3.5 tons/year of nitrous oxide (N_2O)	D2g	☐	☐
iii. More than 1000 tons/year of carbon equivalent of perfluorocarbons (PFCs)	D2g	☐	☐
iv. More than .045 tons/year of sulfur hexafluoride (SF_6)	D2g	☐	☐
v. More than 1000 tons/year of carbon dioxide equivalent of hydrochloroflourocarbons (HFCs) emissions	D2g	☐	☐
vi. 43 tons/year or more of methane	D2h	☐	☐
b. The proposed action may generate 10 tons/year or more of any one designated hazardous air pollutant, or 25 tons/year or more of any combination of such hazardous air pollutants.	D2g	☐	☐
c. The proposed action may require a state air registration, or may produce an emissions rate of total contaminants that may exceed 5 lbs. per hour, or may include a heat source capable of producing more than 10 million BTU's per hour.	D2f, D2g	☐	☐
d. The proposed action may reach 50% of any of the thresholds in "a" through "c", above.	D2g	☐	☐
e. The proposed action may result in the combustion or thermal treatment of more than 1 ton of refuse per hour.	D2s	☐	☐
f. Other impacts: _____ _____		☐	☐

7. Impact on Plants and Animals

The proposed action may result in a loss of flora or fauna. (See Part 1. E.2. m.-q.) ☐ NO ☑ YES
If "Yes", answer questions a - j. If "No", move on to Section 8.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may cause reduction in population or loss of individuals of any threatened or endangered species, as listed by New York State or the Federal government, that use the site, or are found on, over, or near the site.	E2o	☑	☐
b. The proposed action may result in a reduction or degradation of any habitat used by any rare, threatened or endangered species, as listed by New York State or the federal government.	E2o	☑	☐
c. The proposed action may cause reduction in population, or loss of individuals, of any species of special concern or conservation need, as listed by New York State or the Federal government, that use the site, or are found on, over, or near the site.	E2p	☑	☐
d. The proposed action may result in a reduction or degradation of any habitat used by any species of special concern and conservation need, as listed by New York State or the Federal government.	E2p	☑	☐

e. The proposed action may diminish the capacity of a registered National Natural Landmark to support the biological community it was established to protect.	E3c	☑	☐
f. The proposed action may result in the removal of, or ground disturbance in, any portion of a designated significant natural community. Source: _____	E2n	☑	☐
g. The proposed action may substantially interfere with nesting/breeding, foraging, or over-wintering habitat for the predominant species that occupy or use the project site.	E2m	☑	☐
h. The proposed action requires the conversion of more than 10 acres of forest, grassland or any other regionally or locally important habitat. Habitat type & information source: _____ _____	E1b	☑	☐
i. Proposed action (commercial, industrial or recreational projects, only) involves use of herbicides or pesticides.	D2q	☑	☐
j. Other impacts: The Project would replace grassy, unprogrammed open areas with new garden amenities (see Project Description). _____		☐	☑

8. Impact on Agricultural Resources

The proposed action may impact agricultural resources. (See Part 1. E.3.a. and b.) ☑ NO ☐ YES

If "Yes", answer questions a - h. If "No", move on to Section 9.

	Relevant Part I Question(s)	**No, or small impact may occur**	**Moderate to large impact may occur**
a. The proposed action may impact soil classified within soil group 1 through 4 of the NYS Land Classification System.	E2c, E3b	☐	☐
b. The proposed action may sever, cross or otherwise limit access to agricultural land (includes cropland, hayfields, pasture, vineyard, orchard, etc).	E1a, Elb	☐	☐
c. The proposed action may result in the excavation or compaction of the soil profile of active agricultural land.	E3b	☐	☐
d. The proposed action may irreversibly convert agricultural land to non-agricultural uses, either more than 2.5 acres if located in an Agricultural District, or more than 10 acres if not within an Agricultural District.	E1b, E3a	☐	☐
e. The proposed action may disrupt or prevent installation of an agricultural land management system.	El a, E1b	☐	☐
f. The proposed action may result, directly or indirectly, in increased development potential or pressure on farmland.	C2c, C3, D2c, D2d	☐	☐
g. The proposed project is not consistent with the adopted municipal Farmland Protection Plan.	C2c	☐	☐
h. Other impacts: _____		☐	☐

9. Impact on Aesthetic Resources

The land use of the proposed action are obviously different from, or are in sharp contrast to, current land use patterns between the proposed project and a scenic or aesthetic resource. (Part 1. E.1.a, E.1.b, E.3.h.)

☑ NO ☐ YES

If "Yes", answer questions a - g. If "No", go to Section 10.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. Proposed action may be visible from any officially designated federal, state, or local scenic or aesthetic resource.	E3h	☐	☐
b. The proposed action may result in the obstruction, elimination or significant screening of one or more officially designated scenic views.	E3h, C2b	☐	☐
c. The proposed action may be visible from publicly accessible vantage points: i. Seasonally (e.g., screened by summer foliage, but visible during other seasons) ii. Year round	E3h	 ☐ ☐	 ☐ ☐
d. The situation or activity in which viewers are engaged while viewing the proposed action is: i. Routine travel by residents, including travel to and from work ii. Recreational or tourism based activities	E3h E2q, E1c	 ☐ ☐	 ☐ ☐
e. The proposed action may cause a diminishment of the public enjoyment and appreciation of the designated aesthetic resource.	E3h	☐	☐
f. There are similar projects visible within the following distance of the proposed project: 0-1/2 mile ½ -3 mile 3-5 mile 5+ mile	D1a, E1a, D1f, D1g	☐	☐
g. Other impacts: _____ _____		☐	☐

10. Impact on Historic and Archeological Resources

The proposed action may occur in or adjacent to a historic or archaeological resource. (Part 1. E.3.e, f. and g.)

☑ NO ☐ YES

If "Yes", answer questions a - e. If "No", go to Section 11.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may occur wholly or partially within, or substantially contiguous to, any buildings, archaeological site or district which is listed on the National or State Register of Historical Places, or that has been determined by the Commissioner of the NYS Office of Parks, Recreation and Historic Preservation to be eligible for listing on the State Register of Historic Places.	E3e	☐	☐
b. The proposed action may occur wholly or partially within, or substantially contiguous to, an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory.	E3f	☐	☐
c. The proposed action may occur wholly or partially within, or substantially contiguous to, an archaeological site not included on the NY SHPO inventory. Source: _____	E3g	☐	☐

d. Other impacts: _____ _____		□	□
e. If any of the above (a-d) are answered "Moderate to large impact may occur", continue with the following questions to help support conclusions in Part 3:			
i. The proposed action may result in the destruction or alteration of all or part of the site or property.	E3e, E3g, E3f	□	□
ii. The proposed action may result in the alteration of the property's setting or integrity.	E3e, E3f, E3g, E1a, E1b	□	□
iii. The proposed action may result in the introduction of visual elements which are out of character with the site or property, or may alter its setting.	E3e, E3f, E3g, E3h, C2, C3	□	□

11. Impact on Open Space and Recreation

The proposed action may result in a loss of recreational opportunities or a reduction of an open space resource as designated in any adopted municipal open space plan.
(See Part 1. C.2.c, E.1.c., E.2.q.)
If "Yes", answer questions a - e. If "No", go to Section 12.

☑ NO ☐ YES

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may result in an impairment of natural functions, or "ecosystem services", provided by an undeveloped area, including but not limited to stormwater storage, nutrient cycling, wildlife habitat.	D2e, E1b E2h, E2m, E2o, E2n, E2p	□	□
b. The proposed action may result in the loss of a current or future recreational resource.	C2a, E1c, C2c, E2q	□	□
c. The proposed action may eliminate open space or recreational resource in an area with few such resources.	C2a, C2c E1c, E2q	□	□
d. The proposed action may result in loss of an area now used informally by the community as an open space resource.	C2c, E1c	□	□
e. Other impacts: _____ _____		□	□

12. Impact on Critical Environmental Areas

The proposed action may be located within or adjacent to a critical environmental area (CEA). (See Part 1. E.3.d)
If "Yes", answer questions a - c. If "No", go to Section 13.

☑ NO ☐ YES

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may result in a reduction in the quantity of the resource or characteristic which was the basis for designation of the CEA.	E3d	□	□
b. The proposed action may result in a reduction in the quality of the resource or characteristic which was the basis for designation of the CEA.	E3d	□	□
c. Other impacts: _____ _____		□	□

13. Impact on Transportation

The proposed action may result in a change to existing transportation systems. ☑ NO ☐ YES
(See Part 1. D.2.j)
If "Yes", answer questions a - f. If "No", go to Section 14.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. Projected traffic increase may exceed capacity of existing road network.	D2j	☐	☐
b. The proposed action may result in the construction of paved parking area for 500 or more vehicles.	D2j	☐	☐
c. The proposed action will degrade existing transit access.	D2j	☐	☐
d. The proposed action will degrade existing pedestrian or bicycle accommodations.	D2j	☐	☐
e. The proposed action may alter the present pattern of movement of people or goods.	D2j	☐	☐
f. Other impacts: _____ _____		☐	☐

14. Impact on Energy

The proposed action may cause an increase in the use of any form of energy. ☑ NO ☐ YES
(See Part 1. D.2.k)
If "Yes", answer questions a - e. If "No", go to Section 15.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action will require a new, or an upgrade to an existing, substation.	D2k	☐	☐
b. The proposed action will require the creation or extension of an energy transmission or supply system to serve more than 50 single or two-family residences or to serve a commercial or industrial use.	D1f, D1q, D2k	☐	☐
c. The proposed action may utilize more than 2,500 MWhrs per year of electricity.	D2k	☐	☐
d. The proposed action may involve heating and/or cooling of more than 100,000 square feet of building area when completed.	D1g	☐	☐
e. Other Impacts: _____ _____			

15. Impact on Noise, Odor, and Light

The proposed action may result in an increase in noise, odors, or outdoor lighting. ☑ NO ☐ YES
(See Part 1. D.2.m., n., and o.)
If "Yes", answer questions a - f. If "No", go to Section 16.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may produce sound above noise levels established by local regulation.	D2m	☐	☐
b. The proposed action may result in blasting within 1,500 feet of any residence, hospital, school, licensed day care center, or nursing home.	D2m, E1d	☐	☐
c. The proposed action may result in routine odors for more than one hour per day.	D2o	☐	☐

d. The proposed action may result in light shining onto adjoining properties.	D2n	☐	☐
e. The proposed action may result in lighting creating sky-glow brighter than existing area conditions.	D2n, E1a	☐	☐
f. Other impacts: _____ _____		☐	☐

16. Impact on Human Health

The proposed action may have an impact on human health from exposure to new or existing sources of contaminants. (See Part 1.D.2.q., E.1. d. f. g. and h.) ☑ NO ☐ YES

If "Yes", answer questions a - m. If "No", go to Section 17.

	Relevant Part I Question(s)	No,or small impact may cccur	Moderate to large impact may occur
a. The proposed action is located within 1500 feet of a school, hospital, licensed day care center, group home, nursing home or retirement community.	E1d	☐	☐
b. The site of the proposed action is currently undergoing remediation.	E1g, E1h	☐	☐
c. There is a completed emergency spill remediation, or a completed environmental site remediation on, or adjacent to, the site of the proposed action.	E1g, E1h	☐	☐
d. The site of the action is subject to an institutional control limiting the use of the property (e.g., easement or deed restriction).	E1g, E1h	☐	☐
e. The proposed action may affect institutional control measures that were put in place to ensure that the site remains protective of the environment and human health.	E1g, E1h	☐	☐
f. The proposed action has adequate control measures in place to ensure that future generation, treatment and/or disposal of hazardous wastes will be protective of the environment and human health.	D2t	☐	☐
g. The proposed action involves construction or modification of a solid waste management facility.	D2q, E1f	☐	☐
h. The proposed action may result in the unearthing of solid or hazardous waste.	D2q, E1f	☐	☐
i. The proposed action may result in an increase in the rate of disposal, or processing, of solid waste.	D2r, D2s	☐	☐
j. The proposed action may result in excavation or other disturbance within 2000 feet of a site used for the disposal of solid or hazardous waste.	E1f, E1g E1h	☐	☐
k. The proposed action may result in the migration of explosive gases from a landfill site to adjacent off site structures.	E1f, E1g	☐	☐
l. The proposed action may result in the release of contaminated leachate from the project site.	D2s, E1f, D2r	☐	☐
m. Other impacts: _____ _____			

17. Consistency with Community Plans

The proposed action is not consistent with adopted land use plans. ☑ NO ☐ YES

(See Part 1. C.1, C.2. and C.3.)

If "Yes", answer questions a - h. If "No", go to Section 18.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action's land use components may be different from, or in sharp contrast to, current surrounding land use pattern(s).	C2, C3, D1a E1a, E1b	☐	☐
b. The proposed action will cause the permanent population of the city, town or village in which the project is located to grow by more than 5%.	C2	☐	☐
c. The proposed action is inconsistent with local land use plans or zoning regulations.	C2, C2, C3	☐	☐
d. The proposed action is inconsistent with any County plans, or other regional land use plans.	C2, C2	☐	☐
e. The proposed action may cause a change in the density of development that is not supported by existing infrastructure or is distant from existing infrastructure.	C3, D1c, D1d, D1f, D1d, Elb	☐	☐
f. The proposed action is located in an area characterized by low density development that will require new or expanded public infrastructure.	C4, D2c, D2d D2j	☐	☐
g. The proposed action may induce secondary development impacts (e.g., residential or commercial development not included in the proposed action)	C2a	☐	☐
h. Other: _____ _____		☐	☐

18. Consistency with Community Character

The proposed project is inconsistent with the existing community character. ☑ NO ☐ YES

(See Part 1. C.2, C.3, D.2, E.3)

If "Yes", answer questions a - g. If "No", proceed to Part 3.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may replace or eliminate existing facilities, structures, or areas of historic importance to the community.	E3e, E3f, E3g	☐	☐
b. The proposed action may create a demand for additional community services (e.g. schools, police and fire)	C4	☐	☐
c. The proposed action may displace affordable or low-income housing in an area where there is a shortage of such housing.	C2, C3, D1f D1g, E1a	☐	☐
d. The proposed action may interfere with the use or enjoyment of officially recognized or designated public resources.	C2, E3	☐	☐
e. The proposed action is inconsistent with the predominant architectural scale and character.	C2, C3	☐	☐
f. Proposed action is inconsistent with the character of the existing natural landscape.	C2, C3 E1a, E1b E2g, E2h	☐	☐
g. Other impacts: _____ _____		☐	☐

PRINT FULL FORM

Agency Use Only [IfApplicable]

Project : CAP 8140 Queens Botanical Garden

Date :

Full Environmental Assessment Form
Part 3 - Evaluation of the Magnitude and Importance of Project Impacts
and
Determination of Significance

Part 3 provides the reasons in support of the determination of significance. The lead agency must complete Part 3 for every question in Part 2 where the impact has been identified as potentially moderate to large or where there is a need to explain why a particular element of the proposed action will not, or may, result in a significant adverse environmental impact.

Based on the analysis in Part 3, the lead agency must decide whether to require an environmental impact statement to further assess the proposed action or whether available information is sufficient for the lead agency to conclude that the proposed action will not have a significant adverse environmental impact. By completing the certification on the next page, the lead agency can complete its determination of significance.

Reasons Supporting This Determination:

To complete this section:

- Identify the impact based on the Part 2 responses and describe its magnitude. Magnitude considers factors such as severity, size or extent of an impact.
- Assess the importance of the impact. Importance relates to the geographic scope, duration, probability of the impact occurring, number of people affected by the impact and any additional environmental consequences if the impact were to occur.
- The assessment should take into consideration any design element or project changes.
- Repeat this process for each Part 2 question where the impact has been identified as potentially moderate to large or where there is a need to explain why a particular element of the proposed action will not, or may, result in a significant adverse environmental impact.
- Provide the reason(s) why the impact may, or will not, result in a significant adverse environmental impact
- For Conditional Negative Declarations identify the specific condition(s) imposed that will modify the proposed action so that no significant adverse environmental impacts will result.
- Attach additional sheets, as needed.

DASNY has reviewed the Proposed Project using criteria provided in Part 617.7 of SEQRA and has determined that:

(i) there will be no substantial adverse change in existing air quality, ground or surface water quality or quantity, traffic or noise levels; no substantial increase in solid waste production; and no substantial increase in potential for erosion, flooding, leaching or drainage problems;
(ii) there will be no removal or destruction of large quantities of vegetation or fauna; no substantial interference with the movement of any resident or migratory fish or wildlife species; no impacts on a significant habitat area; no substantial adverse impacts on a threatened or endangered species of animal or plant, or the habitat of such a species; or other significant adverse impacts to natural resources;
(iii) there will be no impairment of the environmental characteristics of a Critical Environmental Area as designated pursuant to subdivision 617.14(g) of this Part;
(iv) there will be no creation of a material conflict with a community's current plans or goals as officially approved or adopted;
(v) there will be no impairment of the character or quality of important historical, archeological, architectural, or aesthetic resources or of existing community or neighborhood character;
(vi) there will be no major change in the use of either the quantity or type of energy;
(vii) there will be no creation of a hazard to human health;
(viii) there will be no substantial change in the use, or intensity of use, of land including agricultural, open space or recreational resources, or in its capacity to support existing uses;
(ix) there will be no encouraging or attracting of a large number of people to a place or places for more than a few days, compared to the number of people who would come to such place absent the action;
(x) there will be no creation of a material demand for other actions that would result in one of the above consequences;
(xi) there will be no changes in two or more elements of the environment, no one of which has a significant impact on the environment, but when considered together result in a substantial adverse impact on the environment;
(xii) there will not be two or more related actions undertaken, funded or approved by an agency, none of which has or would have a significant impact on the environment, but when considered cumulatively would meet one or more of the criteria in this subdivision; and
(xiii) there will be no other significant adverse environmental impacts.

Based on the above, and the additional information contained herein, DASNY, as lead agency, analyzed the relevant areas of environmental concern and determined that the Proposed Project would not have a significant adverse impact on the environment and a Draft Environmental Impact Statement will not be prepared.

Determination of Significance - Type 1 and Unlisted Actions

SEQR Status: ☐ Type 1 ☑ Unlisted

Identify portions of EAF completed for this Project: ☑ Part 1 ☑ Part 2 ☑ Part 3

Upon review of the information recorded on this EAF, as noted, plus this additional support information

and considering both the magnitude and importance of each identified potential impact, it is the conclusion of the _____ as lead agency that:

☑ A. This project will result in no significant adverse impacts on the environment, and, therefore, an environmental impact statement need not be prepared. Accordingly, this negative declaration is issued.

☐ B. Although this project could have a significant adverse impact on the environment, that impact will be avoided or substantially mitigated because of the following conditions which will be required by the lead agency:

There will, therefore, be no significant adverse impacts from the project as conditioned, and, therefore, this conditioned negative declaration is issued. A conditioned negative declaration may be used only for UNLISTED actions (see 6 NYCRR 617.7(d)).

☐ C. This Project may result in one or more significant adverse impacts on the environment, and an environmental impact statement must be prepared to further assess the impact(s) and possible mitigation and to explore alternatives to avoid or reduce those impacts. Accordingly, this positive declaration is issued.

Name of Action: Queens Botanical Garden Open Air Pavilion and Kids Culture Garden (DASNY project #8140)

Name of Lead Agency: Dormitory Authority of the State of New York

Name of Responsible Officer in Lead Agency: Robert S. Derico, R.A.

Title of Responsible Officer: Director, Office of Environmental Affairs

Signature of Responsible Officer in Lead Agency: Date: July 14, 2021

Signature of Preparer (if different from Responsible Officer) Date: July 14, 2021

For Further Information:

Contact Person: Robert S. Derico, R.A., Director, Office of Environmental Affairs

Address: DASNY, 515 Broadway, Albany, New York 12207

Telephone Number: 518-257-3214

E-mail: RDerico@DASNY.org

For Type 1 Actions and Conditioned Negative Declarations, a copy of this Notice is sent to:

Chief Executive Officer of the political subdivision in which the action will be principally located (e.g., Town / City / Village of)
Other involved agencies (if any)
Applicant (if any)
Environmental Notice Bulletin: http://www.dec.ny.gov/enb/enb.html

PRINT FULL FORM

SMART GROWTH IMPACT STATEMENT ASSESSMENT FORM

Date: **July 14, 2021** **Project Number:** **8140**
Project Applicant: **Queens Botanical Garden**
Project Name: **Open Air Pavilion and Kids Culture Garden**
Program: **CAP, CCAP, and/or SAM**
Project Location: **43-50 Main Street, Flushing, Queens, Queens County**
Completed by: **Matthew A. Stanley, AICP, Office of Environmental Affairs**

This Smart Growth Impact Statement Assessment Form ("SGISAF") is a tool to assist the applicant and the Dormitory Authority of the State of New York's ("DASNY's") Smart Growth Advisory Committee in deliberations to determine whether a project is consistent with the New York *State Smart Growth Public Infrastructure Policy Act ("SSGPIPA"),* Article 6 of the New York State *Environmental Conservation Law ("ECL")*.[1] Not all questions/answers may be relevant or applicable to all projects.

Description of Proposed Action and Proposed Project:
Proposed Action: Authorization of the expenditure of grant program bond proceeds for the Proposed Project.
Proposed Project: Construction of an approximately 3,200-square-foot open air pavilion structure and composting toilets, and an approximately 0.5-acre kids culture garden

Smart Growth Impact Assessment: Have any other entities issued a Smart Growth Impact Statement ("SGIS") with regard to this project? (If so, attach same). ☐ Yes ☒ No

1. Does the project advance or otherwise involve the use of, maintain, or improve existing infrastructure? Check one and describe: ☒ Yes ☐ No ☐ Not Relevant

2. Is the project located wholly or partially in a **municipal center**,[2] characterized by any of the following: Check all that apply and explain briefly:
   - ☒ A city or a village
   - ☐ Within the boundaries of a generally-recognized college, university, hospital or nursing-home campus
   - ☐ Area of concentrated and mixed land use that serves as a center for various activities including, but not limited to: **see below**
     - ☐ Central business districts (i.e., commercial or geographic heart of a city, downtown or "city center)
     - ☐ Main streets (i.e., primary retail street of a village, town, or small city)
     - ☐ Downtown areas (i.e., city's core, center or central business district)
     - ☐ Brownfield opportunity areas (https://www.dos.ny.gov/opd/programs/brownFieldOpp/index.html)
     - ☐ Downtown areas of Local Waterfront Revitalization Programs ("LWRPs") (https://www.dos.ny.gov/opd/programs/lwrp.html)
     - ☐ Transit-oriented development areas (i.e., areas with access to public transit for residents)
     - ☐ Environmental justice areas (https://www.dec.ny.gov/public/911.html)
     - ☐ Hardship areas

3. Is the project located adjacent to municipal centers (please see characteristics in question 2, above) with clearly-defined borders, in an area designated for concentrated development in the future by a municipal or regional comprehensive plan that exhibits strong land use, transportation, infrastructure and economic connections to an existing municipal center? Check one and describe: ☐ Yes ☐ No ☒ Not Relevant

4. Is the project located in an area designated by a municipal or comprehensive plan, and appropriately zoned, as a future municipal center? Check one and describe: ☐ Yes ☐ No ☒ Not Relevant

[1] https://www.nysenate.gov/legislation/laws/ENV/A6
[2] DASNY interprets the term "municipal centers" to include existing, developed institutional campuses such as universities, colleges and hospitals.

5. Is the project located wholly or partially in a developed area or an area designated for concentrated infill development in accordance with a municipally-approved comprehensive land use plan, a local waterfront revitalization plan, brownfield opportunity area plan or other development plan? Check one and describe: ☐ Yes ☐ No ☒ Not Relevant

6. Does the project preserve and enhance the state's resources, including agricultural lands, forests, surface and groundwater, air quality, recreation and open space, scenic areas, and/or significant historic and archeological resources? Check one and describe: ☒ Yes ☐ No ☐ Not Relevant

7. Does the project foster mixed land uses and compact development, downtown revitalization, brownfield redevelopment, the enhancement of beauty in public spaces, the diversity and affordability of housing in proximity to places of employment, recreation and commercial development and/or the integration of all income and age groups? Check one and describe: ☒ Yes ☐ No ☐ Not Relevant

8. Does the project provide mobility through transportation choices, including improved public transportation and reduced automobile dependency? Check one and describe: ☒ Yes ☐ No ☐ Not Relevant

9. Does the project demonstrate coordination among state, regional, and local planning and governmental officials?[3] Check one and describe: ☒ Yes ☐ No ☐ Not Relevant

10. Does the project involve community-based planning and collaboration?
Check one and describe: ☒ Yes ☐ No ☐ Not Relevant

11. Is the project consistent with local building and land use codes?
Check one and describe: ☒ Yes ☐ No ☐ Not Relevant

12. Does the project promote sustainability by strengthening existing and creating new communities which reduce greenhouse gas emissions and do not compromise the needs of future generations? Check one and describe: ☒ Yes ☐ No ☐ Not Relevant

13. During the development of the project, was there broad-based public involvement?[4]
Check one and describe: ☒ Yes ☐ No ☐ Not Relevant

14. Does the Recipient have an ongoing governance structure to sustain the implementation of community planning? Check one and describe: ☒ Yes ☐ No ☐ Not Relevant

15. Does the project mitigate future physical climate risk due to sea level rise, and/or storm surges and/or flooding, based on available data predicting the likelihood of future extreme weather events, including hazard risk analysis data if applicable? Check one and describe: ☒ Yes ☐ No ☐ Not Relevant

[3] Demonstration may include *State Environmental Quality Review ["SEQR"]* coordination with involved and interested agencies, district formation, agreements between involved parties, letters of support, State Pollutant Discharge Elimination System ["SPDES"] permit issuance/revision notices, etc.
[4] Documentation may include *SEQR* coordination with involved and interested agencies, SPDES permit issuance/revision notice, approval of Bond Resolution, formation of district, evidence of public hearings, *Environmental Notice Bulletin ["ENB"]* or other published notices, letters of support, etc.

DASNY has reviewed the available information regarding this project and finds:

☒ The project was developed in general consistency with the relevant Smart Growth Criteria.
☐ The project was not developed in general consistency with the relevant Smart Growth Criteria.
☐ It was impracticable to develop this project in a manner consistent with the relevant Smart Growth Criteria for the following reasons: _____

ATTESTATION

I, President of DASNY/designee of the President of DASNY, hereby attest that the Proposed Project, to the extent practicable, meets the relevant criteria set forth above and that to the extent that it is not practical to meet any relevant criterion, for the reasons given above.

July 14, 2021
Signature/Date

Robert S. Derico, R.A., Director, Office of Environmental Affairs
Print Name and Title

16 – Geotechnical Report

GEOTECHNICAL ENGINEERING STUDY REPORT

for

Proposed Queens Botanical Garden Pavilion
Flushing, New York

Prepared For:

Queens Botanical Garden
43-50 Main Street
Flushing, NY 11355

Prepared By:

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.
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1 November 2024
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INTRODUCTION

We have completed our geotechnical investigation for the proposed Pavilion located at the Queens Botanical Garden in Flushing, New York. The purposes of this investigation were to: 1) research and review available site information; 2) obtain subsurface information by drilling one boring and performing four permeability tests; and 3) provide recommendations for foundation design and other geotechnical aspects of construction for the proposed pavilion. This report has been prepared in accordance with our proposal dated 23 July 2024 and your subsequent authorization.

No environmental investigations or sampling were performed as part of our work.

All elevations given in this report are referenced to the Borough of Queens Datum (BQD) unless otherwise noted.

PROJECT DESCRIPTION

Existing Conditions

The proposed pavilion is located within the western portion of the Queens Botanical Garden Complex, northeast of the intersection of College Point Boulevard and the Botanical Garden Bridge. The existing conditions within the footprint of the proposed pavilion consist of a grass-covered lawn area with some trees and vegetation. Paved concrete walkways are present throughout the lawn area, and an existing pedestrian bridge is located about 125 feet south of the proposed pavilion.

Based on the Topographical Survey prepared by Vollmer Associates, LLP for the Queens Botanical Garden dated 21 July 2000, the existing site grades within the vicinity of the proposed pavilion generally range from about el. 14 to el. 23, with the highest grades near the pedestrian bridge and gradually sloping downwards away from the bridge.

Proposed Development

Based on the 18 September 2003 Foundation Plan for the QBD Pavilion, we understand that the proposed development at the site will consist of the construction of a pavilion, which will include an about 340 square-foot backstage area and an about 1,060 square-foot mainstage area. Based on the foundation plan, canopy columns and perforated panels (i.e., the "pavilion") will separate the backstage and mainstage areas. Based on the foundation plan, six (6) pile foundations grouped into a pile cap will be used to support the canopy columns and perforated panels, with individual pile loading stated as 70 kips in compression, 4 kips in tension, and 3 kips in lateral.

Based on coordination with the project team, we understand that the proposed backstage and

mainstage areas will consist of a 6-inch-thick cast-in-place concrete floor slab and will have a floor slab distributed dead loading of about 100 pounds per square foot (psf) over the entire slab area.

REVIEW OF AVAILABLE INFORMATION

We reviewed available reports and drawings by others for prior developments in the site vicinity, historical topographic maps, historical aerial photographs, historical Sanborn maps, surficial and regional geologic bedrock information, and available flood data for the site vicinity. Pertinent information obtained from the above documents is summarized in the following paragraphs.

Available Reports by Others

We reviewed the Geotechnical Report prepared by Thornton Tomasetti dated 8 May 2022 for the proposed Education Building at the Queens Botanical Gardens, which is located about 300 feet east of the project site. Based on the referenced geotechnical report, the subsurface conditions generally consist of a layer of manmade fill underlain by loose fine sand and clayey silt, underlain by medium dense to dense sand. Based on the soil descriptions included in the referenced geotechnical report, the thickness of the manmade fill layer at the proposed Education Building site was between about 17 and 24 feet, the thickness of the loose sand and clayey silt stratum was about 10 feet, and the medium dense to dense sand layer had interbedded silt and clay zones and extended to a depth of at least 147 feet below existing grades. The above-referenced geotechnical report recommended that the proposed Education Building be supported by drilled in micropiles with a diameter of 7-5/8-inches and an allowable compression capacity of 60 tons.

Historical Topographic Maps

We reviewed available historical topographic maps dated 1897, 1898, 1900, 1947, 1955/1957, 1966, 1979, 1994/1995, 2013, 2016, and 2019; see Appendix A. Pertinent information from these maps is provided below.

- 1897 Topographic Map – The 1897 topographic map depicts the site area as a marshland that is subjected to inundation and shows a waterway running near the site's western boundary. Modern-day College Point Boulevard is shown west of the site area, and a railroad spur is shown crossing modern-day College Point Boulevard, just north of the site area.
- 1898 Topographic Map – The 1898 topographic map no longer depicts the site area as marshland subjected to inundation, however the waterway is still shown near the site's western boundary.
- 1900 Topographic Map – The 1900 topographic map again depicts the site area as a marshland that is subjected to inundation and shows a waterway running near the site's western boundary.

- 1947 Topographic Map – The 1947 topographic map no longer depicts the site area as marshland subjected to inundation and also no longer shows the previously identified waterway near the site's western boundary.
- 1955/1957, 1966, 1979, 1994/1995, 2013, 2016, and 2019 Topographic Maps – The topographic maps dated 1955/1957 through 2019 depict the site area as vacant land with few notable changes to the site area in successive maps. The pedestrian bridge is first shown south of the site area in the 1966 topographic map and the site is first labeled as "Botanical Gardens" in the 1966 topographic map.

Historical Aerial Photographs

We reviewed historical aerial photographs dated 1924, 1951, 1954, 1961, 1966, 1971, 1975, 1985, 1994, 2002, 2006, 2011, 2015, and 2019; See Appendix B. Pertinent information from these photographs is provided below.

- 1924, 1951, 1954, and 1961 Aerial Photographs – The aerial photographs dated 1924 through 1961 depict the site as vacant land with light vegetation. Modern-day College Point Boulevard is shown west of the site area. The photographs show successive filling operations of waterway areas located west of the site area.
- 1966, 1971, 1975, 1985, 1994, 2002, 2006, 2011, 2015, and 2019 Aerial Photographs – The aerial photographs dated 1966 through 2019 depict the site area as within parkland consisting of grass-covered areas, light vegetation, and concrete walkways. The pedestrian bridge is first shown south of the site area in the 1966 aerial photograph.

Historical Sanborn Maps

We reviewed historical Sanborn Maps dated 1903, 1917, 1934, 1950, 1951, 1980, 1981, 1982, 1985, 1986, 1988, 1989, 1991, 1992, 1993, 1994, 1995, 1999, 2001, 2002, 2003, 2004, 2005, and 2006; See Appendix C. Pertinent information from these photographs is provided below.

- 1903, 1917, 1934, 1950, and 1951 Sanborn Maps – The Sanborn Maps dated 1903 through 1951 depict the site area as vacant land, with Mill Creek shown in all the maps except the 1950 map on either the western (1903 map) or eastern (1917, 1934, 1951) side of the site area. Lawrence Avenue, which is modern-day College Point Boulevard, is shown west of the site area. In the 1934 Sanborn Map, an unopened roadway named Anthony Avenue is first shown transecting the northern area of the site.
- 1980, 1981, 1982, 1985, 1986, 1988, 1989, 1991, 1992, 1993, 1994, 1995, 1999, 2001, 2002, 2003, 2004, 2005, and 2006 Sanborn Maps – The Sanborn Maps dated 1980 through 2006 depict the site area as being within vacant land and no longer show Mill Creek or Anthony Avenue within the site area. The site area is first labeled as "Corridor Park" in the 1980 Sanborn Map and the site area is first labeled as "Queens Botanical Garden" in the 1988 Sanborn Map.

Surficial Geology

We reviewed the United States Department of Agriculture (USDA) Natural Resources Conservation Service soil survey map for Queens County, New York; see Figure 3. A brief description of the soil types within the site vicinity is provided below:

- *Laguardia – Ebbets complex (LEA):* These areas typically consist of cobbly and man-made coarse sandy loam derived from loamy-skeletal human-transported material and are reported to be in Hydrologic Soil Group C.

- *Urban land – Laguardia complex (ULA/ULAI):* These areas typically consist of pavement, concrete, buildings, and other structures over disturbed and natural soil material.

- *Laguardia artifactual coarse sandy loam (LaC):* These areas typically consist of cobbly and man-made coarse sandy loam derived from loamy-skeletal human-transported material and are reported to be in Hydrologic Soil Group C.

We reviewed the Surficial Geology Polygons provided through the NYS Museum clearinghouse; see Figure 4. The surficial geologic map indicates that soils beneath the project site consist of Till. Based on the map descriptions, the Till Deposits have variable textures, are usually poorly sorted, and have a varying thickness.

Bedrock Geology

We reviewed the Bedrock Geology Polygons provided through the NYS Museum clearinghouse; see Figure 5. The bedrock map indicates that the site is within the Coastal Plain deposits of the Monmouth Group, Magothy Formation, and Raritan Formation. In these areas, the depth to bedrock can be as much as 2,000 feet below grades, and the overburden soils generally consist of silty clay, sandy clay, sand, gravel, and clay.

Flood Data Research

The Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM) Number 3604970227F dated 5 September 2007 indicates that the site is outside of the 100-year and 500-year annual chance floodplains; see Figure 6.

The Federal Emergency Management Agency (FEMA) Preliminary Flood Insurance Rate Map (FIRM) Number 3604970227G dated 5 December 2013 indicates that the site is outside of the 100-year and 500-year annual chance floodplains; see Figure 7.

FIELD SUBSURFACE INVESTIGATION

The geotechnical field investigation for this study consisted of performing one (1) drilled boring identified as LB-1 and performing four (4) permeability tests identified as PT-1 through PT-4. The boring and permeability tests were performed in the existing lawn area at the site; please refer to Figure 2 for investigation locations.

Boring

The boring was completed under the full-time special inspection of a field engineer from our office under the direct supervision of our project Professional Engineer. Our field engineer laid out the boring location, maintained logs of all explorations, classified encountered soil, assigned New York City Building Code (NYCBC) material classifications, and obtained representative material samples. The boring log is presented in Appendix D.

Permission to access the site and perform the boring was obtained from Queens Botanical Gardens prior to performing our work. The One-Call utility markout request and a private utility markout in the vicinity of the boring location was performed by our subcontracted driller prior to the start of drilling.

The boring for this study was performed between 21 and 26 August 2024 by Craig Geotechnical Drilling Co., Inc. using a track-mounted drill rig. The boring was advanced using mud rotary drilling techniques to a depth of about 117 feet below existing grades.

A standard 2-inch-outer-diameter split spoon sampler was used to obtain samples of the underlying soil strata. The Standard Penetration Test (SPT)[1] was accomplished as part of the sampling procedure in accordance with ASTM D1586, and the SPT results were recorded by our inspecting engineer. As part of the SPT test, an automatic hammer was used in the boring. After hand clearing to a depth of 5-feet, SPT soil samples were typically taken continuously from the ground surface to a depth of 17 feet, and at 5-foot intervals thereafter. Undisturbed Shelby tube samples of soft, compressible soils were collected in accordance with ASTM D1587. Groundwater levels were recorded when first observed within the boring and inside a temporary groundwater level observation well. Upon completion of our work on site, the monitoring well was removed and the borehole was subsequently backfilled.

[1] The Standard Penetration Test is a measure of the soil density and consistency. The SPT N-value is defined as the number of blows required to drive a 2-inch outer diameter split-barrel sampler 12-inches, after an initial penetration of 6-inches, using a 140 pound automatic hammer falling freely for 30 inches. The SPT N-values reported in the boring logs and herein are the raw field SPT N-values, however please note that in accordance with the 2022 NYCBC, NYCBC Classes are reported based on the SPT N60 value (field SPT N-value corrected for 60% hammer efficiency).

Permeability Tests

Field permeability testing was performed at depths of 5 and 10 feet below existing grades. The permeability testing was performed within drilled boreholes in accordance with the latest New York City Department of Environmental Protection (NYCDEP) manual.

The results of the permeability testing are provided in Appendix E.

LABORATORY TESTING

Soil samples were visually examined in the field, and classifications were confirmed by re-examination in our Parsippany, New Jersey office. Selected samples were transmitted to a specialty testing laboratory where the following laboratory tests were performed:

- 4 Natural Water Content Analyses
- 4 Grain Size Distribution Analyses
- 2 Organic Content Analyses
- 4 Atterberg Limit Analyses
- 1 Consolidation Analyses
- 1 Unconfined Compression Test
- 1 Composite Corrosion Analysis

A summary of the results of the laboratory tests performed and their results is included in Appendix F.

SUBSURFACE CONDITIONS

The site subsurface conditions encountered in the boring generally consisted of topsoil underlain by fill and successive strata of upper clay, sand, and lower clay. Details of the subsurface conditions encountered in the borings are identified on the boring log included in Appendix D. The following paragraphs provide a detailed description of the encountered subsurface strata and groundwater conditions.

Topsoil

An approximately 12-inch-thick layer of topsoil was encountered at the ground surface of the boring.

Fill

Fill generally consisting of dark gray silty sand and sandy silt with varying amounts of gravel, peat, roots, brick, glass, and cinders was encountered directly below the topsoil in the boring. The fill extended to a depth of approximately 20 feet below existing grades, or to approximate el. -3. The fill layer was observed to be loose to medium dense as evidenced by SPT N-values ranging from

1 to 29 blows per foot, with an average SPT N-value of 13 blows per foot. The fill layer is classified as a New York City Building Code (NYCBC) Class 7 material.

Water content testing of a selected sample from this layer resulted in a water content of about 20.4%. Atterberg limit testing of a selected sample from this layer resulted in a liquid limit of 38%, a plastic limit of 29%, and a plasticity index of 9%.

Upper Clay

A stratum of gray clay with varying amounts of fine to coarse sand was encountered directly below the fill layer in the boring. In some cases, lenses of fine to coarse sand were encountered within the stratum. The upper clay stratum extended to a depth of approximately 55 feet below existing grades, or to approximate el. -38. The upper clay stratum was found to be about 35 feet thick. This stratum was observed to be very soft as evidenced by SPT N-values ranging from weight of hammer (W-O-H) to 1 blow per foot, with an average SPT N-value of less than 1 blow per foot. The upper clay stratum is classified as a New York City Building Code (NYCBC) Class 6 material.

Water content testing of a selected sand sample from this stratum resulted in a water content of about 33.7%. Atterberg limit testing of a selected sand sample from this stratum resulted in a liquid limit of 31%, a plastic limit of 18%, and a plasticity index of 13%.

Water content testing of selected clay samples from this stratum resulted in water contents ranging from about 78.4% to 96.1%. Atterberg limit testing of a selected clay sample from this stratum resulted in a liquid limit of 94%, a plastic limit of 39%, and a plasticity index of 55%.

Sand

A stratum of gray fine to medium sand with varying amounts of gravel and clay was encountered directly below the upper clay stratum in the boring. The sand stratum extended to a depth of approximately 65 feet below existing grades, or to approximate el. -48. The sand stratum was found to be about 10 feet thick. This stratum was observed to be dense to very dense as evidenced by SPT N-values of 48 blows per foot and refusal (over 100 blows per foot). The sand stratum is classified as a New York City Building Code (NYCBC) Class 3a material.

Lower Clay

A stratum of brownish gray clay was encountered directly below the sand stratum in the boring. The lower clay stratum extended to the termination depth of the boring, which was approximately 117 feet below existing grades, or to approximate el. -100. This stratum was observed to be stiff to hard as evidenced by SPT N-values ranging from 10 to 40 blows per foot, with an average SPT

N-value of 24 blows per foot. The lower clay stratum is classified as a New York City Building Code (NYCBC) Class 4a and 4b material.

Water content testing of a selected sample from this stratum resulted in a water content of about 29.5%. Atterberg limit testing of a selected sample from this stratum resulted in a liquid limit of 42%, a plastic limit of 22%, and a plasticity index of 20%.

Groundwater

Groundwater was first observed in the boring (as evidenced by inferred relative wetness of the soil samples) at a depth of about 15 feet below ground surface, or at approximate el. 2. Groundwater was observed in the temporary groundwater level monitoring well the following day at 12 feet below ground surface, or at approximate el. 5.

Corrosion Test Results

One composite soil sample containing soil from the fill layer from the boring at 3 to 5 feet below existing site grade, 5 to 7 feet below existing site grade, and 9 to 11 feet below existing site grade was tested for corrosivity to gray or ductile cast-iron pipe and Portland cement. The results of the corrosion testing are provided in Table 1 on the following page:

Table 1 – Corrosion Test Results

Parameter	Fill Layer Composite Sample Test Result
pH	7.6
Resistivity	861 Ω-cm
Redox	437 mV
Chloride	66.4 mg/L
Sulfide	6.0 mg/L
Sulfate	1,080 mg/L

FOUNDATION RECOMMENDATIONS

Based on the results of our field subsurface investigation, the fill and very soft upper clay soils at the project site are not suitable materials for foundation support of the proposed pavilion or the proposed stage floor slabs. We recommend that the proposed pavilion and stage floor slabs be supported on deep foundations extending into the stiff to hard lower clay soils underlying the very soft upper clay.

The following sections provide our recommendations for the pavilion foundation systems, floor slabs, seismic design parameters, liquefaction potential, site preparation, temporary excavation support, groundwater control, and other geotechnical aspects of the proposed construction.

Deep Foundations

We anticipate that the deep foundation system could consist of either a driven or drilled pile system. Driven piles are anticipated to be generally more cost effective than drilled piles. Recommendations for driven piles and drilled micropiles are provided herein.

Concrete-Filled Driven Pipe Piles

We recommend that the following pile type and size be considered to support the proposed pavilion and slabs.

- 8-5/8-inch-diameter Grade 3 modified (50 ksi yield strength) closed-end steel pipe piles having a 0.375-inch wall thickness and filled with concrete having a 28-day compressive strength of 4,000 lb/in^2

Concrete-filled driven pipe piles should be driven through the fill and soft upper clay and into the underlying NYCBC Class 4b or better material (dense to very dense sand and stiff to hard lower clay soils) and filled with concrete.

Based on the boring performed for this investigation, we anticipate pile lengths may vary from about 70 to 75 feet below existing surface grades at the site. Index pile installation is necessary to confirm pile lengths. The minimum pile center-to-center spacing should be 3 feet.

The pile sizes above include 1/16-inch of sacrificial steel casing for corrosion. We recommend that a minimum 1-inch-thick Grade 3 steel end closure plate be welded to the bottom of the pile.

The driven piles should be driven using a pile driving hammer that is capable of delivering sufficient energy to achieve the proposed axial capacities.

Care should be taken while performing pile driving installation work near existing structures and utilities to remain so as not to adversely affect these elements. Therefore, at a minimum, pre-drilling through the fill should be performed where existing structures and utilities are within 30 feet of pile driving work. This distance criterion is preliminary and may need to be increased based on vibration level monitoring during construction.

An individual pile design compression capacity on the order of 70 kips for an 8-5/8-inch diameter concrete-filled driven pipe pile is anticipated to be achievable. Driven piles should be designed in accordance with the provisions of the governing NYCBC. The following table provides our design for the proposed concrete-filled driven pile type:

Concrete-Filled Driven Pile Design Parameter	**8-5/8-inch-Diameter**
Compressive Load Capacity[1]	70 kips
Uplift Load Capacity[2]	5 kips
Lateral Capacity	3 kips
Anticipated Required Embedment (Into NYC Bldg Code Class 4b or better material)[2]	20 feet
Minimum Pipe Pile Casing Thickness	0.375 inches
Minimum Concrete Compressive Strength	4,000 lbs/in^2
Estimated Settlement under Compression	0.75 inches
Estimated Elongation under Uplift	0.375 inches
Estimated Free Head Pile Lateral Deflection	0.5 inches
Estimated Depth of Fixity Below Pile Head (Free Head Condition)	15 feet

Notes:

1. Uplift capacities must be reviewed with the Structural Engineer to confirm estimated elongations associated with uplift capacities are within tolerable limits.

Drilled Micropiles

Drilled-in micropiles could be utilized as an alternative deep foundation element. Micropiles can consist of drilled and grouted centrally reinforced foundation elements with a cased upper portion and an uncased lower portion. The drilled piles should be designed to have a permanent cased upper section through the fill and soft upper clay, as to achieve their load carrying capacity from the underlying NYCBC Class 4b or better material (dense to very dense sand and stiff to hard lower clay soils).

An individual pile design compression capacity on the order of 70 kips for a 7-5/8-inch diameter drilled micropile is anticipated to be achievable. Drilled micropile grout and reinforcement should be designed in accordance with the provisions of the governing NYCBC. The following table provides our design for the proposed drilled micropile type:

Drilled Micropile Design Parameter	**7-5/8-inch-Diameter**
Compressive Load Capacity[1]	70 kips
Uplift Load Capacity[2]	10 kips
Lateral Capacity	3 kips
Minimum Bond Zone Length (Into NYC Bldg Code Class 4b or better material)	20 feet
Minimum Casing Thickness	0.43 inches
Minimum Reinforcement	1 #10 full length bar
Minimum Concrete Compressive Strength	5,000 lbs/in^2
Estimated Settlement under Compression	0.75 inches
Estimated Elongation under Uplift	0.375 inches
Estimated Free Head Pile Lateral Deflection	0.5 inches
Estimated Depth of Fixity Below Pile Head (Free Head Condition)	15 feet

Notes:

1. The designed minimum bond zone length assumes the drilled pile will be pressure grouted during construction.
2. Uplift capacities must be reviewed with the Structural Engineer to confirm estimated elongations associated with uplift capacities are within tolerable limits.

Based on the available information, we anticipate pile lengths may vary from about 70 to 75 feet below existing surface grades at the site. Index pile installation is necessary to confirm pile lengths. The minimum pile center-to-center spacing should be 3 feet.

The pile sizes above include 1/8-inch of sacrificial steel casing for corrosion.

Downdrag

At this time, raising of site grades is not anticipated. However, if the proposed development scheme will include raising site grades, the individual pile compression capacities above will need to be reviewed to include an allowance for downdrag.

Pile Load Testing

Index piles and pile load tests are necessary to confirm and optimize the final pile capacities, pile diameters, wall thicknesses, lengths, and final drilling/driving criteria prior to the start of construction.

We recommend that full-scale load tests be performed on each pile type/capacity in accordance with the provisions of the NYCBC. Namely, each pile type/capacity should be verified in the field by means of at least one (1) compression load test and two (2) lateral load tests performed in accordance with the provisions of the governing NYCBC. Uplift loads should not exceed the values provided in the table herein. If higher uplift resistance is needed, uplift field load tests should be performed in accordance with provisions of the governing NYCBC to substantiate the higher required resistance.

Index pile installation and load testing should be done as soon as possible in the development schedule so that modifications, if necessary, can be made prior to production pile installation.

Index piles should be installed at locations selected by the Geotechnical Engineer and should be the same in every respect to the production piles. The index piles to be load tested should also be selected by the Geotechnical Engineer. For driven steel piles, the pile driving termination criteria should be estimated using Wave Equation type analysis (WEAP) by the Contractor for the specific pile, hammer, cushion, and other driving equipment proposed for use. Dynamic testing should be performed on all driven index piles using the Pile Driving Analyzer (PDA) to measure pile stresses during initial driving and restrikes, to estimate pile capacities, to measure hammer transfer energy, and to finalize driving criteria.

Structural Stage Floor Slabs

We recommend that the proposed stage floor slabs be pile supported such that they are structurally connected to the pile-supported pavilion structure.

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Stage Floor Slab Alternative

As alternative to supporting the stage floor slabs on piles, ground improvement consisting of removal and replacement can be considered. If this option is utilized, the proposed stage floor slabs should be constructed as a system that is structurally independent to the pile-supported pavilion structure.

The intent of the proposed soil removal and replacement program is to reduce the imposed loading below the floor slab, hence reducing total and differential settlements as discussed herein. Lightweight fill can provide an adequate bearing strata for the proposed stage floor slab.

Based on the proposed stage floor slab thickness of 6 inches, a slab subbase thickness of 6 inches, and the stage floor slab loading of 100 pounds per square foot (psf), we recommend that the upper 2.5 feet of site soils be removed from within the entire footprint of the proposed stage floor slab and extending a radial plan distance of 5 feet beyond the floor slab footprint. After removing these soils, we recommend that 2.5 feet of lightweight fill (i.e. Expanded Polystyrene (EPS) Geofoam) be installed.

Geofoam is a lightweight, engineered fill material made up of closed cell expanded polystyrene (EPS) and is manufactured in block form. The material is lightweight and has a very low unit weight (1% of traditional earth materials). Geofoam is available in a variety of versions that vary in unit weights from approximately 0.7 pcf to 2.85 pcf.

To minimize differential settlement between the areas supported by deep foundations and the on-grade supported stage floor slab, we recommend that concrete slabs at the interface of the pile supported structure and stage floor slab be constructed as transition slabs that are hinged on the pile supported foundations.

Settlements

Total and differential settlements for pile supported foundations and floor slabs discussed herein are estimated to be less than ¾ inch.

Total and differential settlements for on-grade supported floor slabs, subsequent to implementing the proposed removal and replacement light-weight geofoam fill program discussed herein are estimated to be less than 2 inches. The foundations will need to be sized and designed appropriately, so total and differential settlements are kept within tolerable limits. Post construction maintenance of the floor slabs should be anticipated due to settlement.

Evaluation of Corrosion Protection

One (1) composite soil sample from the fill layer at the site was tested for corrosivity to ductile iron pipe and Portland cement.

Based on the laboratory testing results, the composite sample consisting of fill material was considered corrosive to gray or ductile iron pipe. We recommend that for applications where steel will be in contact with soil at the project site, that either a sacrificial steel area be considered to account for potential section losses due to corrosion or that the steel be protected from the effects of corrosion using a corrosion-resistant coating.

Based on the laboratory testing results, the composite sample consisting of fill material was considered moderately corrosive to Portland Cement. Based on the guidelines of the American Concrete Institute (ACI), Type II Portland Cement is recommended for applications where concrete will be in contact with soil at the project site in order to provide increased resistance to sulfates.

Seismic Design Parameters

Based on the subsurface conditions encountered in the test boring and the New York City Building Code, the recommended seismic design parameters are provided below.

Seismic Design Parameters

Description	Parameter	Recommended Value	2022 NYCBC Reference
Mapped Spectral Acceleration for short periods:	S_s	0.296 g	Section 1613.3.1
Mapped Spectral Acceleration for 1-sec period:	S_1	0.061 g	
Site Class	-	E	Section 1613.3.2
Site Coefficient:	F_a	2.28	Tables 1613.3.3(1) and 1613.3.3(2)
Site Coefficient:	F_v	4.20	
5 percent damped design spectral response acceleration at short periods:	S_{DS}	0.450 g	Section 1613.3.4
5 percent damped design spectral response acceleration at 1-sec period:	S_{D1}	0.171 g	Section 1613.3.4
Structural Occupancy/Risk Category	-	II	Table 1604.5
Seismic Design Category	-	C	Table 1613.3.5

Liquefaction Potential

The seismic provisions of the NYCBC require an evaluation of the liquefaction potential of non-cohesive granular materials below the groundwater table and up to a depth of 50 feet below the ground surface.

Based on the NYCBC Figure 1816.1, there are a few data points located within the fill layer between approximately 13 and 15 feet below grade that indicate a potential for liquefaction. However, considering the small thickness of the potentially liquefiable layer and that the structure will be supported on deep foundations bearing in dense to very dense sand and stiff to hard clay, it is our opinion that liquefaction does not need to be considered in design.

Demolition and Site Clearing

All clearing activities should be performed in strict accordance with the approved soil erosion and sediment control plan prepared for this project.

Existing utilities, associated utility structures, remnant foundations, and foundation structural elements that conflict with proposed construction elements should be completely removed. If encountered, existing foundation remnants that do not conflict with proposed construction elements should be cut and removed to at least 3 feet or more below proposed subgrade level. Excavations made to remove utilities or remnant foundation structural elements in proposed on-grade supported areas should be backfilled with approved compacted fill as subsequently discussed herein. Any existing utilities to be abandoned should be removed or abandoned in place by complete filling with grout or sand in accordance with applicable regulations.

All demolition, site clearing, and re-use of demolition materials should be performed in accordance with any environmental regulations and requirements established for the project. All construction work should be performed so as not to disturb any active structures or utilities. Protection of these elements should be provided as necessary during the course of all demolition and construction at the site.

Site and Subgrade Preparation

Any proposed on-grade supported finished surface subgrade areas should be proof-rolled with six (6) overlapping coverages of a vibratory roller having a minimum static drum weight of 5 tons. Additional proof-rolling coverages should be performed in any other areas deemed necessary based on observations made by a qualified Geotechnical Engineer during construction. Soft areas identified during proof-rolling should be excavated to a maximum depth of 3 feet and replaced with approved compacted fill.

In areas where pile support is used, fill materials and placement methods can be the minimum required such as to provide a suitable base to construct the pile-supported elements; however, the Contractor should perform its own assessment regarding surface preparation needed to support heavy construction equipment during construction. In all other on-grade-supported areas, controlled engineered fill (as discussed in a subsequent section of this report) will be required.

Engineered Fill

We anticipate that backfilling will be required around new foundations. We have provided the recommendations below for soil backfilling.

Re-use of Existing Onsite Soils

Existing granular soils excavated from the site approved by the inspecting Geotechnical Engineer can be re-used for backfill around new foundations if first approved by the project environmental consultant and governing regulatory agencies. The re-use of all onsite soils should be performed in accordance with all environmental requirements established for the site.

Imported Fill

Imported fill should consist of a relatively well-graded mixture of sand and gravel with not more than 15 percent (by weight) finer than the No. 200 sieve. The use of any imported fill containing a higher percentage of fines would need to be evaluated by a qualified Geotechnical Engineer during construction. Suitable fill should be free of organics and other deleterious materials. The maximum particle size should be consistent with the requirements as detailed earlier in this section. Imported fill should meet the NYSDEC definition of certified clean fill and be free of all extraneous debris or solid waste, and shall not contain free liquids. The certified clean fill should also be free of any material that meets all criteria or action levels for contaminants without standards, such as asbestos, radiation, hexavalent chromium, and dioxins.

Grain size distribution, maximum dry density, and the optimum water content determinations should be made on representative samples of the backfill and fill materials proposed by the Contractor.

Fill Placement and Compaction

All fill should be placed in uniform lifts and compacted to at least 95 percent of the material's maximum dry density as determined by the Modified Proctor Compaction Test (ASTM D1557). Onsite granular soils and imported select fill should be placed in maximum 12-inch-thick loose lifts and compacted using a smooth drum roller with a minimum static drum weight of 5 tons. Smaller compaction equipment (i.e., walk-behind trench roller or jumping jack compactor) and thinner lifts may be necessary in areas of limited maneuverability. The water content at the time

of compaction should be within 3 percentage points of the optimum water content. All fill placement should be subject to inspection and testing by a qualified Geotechnical Engineer.

No fill material should be placed on areas where free water is standing, on frozen subgrade areas, or on surfaces that have not been approved by a qualified Geotechnical Engineer.

Temporary Excavation Support

In our experience, pile caps and grade beams will typically require up to 4-feet-deep excavations below the design grades. Excavations will be through the fill and can be performed using conventional earthwork equipment. Where feasible, open-cut excavations should be sloped to achieve stable slopes satisfying OSHA requirements.

All excavation operations should be performed in accordance with the Occupational Safety and Health Administration (OSHA) and other requirements including but not limited to, use of temporary shoring, trench boxes, and proper benching.

In any area where open-cut excavations may not be feasible, proper excavation support systems (e.g. shoring, sheeting) should be installed. All temporary excavation support should be designed by a Professional Engineer licensed in the State of New York. Temporary and permanent surcharge loading due to cranes, equipment, buildings, and vehicular traffic should be considered while designing temporary excavation support. As required by the NYCBC, a Professional Engineer licensed in the State of New York and retained by the Owner should provide Special Inspection of this work.

Groundwater Control during Construction

Based on the boring information, we expect that groundwater will not be encountered for utility and pile cap excavations that remain above approximate elevation el. 5. Groundwater can be expected to fluctuate with weather, seasonal conditions and construction activity. Surface runoff and groundwater seepage with higher groundwater levels should be expected during wet weather conditions. We anticipate that the majority of collected storm water runoff and groundwater seepage can be controlled using conventional submersible pumps in conjunction with gravel sumps.

The pumping, handling and discharge of all dewatering effluent should be performed in accordance with all applicable regulations and any environmental requirements for the site. Construction dewatering permitting to dispose of dewatering effluent will require careful volume estimates and design and should account for sewer infrastructure capacity limitations. A specialty dewatering contractor and associated Professional Engineer licensed in the State of New York should design a site-specific dewatering system that will not adversely affect adjacent areas and

buildings or cause settlements, loss of ground, intolerable groundwater table drawdown, or loss of support to adjacent areas.

Utilities

To minimize post-construction settlements of on-grade supported utilities in areas where site grades are to be raised, fill placement to raise site grades should be done as soon as possible and utility installation delayed as long as possible.

All excavations should be properly sloped and/or braced in conformance with applicable OSHA regulations. Prior to utility installations, exposed utility trenches should be proof-rolled with at least six (6) overlapping coverages of a double-drum walk-behind vibratory roller such as a Wacker RT 82-SC or equivalent. Any soft or unstable areas identified by the proof-rolling should be removed to a maximum depth of 2 feet below the pipe invert and replaced with compacted fill. Backfill in utility excavations should meet the previously discussed requirements for engineered fill, with fill placement and compaction performed as previously discussed.

We recommend that the new utilities have a minimum of 6 inches of bedding consisting of ¾-inch crushed stone and are backfilled with a minimum of 12 inches of ¾-inch crushed stone or imported select fill on the sides and above the pipe.

Prior to construction, we recommend field-locating any existing utilities in design-critical areas that must be temporarily maintained during construction.

Protection of Adjacent Structures

Neighboring structures and all utilities, sidewalks, walkways, and streets surrounding the site should be protected against loss of support or any other damage during excavation and subsequent construction. Special care will be required during soil excavation and removal, and temporary excavation support and dewatering to ensure excessive vibrations or movements are not induced in these structures, and site activities do not result in the loss of support or instability of the neighboring structures.

A pre-construction conditions documentation should be performed to document existing conditions of the pedestrian bridge abutment neighboring the south side of the site. The survey should include at a minimum a photographic documentation of the exposed accessible areas of the neighboring pedestrian bridge. Documentation should be done in accordance with the requirements of the NYC Building Code. In addition, survey monitoring points and crack monitoring gauges should be established at select locations on the neighboring pedestrian bridge prior to the start of excavation and new foundation construction. Ambient vibrations at the site and at the neighboring pedestrian bridge should also be recorded as part of the pre-construction

conditions documentation to establish a baseline of vibrations for comparison with vibrations recorded during construction activities.

We recommend that the neighboring pedestrian bridge be continuously monitored during construction using crack monitoring gauges and survey monitoring points established over select accessible areas to determine if the structure is adversely impacted by the on-site work. Vibration levels at the neighboring pedestrian bridge should be monitored using seismograph vibration monitors placed at strategic locations near the structure foundation.

Adjacent sidewalks, walkways, and lawn areas should be similarly monitored on a periodic basis during excavation and foundation construction activities.

SERVICES DURING DESIGN, CONSTRUCTION DOCUMENTS AND QUALITY ASSURANCE

During final design we should be retained to consult with the design team as geotechnical questions arise. Technical specifications and design drawings should incorporate Langan's recommendations. When authorized, Langan will assist the design team in preparing specification sections related to geotechnical issues such as earthwork and pile foundations. Langan should also, when authorized, review the project plans, as well as Contractor submittals relating to materials and construction procedures for geotechnical work, to confirm the designs incorporate the intent of our recommendations.

Langan has investigated and interpreted the site subsurface conditions and developed the foundation design recommendations contained herein, and is therefore best suited to perform quality assurance observation and testing of geotechnical-related work during construction. The work requiring quality assurance confirmation and/or special inspections per the Building Code includes, but is not limited to:

- Subsurface Conditions – Fill Placement & In-Place Density (BC 1704.7.2 & BC1704.7.3)
- Deep Foundation Elements (BC 1704.8)
- Excavations – Sheeting, Shoring, and Bracing (BC 1704.20.2)

Recognizing that construction observation is the final stage of geotechnical design, quality assurance observation during construction by Langan is necessary to confirm the design assumptions and design elements, to maintain our continuity of responsibility on this project, and allow us to make changes to our recommendations, as necessary. The foundation system and general geotechnical construction methods recommended herein are predicated upon Langan assisting with the final design and providing construction observation services for the Owner. Should Langan not be retained for these services, we cannot assume the role of geotechnical

engineer of record, and the entity providing the final design and construction observation services must serve as the engineer of record.

OWNER AND CONTRACTOR RESPONSIBILITIES

The Contractor is responsible for construction quality control, which includes satisfactorily constructing the foundation system and any associated temporary works to achieve the design intent while not adversely impacting or causing loss of support to neighboring property, structures, utilities, roadways, etc. Construction activities that can alter the existing ground conditions such as excavation, fill placement, foundation construction, pile driving/drilling, dewatering, etc. can also induce stresses, vibrations, and movements in nearby structures and utilities, and disturb occupants. Contractors are solely responsible to ensure that their activities will not adversely affect the structures and utilities, and will not disturb occupants. Contractors must also take all necessary measures to protect the existing structures, utilities, etc. during construction. By using this report, the Owner agrees that Langan will not be held responsible for any damage to adjacent structures.

LIMITATIONS

The conclusions and recommendations provided in this report result from our interpretation of the geotechnical conditions existing at the site inferred from a single test boring and four permeability tests, as well as architectural and structural information provided by the project team. Actual subsurface conditions may vary. Recommendations provided are dependent upon one another and no recommendation should be followed independent of the others.

Any proposed changes in structures or their locations should be brought to Langan's attention as soon as possible so that we can determine whether such changes affect our recommendations. Information on subsurface strata and groundwater levels shown on the boring log represent conditions encountered only at the location indicated and at the time of investigation. If different conditions are encountered during construction, they should immediately be brought to Langan's attention for evaluation, as they may affect our recommendations.

This report has been prepared to assist the Owner, architect, and structural engineer in the design process and is only applicable to the design of the specific project identified. The information in this report cannot be utilized or depended on by engineers or contractors who are involved in evaluations or designs of facilities (including underpinning, grouting, stabilization, etc.) on adjacent properties which are beyond the limits of that which is the specific subject of this report.

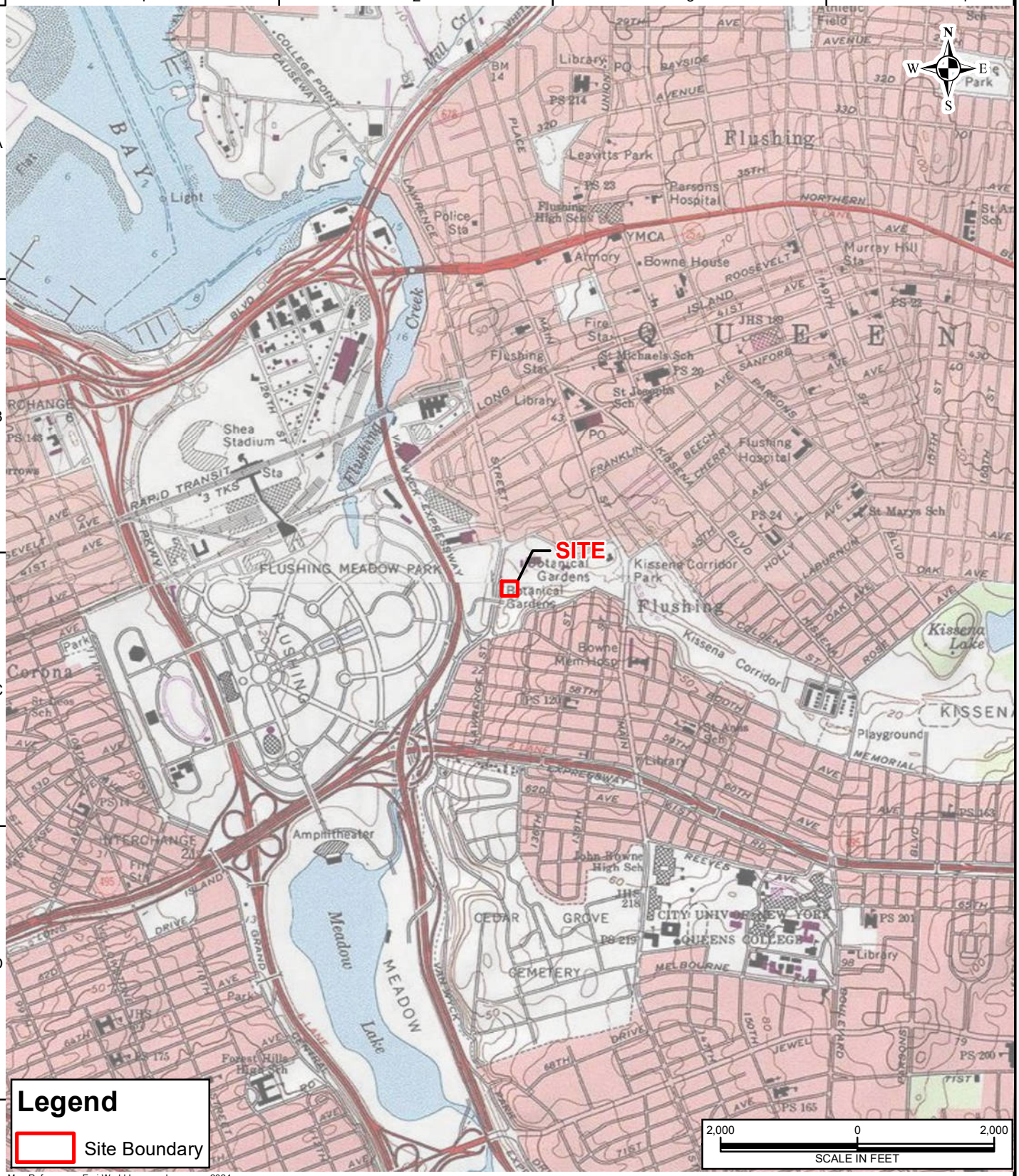
Environmental issues (such as permitting or potentially contaminated soil and groundwater) are outside the scope of this study and should be addressed in a separate evaluation.

CLOSURE

We thank you for allowing us to assist you on this project. If you have any questions regarding this report, please call.

FIGURES

Figure 1	Site Location Map
Figure 2	Location Plan
Figure 3	Soil Survey Map
Figure 4	Surficial Geology Map
Figure 5	Bedrock Map
Figure 6	FEMA Flood Map
Figure 7	FEMA Preliminary Flood Map



Map References: Esri World Imagery basemap, 2024

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Langan Engineering & Environmental Services, Inc.
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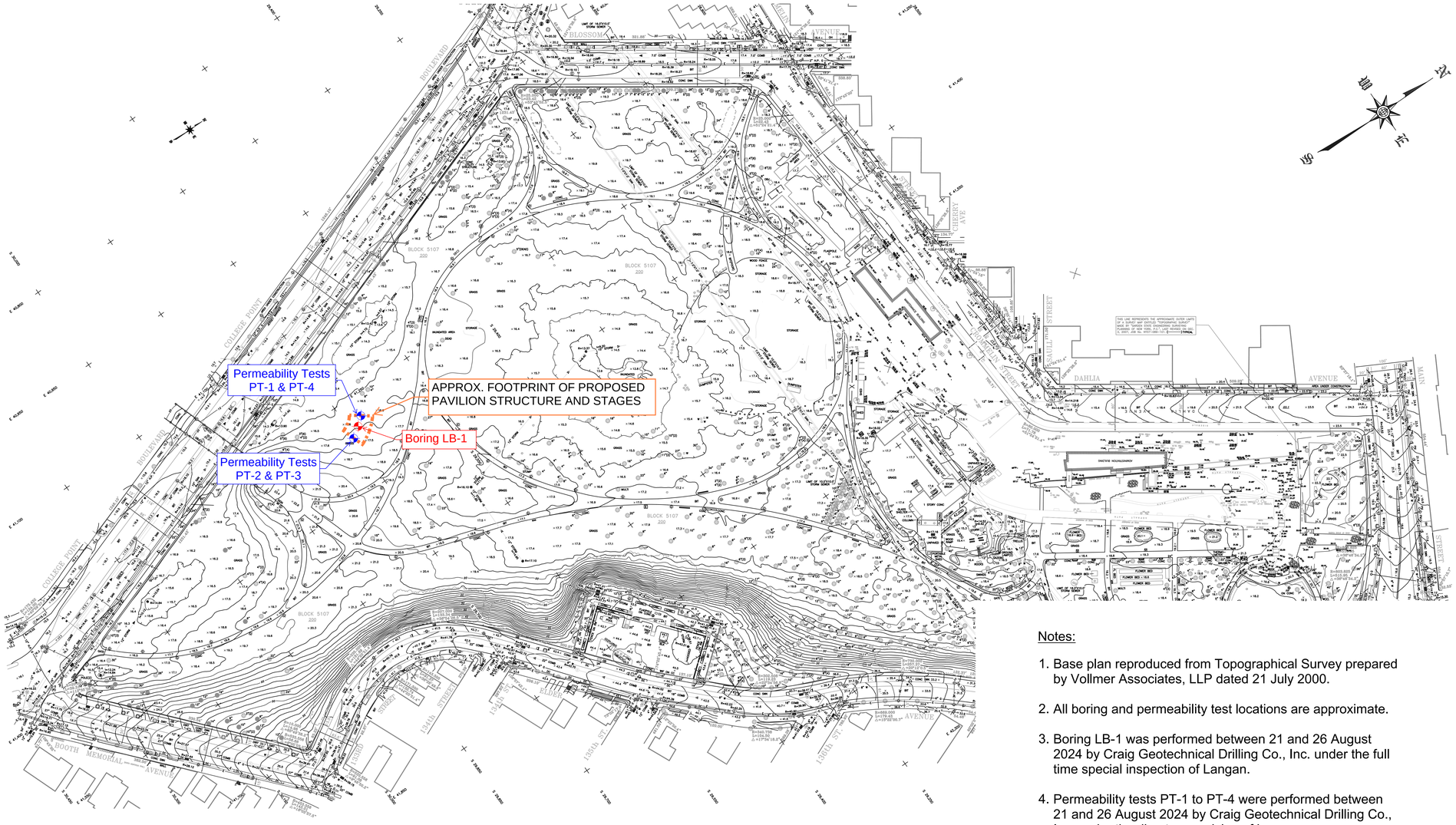
Langan International LLC
Collectively known as Langan

NJ CERTIFICATE OF AUTHORIZATION No. 24GA27996400

Project	QUEENS BOTANICAL GARDEN PAVILLION
	QUEENS NEW YORK
Drawing Title	SITE LOCATION MAP
Project No.	101164001
Date	11/01/2024
Scale	1" = 2000'
Drawn By	IHB
Figure	1

© 2019 Langan

Path: \\langan.com\data\PAR\data0\101164001\Project Data\ArcGIS\MXD\Geotech_Figures\Figure 1 - USGS Site Location Map.mxd



Notes:

1. Base plan reproduced from Topographical Survey prepared by Vollmer Associates, LLP dated 21 July 2000.
2. All boring and permeability test locations are approximate.
3. Boring LB-1 was performed between 21 and 26 August 2024 by Craig Geotechnical Drilling Co., Inc. under the full time special inspection of Langan.
4. Permeability tests PT-1 to PT-4 were performed between 21 and 26 August 2024 by Craig Geotechnical Drilling Co., Inc. under the direct supervision of Langan.
5. See Appendix D for Boring Logs and see Appendix E for Permeability Test Results.

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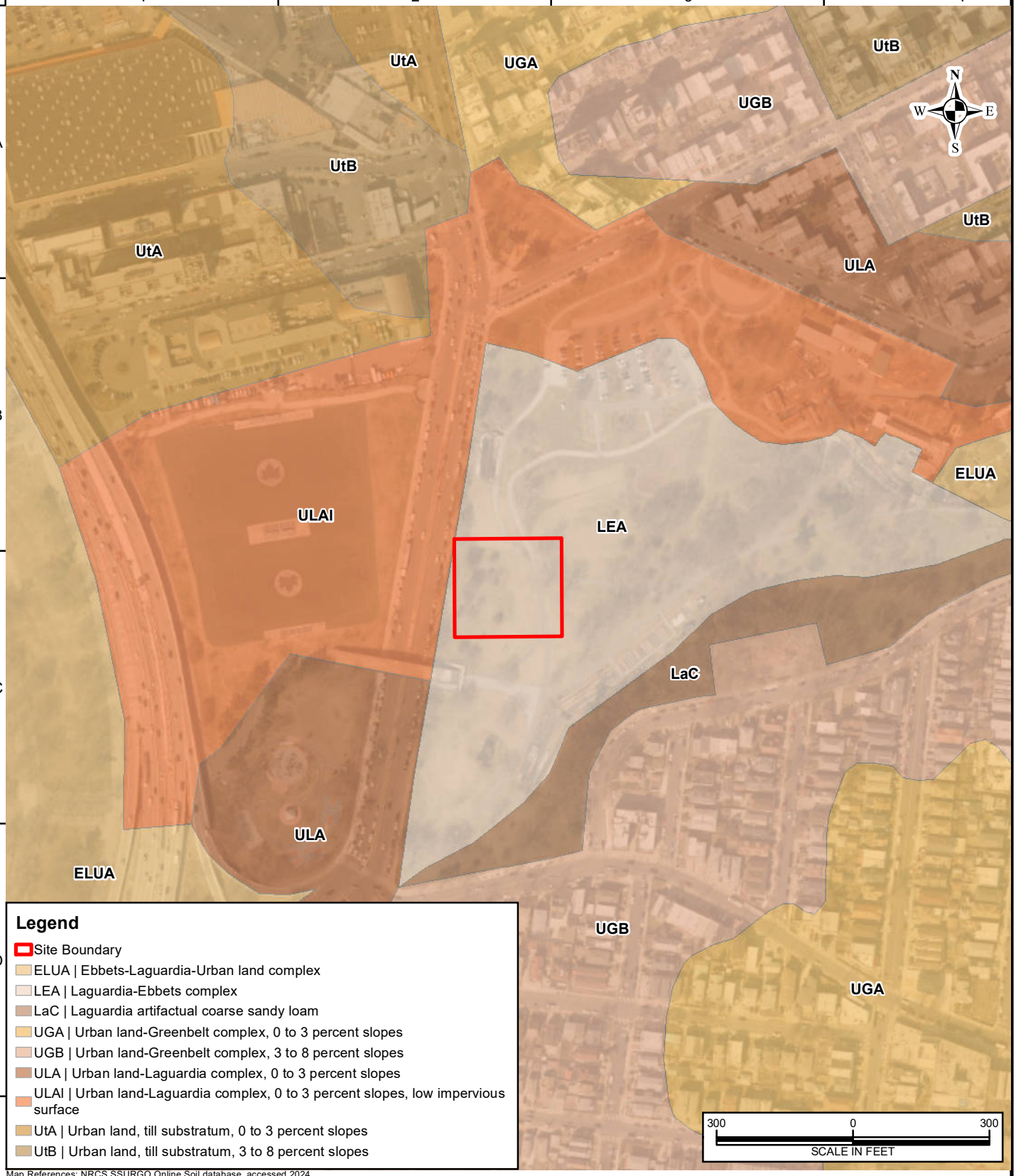
NJ CERTIFICATE OF AUTHORIZATION No. 24GA27996400

Project
QUEENS BOTANICAL GARDEN PAVILLION
QUEENS NEW YORK

Drawing Title
LOCATION PLAN

Project No. 101164001	Figure 2
Date 11/01/2024	
Scale 1" = 80'	
Drawn By JM	



Legend

- Site Boundary
- ELUA | Ebbets-Laguardia-Urban land complex
- LEA | Laguardia-Ebbets complex
- LaC | Laguardia artifactual coarse sandy loam
- UGA | Urban land-Greenbelt complex, 0 to 3 percent slopes
- UGB | Urban land-Greenbelt complex, 3 to 8 percent slopes
- ULA | Urban land-Laguardia complex, 0 to 3 percent slopes
- ULAI | Urban land-Laguardia complex, 0 to 3 percent slopes, low impervious surface
- UtA | Urban land, till substratum, 0 to 3 percent slopes
- UtB | Urban land, till substratum, 3 to 8 percent slopes

Map References: NRCS SSURGO Online Soil database, accessed 2024

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Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C.
Langan International LLC
Collectively known as Langan

NJ CERTIFICATE OF AUTHORIZATION No. 24GA27996400

Project
QUEENS BOTANICAL GARDEN PAVILLION
QUEENS NEW YORK

Drawing Title
SOIL SURVEY MAP

Project No.	101164001
Date	11/01/2024
Scale	1" = 300'
Drawn By	IHB
Figure	3

© 2019 Langan

Path: \\langan.com\data\PAR\data0\101164001\Project Data\ArcGIS\MXD\Geotech_Figures\Figure 3 - Soil Survey Map.mxd

Map References: Surficial geology polygons provided through the NYS Museum GIS Clearinghouse, last revised 1988

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NJ CERTIFICATE OF AUTHORIZATION No. 24GA27996400

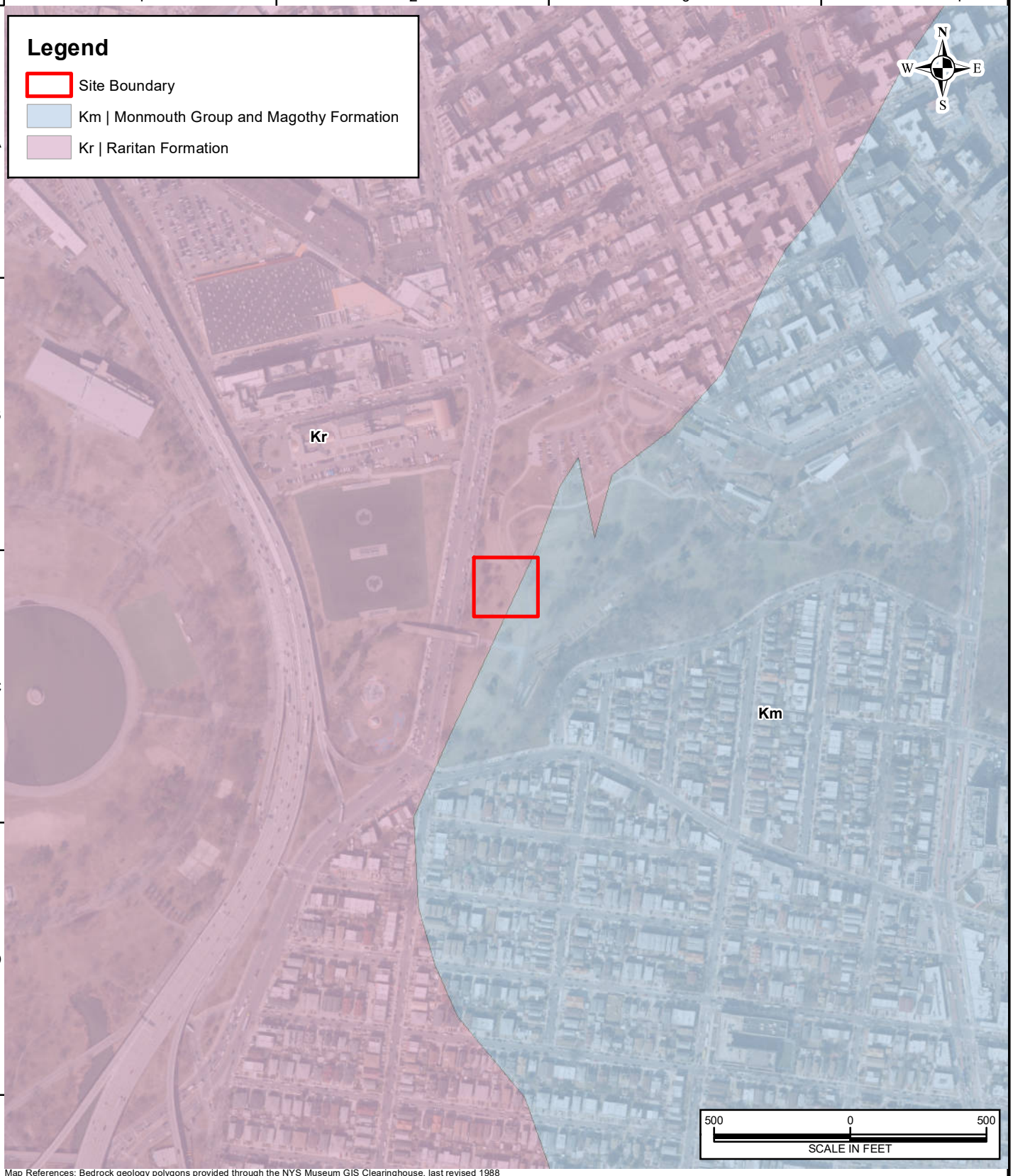
Project
QUEENS BOTANICAL GARDEN PAVILLION
QUEENS NEW YORK

Drawing Title
SURFICIAL GEOLOGY MAP

Project No.	101164001
Date	11/01/2024
Scale	1" =500'
Drawn By	IHB
Figure	4

© 2019 Langan

Path: \\langan.com\data\PAR\data0\101164001\Project Data\ArcGIS\MXD\Geotech_Figures\Figure 4 - Surficial Geology Map.mxd



Map References: Bedrock geology polygons provided through the NYS Museum GIS Clearinghouse, last revised 1988

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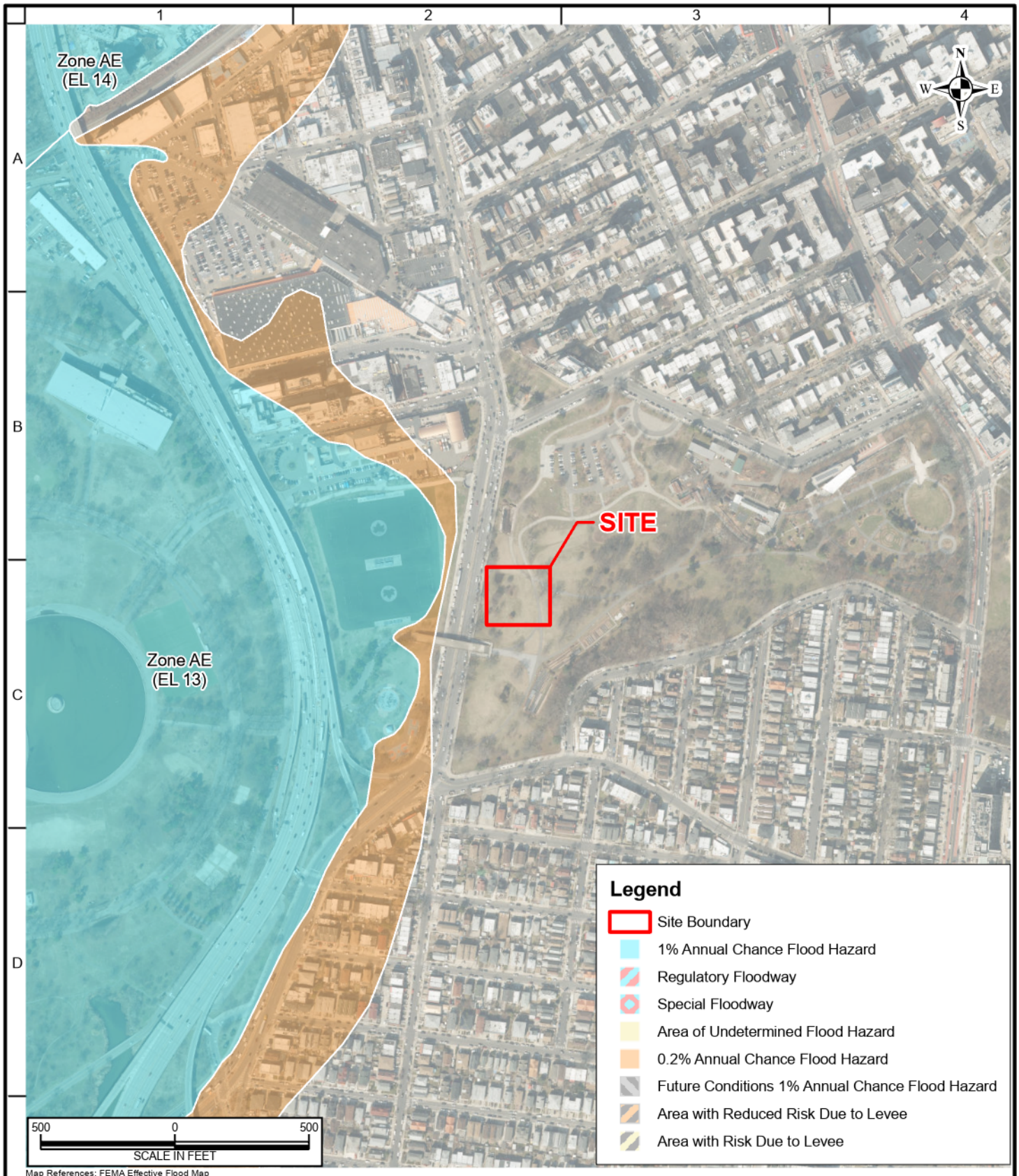
Project
QUEENS BOTANICAL GARDEN PAVILLION
QUEENS NEW YORK

Drawing Title
BEDROCK GEOLOGY MAP

Project No.	101164001
Date	11/01/2024
Scale	1" = 500'
Drawn By	IHB
Figure	5

© 2019 Langan

Path: \\langan.com\data\PAR\data0\101164001\Project Data\ArcGIS\MXD\Geotech_Figures\Figure 5 - Bedrock Geology Map.mxd



Map References: FEMA Effective Flood Map

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Project
QUEENS BOTANICAL GARDEN PAVILLION
QUEENS NEW YORK

Drawing Title
FEMA FLOOD MAP

Project No.	101164001
Date	11/01/2024
Scale	1" = 500'
Drawn By	IHB
Figure	6

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Path: \\langan.com\data\PAR\data0\101164001\Project Data\ArcGIS\APRX\101164001\101164001.aprx

Map References: FEMA Preliminary Flood Map

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Project
QUEENS BOTANICAL GARDEN PAVILLION
QUEENS NEW YORK

Drawing Title
FEMA PRELIMINARY FLOOD MAP

Project No.	101164001
Date	11/01/2024
Scale	1" = 1000'
Drawn By	IHB
Figure	7

© 2019 Langan

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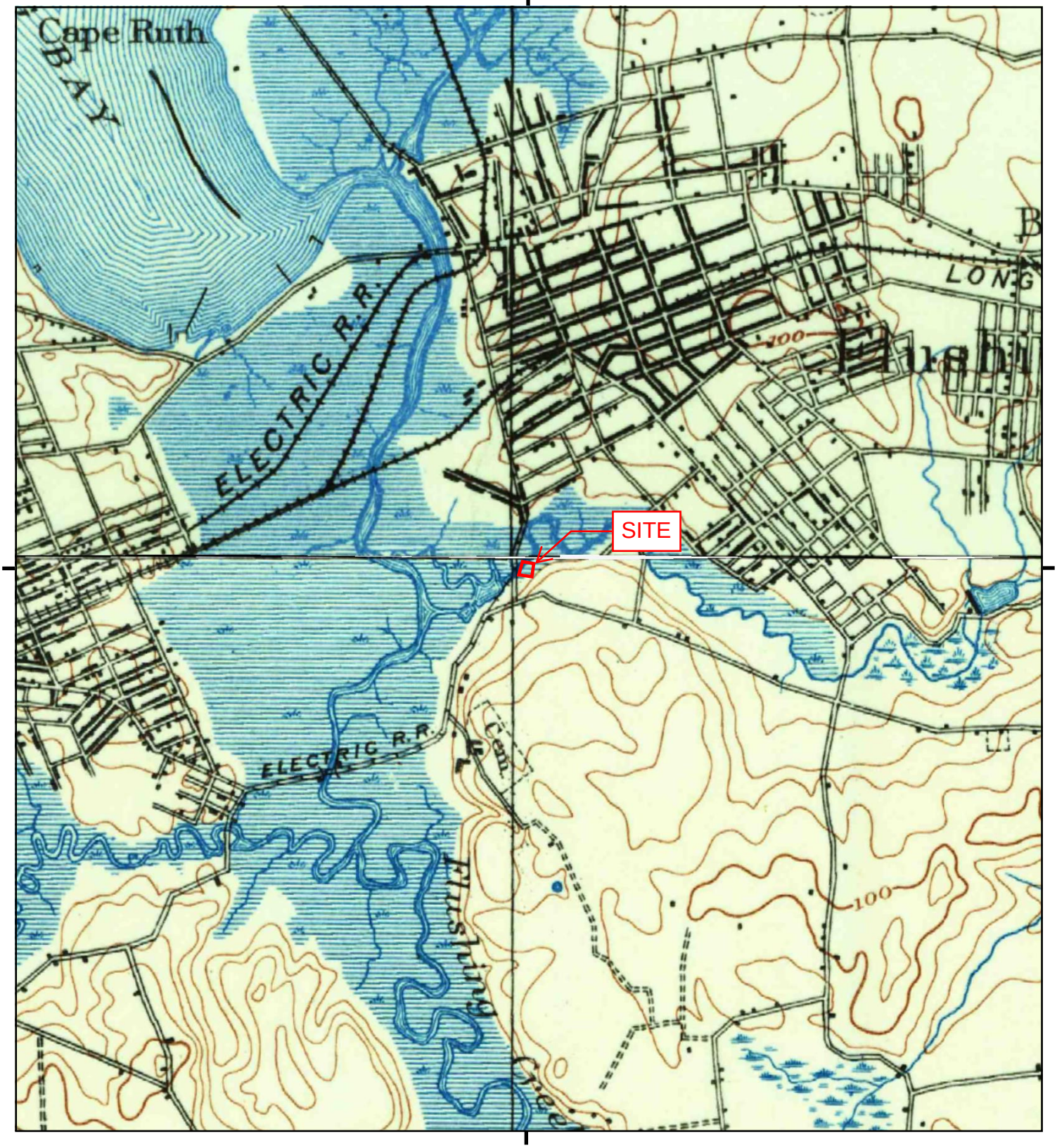
APPENDIX A

Historic Topographic Maps



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

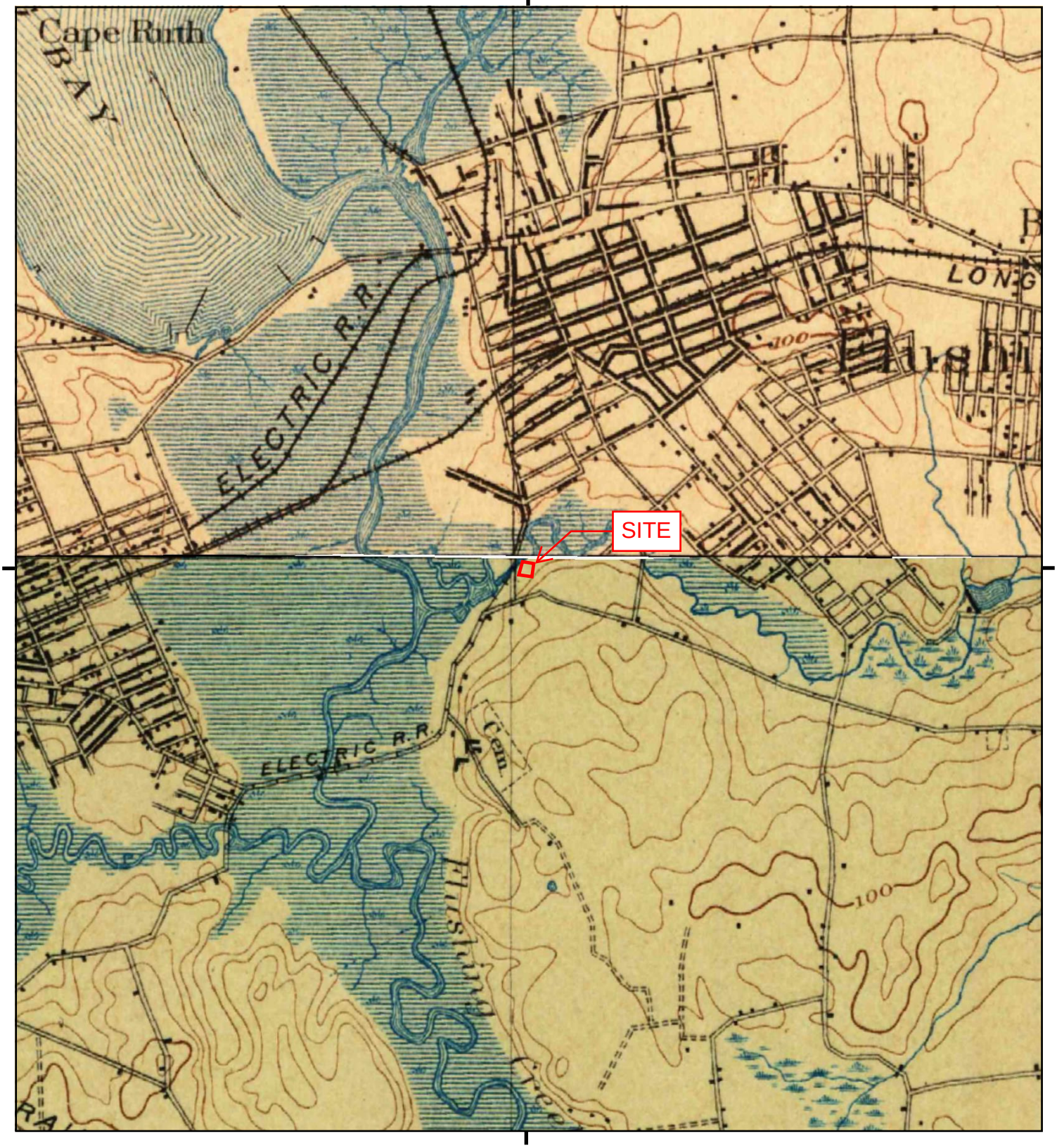
TP, Brooklyn, 1897, 15-minute
N, Harlem, 1897, 15-minute

SITE NAME: Proposed Queens Botanical Garden Pavi
ADDRESS: 43-50 Main Street
Flushing, NY 11355
CLIENT: Langan Engineering

N

Historical Topo Map

1898



This report includes information from the following map sheet(s).

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W E
SW S SE

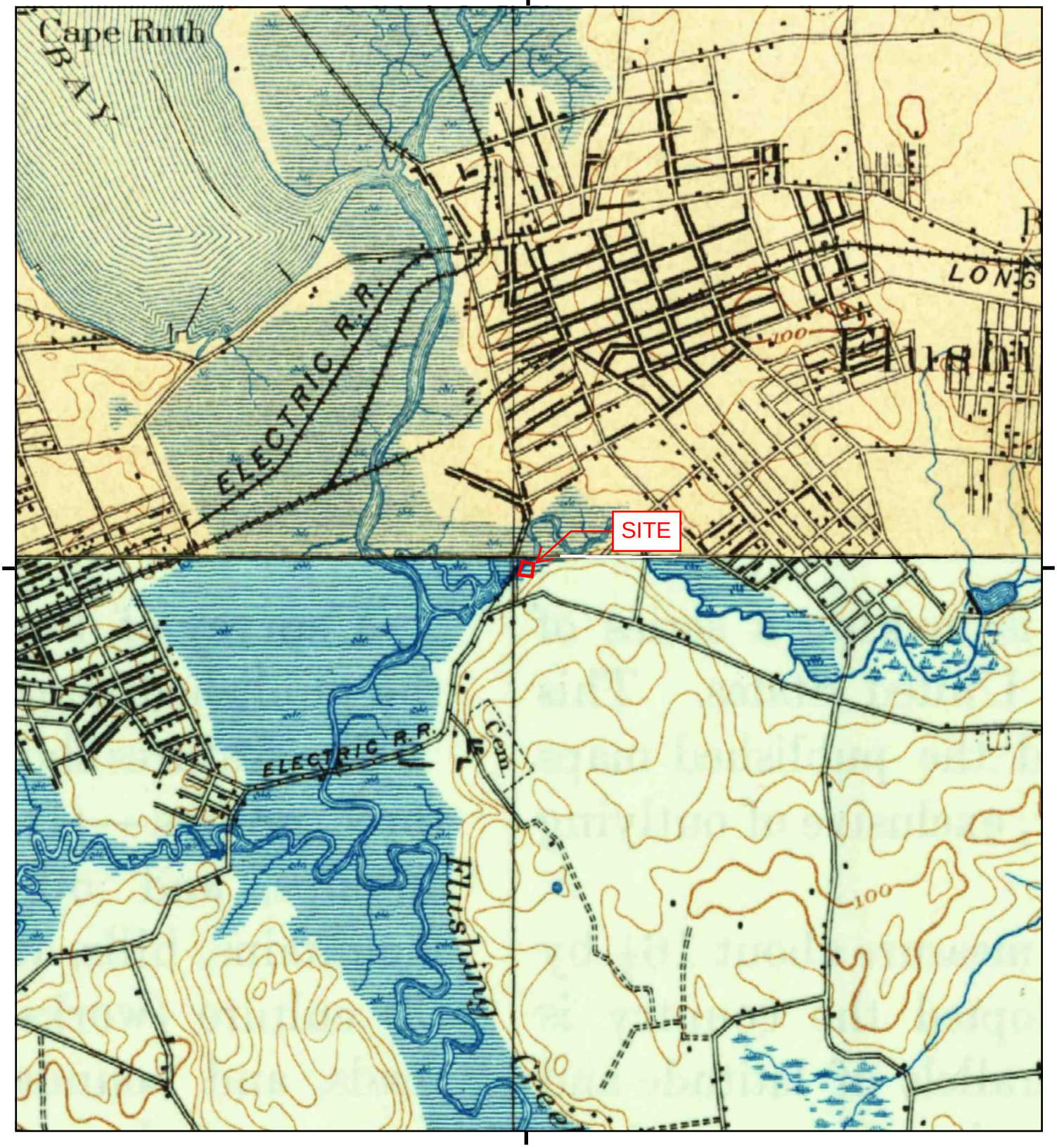
TP, Brooklyn, 1898, 15-minute
N, Harlem, 1898, 15-minute

SITE NAME: Proposed Queens Botanical Garden Pavi
ADDRESS: 43-50 Main Street
Flushing, NY 11355
CLIENT: Langan Engineering

N

Historical Topo Map

1900



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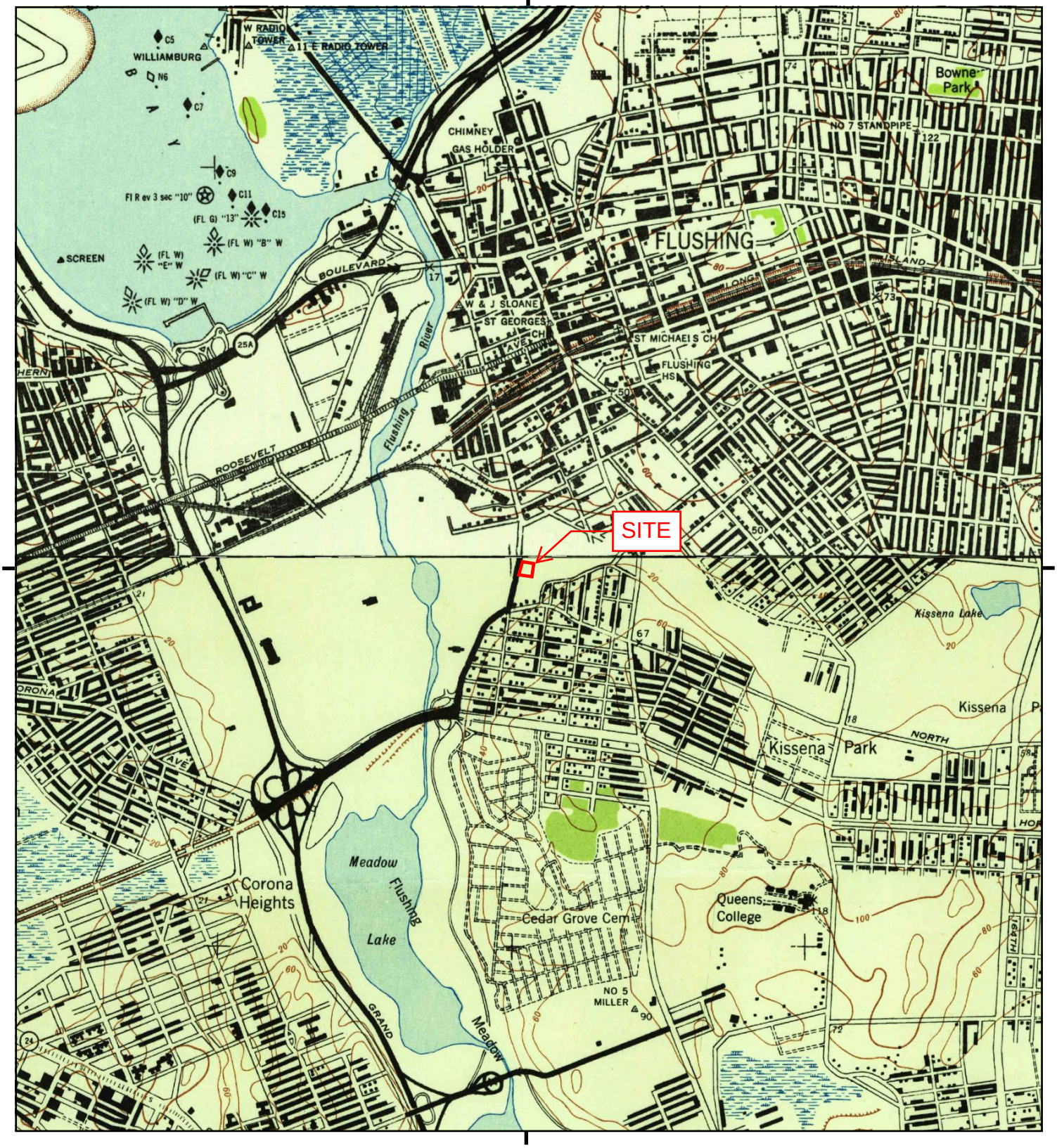
W E
SW S SE

TP, Brooklyn, 1900, 15-minute
N, Harlem, 1900, 15-minute

SITE NAME: Proposed Queens Botanical Garden Pavi
ADDRESS: 43-50 Main Street
Flushing, NY 11355
CLIENT: Langan Engineering

N



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W E
SW S SE

TP, Jamaica, 1947, 7.5-minute
N, Flushing, 1947, 7.5-minute

SITE NAME: Proposed Queens Botanical Garden Pavi
ADDRESS: 43-50 Main Street
Flushing, NY 11355
CLIENT: Langan Engineering

N

Historical Topo Map

1955, 1957

This report includes information from the following map sheet(s).

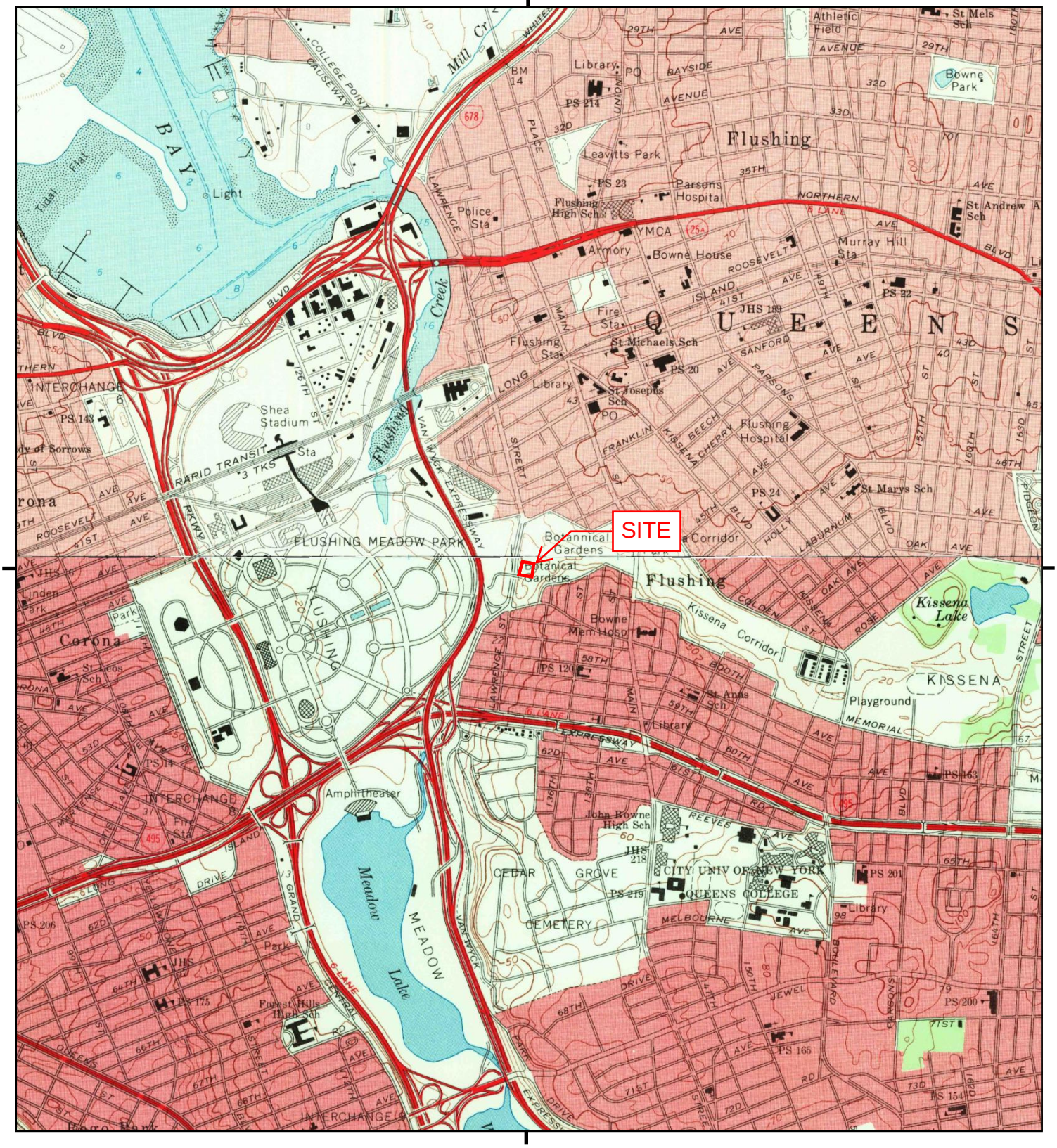
TP, Jamaica, 1957, 7.5-minute
N, Flushing, 1955, 7.5-minute

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

SITE NAME: Proposed Queens Botanical Garden Pavi
ADDRESS: 43-50 Main Street
Flushing, NY 11355
CLIENT: Langan Engineering

N



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0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

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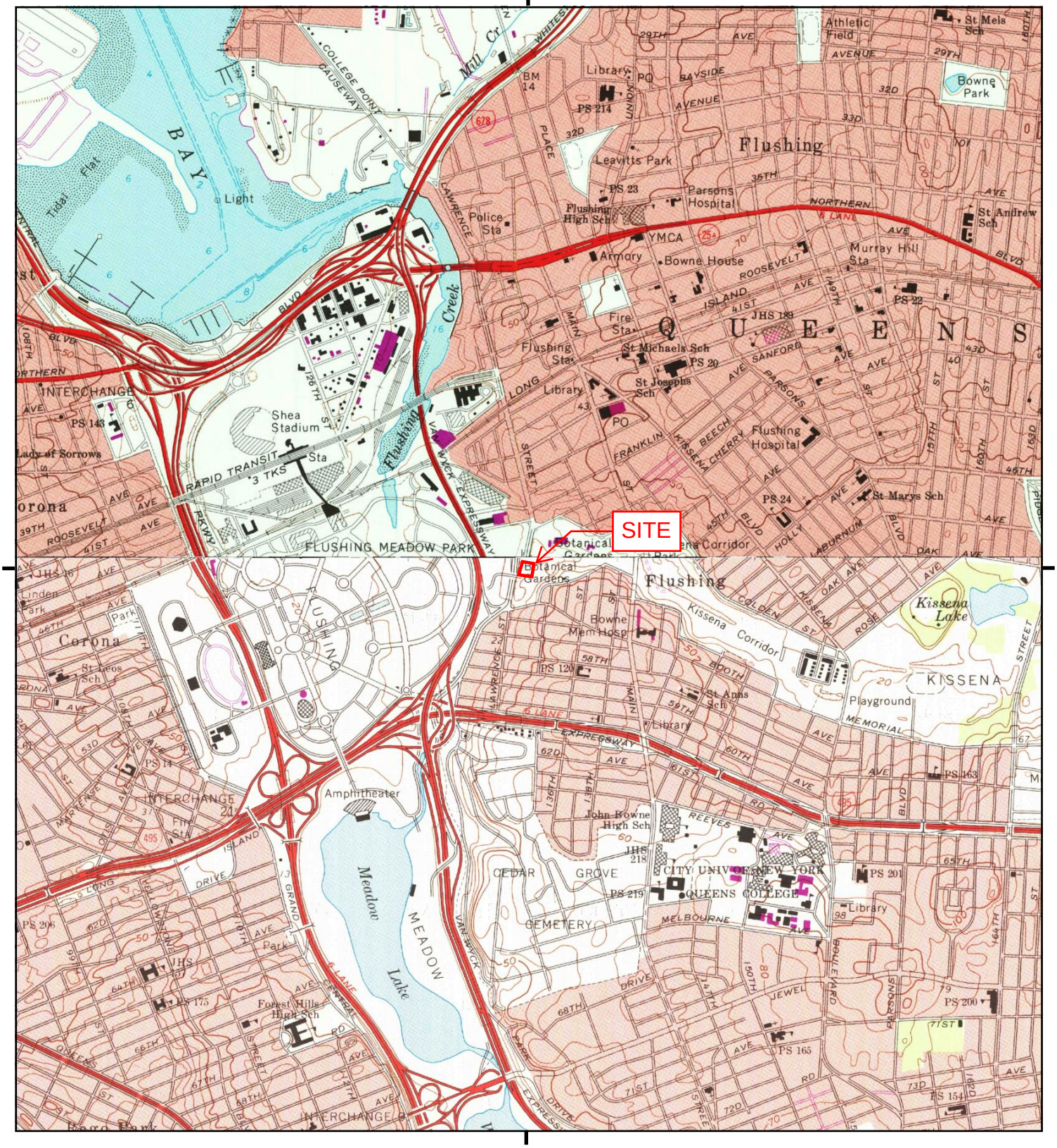
N, Flushing, 1966, 7.5-minute

SITE NAME: Proposed Queens Botanical Garden Pavi
ADDRESS: 43-50 Main Street
Flushing, NY 11355
CLIENT: Langan Engineering

N



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W E
SW S SE

TP, Jamaica, 1979, 7.5-minute
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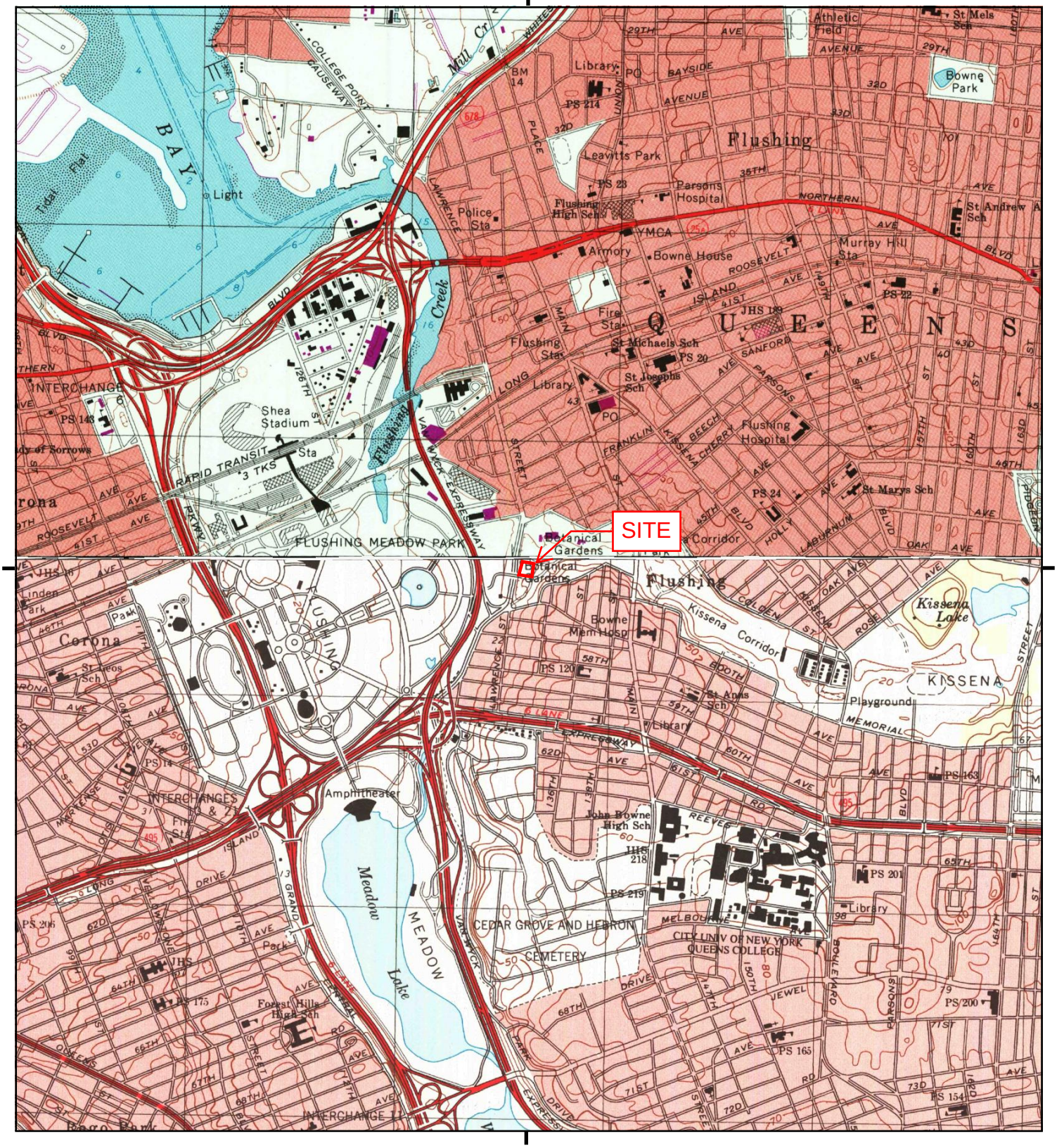
SITE NAME: Proposed Queens Botanical Garden Pavi
ADDRESS: 43-50 Main Street
Flushing, NY 11355
CLIENT: Langan Engineering

N



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SW S SE

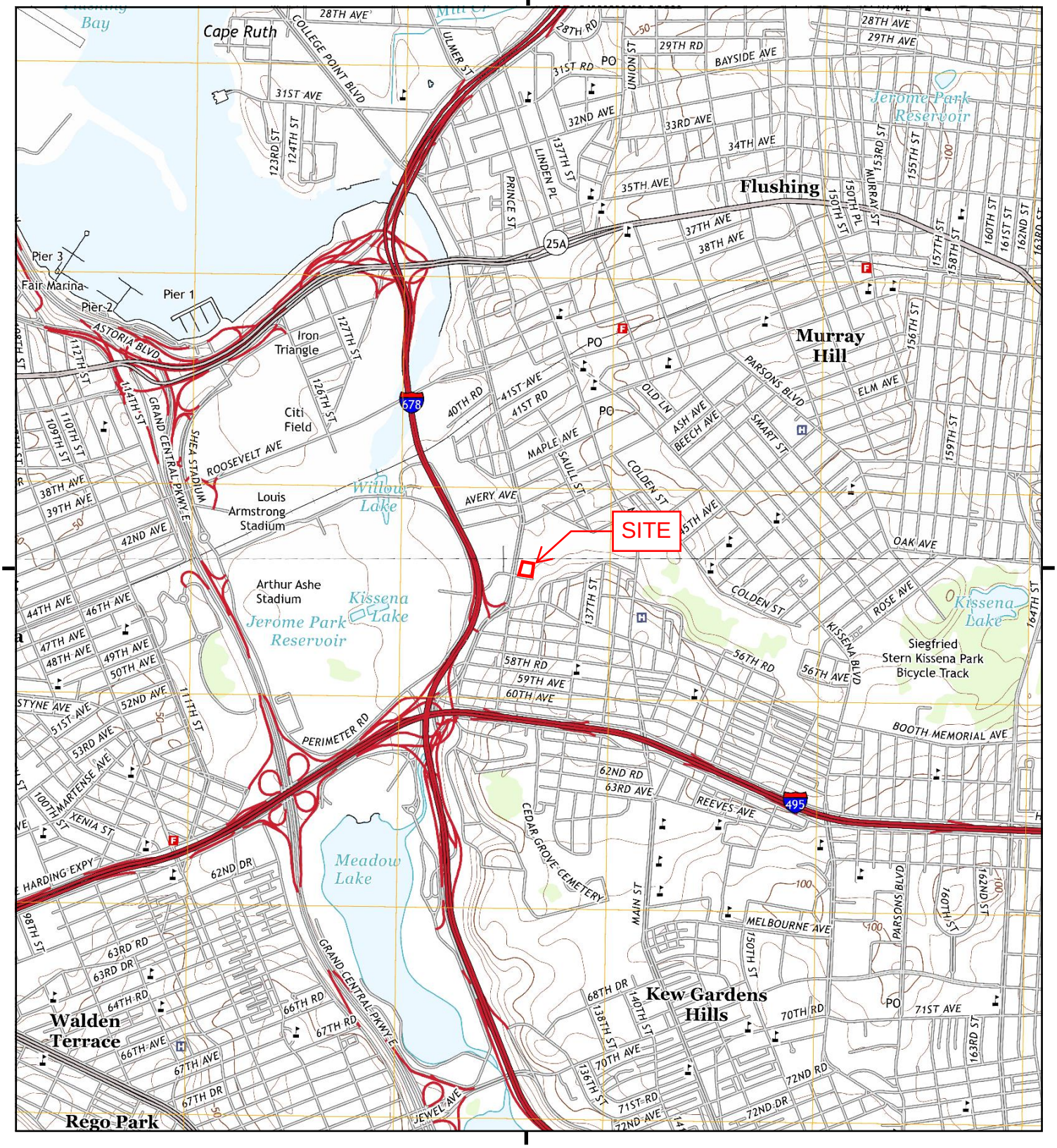
TP, Jamaica, 1994, 7.5-minute
N, Flushing, 1995, 7.5-minute

SITE NAME: Proposed Queens Botanical Garden Pavi
ADDRESS: 43-50 Main Street
Flushing, NY 11355
CLIENT: Langan Engineering

N

Historical Topo Map

2013



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SW S SE

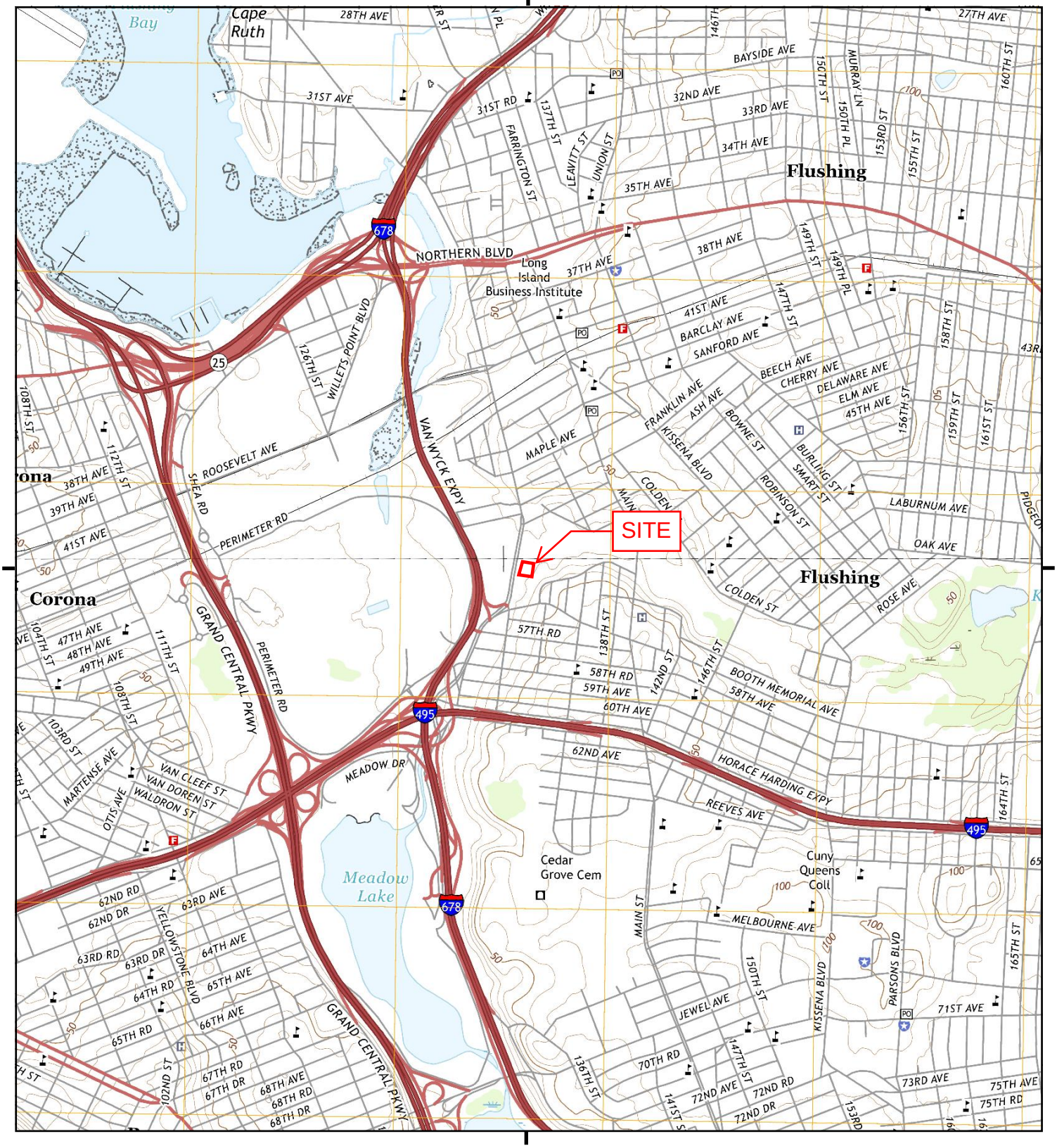
TP, Jamaica, 2013, 7.5-minute
N, Flushing, 2013, 7.5-minute

SITE NAME: Proposed Queens Botanical Garden Pavi
ADDRESS: 43-50 Main Street
Flushing, NY 11355
CLIENT: Langan Engineering

N

Historical Topo Map

2016



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W E
SW S SE

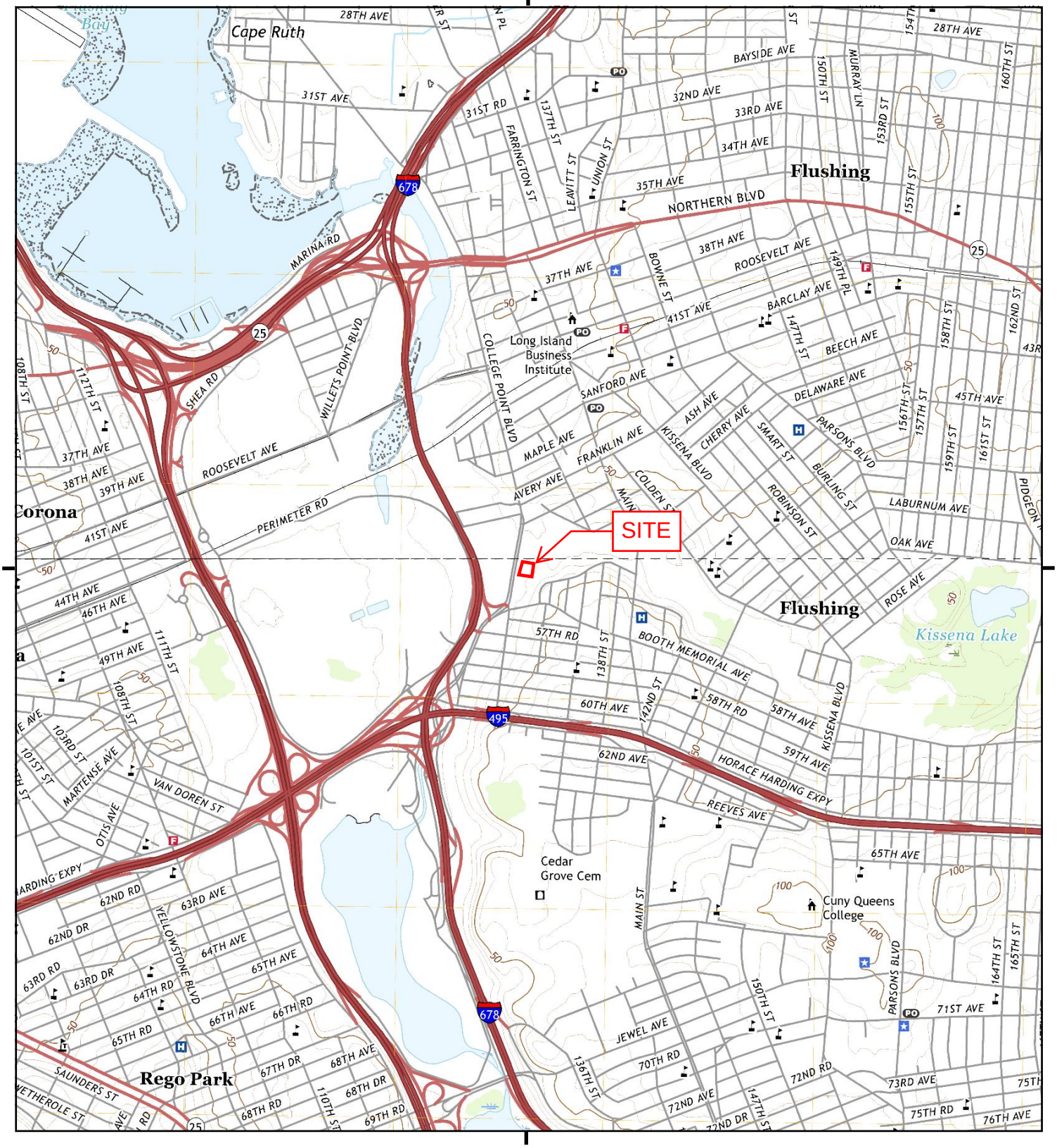
TP, Jamaica, 2016, 7.5-minute
N, Flushing, 2016, 7.5-minute

SITE NAME: Proposed Queens Botanical Garden Pavi
ADDRESS: 43-50 Main Street
Flushing, NY 11355
CLIENT: Langan Engineering

N

Historical Topo Map

2019



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W E
SW S SE

TP, Jamaica, 2019, 7.5-minute
N, Flushing, 2019, 7.5-minute

SITE NAME: Proposed Queens Botanical Garden Pavi
ADDRESS: 43-50 Main Street
Flushing, NY 11355
CLIENT: Langan Engineering

N

APPENDIX B

Historic Aerial Photographs

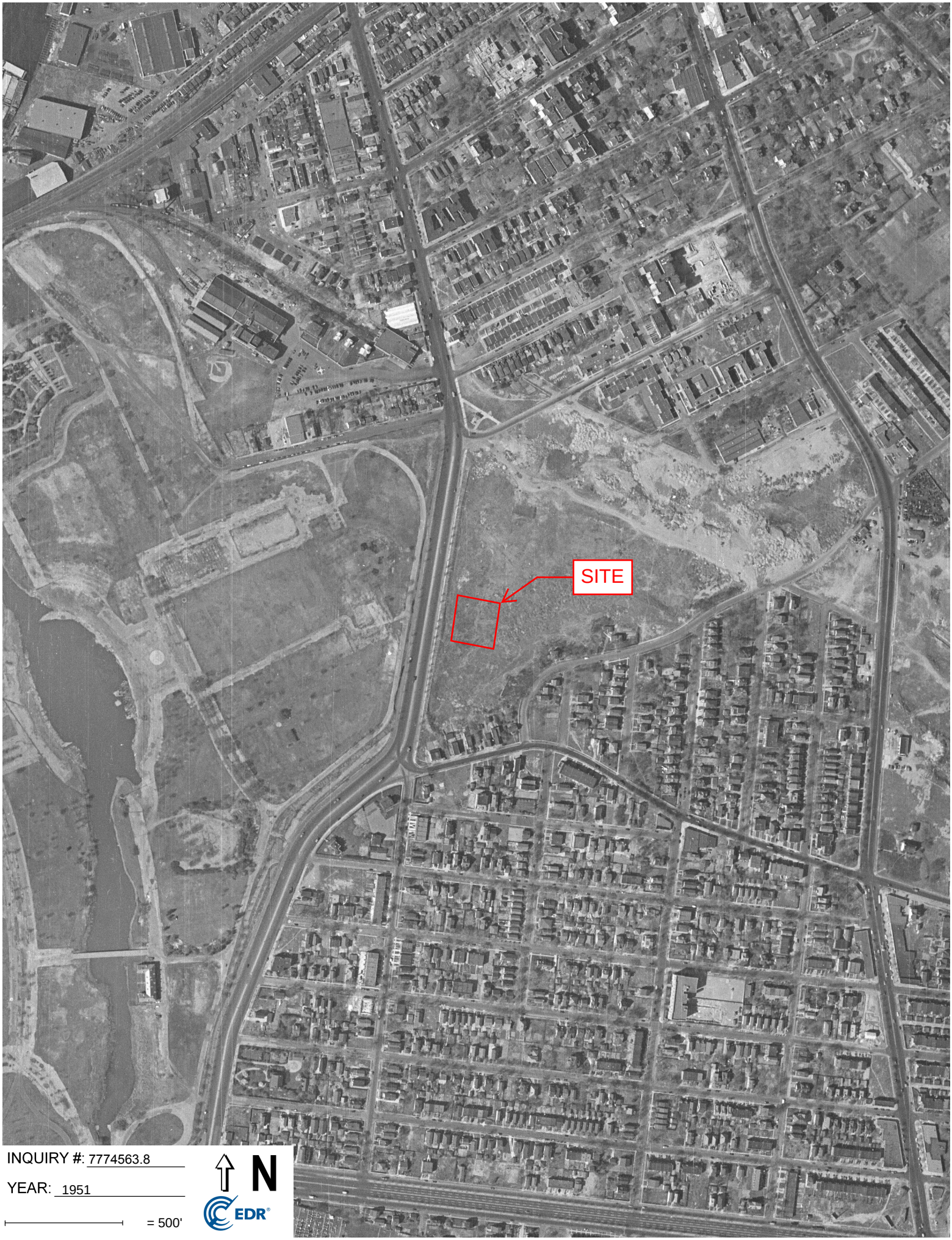
INQUIRY #: 7774563.8

YEAR: 1924

= 500'

N

EDR



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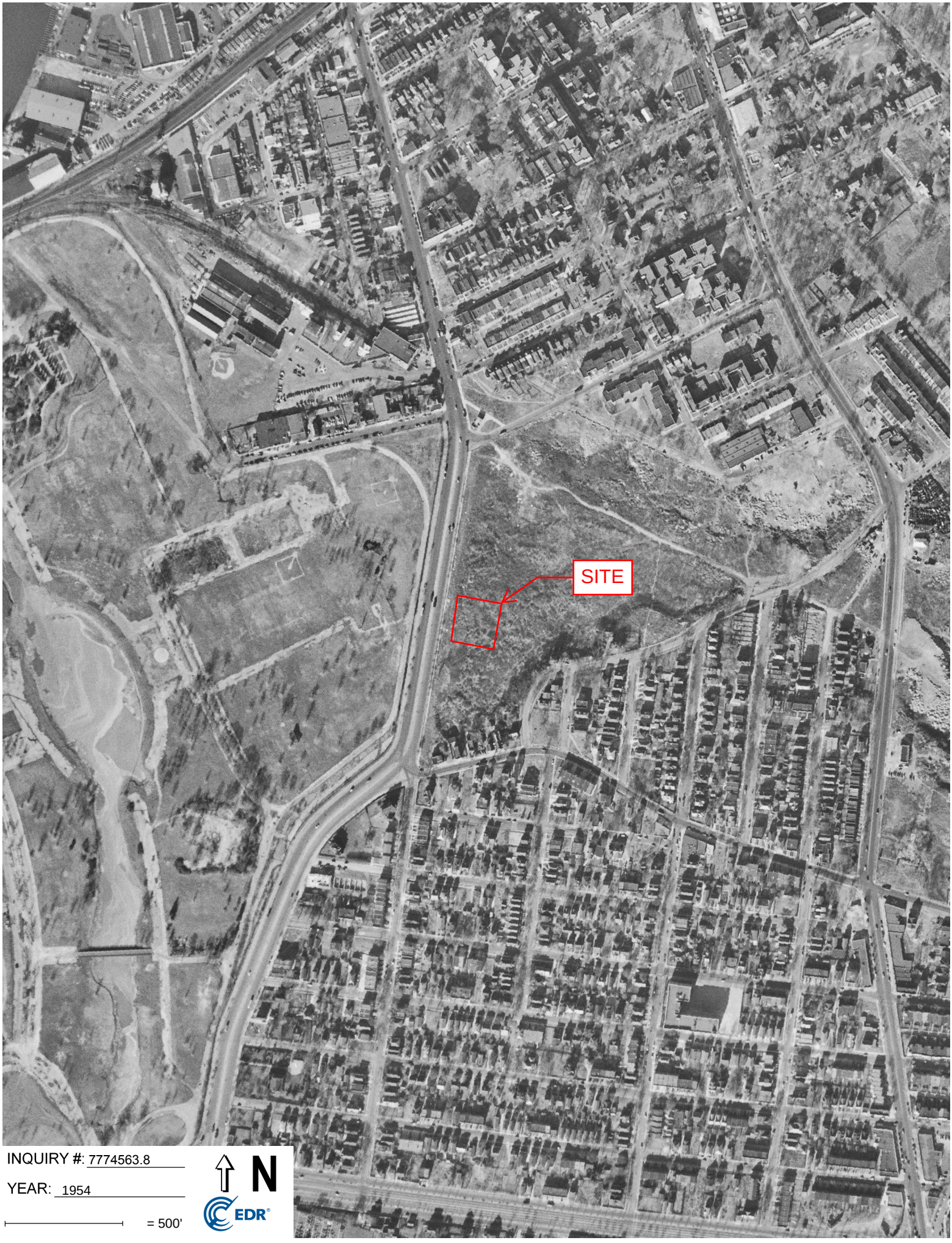
YEAR: 1951

= 500'

N

EDR



INQUIRY #: 7774563.8

YEAR: 1954

= 500'

N

EDR

INQUIRY #: 7774563.8

YEAR: 1961

= 500'

N

EDR

INQUIRY #: 7774563.8

YEAR: 1966

= 500'

N

EDR

INQUIRY #: 7774563.8

YEAR: 1971

= 500'

N

EDR

INQUIRY #: 7774563.8

YEAR: 1975

= 500'

N

EDR

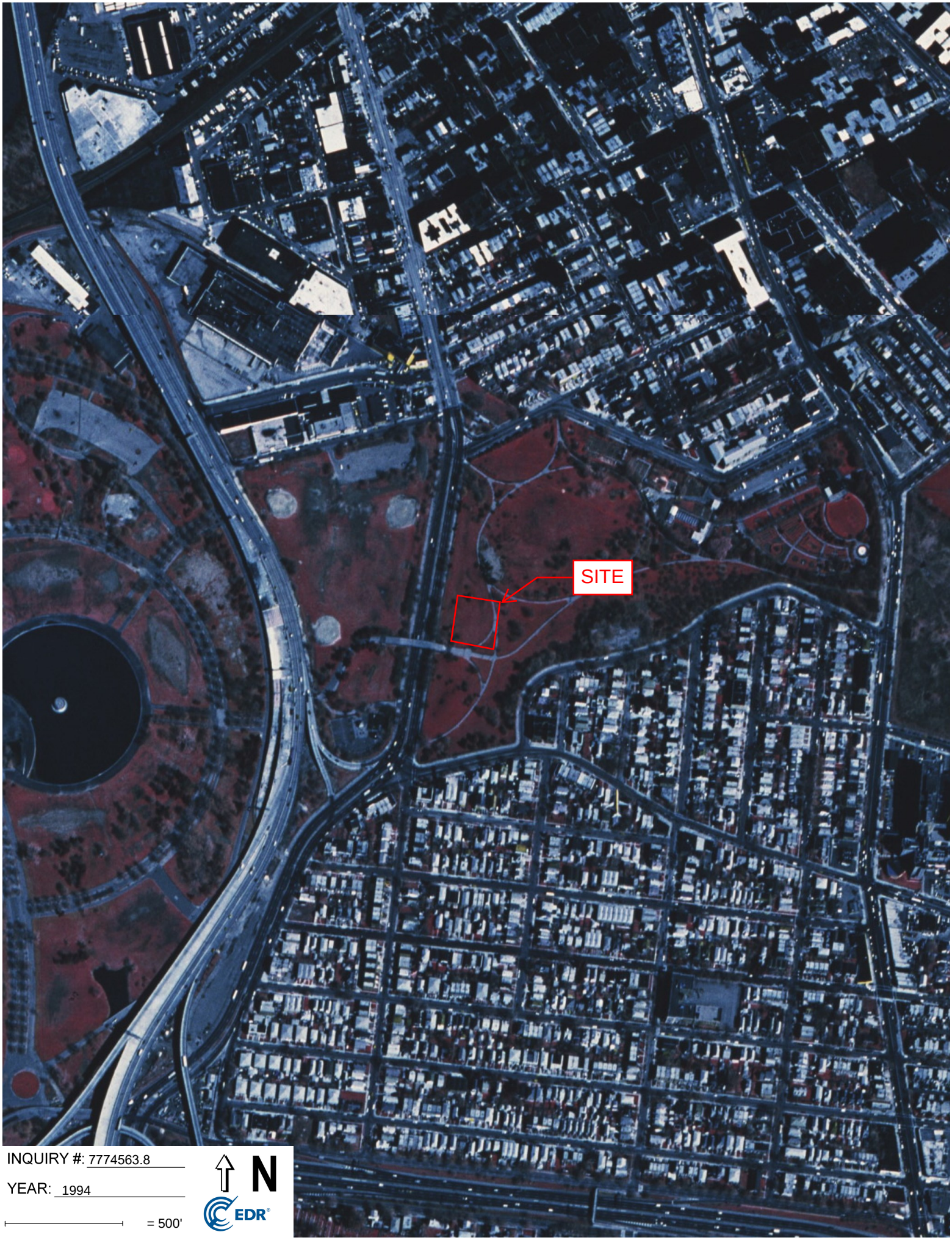
INQUIRY #: 7774563.8

YEAR: 1985

= 500'

N

EDR



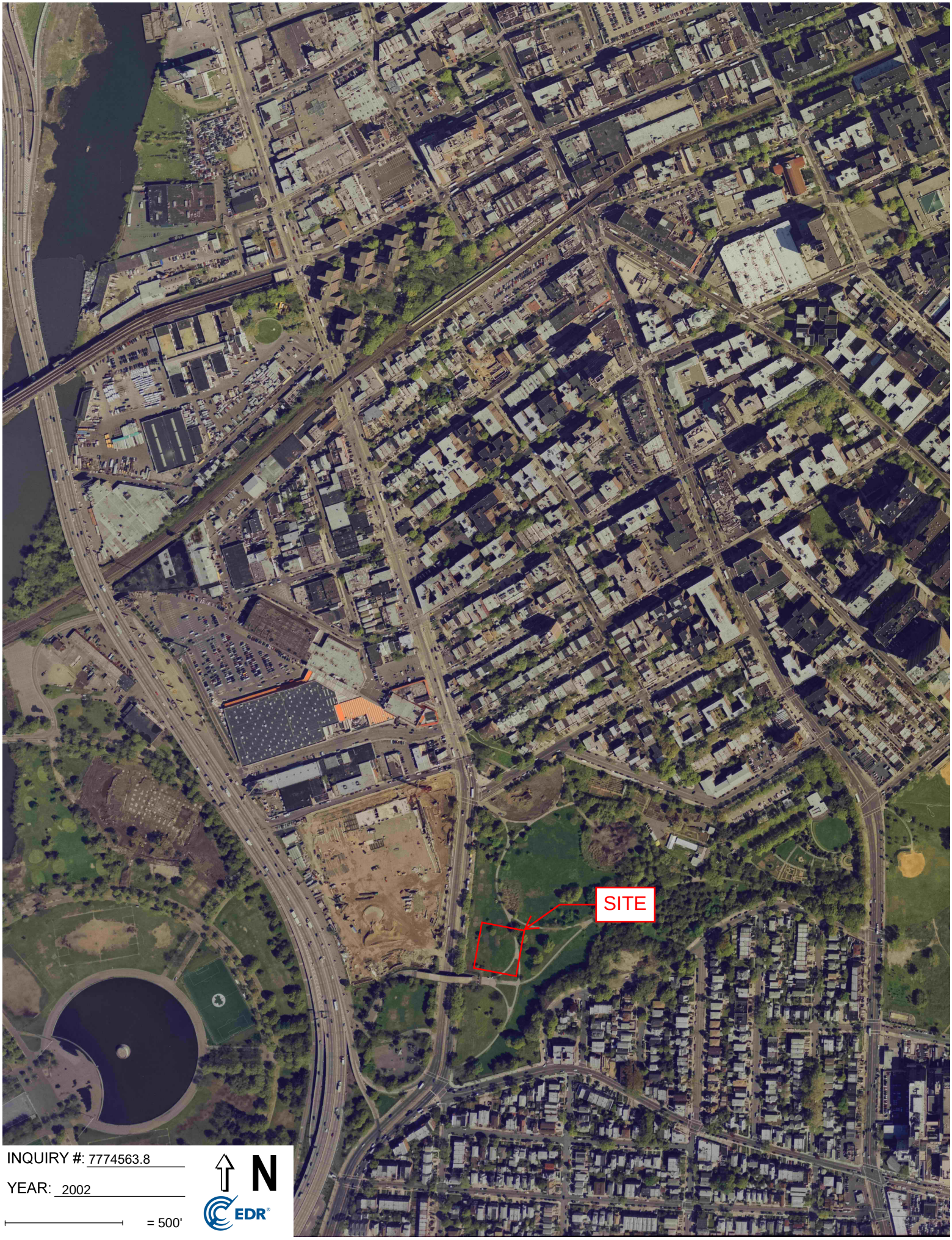
INQUIRY #: 7774563.8

YEAR: 1994

= 500'

N

EDR



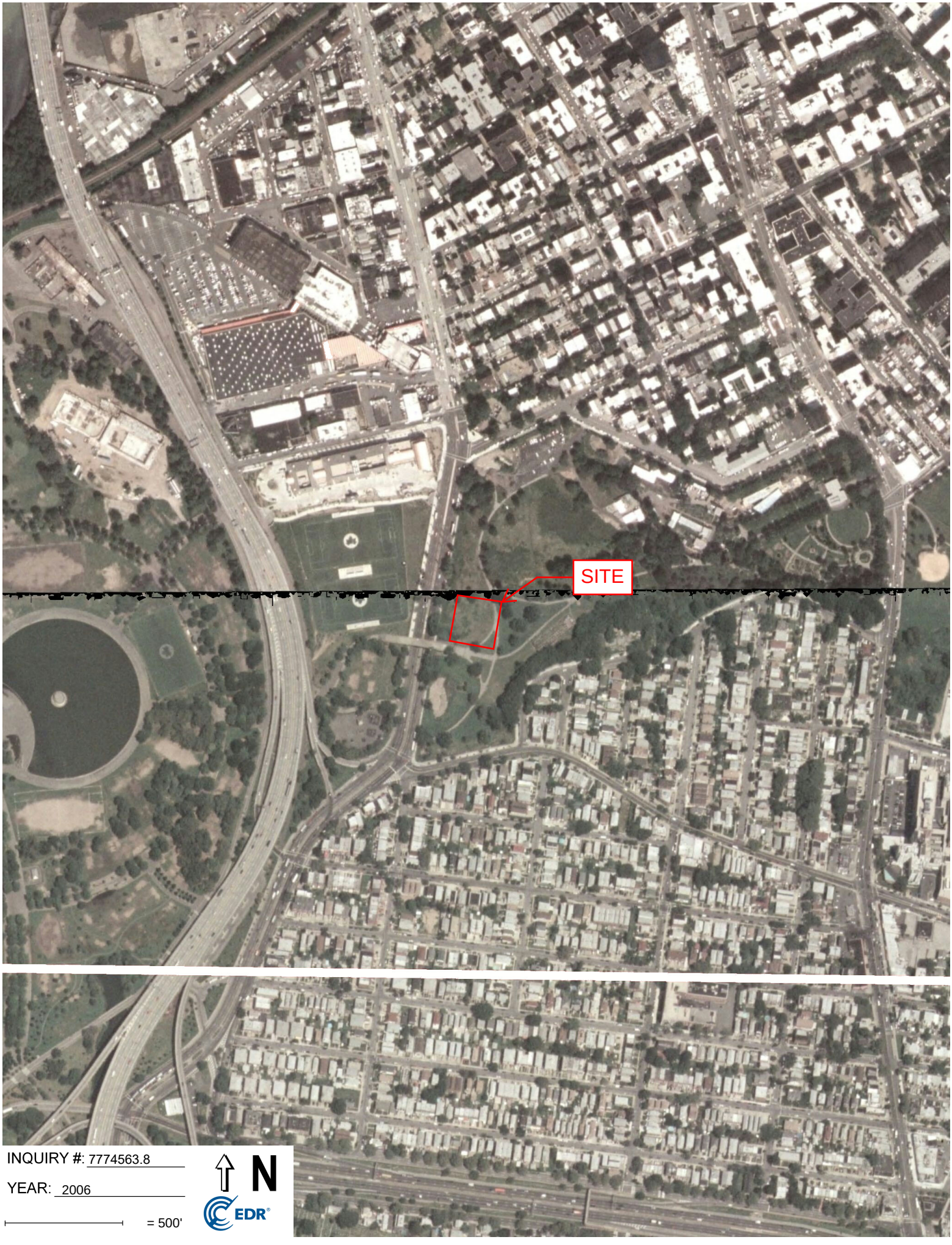
INQUIRY #: 7774563.8

YEAR: 2002

= 500'

N

EDR



INQUIRY #: 7774563.8

YEAR: 2006

= 500'

N

EDR

INQUIRY #: 7774563.8

YEAR: 2011

= 500'

N

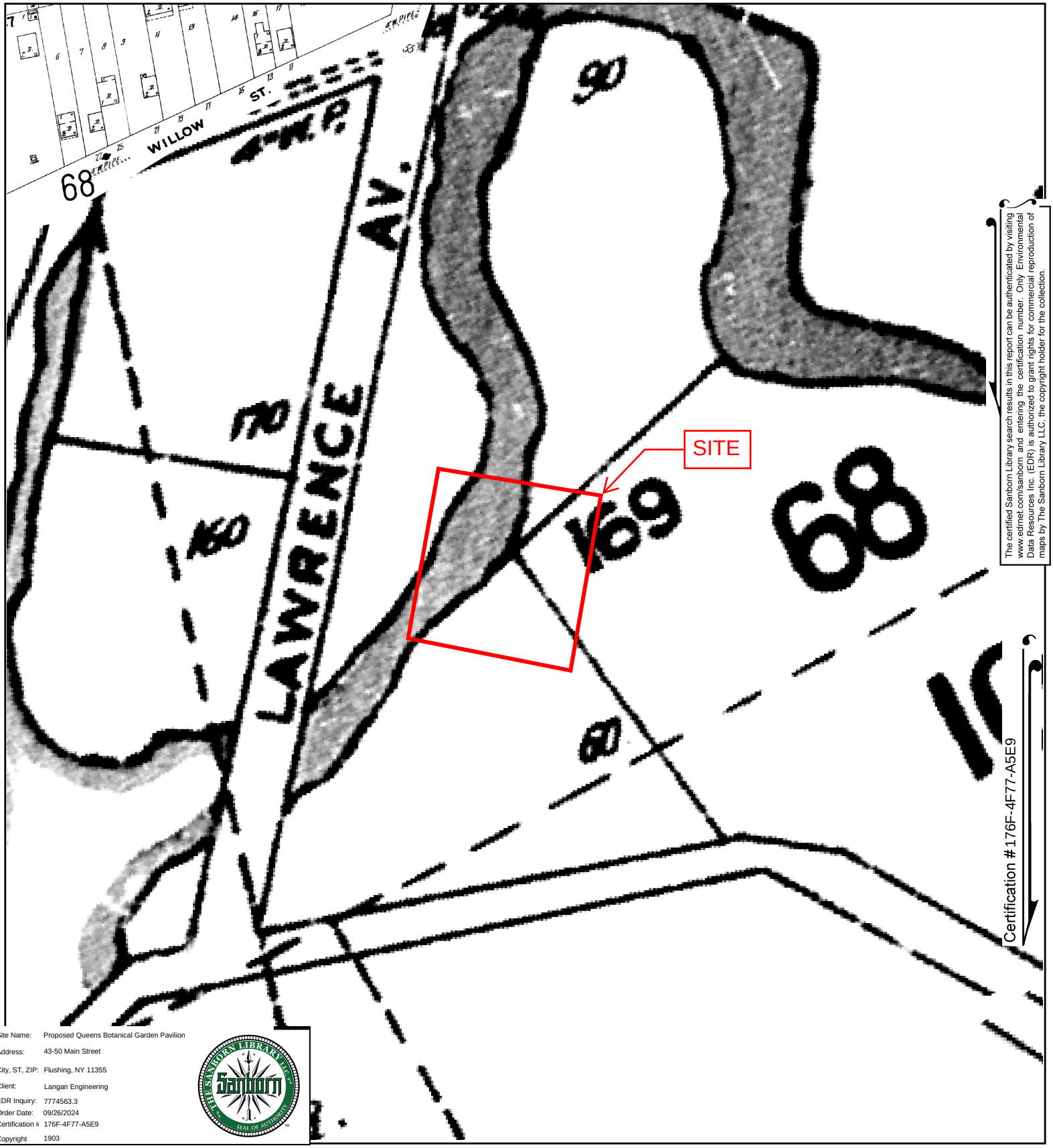
EDR

SITE
INQUIRY #: 7774563.8
YEAR: 2015
= 500'
N
EDR

SITE
INQUIRY #: 7774563.8
YEAR: 2019
= 500'
N
EDR

APPENDIX C

Historic Sanborn Maps



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Certification #176F-4F77-A5E9

Site Name:	Proposed Queens Botanical Garden Pavilion
Address:	43-50 Main Street
City, ST, ZIP:	Flushing, NY 11355
Client:	Langan Engineering
EDR Inquiry:	7774563.3
Order Date:	09/26/2024
Certification #	176F-4F77-A5E9
Copyright	1903

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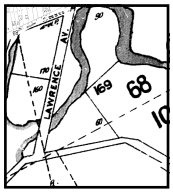
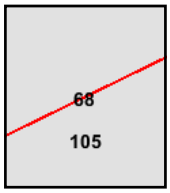
Outlined areas indicate map sheets within the collection.

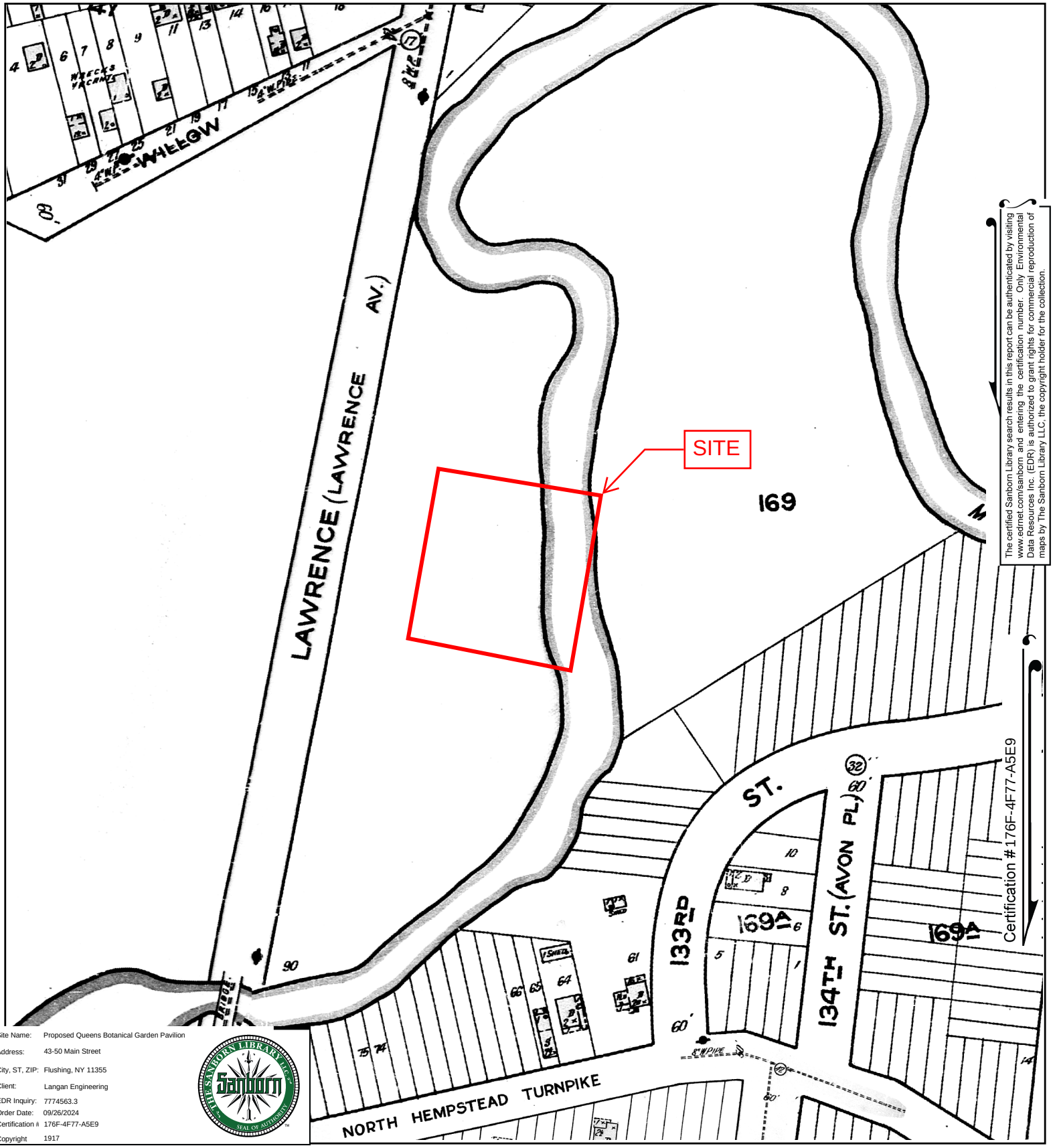




Volume 5, Sheet 105
Volume 5, Sheet 68

0 Feet 150 300 600

N



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City, ST, ZIP:	Flushing, NY 11355
Client:	Langan Engineering
EDR Inquiry:	7774563.3
Order Date:	09/26/2024
Certification #:	176F-4F77-A5E9
Copyright	1917

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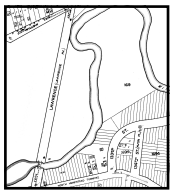

Volume 11, Sheet 73
Volume 11, Sheet 54
Volume 11, Sheet 53

0 Feet 150 300 600

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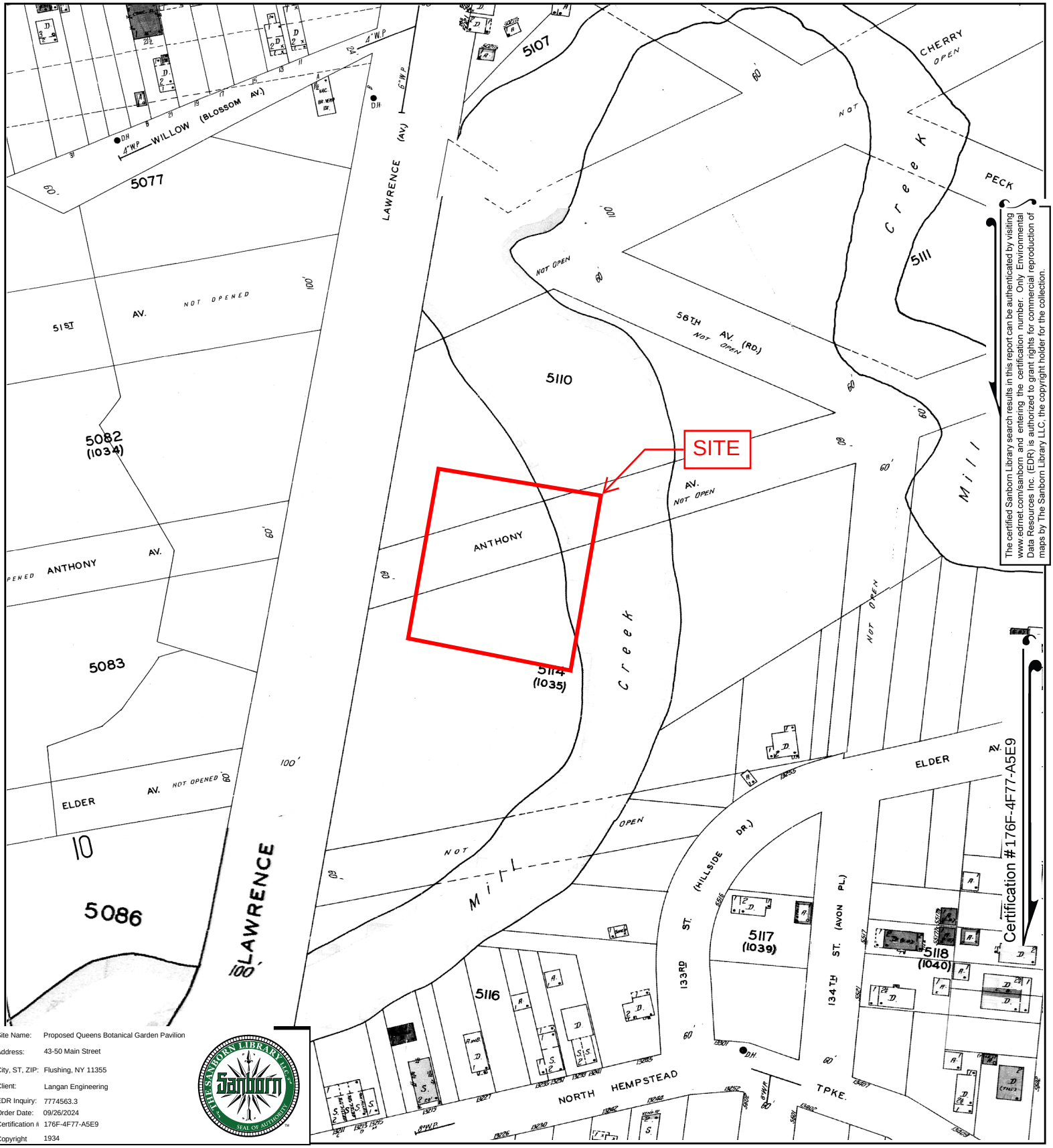

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Site Name:	Proposed Queens Botanical Garden Pavilion
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City, ST, ZIP:	Flushing, NY 11355
Client:	Langan Engineering
EDR Inquiry:	7774563.3
Order Date:	09/26/2024
Certification #:	176F-4F77-A5E9
Copyright	1934

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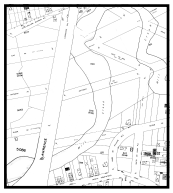

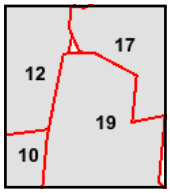

Volume 11, Sheet 10
Volume 11, Sheet 17
Volume 11, Sheet 12
Volume 11, Sheet 19

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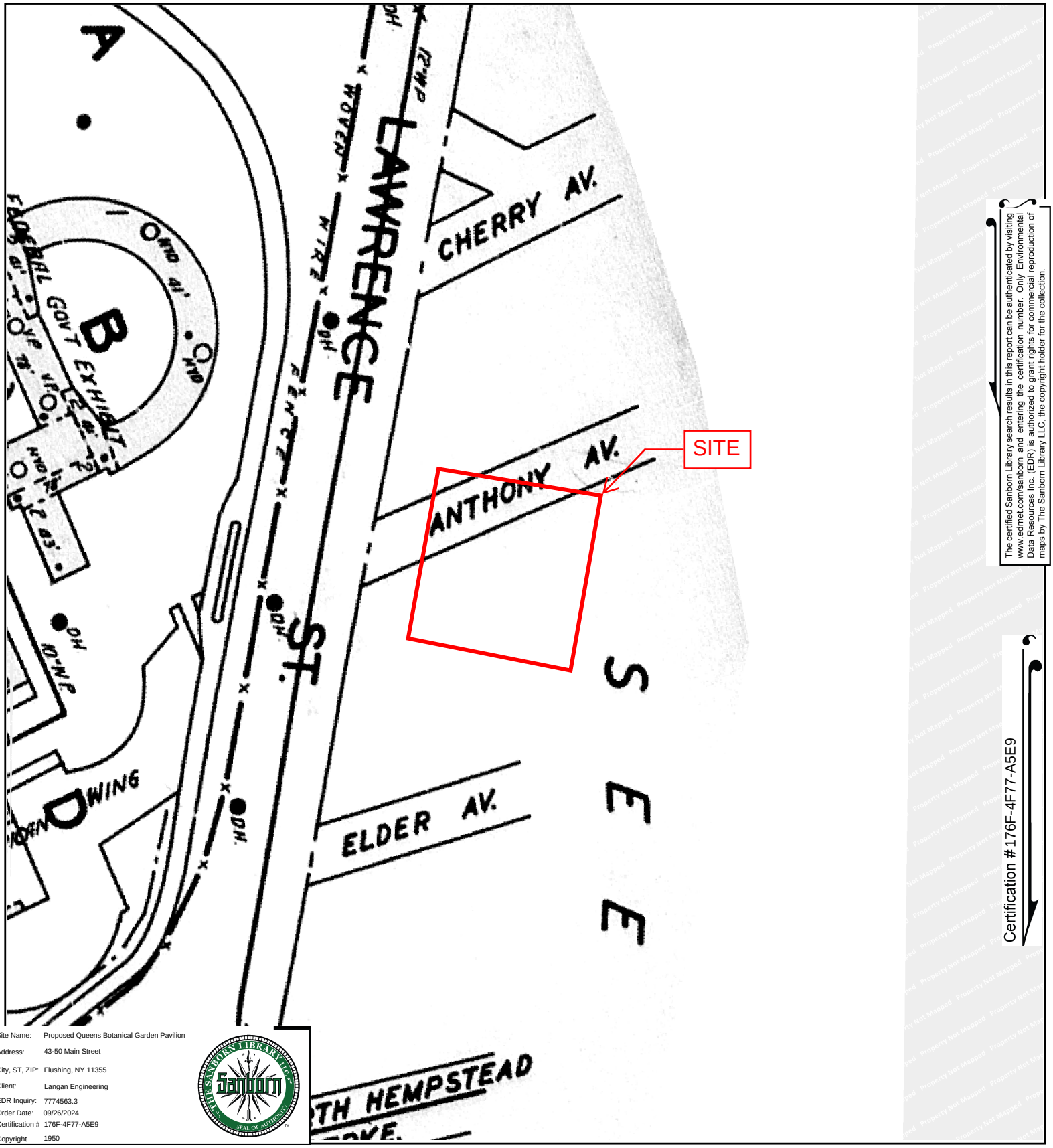

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Certification #176F-4F77-A5E9

Site Name:	Proposed Queens Botanical Garden Pavilion
Address:	43-50 Main Street
City, ST, ZIP:	Flushing, NY 11355
Client:	Langan Engineering
EDR Inquiry:	7774563.3
Order Date:	09/26/2024
Certification #:	176F-4F77-A5E9
Copyright	1950

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

Volume 19, Sheet 24

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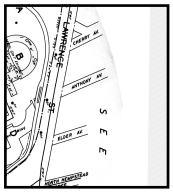

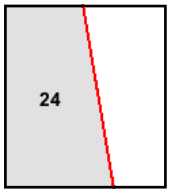

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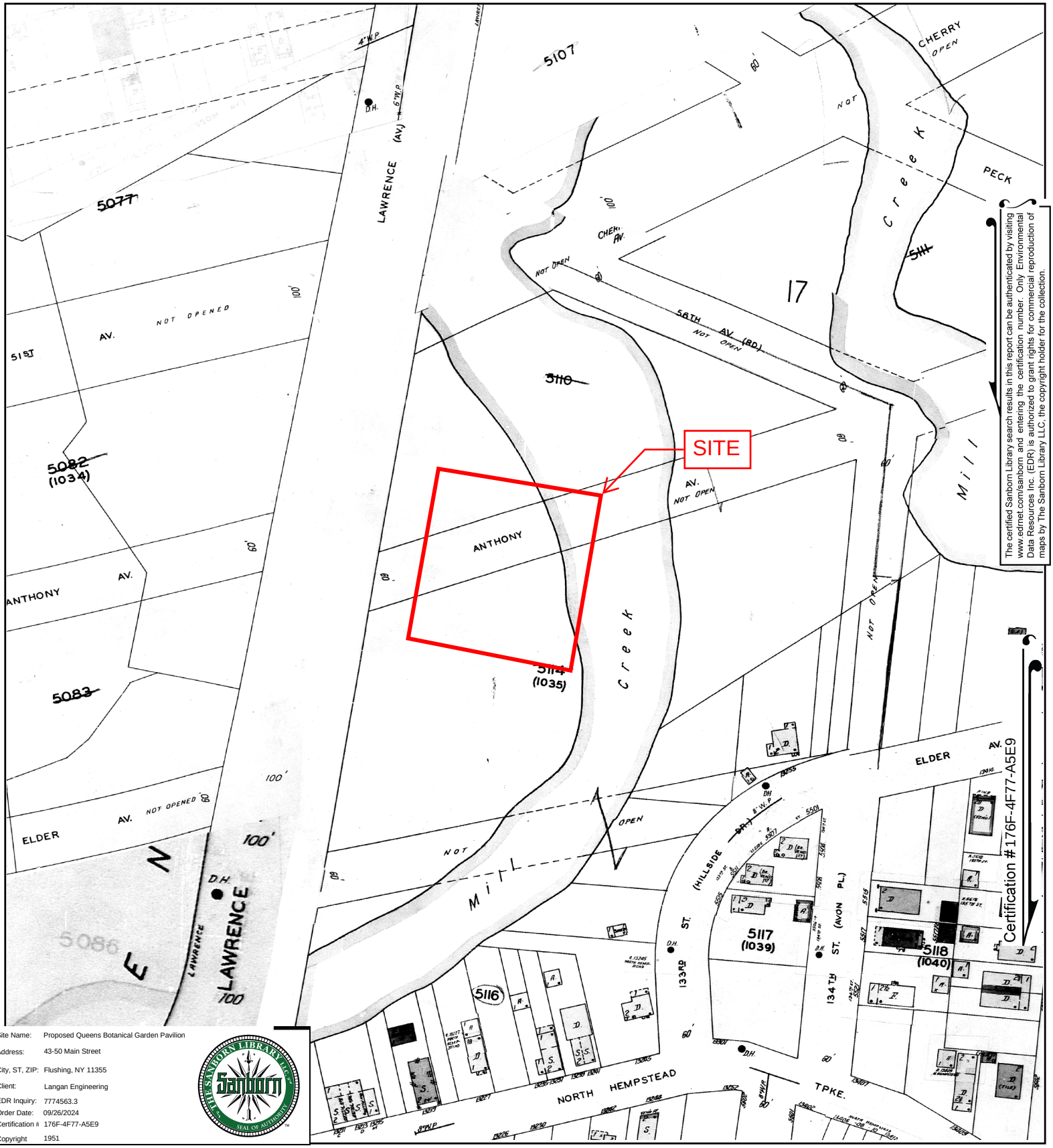

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Certification #176F-4F77-A5E9

Site Name:	Proposed Queens Botanical Garden Pavilion
Address:	43-50 Main Street
City, ST, ZIP:	Flushing, NY 11355
Client:	Langan Engineering
EDR Inquiry:	7774563.3
Order Date:	09/26/2024
Certification #:	176F-4F77-A5E9
Copyright	1951

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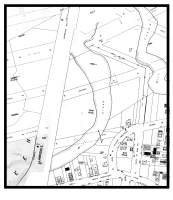

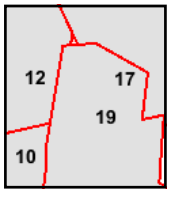

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Volume 11, Sheet 17
Volume 11, Sheet 10

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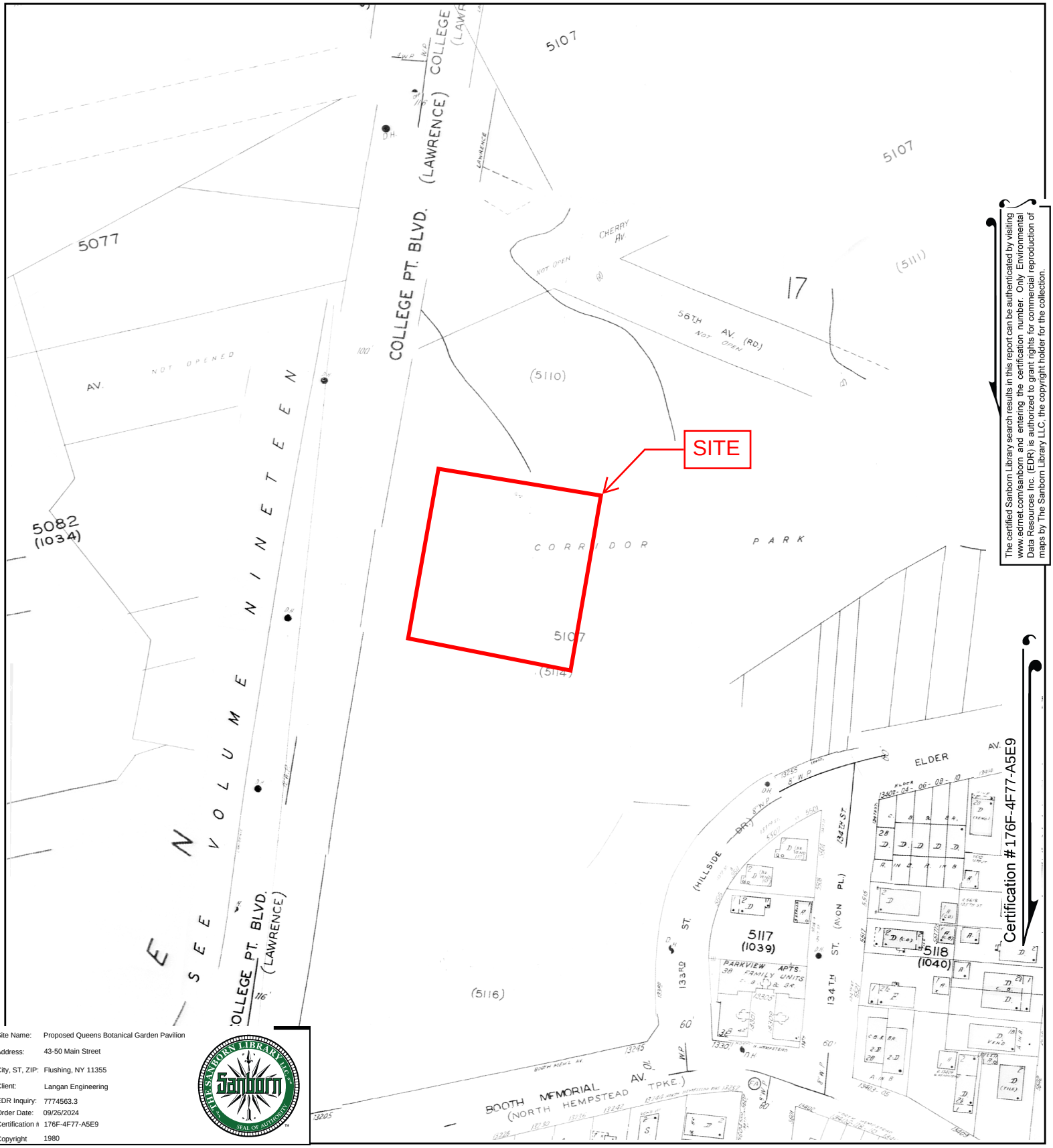

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Copyright	1980

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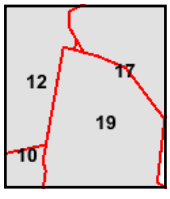

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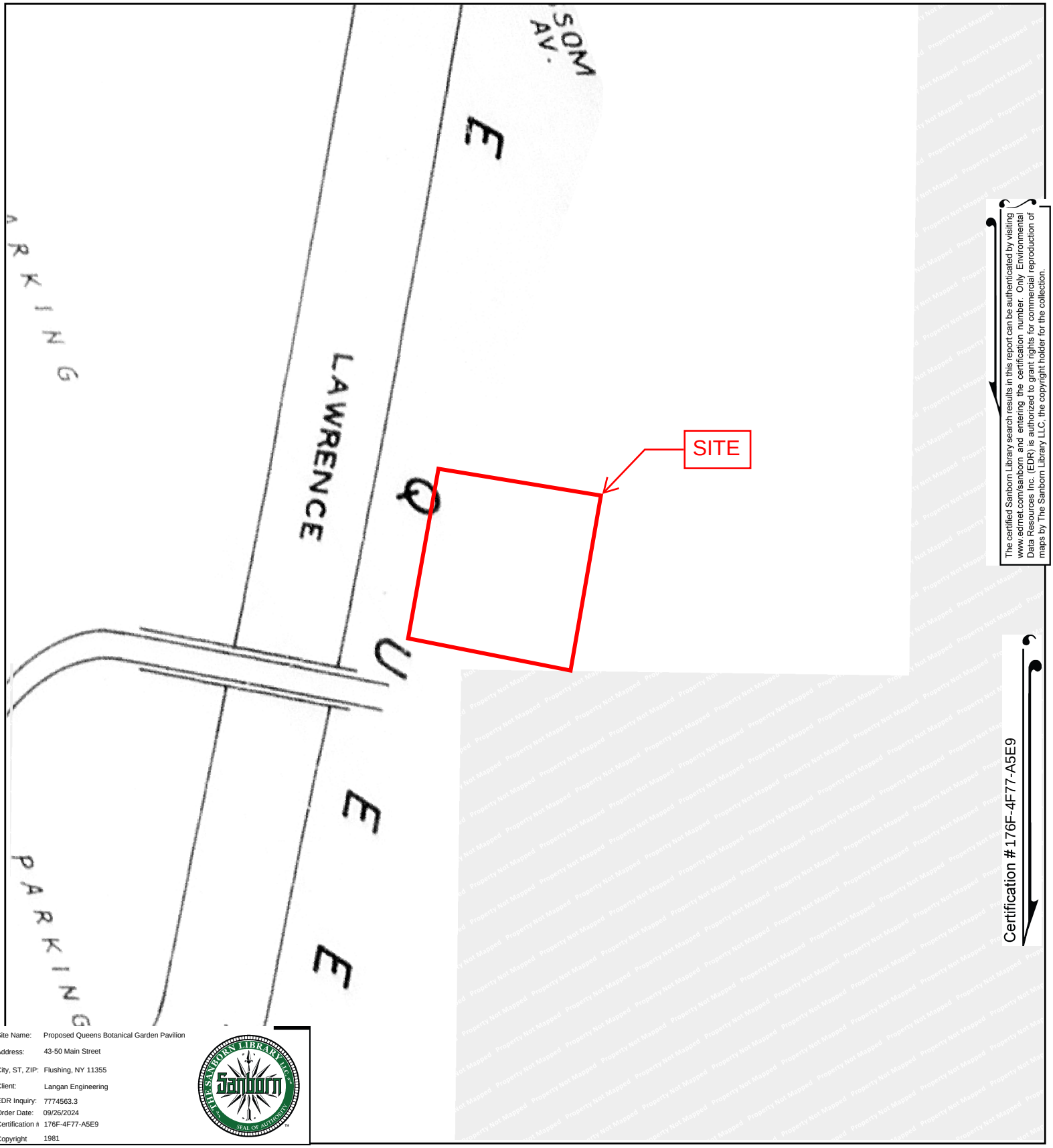

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Copyright	1981

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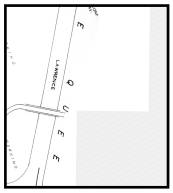

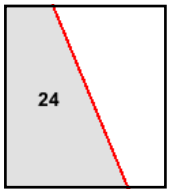

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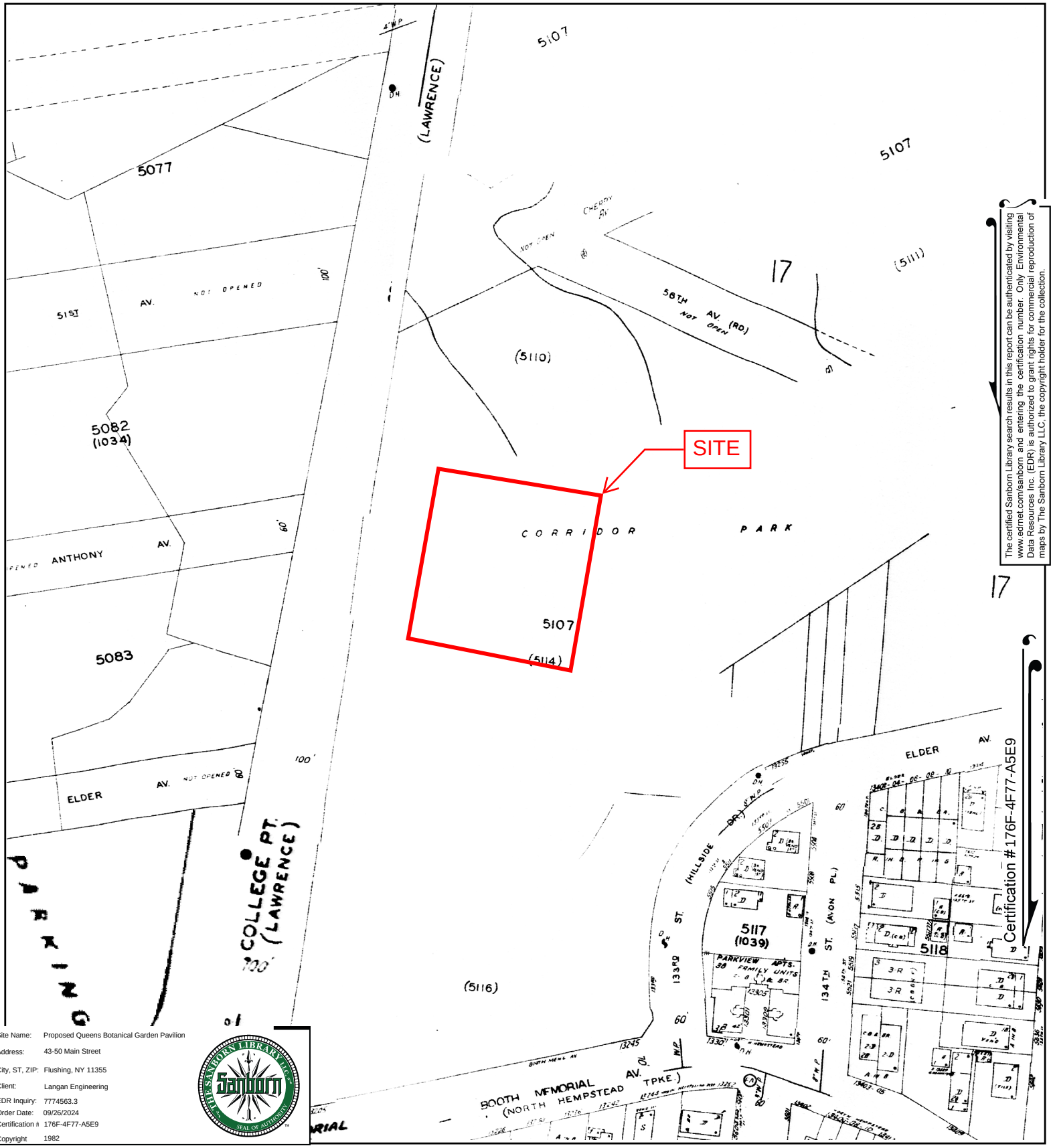

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Copyright	1982

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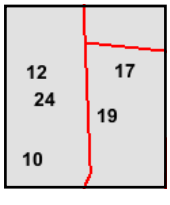

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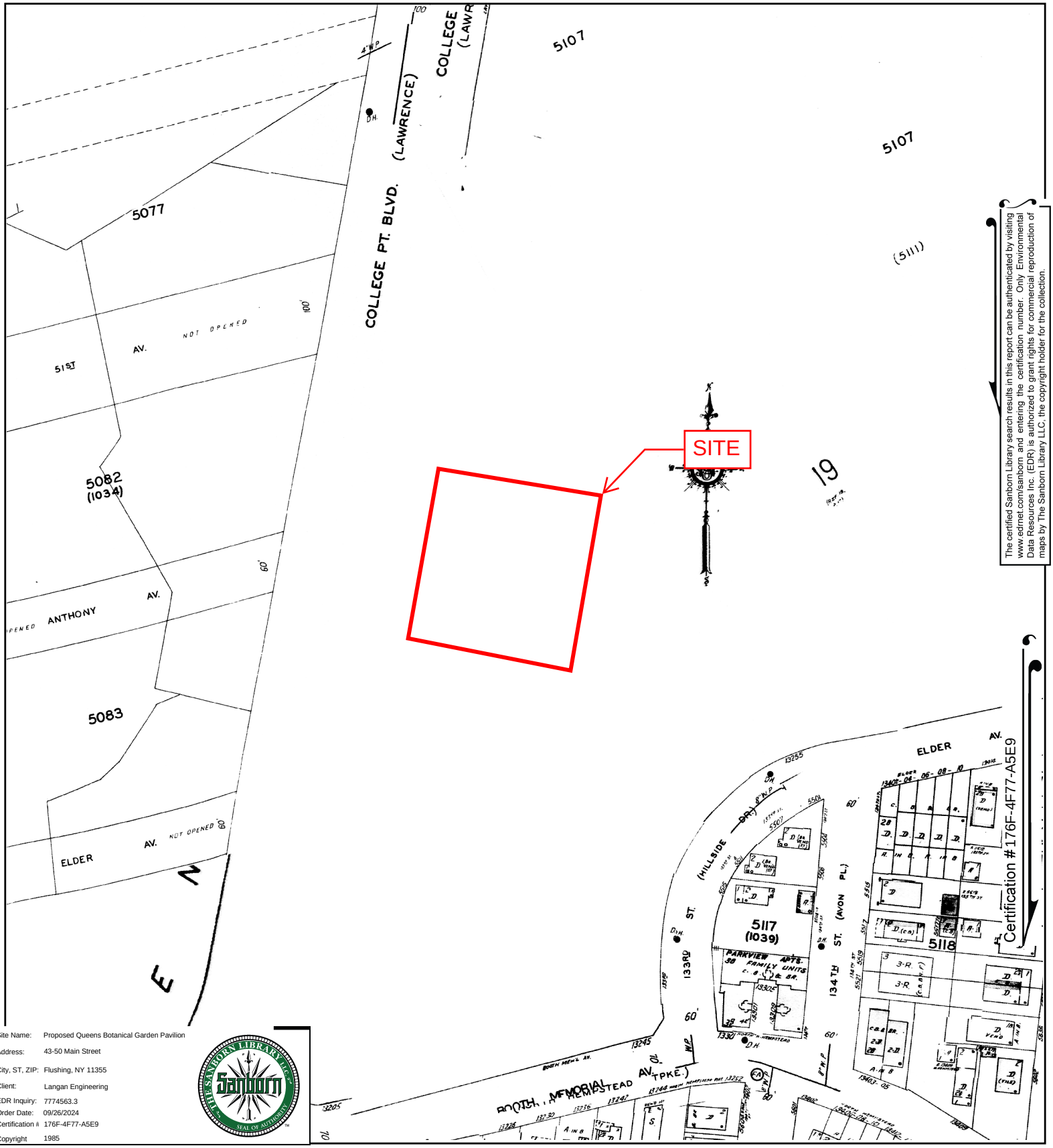

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Copyright	1985

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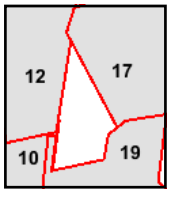

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Volume 11, Sheet 12
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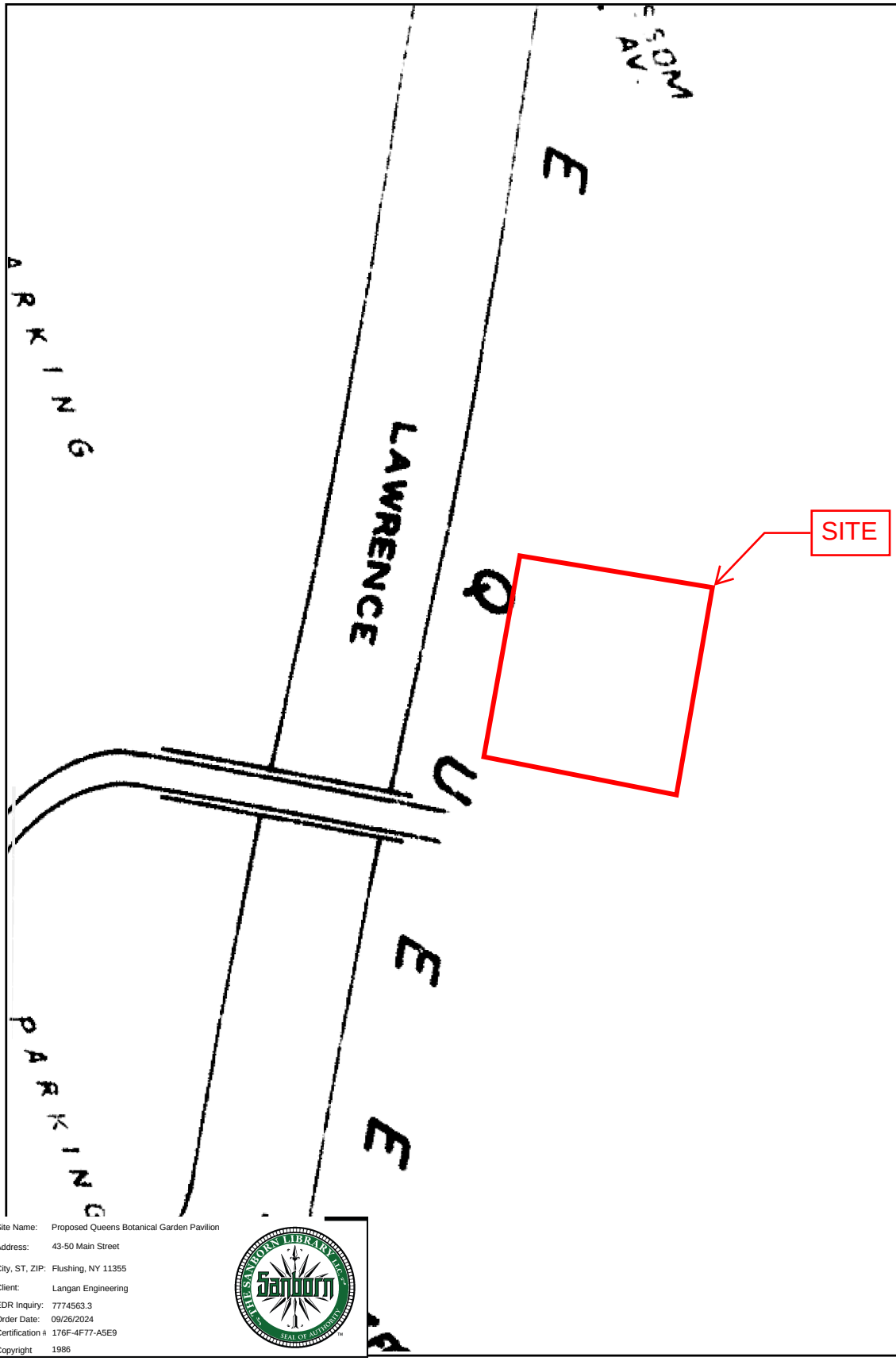

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Copyright	1986

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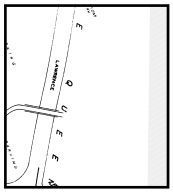

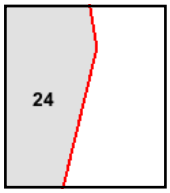

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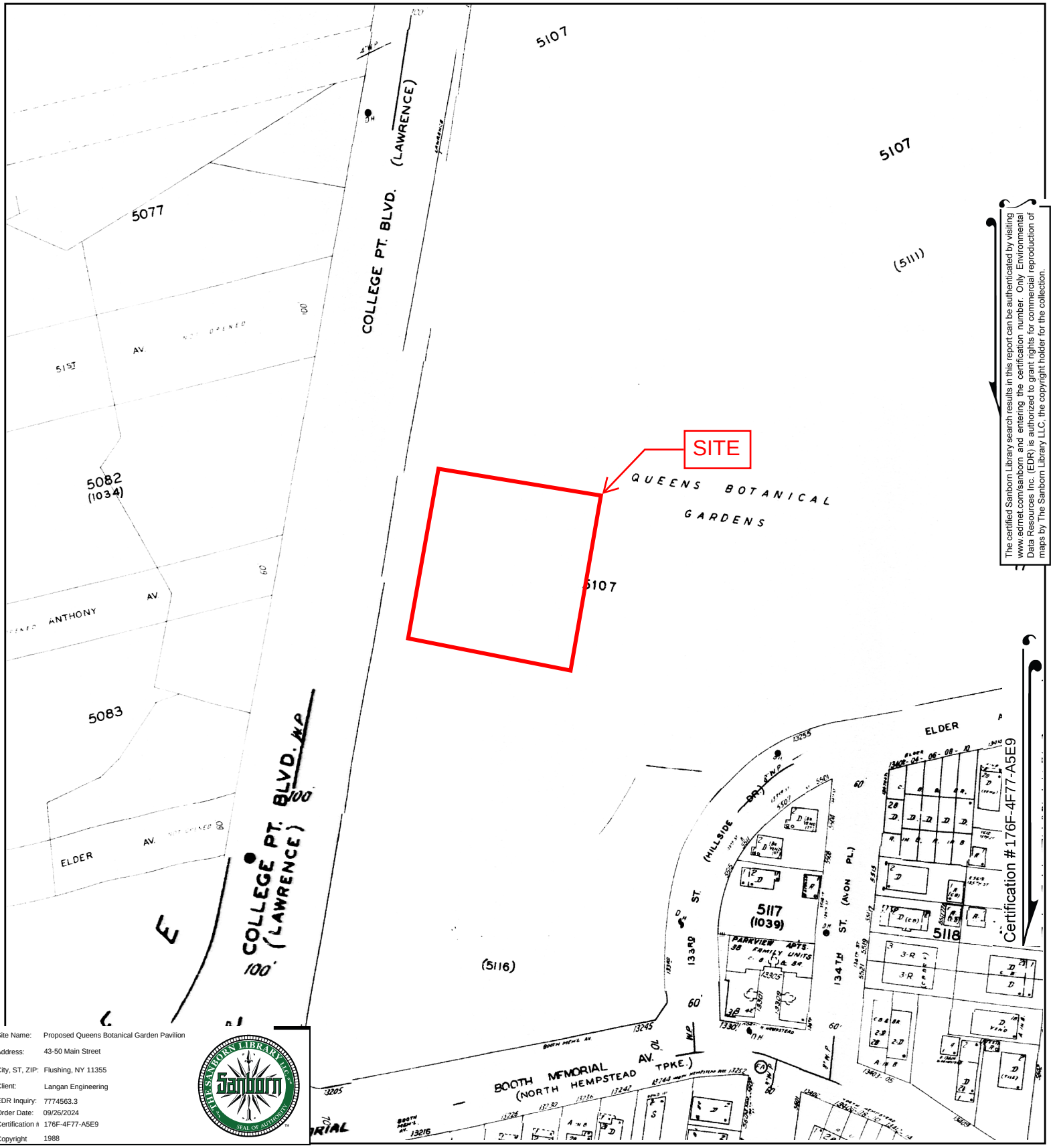

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Copyright	1988

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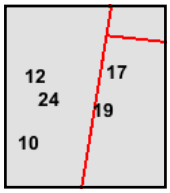

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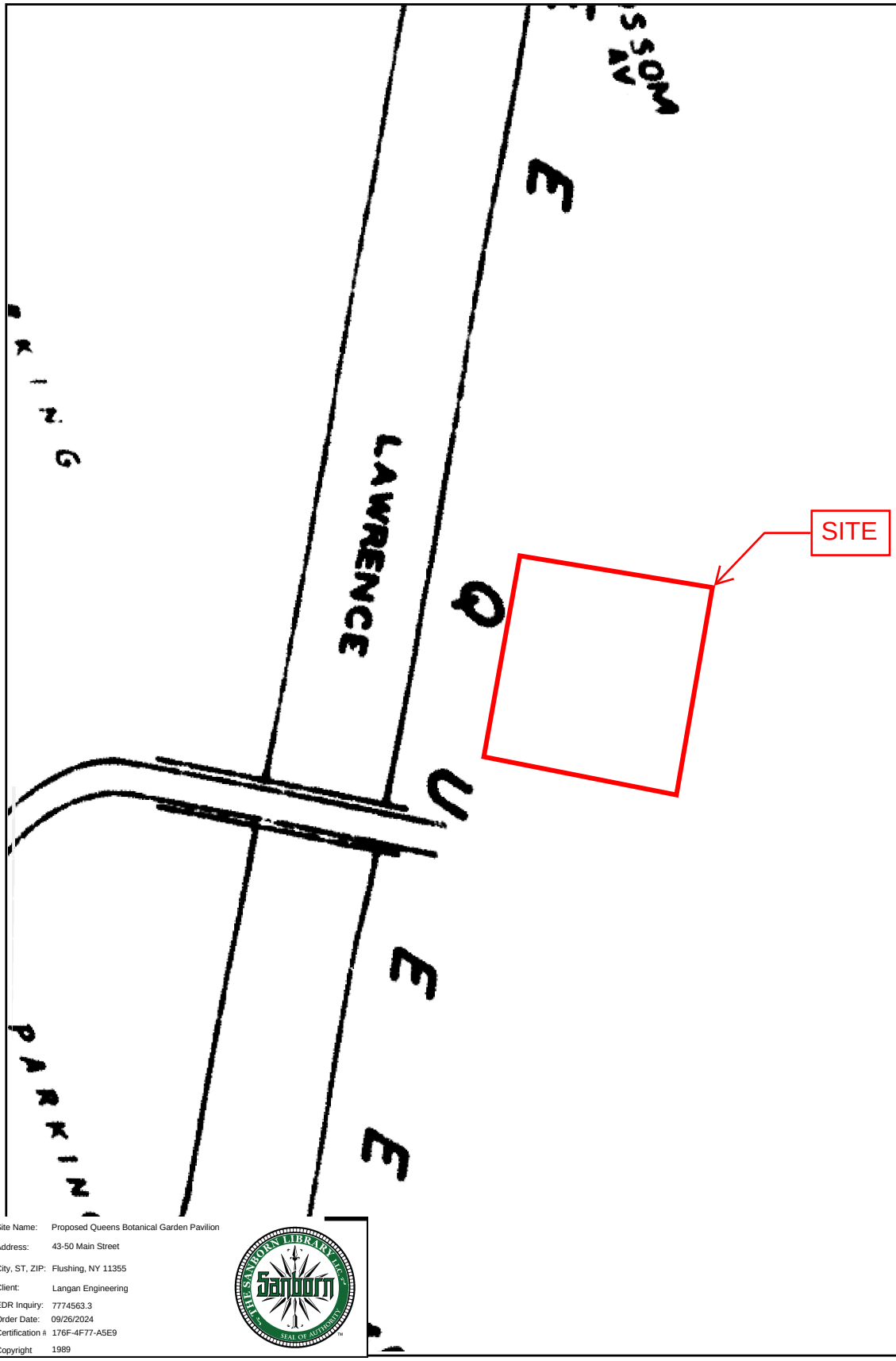

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Copyright	1989

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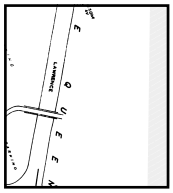

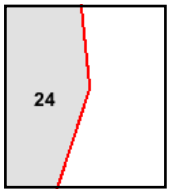

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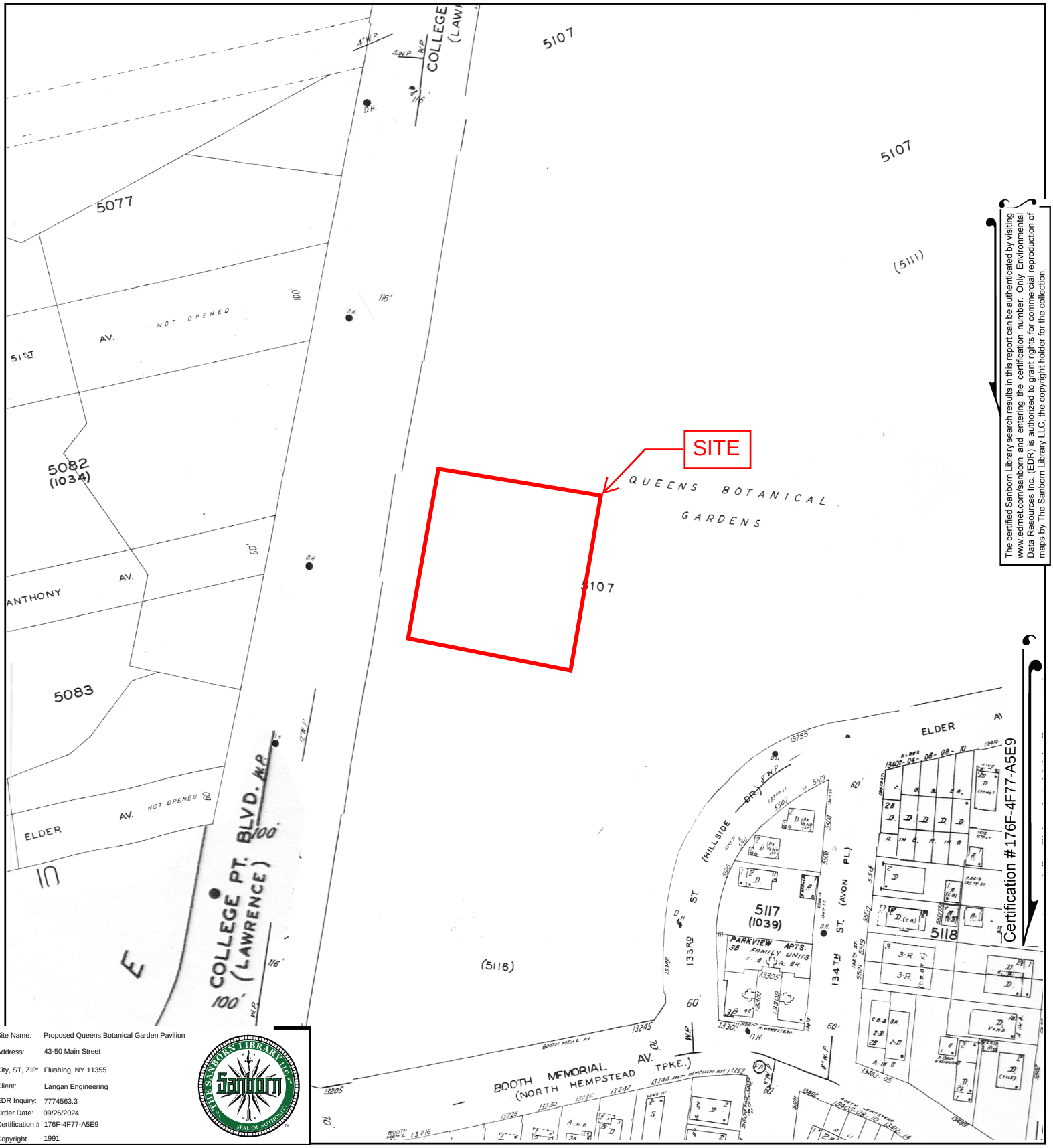

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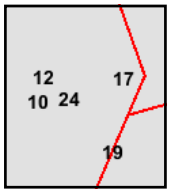

Volume 11, Sheet 19
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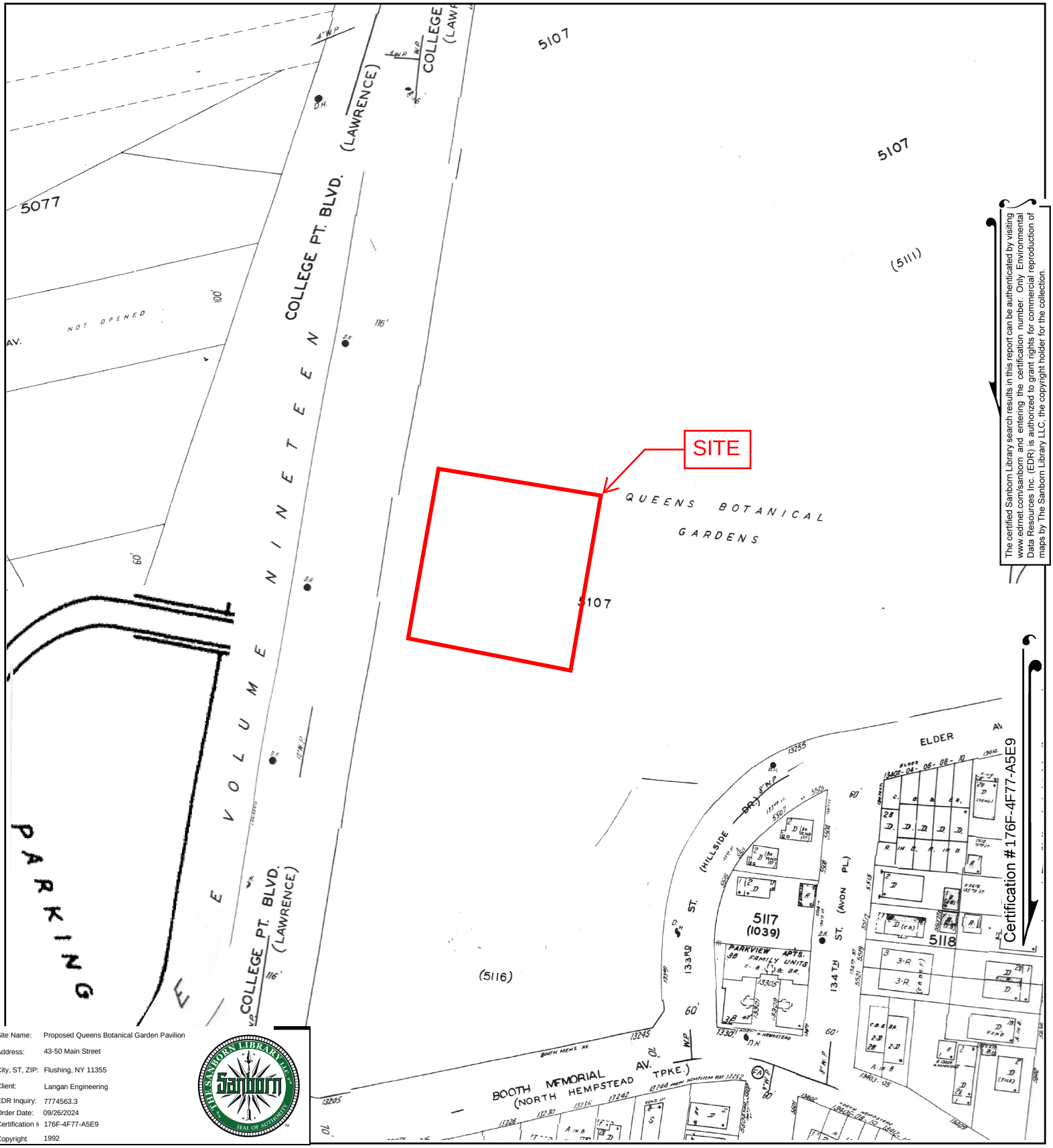

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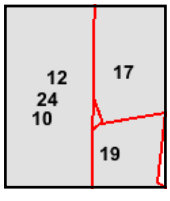

Volume 11, Sheet 10
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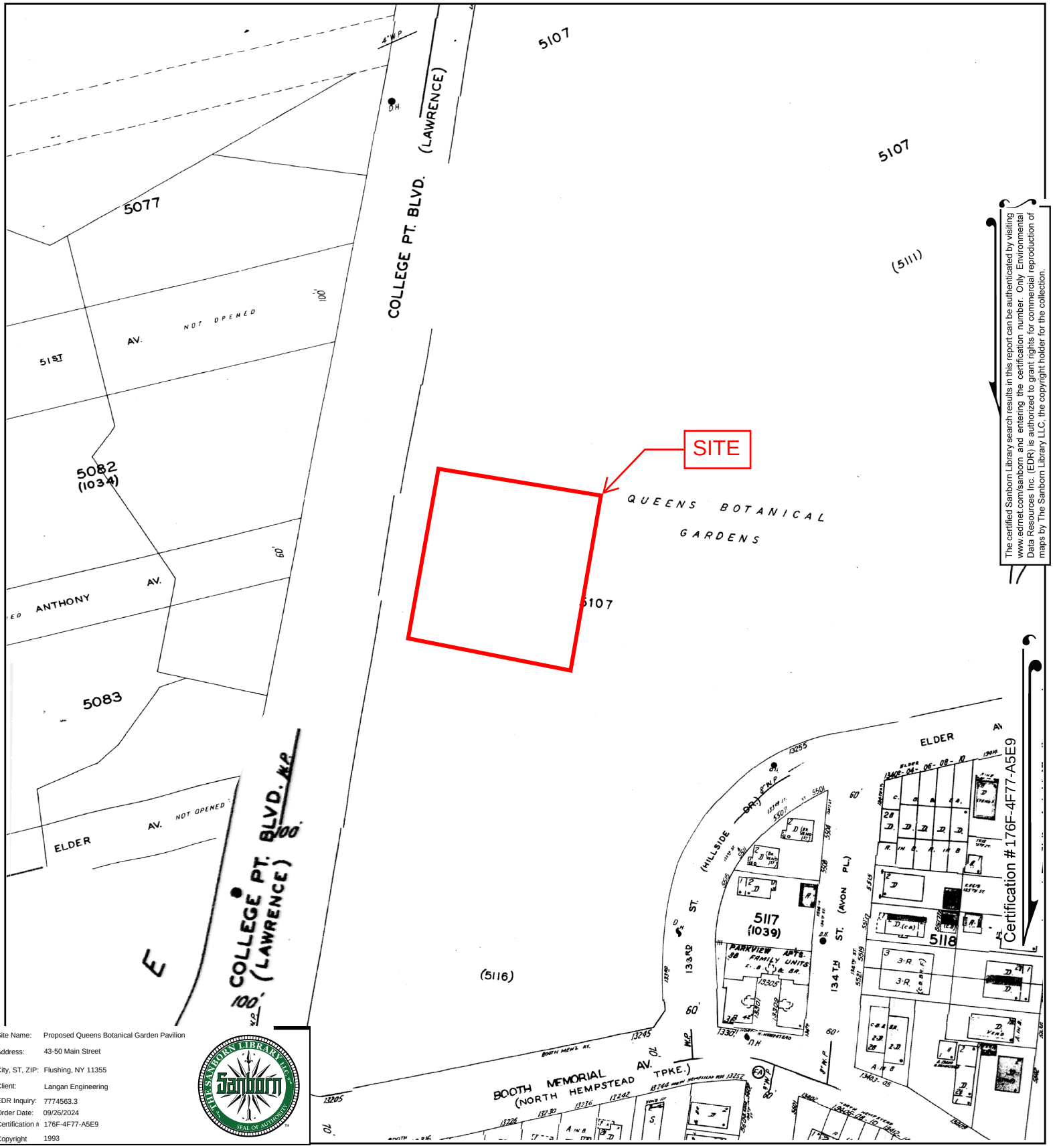

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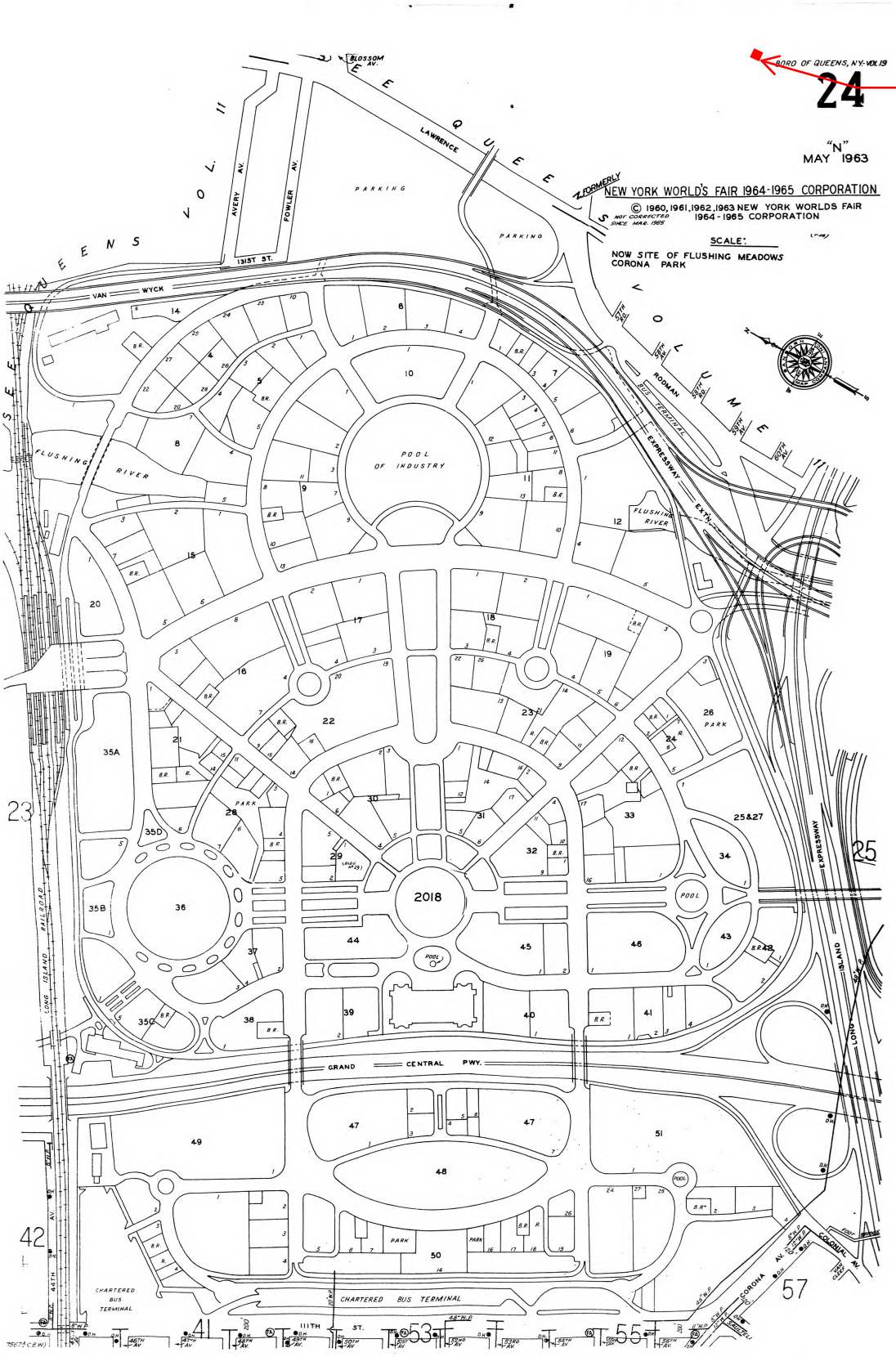

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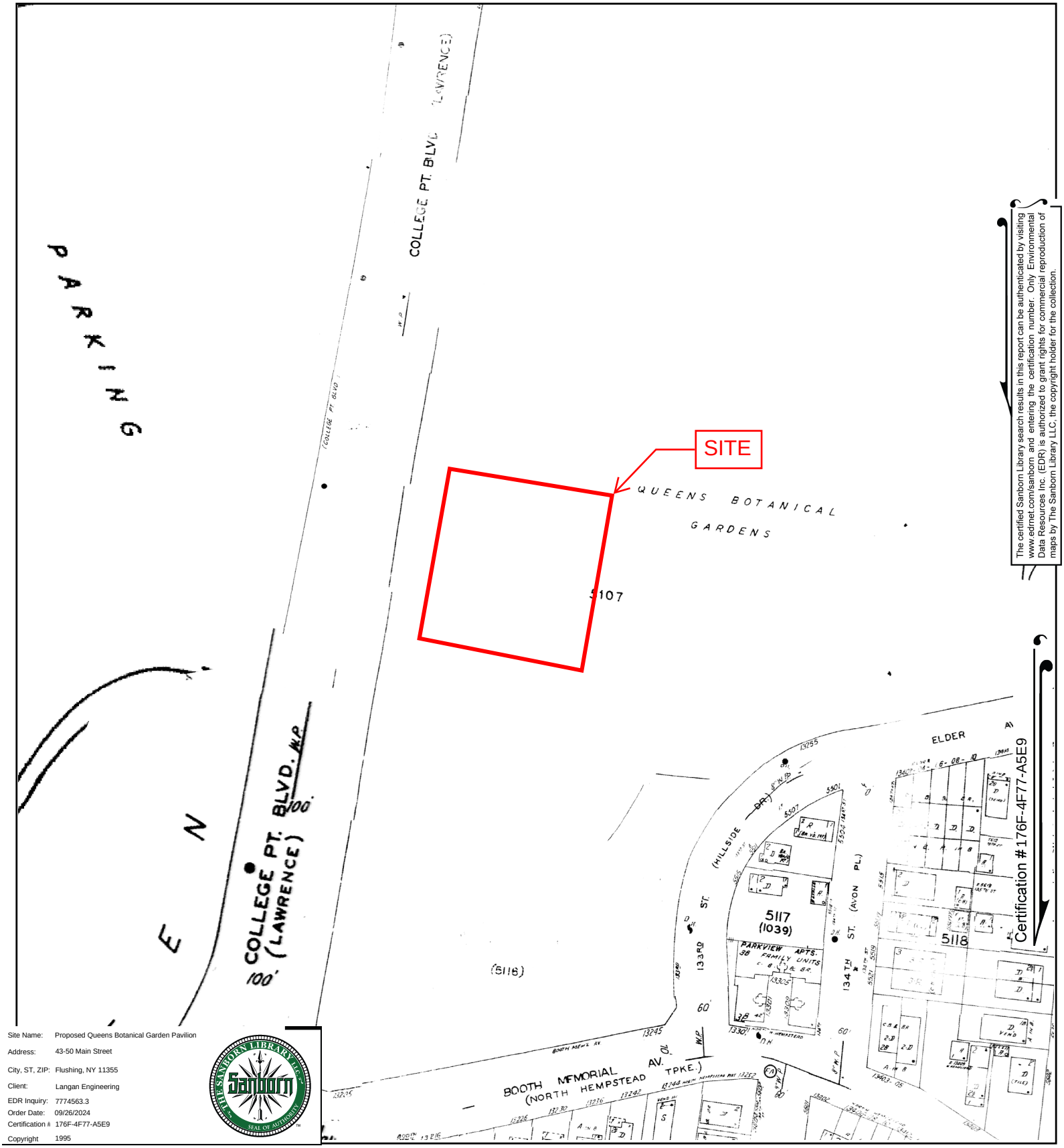
Copyright 1994



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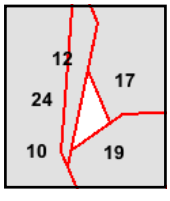

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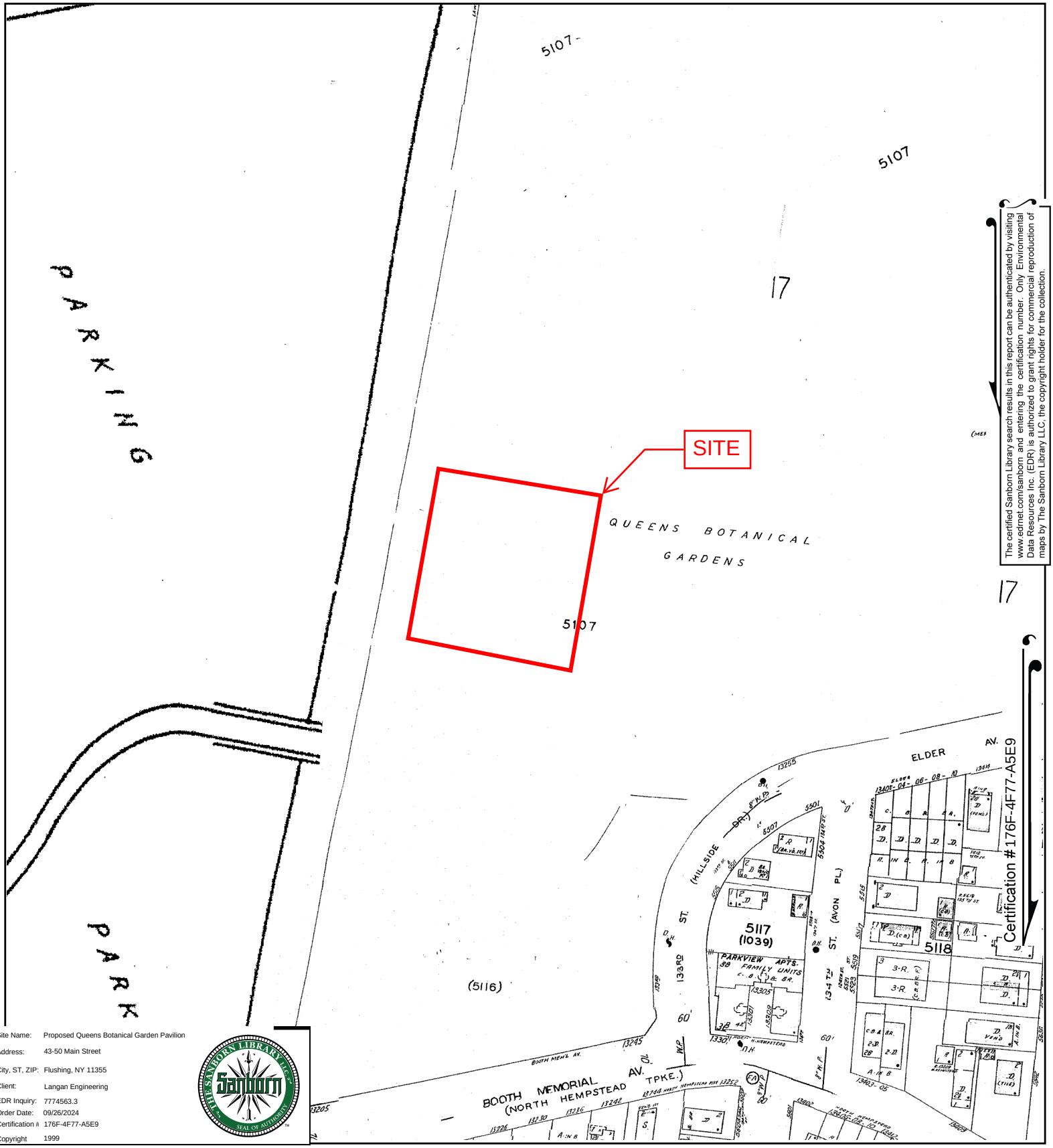

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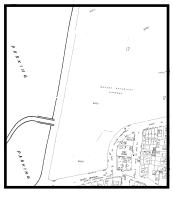

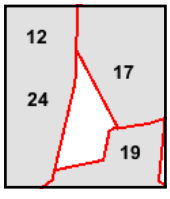

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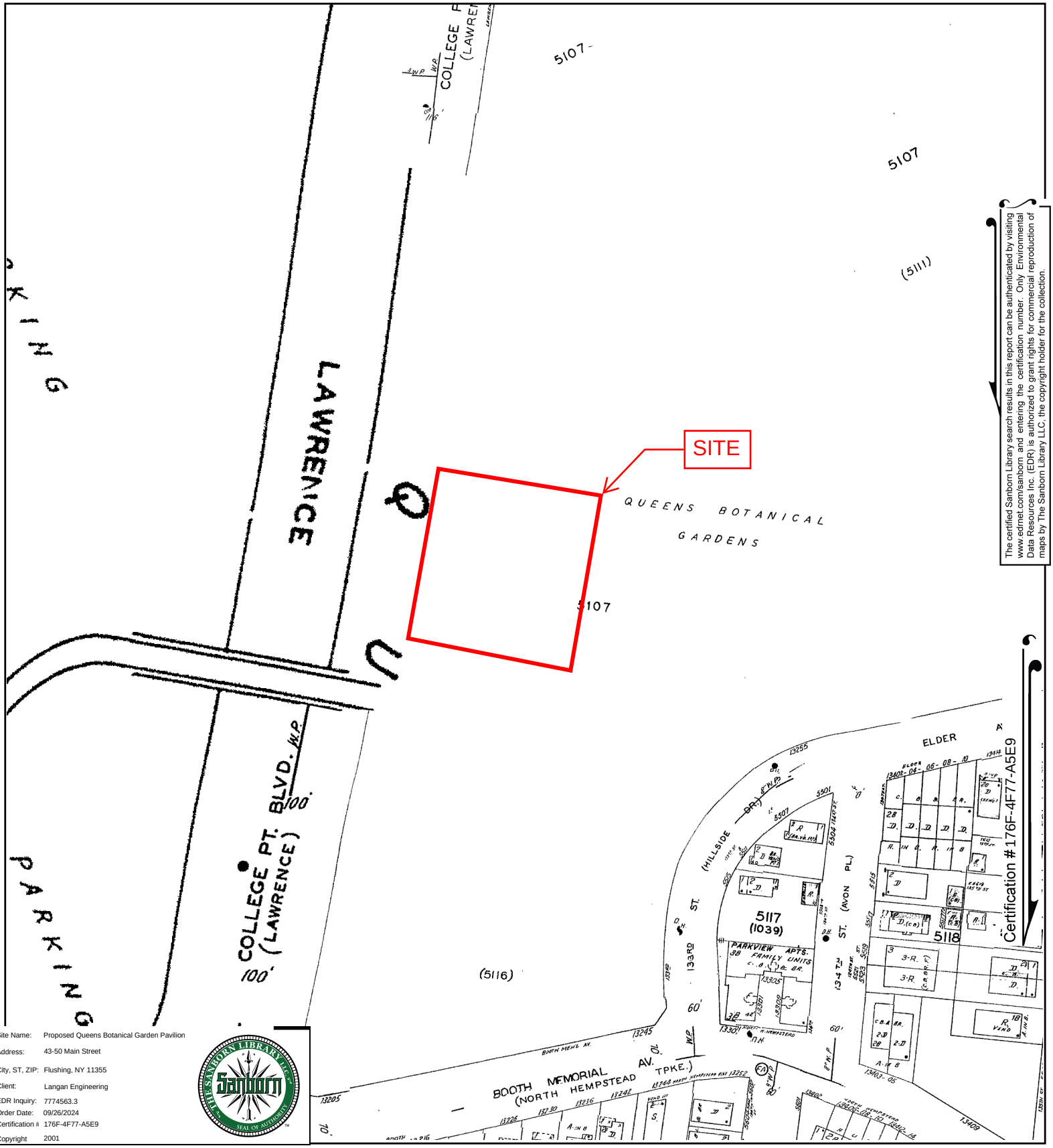

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Copyright	2001

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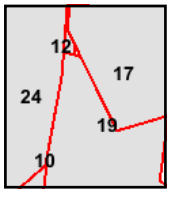

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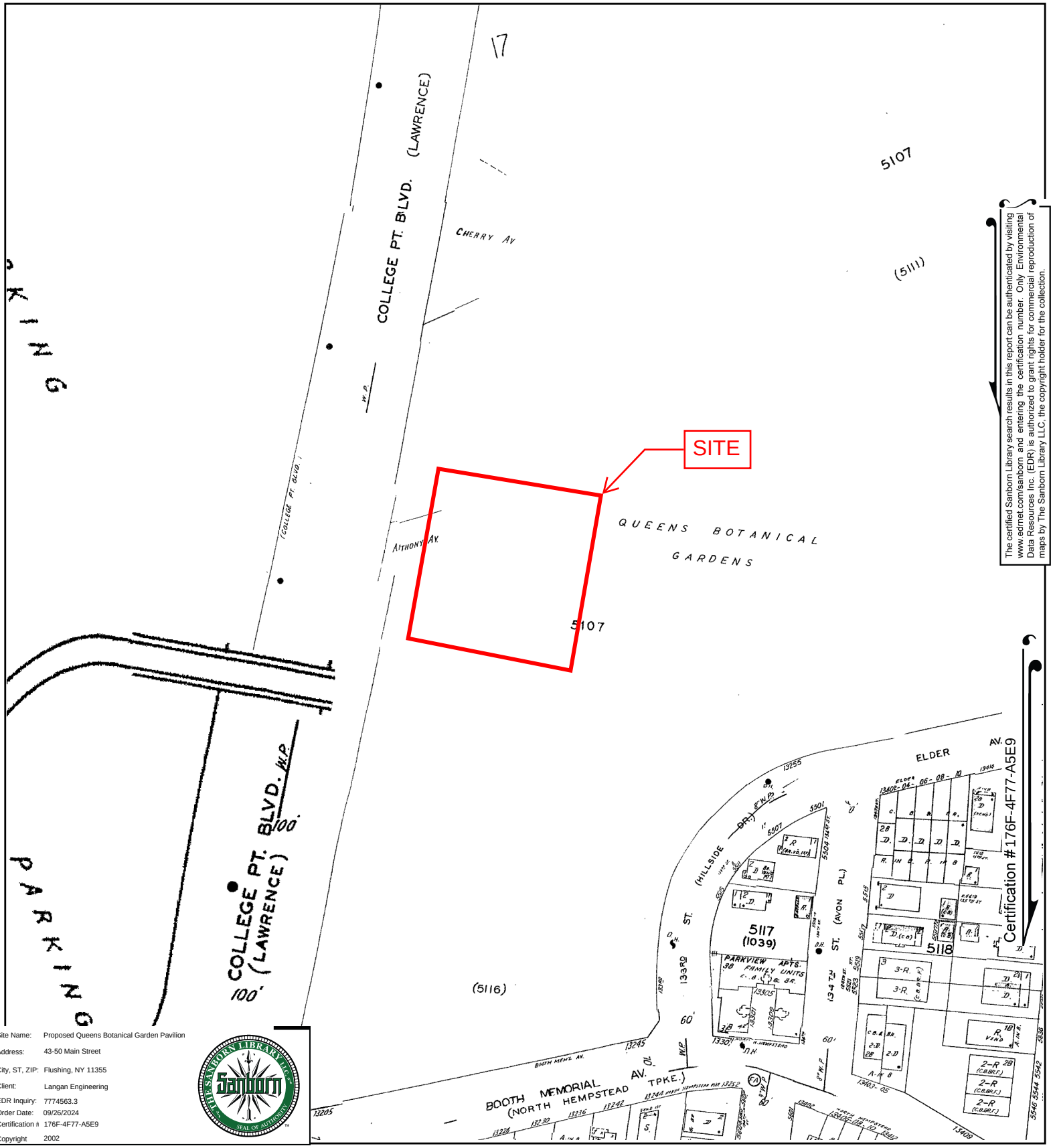

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Client:	Langan Engineering
EDR Inquiry:	7774563.3
Order Date:	09/26/2024
Certification #:	176F-4F77-A5E9
Copyright	2002

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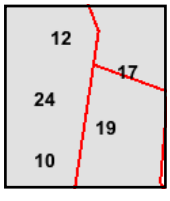

Volume 19, Sheet 24
Volume 11, Sheet 19
Volume 11, Sheet 17
Volume 11, Sheet 12
Volume 11, Sheet 10

0 Feet 150 300 600

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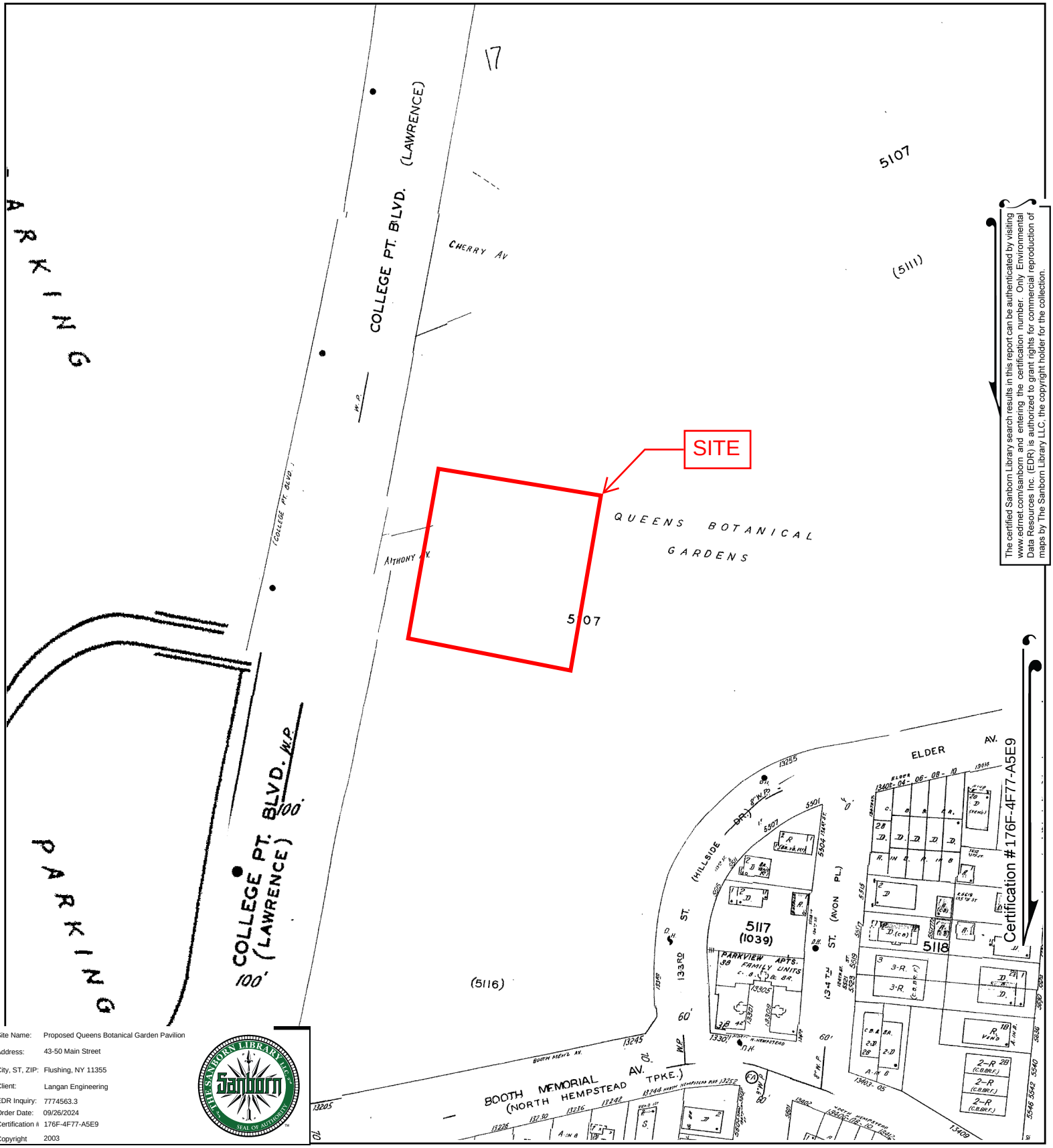

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Site Name:	Proposed Queens Botanical Garden Pavilion
Address:	43-50 Main Street
City, ST, ZIP:	Flushing, NY 11355
Client:	Langan Engineering
EDR Inquiry:	7774563.3
Order Date:	09/26/2024
Certification #:	176F-4F77-A5E9
Copyright	2003

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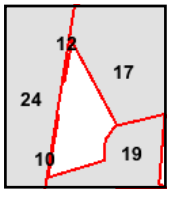

Volume 11, Sheet 10
Volume 11, Sheet 19
Volume 11, Sheet 12
Volume 19, Sheet 24
Volume 11, Sheet 17

0 Feet 150 300 600

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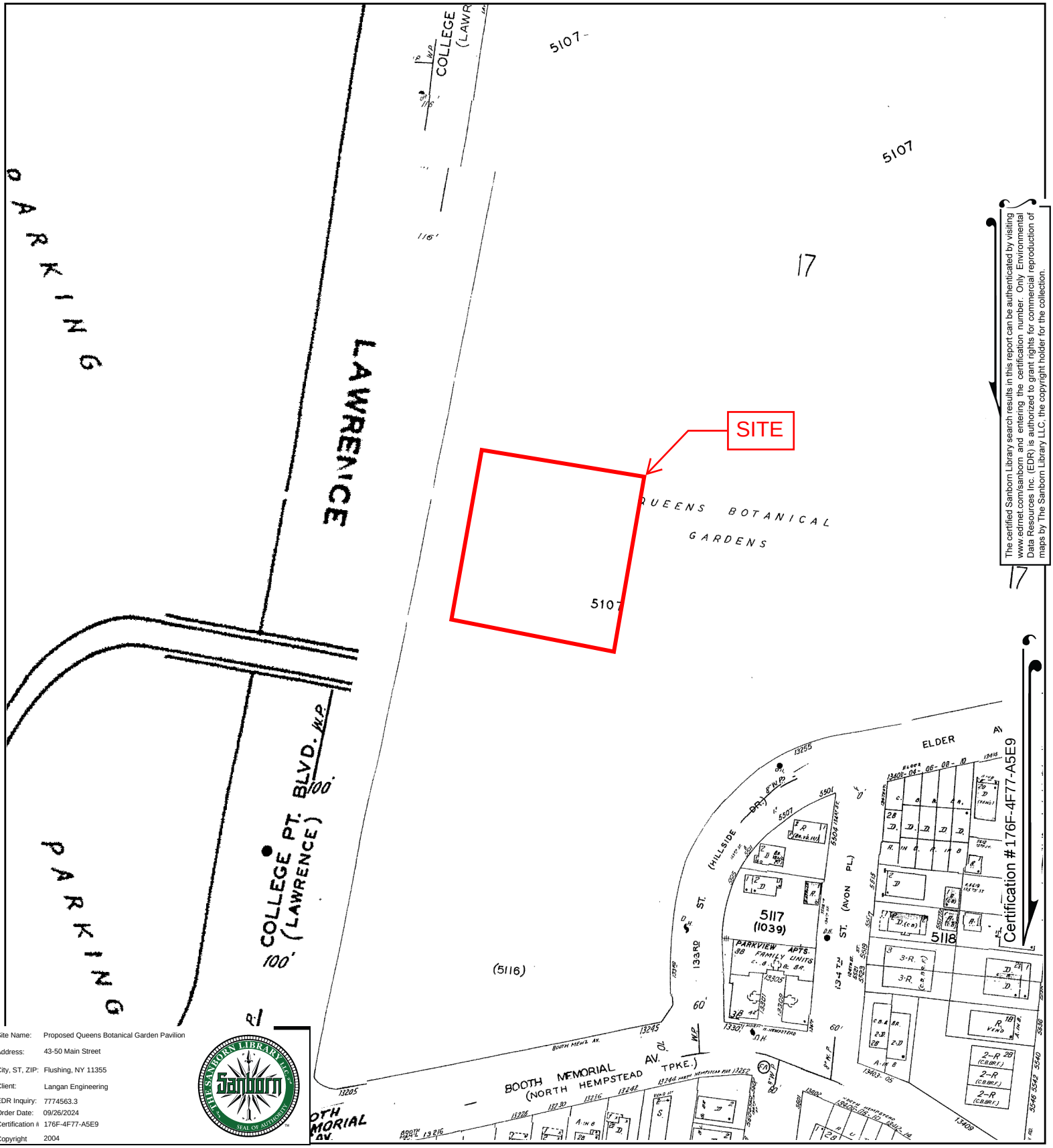

Certification #176F-4F77-A5E9

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Site Name:	Proposed Queens Botanical Garden Pavilion
Address:	43-50 Main Street
City, ST, ZIP:	Flushing, NY 11355
Client:	Langan Engineering
EDR Inquiry:	7774563.3
Order Date:	09/26/2024
Certification #:	176F-4F77-A5E9
Copyright	2004

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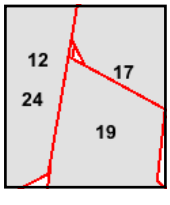
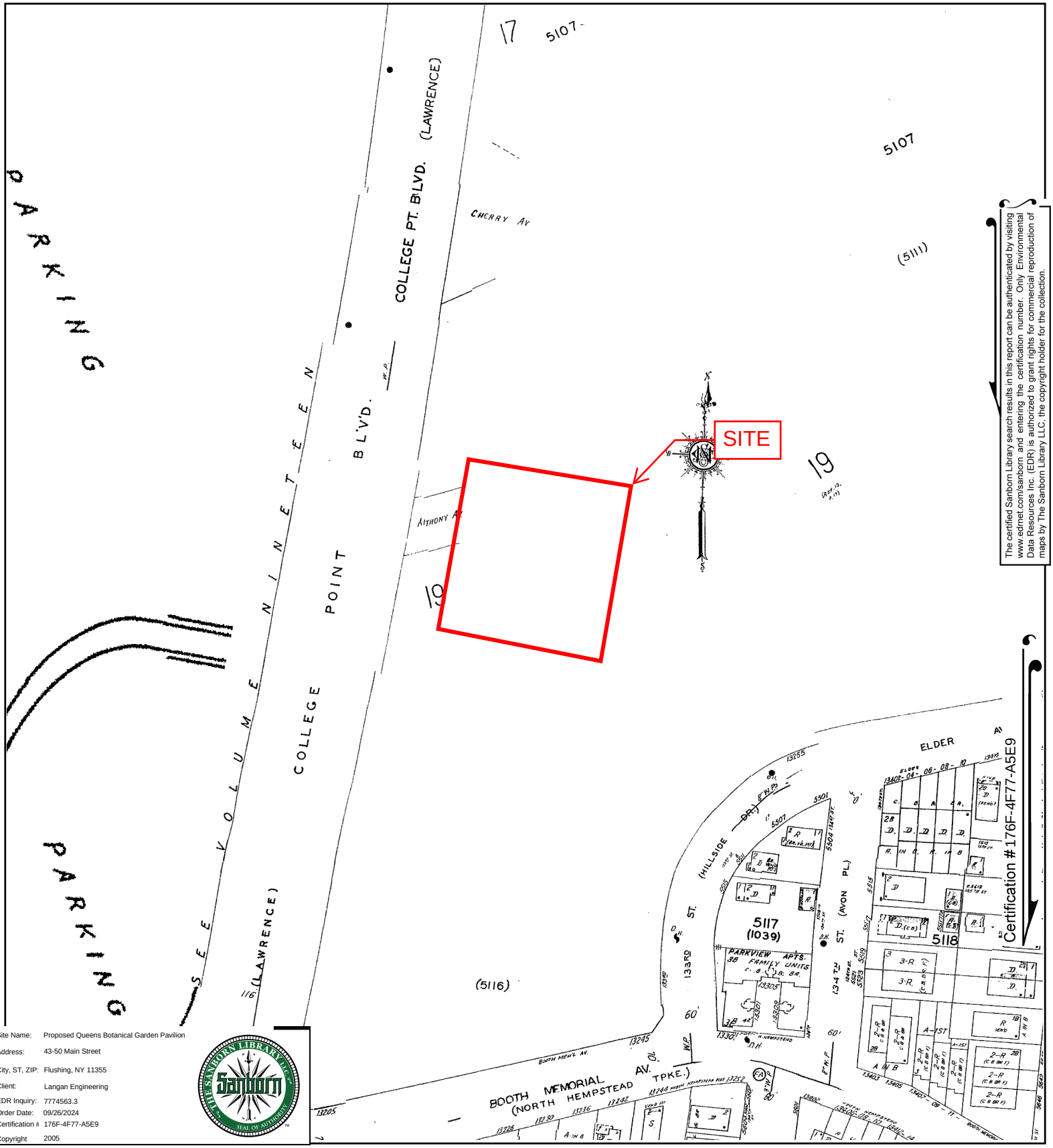


Volume 11, Sheet 12
Volume 19, Sheet 24
Volume 11, Sheet 17
Volume 11, Sheet 19

0 Feet 150 300 600

N



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Site Name:	Proposed Queens Botanical Garden Pavilion
Address:	43-50 Main Street
City, ST, ZIP:	Flushing, NY 11355
Client:	Langan Engineering
EDR Inquiry:	7774563.3
Order Date:	09/26/2024
Certification #:	176F-4F77-A5E9
Copyright	2005

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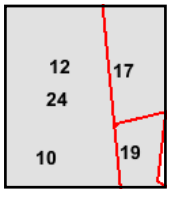
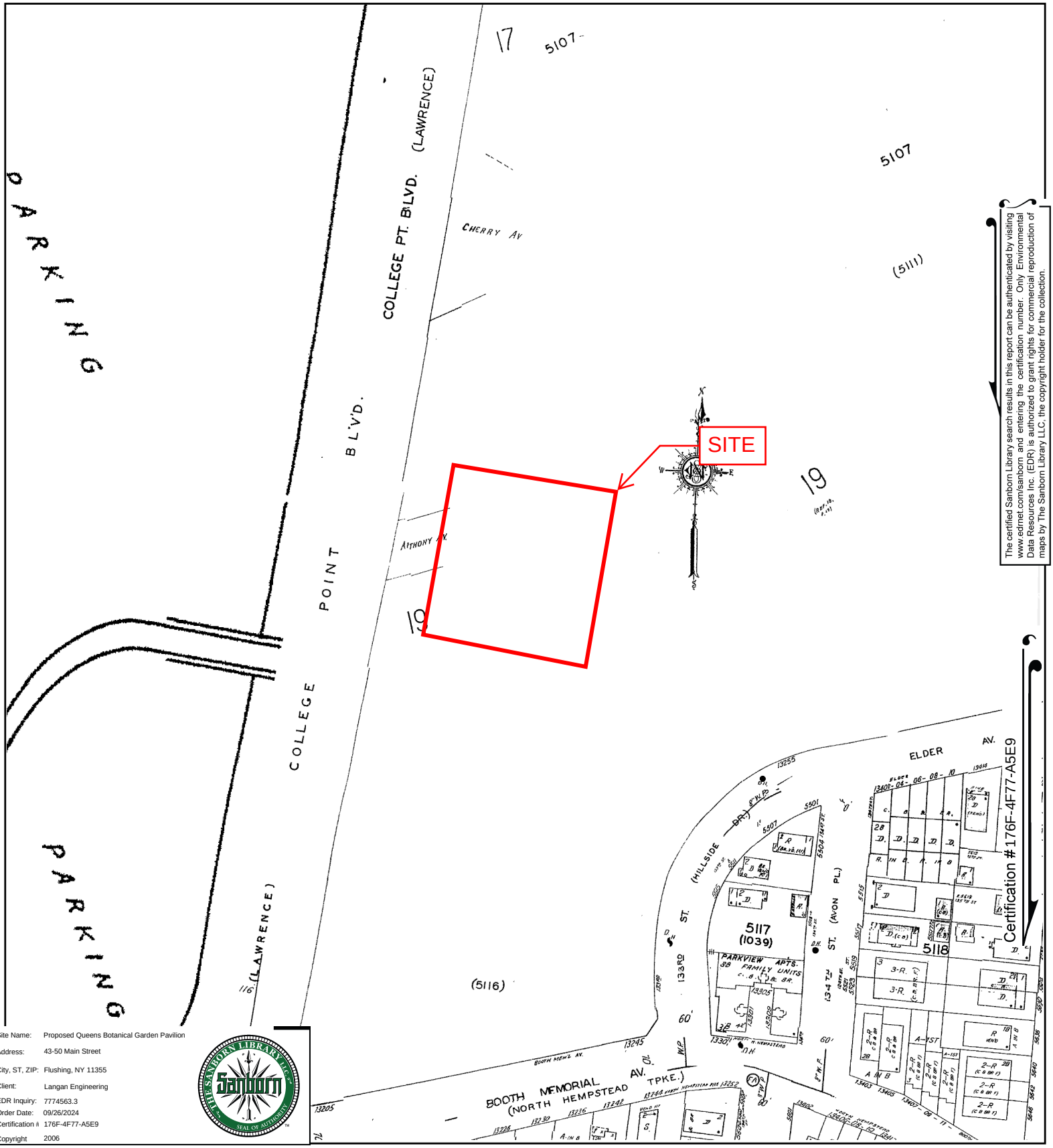


Volume 19, Sheet 24
Volume 11, Sheet 10
Volume 11, Sheet 17
Volume 11, Sheet 12
Volume 11, Sheet 19

0 Feet 150 300 600

N



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Site Name:	Proposed Queens Botanical Garden Pavilion
Address:	43-50 Main Street
City, ST, ZIP:	Flushing, NY 11355
Client:	Langan Engineering
EDR Inquiry:	7774563.3
Order Date:	09/26/2024
Certification #:	176F-4F77-A5E9
Copyright	2006

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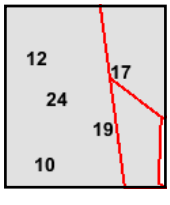

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Volume 11, Sheet 12
Volume 11, Sheet 17
Volume 11, Sheet 19
Volume 19, Sheet 24

0 Feet 150 300 600

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APPENDIX D

Boring Log

LANGAN

Log of Boring **LB-1** Sheet 1 of 5

Project: Queens Botanical Garden Pavilion	Project No.: 101164001
Location: Queens, NY	Elevation and Datum: Approx. el. 17.0 Borough of Queens Datum (BQD)
Drilling Company: Craig Geotechnical Drilling Co., Inc.	Date Started: 8/21/2024 — Date Finished: 8/26/2024
Drilling Equipment: CME 55 Track-mounted Drill Rig	Completion Depth: 117.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: 3-7/8in Tricone Roller Bit	Number of Samples: Disturbed 26 — Undisturbed 0 — Core 0
Casing Diameter (in): 4.00 — Casing Depth (ft): 30.0	Water Level (ft.): First ▽ 15.0 — Completion ▼ N/A — 24 HR. ▼ 12.0
Casing Hammer: Automatic — Weight (lbs): 140 — Drop (in): 30	Drilling Foreman: Mark
Sampler: 2in OD Split Spoon	Field Engineer: Manish Pokhrel
Sampler Hammer: Automatic — Weight (lbs): 140 — Drop (in): 30	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Number	Type	Recov. (in)	Penetr-resist BL/6in	N60-Value* (Blows/ft)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	+17.0							10 20 30 40	Start Drilling on 8/21/2024 at 9:19 AM as borehole LB-1 (OW)
	+16.0	Dark gray Silty fine to medium SAND, trace fine roots (moist) [TOPSOIL]	0						Used hand tools to excavate to 5 ft.
			1	GS-1	GRAB				Took GS-1 between 0 ft and 2 ft.
		Brownish gray Silty medium to fine SAND, trace fine roots, trace glass, trace bricks (moist) [FILL] [NYCBC Class 7]	2						
			3	GS-2	GRAB				Took GS-2 between 3 ft and 5 ft.
		Dark gray Sandy SILT, trace fine gravel, trace brick, trace peat (moist) [FILL] [NYCBC Class 7]	4						Took S-1 at 5 ft.
			5	S-1	SS	20	9 11 11	29	
		No Recovery	6						Took S-2 at 7 ft.
			7	S-2	SS	0	8 5 4 5	12	
		Dark gray Sandy SILT, trace fine gravel, trace fine roots, trace brick (moist) [FILL] [NYCBC Class 7]	8						Drove casing to 9 ft. Took S-3 at 9 ft
			9	S-3	SS	19	11 9 8 16	22	
		Dark gray fine to coarse SAND, some silt, trace fine gravel, trace fine roots, trace brick (moist) [FILL] [NYCBC Class 7]	10						Took S-4 at 11 ft. Drilled to 13 ft.
			11	S-4	SS	11	7 5 4 4	12	
		Dark gray Sandy SILT, trace fine gravel, trace fine roots, trace brick, trace cinders (moist) [FILL] [NYCBC Class 7]	12						Took S-5 at 13 ft. Drilled to 15 ft.
			13	S-5	SS	5	1 1 WOH 1	1	
		Dark gray Sandy SILT, trace fine gravel, trace fine roots, trace glass, trace cinders (wet) [FILL] [NYCBC Class 7]	14						Took S-6 at 15 ft. Drilled to 20 ft.
			15	S-6	SS	6	2 1 1 1	3	
	-3.0		16						
			17						
			18						
			19						
			20						

LANGAN

Log of Boring **LB-1** Sheet 2 of 5

Project	Project No.
Queens Botanical Garden Pavilion	101164001
Location	**Elevation and Datum**
	Approx. el. 17.0 Borough of Queens Datum (BQD)

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	N60-Value* (Blows/ft)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	-3.0	Dark gray CLAY, trace fine sand (wet) [NYCBC Class 6]	20						
			21	S-7	SS	19	WOH WOH WOH WOH	0	Took S-7 at 20 ft. Drilled to 25 ft. Obtained Shelby Tube, U-1 in offset borehole LB-1A between 20 ft and 22 ft.
			22						
			23						
			24						
		Dark gray CLAY, trace fine sand (wet) [NYCBC Class 6]	25						Took S-8 at 25 ft. Drove casing to 30 ft. Drilled to 30 ft.
			26	S-8	SS	16	WOH WOH WOH WOH	0	
			27						
			28						
			29						
		Dark gray CLAY, trace fine sand (wet) [NYCBC Class 6]	30						Took S-9 at 30 ft. Drilled to 35 ft. Dark gray water return.
			31	S-9	SS	19	WOH WOH WOH WOH	0	
			32						
			33						
			34						
		Dark gray CLAY, trace fine to medium sand (wet) [NYCBC Class 6]	35						Took S-10 at 35 ft. Drilled to 40 ft. Dark gray water return.
			36	S-10	SS	14	1 WOH WOH WOH	0	
			37						
			38						
			39						
		Dark gray CLAY, lens fine to coarse sand (wet) [NYCBC Class 6]	40						Took S-11 at 40 ft. Drilled to 45 ft.
			41	S-11	SS	15	1 1 WOH WOH	1	
			42						
			43						
			44						
			45				1		

LANGAN

Log of Boring **LB-1** Sheet 3 of 5

Project	Project No.
Queens Botanical Garden Pavilion	101164001
Location	**Elevation and Datum**
	Approx. el. 17.0 Borough of Queens Datum (BQD)

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	N60-Value* (Blows/ft)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	-28.0	Dark gray CLAY, trace fine to medium sand (wet) [NYCBC Class 6]	45–46	S-12	SS	17	WOH WOH WOH	0	Took S-12 at 45 ft. Drilled to 50 ft. Dark gray water return.
		Dark gray CLAY, trace fine to medium sand (wet) [NYCBC Class 6]	50–51	S-13	SS	14	1 WOH WOH WOH	0	Took S-13 at 50 ft. Drilled to 55 ft. Dark gray water return.
	-38.0	Dark gray medium to fine SAND, some fine to coarse gravel, trace clay (wet) [NYCBC Class 3a]	55–56	S-14	SS	14	2 16 21 50/4"	48	Took S-14 at 55 ft. Drilled to 60 ft. Rig Chattering. Dark gray water return.
		No Recovery	60	S-15	SS	0	50/3"	65/3"	Stopped drilling in borehole LB-1 (OW) on 8/22/2024 at 8:53 AM. Borehole backfilled with soil cuttings to 20 ft and installed temporary groundwater level monitor well. Well was removed and borehole was backfilled with soil cuttings upon completion of the investigation. Started drilling on 8/26/2024 at 10:53 AM as offset boring LB-1A located 5-feet west. Drove casing to 60 ft. Drilled to 65 ft.
	-48.0	Brownish gray CLAY (wet) [NYCBC Class 4a]	65–66	S-1	SS	20	6 10 21 30	40	Took S-1 at 65 ft. Drilled to 70 ft.
			70				6		

N60-Value* scale: 10 20 30 40

LANGAN

Log of Boring **LB-1** Sheet 4 of 5

Project	Project No.
Queens Botanical Garden Pavilion	101164001
Location	**Elevation and Datum**
	Approx. el. 17.0 Borough of Queens Datum (BQD)

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	N60-Value* (Blows/ft)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	-53.0	Brownish gray CLAY (wet) [NYCBC Class 4a]	70						Took S-2 at 70 ft . Drilled to 75 ft.
			71	S-2	SS	13	10 11 13	27	
			72						
			73						
			74						
		Brownish gray CLAY (wet) [NYCBC Class 4b]	75						Took S-3 at 75 ft. Drilled to 80 ft.
			76	S-3	SS	21	2 3 5 5	10	
			77						
			78						
			79						
		Brownish gray CLAY (wet) [NYCBC Class 4b]	80						Took S-4 at 80 ft. Drilled to 85 ft.
			81	S-4	SS	17	7 7 10 14	22	
			82						
			83						
			84						
		Brownish gray CLAY (wet) [NYCBC Class 4a]	85						Took S-5 at 85 ft. Drilled to 90 ft.
			86	S-5	SS	19	5 8 10 12	23	
			87						
			88						
			89						
		Brownish gray CLAY (wet) [NYCBC Class 4a]	90						Took S-6 at 90 ft. Drilled to 95 ft.
			91	S-6	SS	23	5 8 10 12	23	
			92						
			93						
			94						
			95				6		

N60-Value* (Blows/ft) axis: 10 20 30 40

LANGAN

Log of Boring **LB-1** Sheet 5 of 5

Project	Project No.
Queens Botanical Garden Pavilion	101164001
Location	**Elevation and Datum**
	Approx. el. 17.0 Borough of Queens Datum (BQD)

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	N60-Value* (Blows/ft)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	-78.0	Brownish gray CLAY (wet) [NYCBC Class 4a]	95						Took S-7 at 95 ft. Drilled to 100 ft.
			96	S-7	SS	24	11 17 24	36	
			97						
			98						
			99						
		Brownish gray CLAY (wet) [NYCBC Class 4a]	100						Took S-8 at 100 ft. Drilled to 105 ft.
			101	S-8	SS	21	6 10 11 21	27	
			102						
			103						
			104						
		Brownish gray CLAY (wet) [NYCBC Class 4b]	105						Took S-9 at 105 ft. Drilled to 110 ft.
			106	S-9	SS	24	3 7 10 10	22	
			107						
			108						
			109						
		Brownish gray CLAY (wet) [NYCBC Class 4b]	110						Took S-10 at 110 ft. Drilled to 115 ft.
			111	S-10	SS	24	2 4 7 10	14	
			112						
			113						
			114						
		Brownish gray CLAY (wet) [NYCBC Class 4a]	115						Took S-11 at 115 ft.
			116	S-11	SS	24	5 7 11 11	23	
	-100.0		117						Stop Drilling on 8/26/2024 at 11:43 AM. Borehole was backfilled with soil cuttings.
		End of Boring at 117.0ft.	118						
			119						
			120						

N60-Value* (Blows/ft) scale: 10 20 30 40

APPENDIX E

Permeability Test Results

LANGAN

Test No. PT-1
Sheet 1 of 1

PROJECT:	Queens Botanical Garden Pavilion						
LOCATION / BOROUGH :	Queens, NY						
INSPECTOR:	Manish Pokhrel	DRILLER:	Mark	Start Date:	8/21/2024	Weather:	Cloudy, 60s° F
CONTRACTOR:	Craig Geotechnical Drilling Co., Inc.	HELPER:	Jeff	Start Time:	12:05 PM		
P.E./REP.:	Matthew Koch						
Depth of PT:	5 ft	Drill Bit Type:	3-7/8" Tricone Roller	Weight of Hammer for casing:	140 lbs		
Rig Type:	CME 55 Track Rig	Casing Internal Diameter:	4 in	Type of Hammer:	Automatic		
		Casing Length:	66 in				

ASTM D-6391 – 11
PERMEABILITY COEFFICIENT (Km) FORMULA:

General Formula:

$$K_m = \pi R_t \times \frac{\left[D\left\{Ln\left(\frac{h_1}{h_2}\right)\right\}\right]}{11 \times (t_2 - t_1)}$$

Formula for 4" internal diameter casing (in/hr):

$$K_m = 1.142 R_t \times \frac{\left[Ln\left(\frac{h_1}{h_2}\right)\right]}{(t_2 - t_1)}$$

where:

$$R_t = {2.2902(0.9842^T)}/{T^{0.1702}}$$

PT-1 @ 5 ft

TEST 1

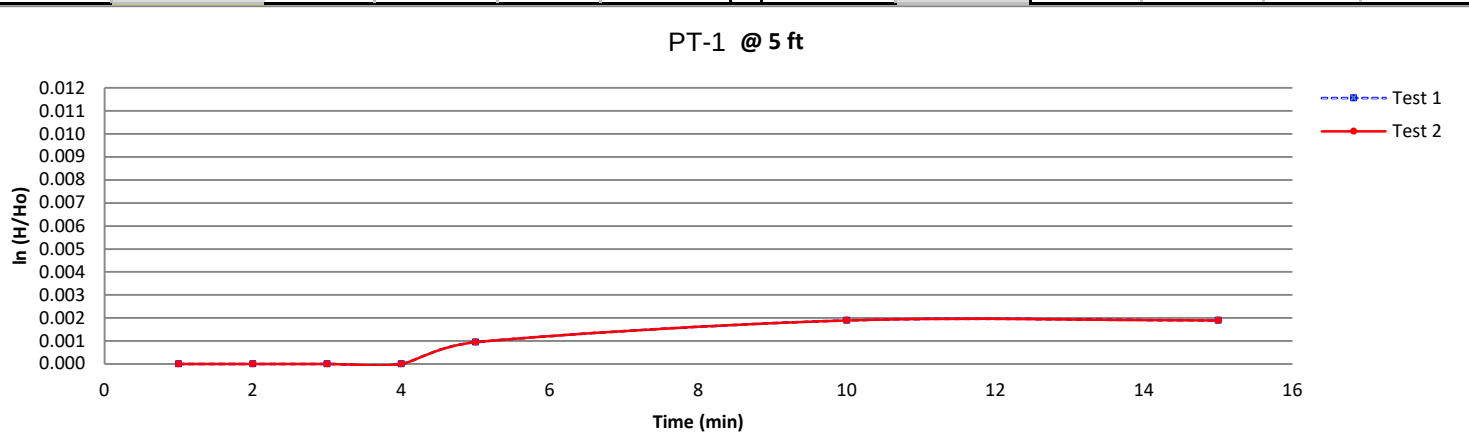
Water temperature (°C), T: 16 Rt= 1.11

FIELD DATA		CALCULATED DATA			
Time (min)	Depth (in)	Height (in)	Ln (H/Ho)	(t_1-t_2)	*Kv (in/hr)
1	0.000	66.000	0.000	0.017	0.0000
2	0.000	66.000	0.000	0.017	0.0000
3	0.000	66.000	0.000	0.017	0.0000
4	0.000	66.000	0.000	0.017	0.0000
5	0.063	65.938	0.001	0.017	0.0719
10	0.125	65.875	0.002	0.083	0.0144
15	0.125	65.875	0.002	0.083	0.0000

TEST 2

Water temperature (°C), T: 16 Rt= 1.11

FIELD DATA		CALCULATED DATA			
Time (min)	Depth (in)	Height (in)	Ln (H/Ho)	(t_1-t_2)	*Kv (in/hr)
1	0.000	66.000	0.000	0.017	0.0000
2	0.000	66.000	0.000	0.017	0.0000
3	0.000	66.000	0.000	0.017	0.0000
4	0.000	66.000	0.000	0.017	0.0000
5	0.063	65.938	0.001	0.017	0.0719
10	0.125	65.875	0.002	0.083	0.0144
15	0.125	65.875	0.002	0.083	0.0000



TEST 1 FINAL RESULTS

Time Weighted Average Permeability Coefficient **Km=** 0.0096 in/hr

TEST 2 FINAL RESULTS

Time Weighted Average Permeability Coefficient **Km=** 0.0096 in/hr

AVERAGE PT-1 @ 5 ft

Time Weighted Average Permeability Coefficient **Km=** 0.010 in/hr

DEFINITION OF VARIABLES

*Km= Mean permeability
T = Temperature of permeant (water), in °C
Ln = Natural Logarithmic
t1 = Time at the start of the test in the same units selected for Km
t2= Time at the end of the test in the units selected for Km
h1= Height of the water above the bottom of the casing at the start of the test in the same units selected for Km
h2= Height of the water above the bottom of the casing at the end of the test in the same units selected for Km

LANGAN

Test No. PT-2

Sheet 1 of 1

PROJECT:	Queens Botanical Garden Pavilion				
LOCATION / BOROUGH :	Queens, NY				
INSPECTOR:	Manish Pokhrel	DRILLER:	Mark	Start Date:	8/21/2024
CONTRACTOR:	Craig Geotechnical Drilling Co., Inc.	HELPER:	Jeff	Start Time:	12:30 PM
P.E./REP.:	Matthew Koch				
Depth of PT:	10 ft	Drill Bit Type:	3-7/8" Tricone Roller	Weather:	Cloudy , 60s° F
Rig Type:	CME 55 Track Rig	Casing Internal Diameter:	4 in	Weight of Hammer for casing:	140 lbs
		Casing Length:	126 in	Type of Hammer:	Automatic

ASTM D-6391 – 11
PERMEABILITY COEFFICIENT (Km) FORMULA:

General Formula:

$$K_m = \pi R_t \times \frac{\left[D\left\{Ln\left(\frac{h_1}{h_2}\right)\right\}\right]}{11 \times (t_2 - t_1)}$$

Formula for 4" internal diameter casing (in/hr):

$$K_m = 1.142 R_t \times \frac{\left[Ln\left(\frac{h_1}{h_2}\right)\right]}{(t_2 - t_1)}$$

where:

$$R_t = {2.2902(0.9842^T)}/{T^{0.1702}}$$

PT-2 @ 10 ft

TEST 1

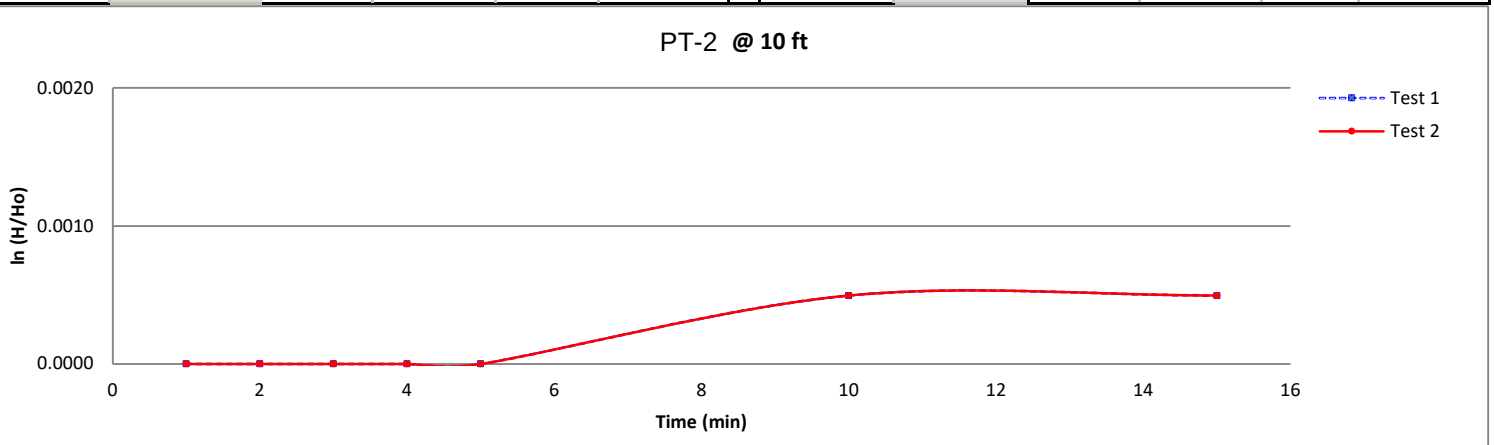
Water temperature (°C), T: 16 Rt= 1.11

FIELD DATA		CALCULATED DATA			
Time (min)	Depth (in)	Height (in)	Ln (H/Ho)	(t_1-t_2)	*Kv (in/hr)
1	0.000	126.000	0.0000	0.017	0.0000
2	0.000	126.000	0.0000	0.017	0.0000
3	0.000	126.000	0.0000	0.017	0.0000
4	0.000	126.000	0.0000	0.017	0.0000
5	0.000	126.000	0.0000	0.017	0.0000
10	0.063	125.938	0.0005	0.083	0.0075
15	0.063	125.938	0.0005	0.083	0.0000

TEST 2

Water temperature (°C), T: 16 Rt= 1.11

FIELD DATA		CALCULATED DATA			
Time (min)	Depth (in)	Height (in)	Ln (H/Ho)	(t_1-t_2)	*Kv (in/hr)
1	0.000	126.000	0.0000	0.017	0.0000
2	0.000	126.000	0.0000	0.017	0.0000
3	0.000	126.000	0.0000	0.017	0.0000
4	0.000	126.000	0.0000	0.017	0.0000
5	0.000	126.000	0.0000	0.017	0.0000
10	0.063	125.938	0.0005	0.083	0.0075
15	0.063	125.938	0.0005	0.083	0.0000



TEST 1 FINAL RESULTS

Time Weighted Average Permeability Coefficient **Km=** 0.0025 in/hr

TEST 2 FINAL RESULTS

Time Weighted Average Permeability Coefficient **Km=** 0.0025 in/hr

AVERAGE PT-2 @ 10 ft

Time Weighted Average Permeability Coefficient **Km=** 0.003 in/hr

DEFINITION OF VARIABLES

*Km= Mean permeability
T = Temperature of permeant (water), in °C
Ln = Natural Logarithmic
t1 = Time at the start of the test in the same units selected for Km
t2= Time at the end of the test in the units selected for Km
h1= Height of the water above the bottom of the casing at the start of the test in the same units selected for Km
h2= Height of the water above the bottom of the casing at the end of the test in the same units selected for Km

LANGAN

Test No. PT-3

Sheet 1 of 1

PROJECT:	Queens Botanical Garden Pavilion						
LOCATION / BOROUGH :	Queens, NY						
INSPECTOR:	Manish Pokhrel	DRILLER:	Mark	Start Date:	8/22/2024	Weather:	Sunny, 60s° F
CONTRACTOR:	Craig Geotechnical Drilling Co., Inc.	HELPER:	Jeff	Start Time:	9:55 AM		
P.E./REP.:	Matthew Koch						
Depth of PT:	5 ft	Drill Bit Type:	3-7/8" Tricone Roller	Weight of Hammer for casing:	140 lbs		
Rig Type:	CME 55 Track Rig	Casing Internal Diameter:	4 in	Type of Hammer:	Automatic		
		Casing Length:	66 in				

ASTM D-6391 – 11
PERMEABILITY COEFFICIENT (Km) FORMULA:

General Formula:

$$K_m = \pi R_t \times \frac{\left[D\left\{Ln\left(\frac{h_1}{h_2}\right)\right\}\right]}{11 \times (t_2 - t_1)}$$

Formula for 4" internal diameter casing (in/hr):

$$K_m = 1.142 R_t \times \frac{\left[Ln\left(\frac{h_1}{h_2}\right)\right]}{(t_2 - t_1)}$$

where:

$$R_t = {2.2902(0.9842^T)}/{T^{0.1702}}$$

PT-3 @ 5 ft

TEST 1

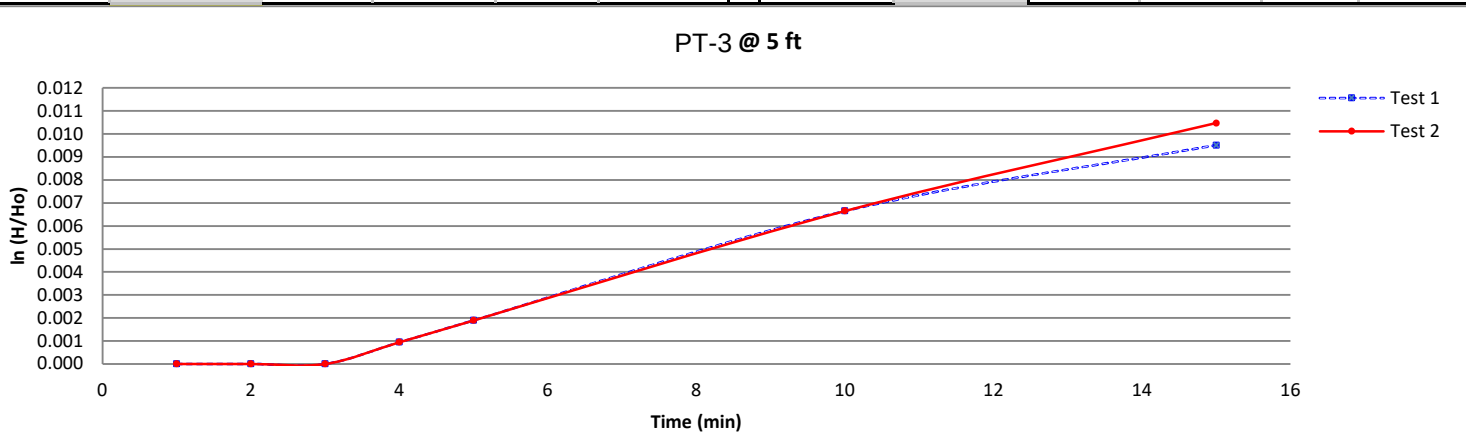
Water temperature (°C), T: 16 Rt= 1.11

FIELD DATA		CALCULATED DATA			
Time (min)	Depth (in)	Height (in)	Ln (H/Ho)	(t_1-t_2)	*Kv (in/hr)
1	0.000	66.000	0.000	0.017	0.0000
2	0.000	66.000	0.000	0.017	0.0000
3	0.000	66.000	0.000	0.017	0.0000
4	0.063	65.938	0.001	0.017	0.0719
5	0.125	65.875	0.002	0.017	0.0720
10	0.438	65.563	0.007	0.083	0.0722
15	0.625	65.375	0.010	0.083	0.0435

TEST 2

Water temperature (°C), T: 16 Rt= 1.11

FIELD DATA		CALCULATED DATA			
Time (min)	Depth (in)	Height (in)	Ln (H/Ho)	(t_1-t_2)	*Kv (in/hr)
1	0.000	66.000	0.000	0.017	0.0000
2	0.000	66.000	0.000	0.017	0.0000
3	0.000	66.000	0.000	0.017	0.0000
4	0.063	65.938	0.001	0.017	0.0719
5	0.125	65.875	0.002	0.017	0.0720
10	0.438	65.563	0.007	0.083	0.0722
15	0.688	65.313	0.010	0.083	0.0580



TEST 1 FINAL RESULTS

Time Weighted Average Permeability Coefficient **Km=** 0.0481 in/hr

TEST 2 FINAL RESULTS

Time Weighted Average Permeability Coefficient **Km=** 0.0530 in/hr

AVERAGE PT-3 @ 5 ft

Time Weighted Average Permeability Coefficient **Km=** 0.051 in/hr

DEFINITION OF VARIABLES

*Km= Mean permeability
T = Temperature of permeant (water), in °C
Ln = Natural Logarithmic
t1 = Time at the start of the test in the same units selected for Km
t2= Time at the end of the test in the units selected for Km
h1= Height of the water above the bottom of the casing at the start of the test in the same units selected for Km
h2= Height of the water above the bottom of the casing at the end of the test in the same units selected for Km

LANGAN

Test No. PT-4
Sheet 1 of 1

PROJECT:	Queens Botanical Garden Pavilion						
LOCATION / BOROUGH :	Queens, NY						
INSPECTOR:	Manish Pokhrel	DRILLER:	Mark	Start Date:	8/26/2024	Weather:	Sunny, 80s° F
CONTRACTOR:	Craig Geotechnical Drilling Co., Inc.	HELPER:	Jeff	Start Time:	12:55 PM		
P.E./REP.:	Matthew Koch						
Depth of PT:	10 ft	Drill Bit Type:	3-7/8" Tricone Roller	Weight of Hammer for casing:	140 lbs		
Rig Type:	CME 55 Track Rig	Casing Internal Diameter:	4 in	Type of Hammer:	Automatic		
		Casing Length:	126 in				

ASTM D-6391 – 11
PERMEABILITY COEFFICIENT (Km) FORMULA:

General Formula:

$$K_m = \pi R_t \times \frac{\left[D\left\{Ln\left(\frac{h_1}{h_2}\right)\right\}\right]}{11 \times (t_2 - t_1)}$$

Formula for 4" internal diameter casing (in/hr):

$$K_m = 1.142 R_t \times \frac{\left[Ln\left(\frac{h_1}{h_2}\right)\right]}{(t_2 - t_1)}$$

where:

$$R_t = {2.2902(0.9842^T)}/{T^{0.1702}}$$

PT-4 @ 10 ft

TEST 1

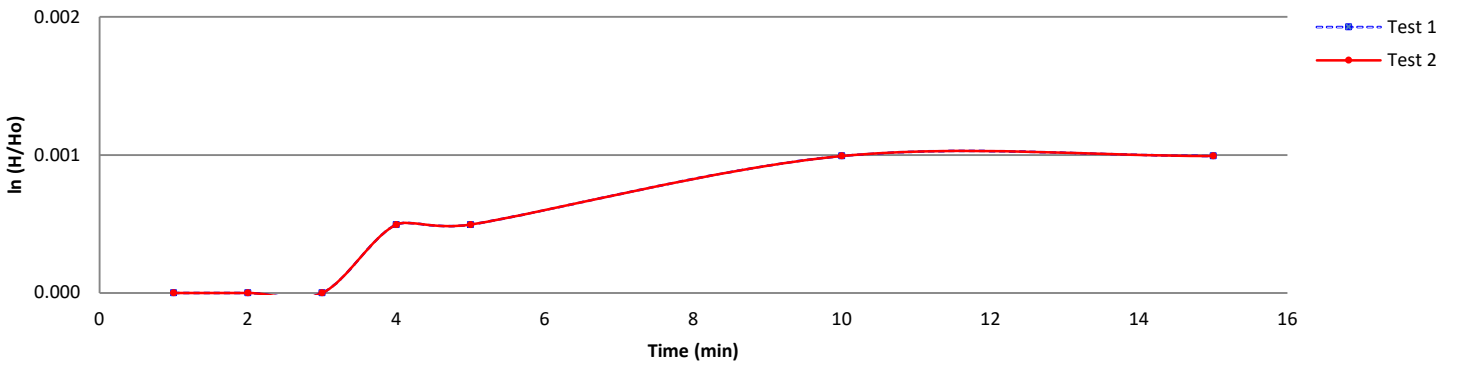
Water temperature (°C), T: 17 Rt= 1.08

FIELD DATA		CALCULATED DATA			
Time (min)	Depth (in)	Height (in)	Ln (H/Ho)	(t_1-t_2)	*Kv (in/hr)
1	0.000	126.000	0.000	0.017	0.0000
2	0.000	126.000	0.000	0.017	0.0000
3	0.000	126.000	0.000	0.017	0.0000
4	0.063	125.938	0.000	0.017	0.0367
5	0.063	125.938	0.000	0.017	0.0000
10	0.125	125.875	0.001	0.083	0.0073
15	0.125	125.875	0.001	0.083	0.0000

TEST 2

Water temperature (°C), T: 17 Rt= 1.08

FIELD DATA		CALCULATED DATA			
Time (min)	Depth (in)	Height (in)	Ln (H/Ho)	(t_1-t_2)	*Kv (in/hr)
1	0.000	126.000	0.000	0.017	0.0000
2	0.000	126.000	0.000	0.017	0.0000
3	0.000	126.000	0.000	0.017	0.0000
4	0.063	125.938	0.000	0.017	0.0367
5	0.063	125.938	0.000	0.017	0.0000
10	0.125	125.875	0.001	0.083	0.0073
15	0.125	125.875	0.001	0.083	0.0000



TEST 1 FINAL RESULTS

Time Weighted Average Permeability Coefficient **Km=** 0.0049 in/hr

TEST 2 FINAL RESULTS

Time Weighted Average Permeability Coefficient **Km=** 0.0049 in/hr

AVERAGE PT-4 @ 10 ft

Time Weighted Average Permeability Coefficient **Km=** 0.005 in/hr

DEFINITION OF VARIABLES

*Km= Mean permeability
T = Temperature of permeant (water), in °C
Ln = Natural Logarithmic
t1 = Time at the start of the test in the same units selected for Km
t2= Time at the end of the test in the units selected for Km
h1= Height of the water above the bottom of the casing at the start of the test in the same units selected for Km
h2= Height of the water above the bottom of the casing at the end of the test in the same units selected for Km

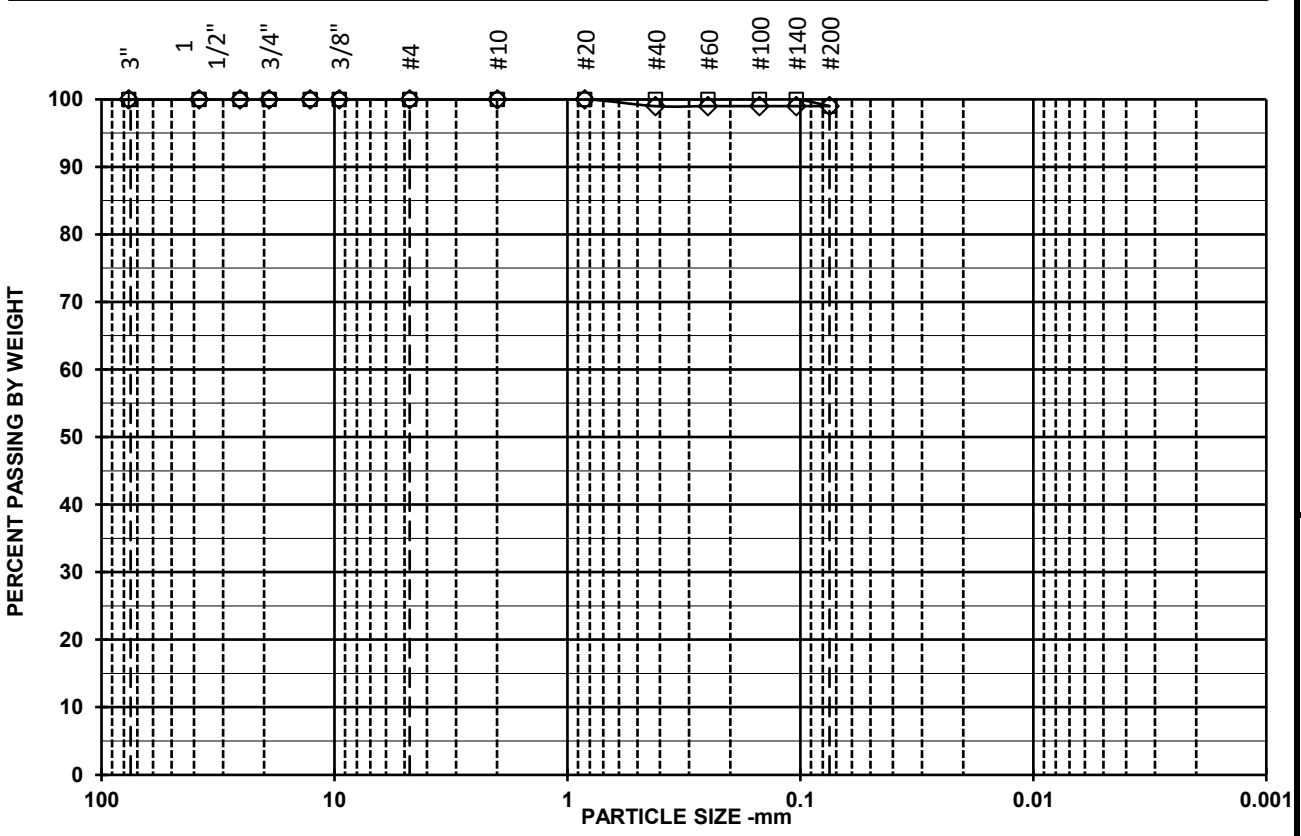
APPENDIX F

Laboratory Test Results

Langan #101164001
Queens Botanical Garden Pavilion
LABORATORY TESTING DATA SUMMARY

BORING NO.	SAMPLE NO.	DEPTH (ft)	IDENTIFICATION TESTS									STRENGTH			CONSOLIDATION		REMARKS / TEST ID
			WATER CONTENT (%)	LIQUID LIMIT (-)	PLASTIC LIMIT (-)	PLAS. INDEX (-)	USCS SYMB. (1)	SIEVE MINUS NO. 200 (%)	ORGANIC CONTENT (burnoff) (%)	TOTAL UNIT WEIGHT (pcf)	DRY UNIT WEIGHT (pcf)	Type Test	PEAK DEVIATOR STRESS (psi)	AXIAL STRAIN @ PEAK STRESS (%)	INITIAL CONDITIONS VOID RATIO (-)	INITIAL CONDITIONS SATUR-ATION (%)	
LB-1A	U-1	20-22								97.4							
LB-1A	U-1	20.85	96.1														
LB-1A	U-1B	20.95	79.2	94	39	55	OH			96.7	54.0				2.169	100	C24138
LB-1A	U-1	21.1	78.4														
LB-1A	U-1C	21.40	79.1				OH	99		95.9	53.6	UC	9.2	8.5			UC24366
LB-1A	S-2	70-72	29.5	42	22	20	CL	99	2.0								
LB-1(OW)	S-4	11-13	20.4	38	29	9	SM	19									
LB-1(OW)	S-11	40-42	33.7	31	18	13	SC	24.1	0.9								

Note: (1) USCS symbol based on visual observation and Sieve and Atterberg limits reported.



Open Symbols: Sieve analysis by ASTM D6913
Filled symbols: Hydrometer analysis by ASTM D7928 corrected for complete sample

SYMBOL	w (%)	LL	PL	PI	USCS	AASHTO	USCS DESCRIPTION AND REMARKS	DATE
□					OH		Dark gray, Organic clay	10/07/24
◇	29.5	42	22	20	CL		Brown, Lean clay	10/07/24
○								

Symbol	□	◇	○
Boring	LB-1A	LB-1A	
Sample	U-1C	S-2	
Depth	21.40	70-72	
% +3"	0	0	
% Gravel	0	0	
% SAND	1	1	
%C SAND	0	0	
%M SAND	0	1	
%F SAND	1	0	
% FINES	99	99	
D_{100} (mm)	2	4.75	
D_{60} (mm)			
D_{30} (mm)			
D_{10} (mm)			
Cc			
Cu			

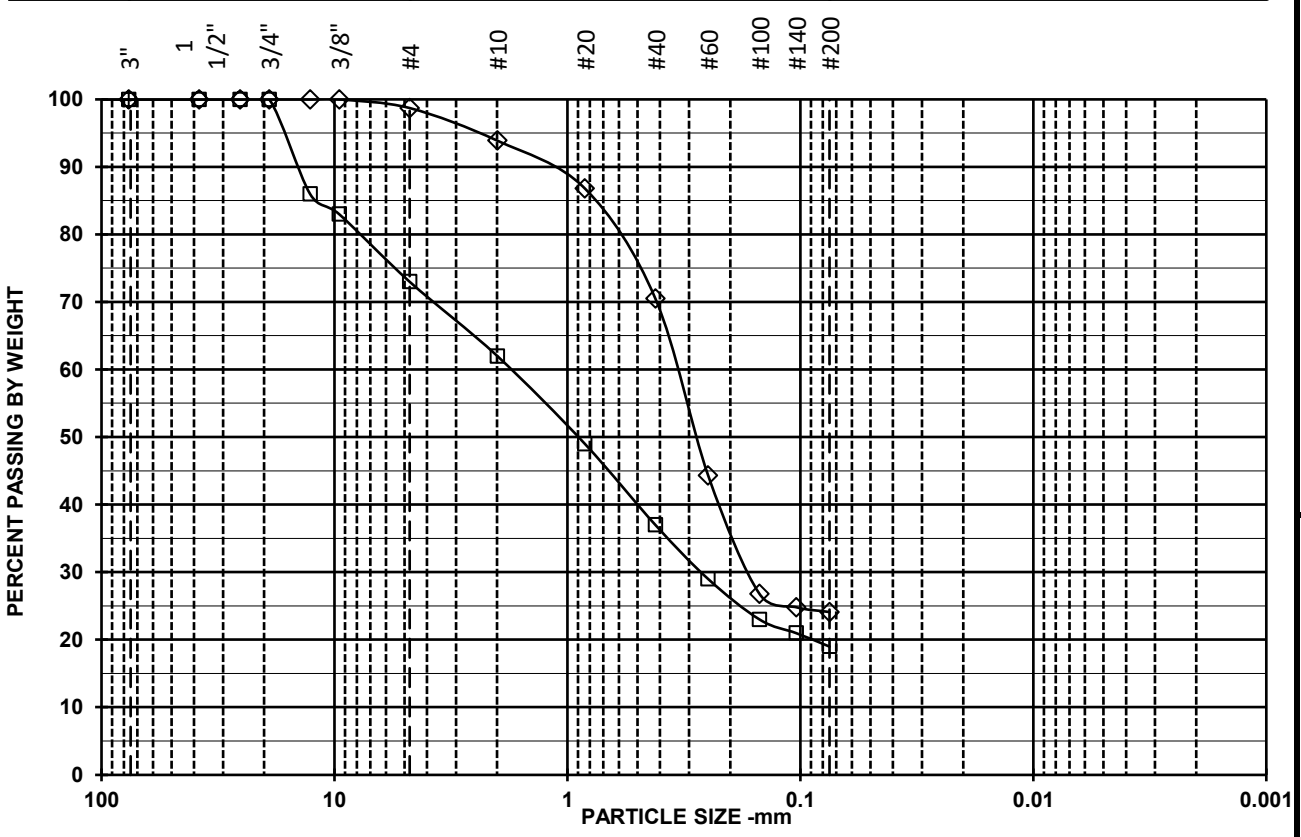
Sieve Size/ID #	Percent Finer Data		
6"	100	100	
4"	100	100	
3"	100	100	
1 1/2"	100	100	
1"	100	100	
3/4"	100	100	
1/2"	100	100	
3/8"	100	100	
#4	100	100	
#10	100	100	
#20	100	100	
#40	100	99	
#60	100	99	
#100	100	99	
#140	100	99	
#200	99	99	
5μ m			
2μ m			
1μ m			

Langan #101164001

TERRASENSE Geotechnical Laboratory #24010597A

Queens Botanical Garden Pavilion

PARTICLE SIZE DISTRIBUTION
ASTM D6913 & ASTM D7928



Open Symbols: Sieve analysis by ASTM D6913
Filled symbols: Hydrometer analysis by ASTM D7928 corrected for complete sample

SYMBOL	w (%)	LL	PL	PI	USCS	AASHTO	USCS DESCRIPTION AND REMARKS	DATE
□	20.4	38	29	9	SM		Gray, Silty sand with gravel, Insufficient sample size	09/26/24
◇	33.7	31	18	13	SC		Gray, Clayey sand	09/26/24
○								

Symbol	□	◇	○
Boring	LB-1(OW)	LB-1(OW)	
Sample	S-4	S-11	
Depth	11-13	40-42	
% +3"	0	0	
% Gravel	27	1.3	
% SAND	54	74.6	
%C SAND	11	4.8	
%M SAND	25	23.4	
%F SAND	18	46.4	
% FINES	19	24.1	
D_{100} (mm)	19.1	9.53	
D_{60} (mm)	1.75	0.34	
D_{30} (mm)	0.27	0.16	
D_{10} (mm)			
Cc			
Cu			

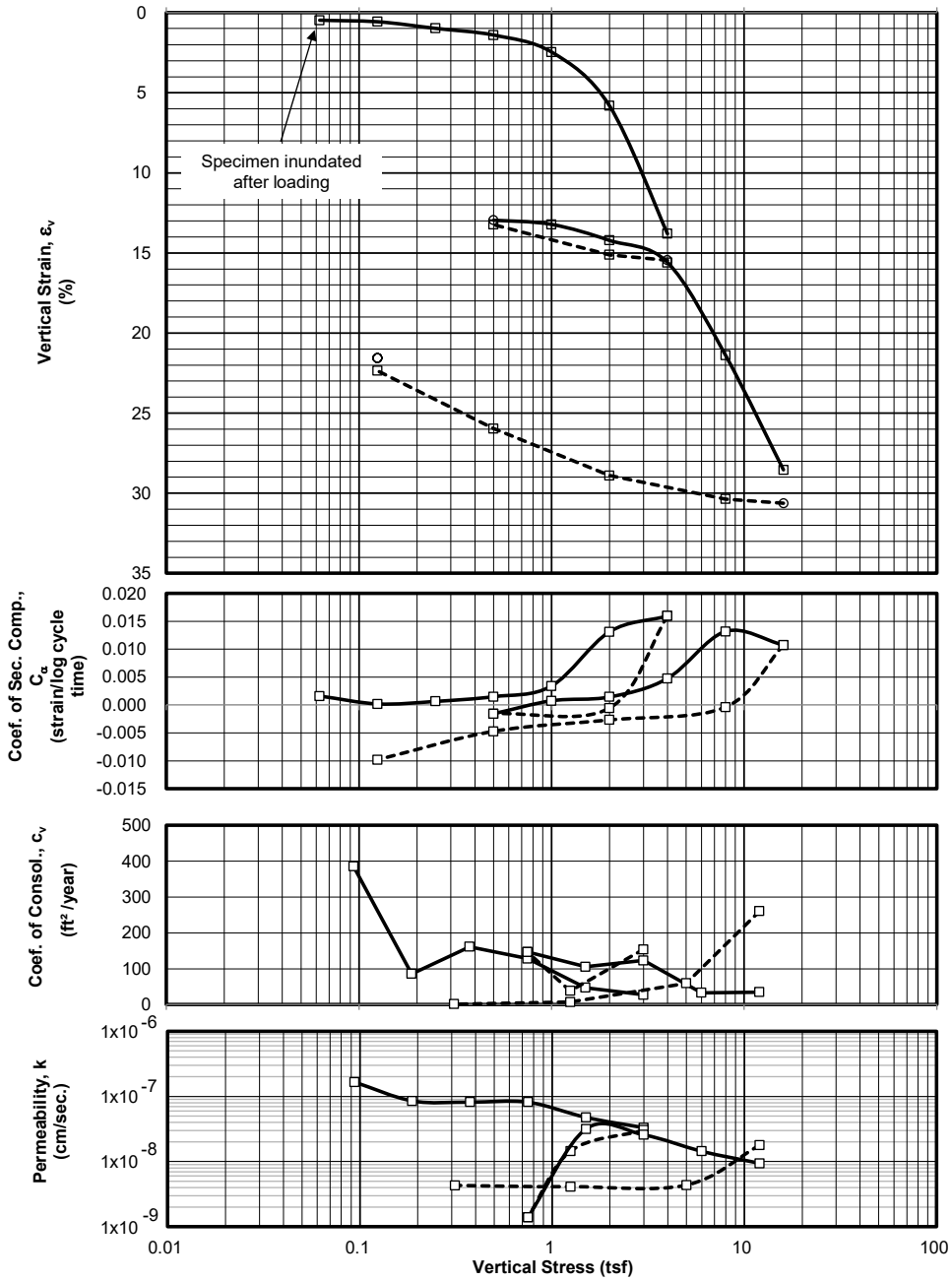
Sieve Size/ID #	Percent Finer Data		
6"	100	100.0	
4"	100	100.0	
3"	100	100.0	
1 1/2"	100	100.0	
1"	100	100.0	
3/4"	100	100.0	
1/2"	86	100.0	
3/8"	83	100.0	
#4	73	98.7	
#10	62	93.9	
#20	49	86.8	
#40	37	70.5	
#60	29	44.3	
#100	23	26.8	
#140	21	24.8	
#200	19	24.1	
5μ m			
2μ m			
1μ m			

Langan #101164001

TERRASENSE Geotechnical Laboratory #24010597A

Queens Botanical Garden Pavilion

PARTICLE SIZE DISTRIBUTION
ASTM D6913 & ASTM D7928



SAMPLE INFORMATION

Boring:	LB-1A
Sample:	U-1B
Depth:	20.95 feet
Elevation:	
Type:	3-inch thin wall tube
Description:	OH, dark gray organic clay

LL = 94, PL = 39, PI = 55

SPECIMEN INFORMATION

(NOTE: Initial and final states refer to beginning and end of test)

Initial height:	0.61	inch
Diameter:	2.50	inch

Initial water content:	79.2	%
Initial total unit weight:	96.7	pcf
Initial dry unit weight:	54.0	pcf
Initial void ratio:	2.169	
Initial degree of saturation:	100	%
Final water content:	61.5	%
Final total unit weight:	102.9	pcf
Final dry unit weight:	63.7	pcf
Final void ratio:	1.684	
Final degree of saturation:	100	% (assumed specific gravity = 2.74)

TEST SUMMARY

Construction Method:	Casagrande (Log)
Estimated preconsolidation stress (tsf):	1.6 (Range: 1.5 to 1.7)
Estimated in situ effective overburden stress (tsf):	
Compression Ratio (strain per log cycle stress):	0.252
Compression Index (void ratio per log cycle stress):	0.799
Swell Ratio (strain per log cycle stress):	0.031
Swell Index (void ratio per log cycle stress):	0.098
Recompression Ratio (strain per log cycle stress):	0.027
Recompression Index (void ratio per log cycle stress):	0.086
Remarks:	

LEGEND: □ End of primary o End of Stage ——— Loading - - - - - - - Unloading

Test Date: 9/27/24 Tested By: MCT Checked By: CMJ

Langan Project No. 101164001	Queens Botanical Garden Pavilion	ONE DIMENSIONAL CONSOLIDATION TEST Boring: LB-1A Depth: 20.95 feet
TERRASENSE Geotechnical Laboratory	Project No. 24010597A	October 2024

PROJECT:	Queens Botanical Garden					
PROJECT NO.:	24010597A	Initial height:	0.608 inch	Final height:	0.515 inch	
BORING:	LB-1A	Initial water content:	79.2 %	Final water content:	61.5 %	
SAMPLE:	U-1B	Initial dry density:	54.0 pcf	Final dry density:	63.7 pcf	
TEST:	C24138	Initial total density:	96.7 pcf	Final total density:	102.9 pcf	
DEPTH, feet:	20.95	Initial saturation:	100 %	Final saturation:	100 %	
BY:	MCT	Initial void ratio:	2.169	Final void ratio:	1.684	
TEST DATE:	9/27/2024			Final strain:	15.3 %	

EQUIPMENT:

Load Frame No.: 3

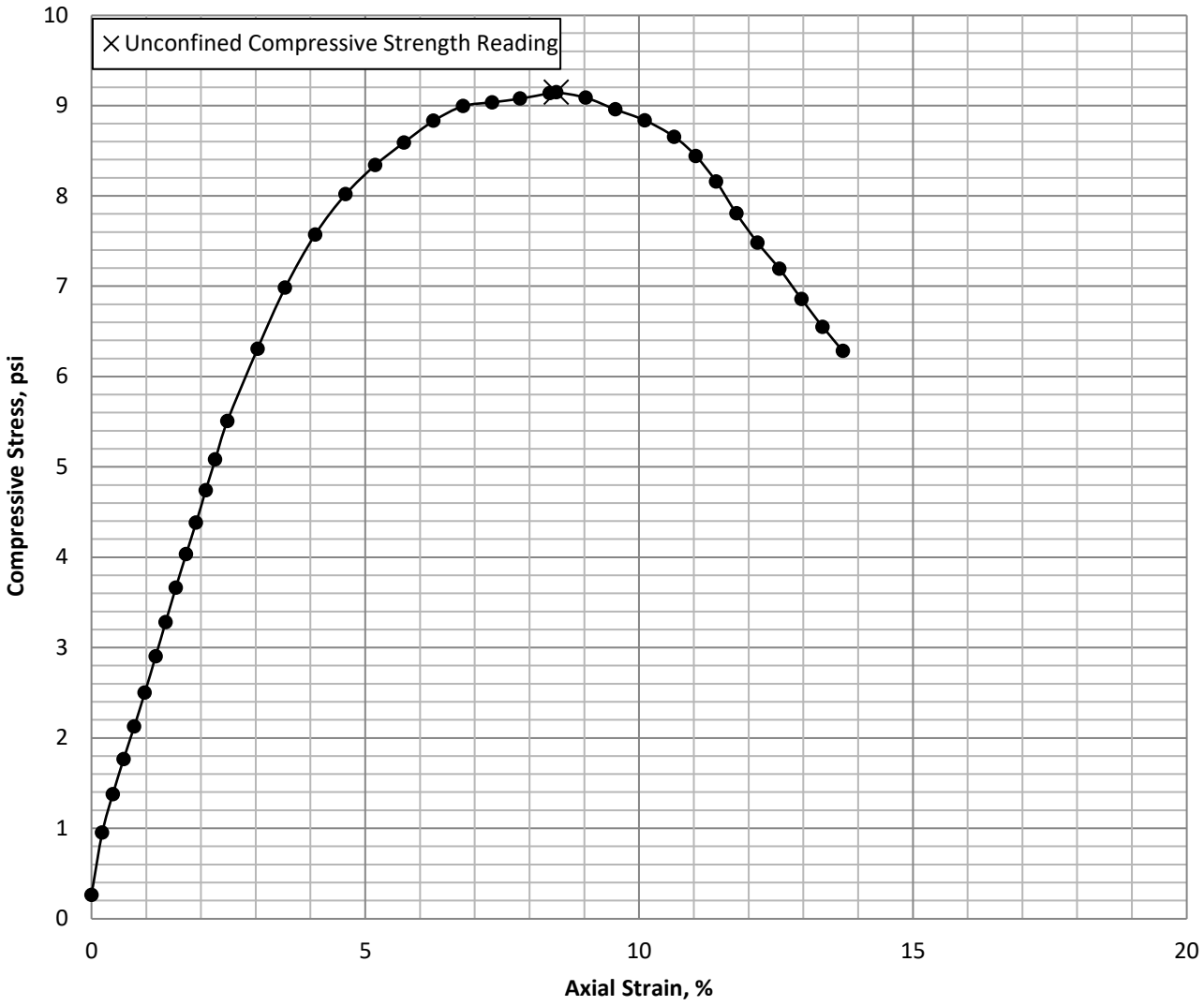
Ring Diameter: 2.5 inch

SPECIMEN DESCRIPTION: OH, dark gray organic clay

G	LL	PL	PI
2.74	94	39	55

Load No.	Load (tsf)	d_{100} (inch)	t_{100} Strain (%)	t_{100} Void Ratio (-)	Final Strain (%)	Final Void Ratio (-)	c_v (ft²/year)	C_α (strain/logt)	Constrained Modulus (tsf)	Permeability (cm/sec)
1	0.063	0.0029	0.483	2.154	0.394	2.157	196	0.0016	13	5E-07
2	0.125	0.0035	0.572	2.151	0.608	2.150	386	0.0002	70	2E-07
3	0.250	0.0060	0.984	2.138	1.134	2.133	86	0.0007	30	9E-08
4	0.500	0.0085	1.405	2.125	1.611	2.118	161	0.0015	59	8E-08
5	1.00	0.0150	2.464	2.091	3.017	2.074	128	0.0034	47	8E-08
6	2.00	0.0354	5.820	1.985	7.505	1.931	47	0.0131	30	5E-08
7	4.00	0.0840	13.808	1.732	15.463	1.679	27	0.0159	25	3E-08
8	2.00	0.0920	15.119	1.690	15.027	1.693	154	-0.0005	153	3E-08
9	0.500	0.0805	13.240	1.750	12.964	1.758	38	-0.0016	80	1E-08
10	1.00	0.0804	13.224	1.750	13.326	1.747	147	0.0008	3169	1E-09
11	2.00	0.0865	14.216	1.719	14.427	1.712	105	0.0014	101	3E-08
12	4.00	0.0949	15.603	1.675	16.269	1.654	123	0.0048	144	3E-08
13	8.00	0.1301	21.390	1.491	23.142	1.436	33	0.0132	69	1E-08
14	16.0	0.1736	28.550	1.265	30.631	1.199	35	0.0107	112	9E-09
15	8.00	0.1846	30.360	1.207	30.269	1.210	261	-0.0004	442	2E-08
16	2.00	0.1758	28.898	1.253	28.608	1.263	59	-0.0027	411	4E-09
17	0.500	0.1579	25.967	1.346	25.345	1.366	7	-0.0047	51	4E-09
18	0.125	0.1360	22.366	1.460	21.580	1.485	1	-0.0098	10	4E-09

UNCONFINED COMPRESSIVE STRENGTH TEST, ASTM METHOD D2166



Specimen and Material Property Information

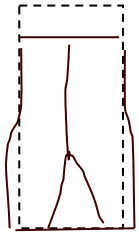
Sample Type: Intact tube sample

Description and/or Classification: OH, dark gray organic clay

	Water (1) Content (%)	Wet Unit Weight (pcf)	Dry Unit (1) Weight (pcf)	Void (2) Ratio (-)	Saturation (2) (%)	Length (inch)	Diameter (inch)	L/D (-)	LL (-)	PI (-)	Specific (2) Gravity (-)
Initial	79.1	95.9	53.6	2.15	99.4	5.971	2.829	2.1			2.70

Failure Summary

UC Compressive Strength, q_u (psi)	UC Shear Strength, s_u (psi)	Strain to Peak (%)	Strain Rate (%/min)
9.15	4.575	8.5	0.77



FAILURE SKETCH

Remarks and Notes:

(1) Water Content determined after shear from partial specimen.

(2) Assumed specific gravity

Tested by: DD Reviewed by: CMJ

Test Date: 9/27/2024 Review Date: 10/10/2024

Langan	**Project # 101164001**	**Queens Botanical Garden Pavilion**	**UNCONFINED COMPRESSION TEST**
TERRASENSE Geotechnical Laboratory	**Project # 24010597A**		**Boring: LB-1A Sample: U-1 Section: C Depth: 21.40 ft.**

Client Sample ID: LB-1(OW)_COMPOSITE — **Lab Sample ID: 460-312539-4**
Date Collected: 08/26/24 00:00 — **Matrix: Solid**
Date Received: 09/26/24 15:20

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.6	HF	0.1	0.1	SU			10/07/24 17:00	1
Corrosivity (SW846 9045D)	7.6	HF	0.1	0.1	SU			10/07/24 17:00	1
Temperature (SW846 9045D)	22.0	HF	0.1	0.1	Degrees C			10/07/24 17:00	1
Total Chloride (SW846 9251)	66.4	U	100	66.4	mg/Kg			10/07/24 10:16	1
Percent Moisture (EPA Moisture)	5.3		1.0	1.0	%			10/02/24 16:52	1
Percent Solids (EPA Moisture)	94.7		1.0	1.0	%			10/02/24 16:52	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Resistivity (SW846 9050A)	0.000861	H H3	0.000100	0.000100	Mohm-cm			10/07/24 15:11	1
Oxidation Reduction Potential (SM 2580B)	437				millivolts			10/07/24 18:00	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate (SW846 9038)	1080		200	96.8	mg/Kg			10/08/24 08:54	2

Client Sample ID: LB-1(OW)_COMPOSITE — **Lab Sample ID: 460-312539-4**
Date Collected: 08/26/24 00:00 — **Matrix: Solid**
Date Received: 09/26/24 15:20 — **Percent Solids: 94.7**

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide (SW846 9034)	6.0	U F1	21.0	6.0	mg/Kg	☼	10/08/24 10:30	10/08/24 15:45	1

CORROSION POTENTIAL EVALUATION

Project:	**Queens Botanical Garden**	**Boring:**	**LB-1**
Location:	**Queens, NY**	**Sample:**	**Composite**
Job Number:	**101164001**	**Depth:**	**Composite**

CORROSION POTENTIAL FOR GRAY & DUCTILE CAST IRON-PIPE

Ref: ANSI/AWWA 2010; C105/A21.5

1 megaohm-cm= 1,000,000 ohm-cm

Soil Characterisitics	Laboratory Test Results	Points	
Resistivity (ohm-cm)	861	10	**10** if <1,500; **8** if 1,500 to 1,800; **5** if 1,800 to 2,100; **2** if 2,100 to 2,500; **1** if 2,500 to 3,000; **0** if >3,000
pH	7.6	3	**5** if 0 to 2; **3** if 2 to 4; **0** if 4 to 6.5; **0** if 6.5 to 7.5 (**3** if sulfides are present and if low or neg Redox results); **0** if 7.5 to 8.5; **3** if >8.5
Redox Potential (mV)	437	0	**0** if >+100; **3.5** if +50 to +100; **4** if 0 to +50; **5** if negative
Sulfides (Positive, Trace, Negative)	Trace	2	**3.5** if Positive; **2** if Trace; **0** if ND
Moisture (Poor, Fair, or Good)	Fair	1	**2** if Poor, continuously wet; **1** if Fair, generally moist; **0** if Good, generally dry
	Total Points:	16	**CORROSIVE** **TO GRAY OR DUCTILE CAST-IRON PIPE**

total points > 10 corrrosive
total points < 10 non-corrrosive

CONCRETE REQUIREMENTS

Ref 1: ACI 318, Part 3, Chapter 4
Ref 2: NAVFAC DM 7.2 pg 146

1kg=1,000g=1,000,000mg

Water Soluble Sulfate in Soil (mg/kg or ppm)	Water Soluble Sulfate in Soil (% by weight)	Exposure Type	Cement Type
1080	0.108	Moderate	**Type II**

to convert mg/kg (ppm) to weight ratio divide by 1,000,000 and to obtain % ratio multiply by 100

Ref 1: ACI 318, Part 3, Chapter 4
0.00 to 0.10, Negligible and Type I Cement
0.10 to 0.20, Moderate, and Type II Cement (typical for seawater)
0.20 to 2.00, Severe, and Type V Cement
over 2.00, Very Severe, and Type V Cement with pozzolan

Ref 2: NAVFAC DM 7.2 pg 146
if Sulfates in soil greater than 0.5%, or more than 1200 ppm in groundwater, need Type V Cement

CRITICAL VALUES FOR GROUND AGGRESSIVENESS

Ref: FHWA DP-68-IR, as summarized in Fang (1991)

Test	Laboratory Test Results	Reference Standard	Critical Values	Critical?
Resistivity	861	ASTM G57	below 2000 ohm/cm	**YES**
pH	7.6	ASTM G51	below 4.5	**NO**
Sulfate	1080	CalDOT 407	above 500 ppm	**YES**
Chlorides	66	CalDOT 422	above 100ppm	**NO**

BDL : Below detectable limits

17 – Public Design Commission

NYC DESIGN
PUBLIC DESIGN COMMISSION OF THE CITY OF NEW YORK

October 16, 2023

CERTIFICATE 28621

RESOLVED That the Design Commission, having considered designs for the construction of a pavilion, Queens Botanical Garden, 43-50 Main Street, Elder Avenue between 134th Street and 136th Street, Flushing, Queens, submitted by the Department of Cultural Affairs and the Department of Parks & Recreation, represented by exhibits 2440-KZ, LA, LB, LC & LD of record in this matter, hereby gives to the same unanimous preliminary approval with the understanding that the team will continue to study (1) the circulation and the pinch point at the stage so that the path feels like a circuit; (2) the structure's relationship to water and the connection to the rain gardens, particularly at the north side of the pavilion; and (3) the opacity of the perforated screens and their relationship to the ground plane, noting that these might not be necessary to achieve the desired effect and a removable panel could me more effective.

Preliminary approval is conditioned upon submission of this project for final review and approval before September 18, 2025.

A true copy of resolution adopted by
the Design Commission at its meeting
on October 16, 2023.

Sreoshy Banerjea
Executive Director

Kenseth Armstead, Isabel Castilla, Laurie Hawkinson, Bill Heinzen, Karen Kiehl, Deborah Marton, Manuel Miranda, Susan Morgenthau, Merryl H. Tisch, Jimmy Van Bramer, Commissioners

Design Commission Meeting Agenda
Monday October 16, 2023

Meeting Location: Public Design Commission meetings are being held in-person at the Public Design Commission Board Room on the 3rd floor of City Hall. Members of the public can attend and give testimony either in-person or remotely.

To attend or testify remotely, the public can join the meeting via Zoom at https://cityhall-nyc-gov.zoom.us/j/83498334204 or by calling **1 (646) 931-3860** and using the meeting ID: **834 9833 4204**

Members of the public who wish to give testimony on public hearing items can sign-up in advance using this form: https://tinyurl.com/PDCmeetingform. Instructions for testifying remotely via Zoom or by phone can be found on our website here: https://tinyurl.com/PDC-testimony

The meeting will be livestreamed on the Public Design Commission's YouTube channel at http://www.youtube.com/nycdesigncommission.

Public Meeting

10:00 a.m. Consent Items

28605: Installation of retail signage (JD Sports) and storefront paneling, 159-02 Jamaica Avenue, Jamaica, Queens. (Preliminary and Final) (CC 27, CB 12) EDC

28607: Installation of *What do I See to be Except Myself* (formerly *Reflections*) by Oasa DuVerney, Eastern Parkway Library, 1044 Eastern Parkway, Brooklyn. (Preliminary) (CC 35, CB 9) DCLA%/DDC

28608: Construction of an administrative building and adjacent site work, Harper Street Yard, 32-11 Harper Street, Corona, Queens. (Preliminary) (CC 21, CB 7) DDC/DOT

28609: Reconstruction of the Briarwood Community Library, 85-12 Main Street, Briarwood, Queens. (Preliminary) (CC 24, CB 8) DDC/QL

28610: Construction of The Breakneck Bridge over the Metro-North Railroad, Hudson Highlands Fjord Trail, Breakneck Point adjacent to Route 9D, Dutchess County. (Final) DEP

28611: Rehabilitation of the Hudson River Drainage Chamber and adjacent site work, Breakneck Point, Town of Fishkill, Dutchess County. (Final) DEP

28612: Installation of signage on light poles (The Bronx Walk of Fame), Grand Concourse from East 138th Street to East 167th Street, Bronx. (Preliminary and Final) (CC 8 & 16, CB 1 & 4) DOT

28613: Reconstruction of a portion of "Uncle" Vito F. Maranzano Glendale Playground, Central Avenue, between 70th Street and 71st Street, Glendale, Queens. (Preliminary) (CC 30, CB 5) DPR

28614: Reconstruction of Lily Brown Playground, Fort Washington Park, east of Riverside Drive, between West 162nd Street and West 163rd Street, Manhattan. (Preliminary) (CC 7, CB 12) DPR

28615: Construction of an overlook and adjacent site work, Hermon A. MacNeil Park, Poppenhusen Avenue and 119th Street, College Point, Queens. (Preliminary and Final) (CC 19, CB 7) DPR

28616: Reconstruction of Dawson Playground, adjacent to P.S. 60, Dawson Street and Rogers Place, Bronx. (Final) (CC 17, CB 2) DPR

28617: Reconstruction of Zimmerman Playground, Barker Avenue, Britton Street, and Olinville Avenue, Bronx. (Final) (CC 15, CB 11) DPR

28618: Rehabilitation of a playground, Ferry Point Community Park, Balcom Avenue at the terminus of Dewey Avenue, Bronx. (Final) (CC 13, CB 10) DPR

28619: Construction of a distinctive sidewalk as part of the Downtown Brooklyn and Fulton Mall streetscape master plan, Fullton Street between Flatbush Avenue and Boerum Place, Brooklyn. (Preliminary and Final) (CC 33, CB 2) DPR/DOT

Public Hearing

10:05 a.m.

28620: Reconstruction of stairs, Riverside Park, West 105th Street and Riverside Drive, Manhattan. (Preliminary and Final) (CC 6, CB 7) DPR

https://www1.nyc.gov/assets/designcommission/downloads/pdf/10-16-2023-pres-DPR-pf-RiverisdePark-W105thStreetStairs.pdf

10:45 a.m.

28621: Construction of a pavilion, Queens Botanical Garden, 43-50 Main Street, Elder Avenue between 134th Street and 136th Street, Flushing, Queens. (Preliminary) (CC 20, CB 7) DCLA/DPR

https://www1.nyc.gov/assets/designcommission/downloads/pdf/10-16-2023-pres-DCLA-p-QBGPavilion.pdf

11:15 a.m.

28622: Installation of *Fabled Ecosystem* by Miguel Braceli, Mary Cali Dalton Recreation Center, 6 Victory Boulevard, adjacent to at the Lyons Pool, Hannah Street, Murray Hulbert Avenue, and the Tompkinsville Esplanade, Staten Island. (Conceptual) (CC 49, CB 1) DCLA%/DDC/DPR

28623: Installation of *Through Thick and Thin* by Risa Puno, Mary Cali Dalton Recreation Center, 6 Victory Boulevard, adjacent to at the Lyons Pool, Hannah Street, Murray Hulbert Avenue, and the Tompkinsville Esplanade, Staten Island. (Conceptual) (CC 49, CB 1) DCLA%/DDC/DPR

https://www1.nyc.gov/assets/designcommission/downloads/pdf/10-16-2023-pres-DDC-c-DaltonRecCtr-PFA.pdf

All times are approximate and subject to change without notice, and those who are testifying remotely should follow along on the livestreamed meeting on the Design Commission's YouTube channel to know when to join the meeting. If testifying at City Hall, please plan to arrive early in the event the meeting is ahead of schedule. Details on giving public testimony can be found here: https://www.nyc.gov/site/designcommission/review/public-testimony.page

Items on the consent agenda are not presented. If you wish to testify regarding a design-related issue of a project on the consent agenda, please notify staff as soon as possible.

Do you need assistance to participate in the meeting? If you need a reasonable accommodation of a disability, such as translation into a language other than English; American Sign Language Interpreting (ASL); Captioning in Real-Time (CART); or the meeting agenda in Braille, large print, or electronic format, please contact the Public Design Commission at least three business days before the meeting.

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