H & A of New York Engineering and Geology, LLP
213 W 35th Street
7th Floor
New York, NY 10001
646.277.5685

August 31, 2026
File No. 0211437

Ms. Nour Haredy
New York State Department of Environmental Conservation
Division of Environmental Remediation, Region 2
47-40 21st Street
Long Island City, New York 11101

Subject: Remedial Action Work Plan Amendment
Former BP Gasoline Service Station Site
860 Flushing Avenue
Brooklyn, New York
NYSDEC BCP Site No.: C224424

Dear Ms. Haredy:

H & A of New York Engineering and Geology, LLP (Haley & Aldrich) is submitting this letter on behalf of Flushing Holdings NY LLC to request an amendment to the Remedial Action Work Plan (RAWP) and Decision Document (DD) associated with the Former BP Gasoline Service Station Site located at 860 Flushing Avenue, Brooklyn, New York (the "Site").

This Request is associated with Decision Document Element 4: Soil Vapor Extraction (SVE) System. As set forth in more detail in the enclosure, the specific changes proposed are as follows: Removal of the Soil Vapor Extraction Remedial Action Element for the Track 2 Remedial Action in consideration of the low permeability of the Site's soil to support a SVE System, the endpoint sample results within this area (EP-2 and EP-3) indicating that no contaminants exceeded the Restricted Residential Soil Cleanup Objectives (RRSCOs), and that the lack of volatile organic compound (VOC) concentrations in soil show the remedy has met the remedial objectives

Should there be any questions regarding this request or plan, please do not hesitate to contact us.

Sincerely yours,
H & A OF NEW YORK ENGINEERING AND GEOLOGY, LLP

Zhan Shu, P.E.
Engineer of Record

James M. Bellew
Principal

Luke McCartney, P.G.
Senior Project Manager

Mari C. Conlon, P.G.
Senior Associate

cc:
Jane H. O'Connell, NYSDEC
Andre Obligado, NYSDEC
Yildez Palumbo, NYSDEC
Scarlett McLaughlin, NYSDOH
Kari Pollard, NYSDOH
Jack Klein, Flushing Holdings NY LLC

Attachments:

Figures:

Figure 1 – Endpoint Sample Location Map and Proposed SVE Treatment Area

Tables:

Table 1 – Endpoint Sample Results

Attachments:

Attachment A – Decision Document
Attachment B – SVE Pilot Test Results and Remedial Alternative Report
Attachment C – Confirmation Sample Analytical Laboratory Reports
Attachment D – NYSDEC Correspondence

I, Zhan Shu, certify that I am currently a New York State (NYS)-registered professional engineer and that this Proposed Decision Document Amendment, for the Former Gasoline Service Station Site was prepared with all applicable statutes and regulations and in substantial conformance with the Division of Environmental Remediation Technical Guidance for Site Investigation and Remediation (DER-10) and Green Remediation (DER-31).

I certify that all information and statements in this certification are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.



Zhan Shu	August 31, 2026	Zhan Shu
Registered Professional Engineer	Date	Signature
New York License No. 112052		

It is a violation of Article 145 of New York State Education Law for any person to alter this document in any way without the express written verification of adoption by any New York State licensed engineer in accordance with Section 7209(2), Article 145, New York State Education Law.

SITE INFORMATION AND STATUS

The Volunteer, Flushing Holdings NY LLC, entered into a Brownfield Cleanup Agreement (BCA) with the New York State Department of Environmental Conservation (NYSDEC) in June 2025 to investigate and remediate the approximately 10,600-square-foot (sq-ft) Site located within the Bushwick neighborhood of Brooklyn, New York. The Site was assigned NYSDEC Brownfield Cleanup Program (BCP) Site No. C224424 and is proposed as a mixed-use residential and commercial building.

This Amendment is provided as a follow-up to the Remedial Action Work Plan (RAWP) submitted by Haley & Aldrich of New York on May 11, 2026, on behalf of Flushing Holdings NY LLC, and the Decision Document (DD) dated May 2026. The RAWP and DD summarize the nature and extent of contamination identified during investigations completed at the Site between 2024 and 2025. A Soil Vapor Extraction (SVE) system was proposed to remove petroleum-related volatile organic compounds (VOCs) in the vadose zone in the eastern section of the historical petroleum dispensers. An SVE pilot test was conducted in June 2026 to evaluate the feasibility of SVE as a remedial technology and to assess the air permeability and vacuum response of the subsurface.

DECISION DOCUMENT SUMMARY

The DD presents the remedial program selected by the NYSDEC to address contamination associated with the historical site operations at the Former BP Gasoline Service Station. The DD addresses the remedial program and contains the following elements:

1: Remedial Design
2: Excavation
3: Backfill
4: Soil Vapor Extraction
5: Vapor Mitigation
6: Institutional Control
7: Site Management Plan

The DD is included as Attachment A.

SOIL VAPOR EXTRACTION (DD ELEMENT NO. 4)

For DD Element 4, the DD stipulates:

Soil vapor extraction (SVE) will be implemented to remove volatile organic compound (VOC) vapors from the subsurface and prevent off-site migration of contaminated vapor. VOCs will be physically removed from the subsurface by applying a vacuum to wells that have been installed into the vadose zone (the area below the ground but above the water table). The vacuum draws air through the soil matrix which carries the VOC vapors from the soil to the SVE well. The air extracted from the SVE wells is then treated as necessary prior to being discharged to the atmosphere.

Prior to the full implementation of this technology, laboratory and on-site pilot scale studies will be conducted to more clearly define design parameters. SVE wells will be installed into the vadose zone and screened from 19 feet below the ground surface to a depth of approximately 24 feet. The air containing VOCs extracted from the SVE wells will be treated by passing the air stream through activated carbon which removes the VOCs from the air prior to it being discharged to the

atmosphere. Upon system startup, SVE wells will be tested to confirm vacuum influence and effectiveness of the system. If there are no SVE wells located near the site boundary of concern, vacuum monitoring points will be installed near the site boundary to evaluate SVE effectiveness at preventing off-site migration of contaminated vapors.

As part of the implementation of the SVE remedial element, the RAWP specified that a Soil Vapor Extraction Pilot Test would be completed and a Remedial Design Report be submitted to the NYSDEC and NYSDOH for evaluation.

SVE PILOT TEST RESULTS

A SVE Pilot test was completed on the Site in June 2026, results of which were detailed in the SVE System Pilot Test Results and Remedial Alternative Report submitted to NYSDEC in August 2026. A total of four vapor extraction points (VEPs) and nine monitoring points (MPs) were installed. The MP response is indicative of low-permeability soils, which significantly restrict air movement through the treatment zone. As a result, the applied extraction vacuum was not effectively transmitted through the subsurface, limiting the volume of soil that can be influenced by each extraction well. Consistent with the limited vacuum propagation, PID readings measured in the extracted vapor stream remained non-detect or near background levels throughout the pilot testing, indicating negligible VOC mass recovery.

Based on the pilot test results, the Site soils exhibit low permeability and will not support effective SVE. The limited airflow, poor vacuum propagation, and negligible contaminant recovery indicate that a SVE system would not effectively remediate the impacted vadose zone. Therefore, SVE is not considered a technically feasible remedial technology for the Site, and implementation of a full-scale SVE system is not recommended. The SVE System Pilot Test Results and Remedial Alternative Report is included in Attachment B.

SVE EXCAVATION AREA COMPLETENESS

The excavation is intended to remove soil containing VOC concentrations exceeding the RRSCOs for Site contaminants of concern (COCs). Excavation is approximately 100% completed sitewide and the excavation within the formerly proposed SVE area is 100% complete. Figure 1 shows the bottom of excavation depths of each of the endpoint sample locations within the formerly proposed SVE area. As part of the remedial objectives, the base of the excavation area was visually evaluated and screened with a photo ionization detector prior to collection of the endpoint samples for adherence to the SCOs.

Soil excavation was completed in the vicinity of the proposed SVE treatment area to 10 ft bgs in endpoint grids represented by EP-2 and EP-3. Endpoint sample analytical results indicated that no contaminants exceeded the applicable SCOs. In addition, VOCs were not detected at concentrations indicating residual impacts requiring further treatment. Therefore, no additional excavation is warranted in the formerly proposed SVE treatment area and the remedial actions objectives have been met through excavation and without need for a SVE system.

A figure showing the endpoint locations is provided as Figure 1. A table showing the endpoint analytical results is provided as Table 1. Confirmation sample analytical results are included in Attachment C. Based on correspondence with the NSYDEC on July 17, 2026, included in Attachment D, the applicable SCOs have been met at these locations and over excavation is not needed.

In addition, to remain protective of potential soil vapor intrusion (SVI), an active sub-slab depressurization system (SSDS) will be installed beneath the entire building slab. Following completion of remedial actions, prior to building occupancy, and during operation of the SSDS, post-mitigation sampling, including indoor and ambient air sampling, as well as sub-slab vacuum measurement from the monitoring points will be conducted at the Site to confirm the efficacy of the SSDS.

Therefore, Haley & Aldrich of New York is requesting an amendment to the DD to remove Remedial Element 4 – Soil Vapor Extraction. The rationale is summarized as follows:

- The SVE Pilot Test Results indicate that the Site soils exhibit low permeability where installation of a SVE system would not be effective;
- The applicable Soil Cleanup Objectives were achieved based on the results of the endpoint samples collected within the SVE area; and
- An active SSDS will be installed as part of Remedial Element 5 to provide an additional engineering control protective against potential soil vapor intrusion.

CLOSING

As set forth above, Haley & Aldrich requests the language for DD be modified as follows:

Remedial Element 4: Soil Vapor Extraction:

~~*Soil vapor extraction (SVE) will be implemented to remove volatile organic compound (VOC) vapors from the subsurface and prevent off-site migration of contaminated vapor. VOCs will be physically removed from the subsurface by applying a vacuum to wells that have been installed into the vadose zone (the area below the ground but above the water table). The vacuum draws air through the soil matrix which carries the VOC vapors from the soil to the SVE well. The air extracted from the SVE wells is then treated as necessary prior to being discharged to the atmosphere.*~~

~~*Prior to the full implementation of this technology, laboratory and on-site pilot scale studies will be conducted to more clearly define design parameters. SVE wells will be installed into the vadose zone and screened from 19 feet below the ground surface to a depth of approximately 24 feet. The air containing VOCs extracted from the SVE wells will be treated by passing the air stream through activated carbon which removes the VOCs from the air prior to it being discharged to the atmosphere. Upon system startup, SVE wells will be tested to confirm vacuum influence and effectiveness of the system. If there are no SVE wells located near the site boundary of concern, vacuum monitoring points will be installed near the site boundary to evaluate SVE effectiveness at preventing off-site migration of contaminated vapors.*~~

FIGURES



LEGEND

- SITE BOUNDARY
- PARCEL BOUNDARY
- ENDPOINT GRID
- PROPOSED ENDPOINT LOCATIONS
- REMEDIAL EXCAVATION TO 10 FT BGS
- PROPOSED SVE WELL SCREENED FROM 19 TO 24 FT BGS
- ASSUMED 15 FEET RADIUS OF INFLUENCE
- PROPOSED SVE MONITORING POINT

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. PARCEL DATA SOURCE: NEW YORK CITY DEPARTMENT OF CITY PLANNING, INFORMATION TECHNOLOGY DIVISION
3. AERIAL IMAGERY SOURCE: NEARMAP, JULY 3, 2025
4. SVE - SOIL VAPOR EXTRACTION

N

0 30 60
SCALE IN FEET

HALEY ALDRICH

860 FLUSHING AVENUE
BROOKLYN, NEW YORK

ENDPOINT SAMPLE LOCATION MAP AND PROPOSED SVE TREATMENT AREA

AUGUST 2026

FIGURE 1

GIS FILE PATH: \\haleyaldrich\share\CF\Projects\0211437\GIS\211437_860_FLUSHING_AVE.aprx - USER: gwilde - LAST SAVED: 8/8/2025 9:51 AM

TABLES

TABLE 1
SUMMARY OF ENDPOINT ANALYTICAL RESULTS
860 FLUSHING AVENUE DEVELOPMENT SITE
BROOKLYN, NEW YORK

	Criteria				
Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	Restricted Use Soil Cleanup Objectives - Protection of Groundwater 2025	Restricted Use Soil Cleanup Objectives - Residential 2025	Unrestricted Use Soil Cleanup Objectives 2025	EP-02 EP-02_10 07/02/2026 L2641792-02 10 - 10.5 (ft)	EP-03 EP-03_10 07/02/2026 L2641792-03 10 - 10.5 (ft)
Volatile Organic Compounds (mg/kg)					
1,1,1,2-Tetrachloroethane	NA	NA	NA	ND (0.00045)	ND (0.00053)
1,1,1-Trichloroethane	0.68	100	0.68	ND (0.00045)	ND (0.00053)
1,1,2,2-Tetrachloroethane	NA	NA	NA	ND (0.00045)	ND (0.00053)
1,1,2-Trichloroethane	NA	NA	NA	ND (0.0009)	ND (0.001)
1,1-Dichloroethane	0.27	47	0.27	ND (0.0009)	ND (0.001)
1,1-Dichloroethene	0.33	0.98	0.24	ND (0.0009)	ND (0.001)
1,1-Dichloropropene	NA	NA	NA	ND (0.00045)	ND (0.00053)
1,2,3-Trichlorobenzene	NA	NA	NA	ND (0.0018)	ND (0.0021)
1,2,3-Trichloropropane	NA	NA	NA	ND (0.0018)	ND (0.0021)
1,2,4,5-Tetramethylbenzene	NA	NA	NA	ND (0.0018)	0.061
1,2,4-Trichlorobenzene	NA	NA	NA	ND (0.0018)	ND (0.0021)
1,2,4-Trimethylbenzene	5.9	100	5.9	ND (0.0018)	2.3
1,2-Dibromo-3-chloropropane (DBCP)	NA	NA	NA	ND (0.0027)	ND (0.0032)
1,2-Dibromoethane (Ethylene Dibromide)	NA	NA	NA	ND (0.0009)	ND (0.001)
1,2-Dichlorobenzene	1.1	100	1.1	ND (0.0018)	ND (0.0021)
1,2-Dichloroethane	0.02	5.8	0.02	ND (0.0009)	ND (0.001)
1,2-Dichloroethene (total)	NA	NA	NA	ND (0.0009)	ND (0.001)
1,2-Dichloropropane	NA	NA	NA	ND (0.0009)	ND (0.001)
1,3,5-Trimethylbenzene	3.1	100	3.1	ND (0.0018)	0.048
1,3-Dichlorobenzene	2.6	38	2.6	ND (0.0018)	ND (0.0021)
1,3-Dichloropropane	NA	NA	NA	ND (0.0018)	ND (0.0021)
1,3-Dichloropropene	NA	NA	NA	ND (0.00045)	ND (0.00053)
1,4-Dichlorobenzene	1.8	24	1.8	ND (0.0018)	ND (0.0021)
1,4-Diethylbenzene	NA	NA	NA	ND (0.0018)	0.0075
1,4-Dioxane	0.1	5.7	0.1	ND (0.072)	ND (0.084)
2,2-Dichloropropane	NA	NA	NA	ND (0.0018)	ND (0.0021)
2-Butanone (Methyl Ethyl Ketone)	0.1	100	0.1	ND (0.009)	0.0023 J
2-Chlorotoluene	NA	NA	NA	ND (0.0018)	ND (0.0021)
2-Hexanone (Methyl Butyl Ketone)	NA	NA	NA	ND (0.009)	ND (0.01)
2-Phenylbutane (sec-Butylbenzene)	25	100	25	ND (0.0009)	0.0062
4-Chlorotoluene	NA	NA	NA	ND (0.0018)	ND (0.0021)
4-Ethyltoluene (1-Ethyl-4-Methylbenzene)	NA	NA	NA	ND (0.0018)	0.12
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	NA	NA	ND (0.009)	ND (0.01)
Acetone	0.03	100	0.03	ND (0.009)	***0.035***
Acrylonitrile	NA	NA	NA	ND (0.0036)	ND (0.0042)
Benzene	0.06	3.7	0.06	ND (0.00045)	ND (0.00053)
Bromobenzene	NA	NA	NA	ND (0.0018)	ND (0.0021)
Bromodichloromethane	NA	NA	NA	ND (0.00045)	ND (0.00053)
Bromoform	NA	NA	NA	ND (0.0036)	ND (0.0042)
Bromomethane (Methyl Bromide)	NA	NA	NA	ND (0.0018)	ND (0.0021)
Carbon disulfide	NA	NA	NA	ND (0.009)	ND (0.01)
Carbon tetrachloride	0.76	7.1	0.76	ND (0.0009)	ND (0.001)
Chlorobenzene	4.5	100	4.5	ND (0.00045)	ND (0.00053)
Chlorobromomethane	NA	NA	NA	ND (0.0018)	ND (0.0021)
Chloroethane	NA	NA	NA	ND (0.0018)	ND (0.0021)
Chloroform (Trichloromethane)	0.37	24	0.37	ND (0.0013)	ND (0.0016)
Chloromethane (Methyl Chloride)	NA	NA	NA	ND (0.0036)	ND (0.0042)
cis-1,2-Dichloroethene	0.19	41	0.19	ND (0.0009)	ND (0.001)
cis-1,3-Dichloropropene	NA	NA	NA	ND (0.00045)	ND (0.00053)
Cymene (p-Isopropyltoluene)	NA	NA	NA	ND (0.0009)	0.0025
Dibromochloromethane	NA	NA	NA	ND (0.0009)	ND (0.001)
Dibromomethane	NA	NA	NA	ND (0.0018)	ND (0.0021)
Dichlorodifluoromethane (CFC-12)	NA	NA	NA	ND (0.009)	ND (0.01)
Ethyl Ether	NA	NA	NA	ND (0.0018)	ND (0.0021)
Ethylbenzene	1	76	1	ND (0.0009)	0.16
Hexachlorobutadiene	NA	NA	NA	ND (0.0036)	ND (0.0042)
Isopropylbenzene (Cumene)	NA	NA	NA	ND (0.0009)	0.018
m,p-Xylenes	NA	NA	NA	ND (0.0018)	0.1
Methyl Tert Butyl Ether (MTBE)	0.1	100	0.1	ND (0.0018)	ND (0.0021)
Methylene chloride (Dichloromethane)	0.05	81	0.05	ND (0.0045)	ND (0.0053)
Naphthalene	12	100	12	ND (0.0036)	0.086
n-Butylbenzene	18	100	18	ND (0.0009)	0.014
n-Propylbenzene	5	100	5	ND (0.0009)	0.066
o-Xylene	NA	NA	NA	ND (0.0009)	0.0015
Styrene	NA	NA	NA	ND (0.0009)	ND (0.001)
tert-Butylbenzene	11	100	11	ND (0.0018)	ND (0.0021)
Tetrachloroethene	1.3	18	1.3	ND (0.00045)	ND (0.00053)
Toluene	0.7	100	0.7	ND (0.0009)	ND (0.001)
trans-1,2-Dichloroethene	0.19	100	0.19	ND (0.0013)	ND (0.0016)
trans-1,3-Dichloropropene	NA	NA	NA	ND (0.0009)	ND (0.001)
trans-1,4-Dichloro-2-butene	NA	NA	NA	ND (0.0045)	ND (0.0053)
Trichloroethene	0.47	6.4	0.47	ND (0.00045)	ND (0.00053)
Trichlorofluoromethane (CFC-11)	NA	NA	NA	ND (0.0036)	ND (0.0042)
Vinyl acetate	NA	NA	NA	ND (0.009)	ND (0.01)
Vinyl chloride	0.03	0.48	0.03	ND (0.0009)	ND (0.001)
Xylene (Total)	1.2	100	0.26	ND (0.0009)	0.1

TABLE 1
SUMMARY OF ENDPOINT ANALYTICAL RESULTS
860 FLUSHING AVENUE DEVELOPMENT SITE
BROOKLYN, NEW YORK

Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	Criteria				
	Restricted Use Soil Cleanup Objectives - Protection of Groundwater 2025	Restricted Use Soil Cleanup Objectives - Residential 2025	Unrestricted Use Soil Cleanup Objectives 2025	EP-02 EP-02_10 07/02/2026 L2641792-02 10 - 10.5 (ft)	EP-03 EP-03_10 07/02/2026 L2641792-03 10 - 10.5 (ft)
Semi-Volatile Organic Compounds (mg/kg)					
1,2,4,5-Tetrachlorobenzene	NA	NA	NA	ND (0.19)	ND (0.18)
1,2,4-Trichlorobenzene	NA	NA	NA	ND (0.19)	ND (0.18)
1,2-Dichlorobenzene	1.1	100	1.1	ND (0.19)	ND (0.18)
1,3-Dichlorobenzene	2.6	38	2.6	ND (0.19)	ND (0.18)
1,4-Dichlorobenzene	1.8	24	1.8	ND (0.19)	ND (0.18)
1,4-Dioxane	0.1	5.7	0.1	ND (0.028)	ND (0.027)
2,2'-oxybis(1-Chloropropane)	NA	NA	NA	ND (0.22)	ND (0.22)
2,4,5-Trichlorophenol	NA	NA	NA	ND (0.19)	ND (0.18)
2,4,6-Trichlorophenol	NA	NA	NA	ND (0.11)	ND (0.11)
2,4-Dichlorophenol	NA	NA	NA	ND (0.17)	ND (0.16)
2,4-Dimethylphenol	NA	NA	NA	ND (0.19)	ND (0.18)
2,4-Dinitrophenol	NA	NA	NA	ND (0.9)	ND (0.87)
2,4-Dinitrotoluene	NA	NA	NA	ND (0.19)	ND (0.18)
2,6-Dinitrotoluene	NA	NA	NA	ND (0.19)	ND (0.18)
2-Chloronaphthalene	NA	NA	NA	ND (0.19)	ND (0.18)
2-Chlorophenol	NA	NA	NA	ND (0.19)	ND (0.18)
2-Methylnaphthalene	NA	NA	NA	ND (0.22)	ND (0.22)
2-Methylphenol (o-Cresol)	0.33	100	0.33	ND (0.19)	ND (0.18)
2-Nitroaniline	NA	NA	NA	ND (0.19)	ND (0.18)
2-Nitrophenol	NA	NA	NA	ND (0.4)	ND (0.39)
3&4-Methylphenol	NA	NA	NA	ND (0.27)	ND (0.26)
3,3'-Dichlorobenzidine	NA	NA	NA	ND (0.19)	ND (0.18)
3-Nitroaniline	NA	NA	NA	ND (0.19)	ND (0.18)
4,6-Dinitro-2-methylphenol	NA	NA	NA	ND (0.49)	ND (0.47)
4-Bromophenyl phenyl ether (BDE-3)	NA	NA	NA	ND (0.19)	ND (0.18)
4-Chloro-3-methylphenol	NA	NA	NA	ND (0.19)	ND (0.18)
4-Chloroaniline	NA	NA	NA	ND (0.19)	ND (0.18)
4-Chlorophenyl phenyl ether	NA	NA	NA	ND (0.19)	ND (0.18)
4-Nitroaniline	NA	NA	NA	ND (0.19)	ND (0.18)
4-Nitrophenol	NA	NA	NA	ND (0.26)	ND (0.25)
Acenaphthene	98	100	20	ND (0.15)	ND (0.14)
Acenaphthylene	365	100	100	ND (0.15)	ND (0.14)
Acetophenone	NA	NA	NA	ND (0.19)	ND (0.18)
Anthracene	1000	100	100	ND (0.11)	ND (0.11)
Benzo(a)anthracene	1	1.4	1	0.14	ND (0.11)
Benzo(a)pyrene	22	1	1	0.12 J	ND (0.14)
Benzo(b)fluoranthene	2.1	1.4	1	0.14	ND (0.11)
Benzo(g,h,i)perylene	1000	4.9	0.64	0.064 J	ND (0.14)
Benzo(k)fluoranthene	2	4.9	0.8	0.033 J	ND (0.11)
Benzoic acid	NA	NA	NA	ND (0.61)	ND (0.59)
Benzyl Alcohol	NA	NA	NA	ND (0.19)	ND (0.18)
Biphenyl	NA	NA	NA	ND (0.43)	ND (0.41)
bis(2-Chloroethoxy)methane	NA	NA	NA	ND (0.2)	ND (0.2)
bis(2-Chloroethyl)ether	NA	NA	NA	ND (0.17)	ND (0.16)
bis(2-Ethylhexyl)phthalate	NA	NA	NA	ND (0.19)	ND (0.18)
Butyl benzylphthalate (BBP)	NA	NA	NA	ND (0.19)	ND (0.18)
Carbazole	NA	NA	NA	ND (0.19)	ND (0.18)
Chrysene	1	4.9	1	0.16	ND (0.11)
Dibenz(a,h)anthracene	1000	0.33	0.33	ND (0.11)	ND (0.11)
Dibenzofuran	110	18	2.1	ND (0.19)	ND (0.18)
Diethyl phthalate	NA	NA	NA	ND (0.19)	ND (0.18)
Dimethyl phthalate	NA	NA	NA	ND (0.19)	ND (0.18)
Di-n-butylphthalate (DBP)	NA	NA	NA	ND (0.19)	ND (0.18)
Di-n-octyl phthalate (DnOP)	NA	NA	NA	ND (0.19)	ND (0.18)
Fluoranthene	1000	100	85	0.21	ND (0.11)
Fluorene	386	100	30	ND (0.19)	ND (0.18)
Hexachlorobenzene	3.2	0.33	0.33	ND (0.11)	ND (0.11)
Hexachlorobutadiene	NA	NA	NA	ND (0.19)	ND (0.18)
Hexachlorocyclopentadiene	NA	NA	NA	ND (0.54)	ND (0.52)
Hexachloroethane	NA	NA	NA	ND (0.15)	ND (0.14)
Indeno(1,2,3-cd)pyrene	6.6	1.4	0.5	0.053 J	ND (0.14)
Isophorone	NA	NA	NA	ND (0.17)	ND (0.16)
Naphthalene	12	100	12	ND (0.19)	ND (0.18)
Nitrobenzene	0.08	1.8	0.08	ND (0.037)	ND (0.036)
N-Nitrosodi-n-propylamine	NA	NA	NA	ND (0.19)	ND (0.18)
N-Nitrosodiphenylamine	NA	NA	NA	ND (0.15)	ND (0.14)
Pentachlorophenol	0.8	1.3	0.8	ND (0.15)	ND (0.14)
Phenanthrene	1000	4.9	1.1	0.12	ND (0.11)
Phenol	0.33	100	0.33	ND (0.19)	ND (0.18)
Pyrene	1000	100	64	0.32	ND (0.11)

TABLE 1
SUMMARY OF ENDPOINT ANALYTICAL RESULTS
860 FLUSHING AVENUE DEVELOPMENT SITE
BROOKLYN, NEW YORK

Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	Criteria				
	Restricted Use Soil Cleanup Objectives - Protection of Groundwater 2025	Restricted Use Soil Cleanup Objectives - Residential 2025	Unrestricted Use Soil Cleanup Objectives 2025	EP-02 EP-02_10 07/02/2026 L2641792-02 10 - 10.5 (ft)	EP-03 EP-03_10 07/02/2026 L2641792-03 10 - 10.5 (ft)
PFAS (mg/kg)					
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NA	NA	NA	ND (0.000839)	ND (0.000821)
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	NA	NA	NA	ND (0.00524)	ND (0.00513)
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	NA	NA	NA	ND (0.00524)	ND (0.00513)
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	NA	NA	NA	ND (0.00105)	ND (0.00103)
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	NA	NA	NA	ND (0.000839)	ND (0.000821)
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	NA	NA	NA	ND (0.000839)	ND (0.000821)
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	NA	NA	ND (0.000839)	ND (0.000821)
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	NA	NA	ND (0.000839)	ND (0.000821)
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	NA	NA	NA	ND (0.000839)	ND (0.000821)
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	NA	NA	ND (0.00021)	ND (0.000205)
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	NA	NA	NA	ND (0.00021)	ND (0.000205)
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	NA	NA	NA	ND (0.0021)	ND (0.00205)
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NA	NA	NA	ND (0.00021)	ND (0.000205)
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	NA	NA	NA	ND (0.00021)	ND (0.000205)
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	NA	NA	NA	ND (0.0021)	ND (0.00205)
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	NA	NA	ND (0.000419)	ND (0.00041)
Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	NA	NA	NA	ND (0.000419)	ND (0.00041)
Perfluoro(4-methoxybutanoic) acid (PFMBA)	NA	NA	NA	ND (0.000419)	ND (0.00041)
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	NA	NA	NA	ND (0.000839)	ND (0.000821)
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	NA	NA	ND (0.000419)	ND (0.00041)
Perfluorobutanesulfonic acid (PFBS)	NA	NA	NA	ND (0.00021)	ND (0.000205)
Perfluorobutanoic acid (PFBA)	NA	NA	NA	ND (0.000839)	ND (0.000821)
Perfluorodecanesulfonic acid (PFDS)	NA	NA	NA	ND (0.00021)	ND (0.000205)
Perfluorodecanoic acid (PFDA)	NA	NA	NA	ND (0.00021)	ND (0.000205)
Perfluorododecane sulfonic acid (PFDoDS)	NA	NA	NA	ND (0.00021)	ND (0.000205)
Perfluorododecanoic acid (PFDoDA)	NA	NA	NA	ND (0.00021)	ND (0.000205)
Perfluoroheptanesulfonic acid (PFHpS)	NA	NA	NA	ND (0.00021)	ND (0.000205)
Perfluoroheptanoic acid (PFHpA)	NA	NA	NA	ND (0.00021)	ND (0.000205)
Perfluorohexanesulfonic acid (PFHxS)	NA	NA	NA	ND (0.00021)	ND (0.000205)
Perfluorohexanoic acid (PFHxA)	NA	NA	NA	ND (0.00021)	ND (0.000205)
Perfluorononane sulfonic acid (PFNS)	NA	NA	NA	ND (0.00021)	ND (0.000205)
Perfluorononanoic acid (PFNA)	NA	NA	NA	ND (0.00021)	ND (0.000205)
Perfluorooctane sulfonamide (PFOSA)	NA	NA	NA	ND (0.00021)	ND (0.000205)
Perfluorooctanesulfonic acid (PFOS)	0.001	0.044	0.00088	ND (0.00021)	ND (0.000205)
Perfluorooctanoic acid (PFOA)	0.0008	0.033	0.00066	ND (0.00021)	ND (0.000205)
Perfluoropentanesulfonic acid (PFPeS)	NA	NA	NA	ND (0.00021)	ND (0.000205)
Perfluoropentanoic acid (PFPeA)	NA	NA	NA	ND (0.000419)	ND (0.00041)
Perfluorotetradecanoic acid (PFTeDA)	NA	NA	NA	ND (0.00021)	ND (0.000205)
Perfluorotridecanoic acid (PFTrDA)	NA	NA	NA	ND (0.00021)	ND (0.000205)
Perfluoroundecanoic acid (PFUnDA)	NA	NA	NA	ND (0.00021)	ND (0.000205)
Pesticides (mg/kg)					
4,4'-DDD	14	5	0.0033	ND (0.00177)	ND (0.0017)
4,4'-DDE	9.3	3.4	0.0033	ND (0.00177)	ND (0.0017)
4,4'-DDT	135	3.8	0.0033	ND (0.00177)	ND (0.0017)
Aldrin	0.19	0.044	0.0048	ND (0.00177)	ND (0.0017)
alpha-BHC	0.02	0.18	0.02	ND (0.000737)	ND (0.000706)
alpha-Chlordane (cis)	4.5	0.65	0.014	ND (0.00221)	ND (0.00212)
beta-BHC	0.09	0.18	0.021	ND (0.00177)	ND (0.0017)
Chlordane	NA	NA	NA	ND (0.0147)	ND (0.0141)
delta-BHC	0.1	100	0.04	ND (0.00177)	ND (0.0017)
Dieldrin	0.1	0.075	0.005	ND (0.0011)	ND (0.00106)
Endosulfan I	65	35	4.3	ND (0.00177)	ND (0.0017)
Endosulfan II	44	35	4.3	ND (0.00177)	ND (0.0017)
Endosulfan sulfate	47	35	4.3	ND (0.000737)	ND (0.000706)
Endrin	0.06	5.3	0.014	ND (0.000737)	ND (0.000706)
Endrin aldehyde	NA	NA	NA	ND (0.00221)	ND (0.00212)
Endrin ketone	NA	NA	NA	ND (0.00177)	ND (0.0017)
gamma-BHC (Lindane)	0.05	0.21	0.025	ND (0.000737)	ND (0.000706)
gamma-Chlordane (trans)	NA	NA	NA	ND (0.00221)	ND (0.00212)
Heptachlor	0.38	0.53	0.013	ND (0.000884)	ND (0.000848)
Heptachlor epoxide	NA	NA	NA	ND (0.00332)	ND (0.00318)
Methoxychlor	NA	NA	NA	ND (0.00332)	ND (0.00318)
Toxaphene	NA	NA	NA	ND (0.0332)	ND (0.0318)

TABLE 1
SUMMARY OF ENDPOINT ANALYTICAL RESULTS
860 FLUSHING AVENUE DEVELOPMENT SITE
BROOKLYN, NEW YORK

	Criteria				
Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	Restricted Use Soil Cleanup Objectives - Protection of Groundwater 2025	Restricted Use Soil Cleanup Objectives - Residential 2025	Unrestricted Use Soil Cleanup Objectives 2025	EP-02 EP-02_10 07/02/2026 L2641792-02 10 - 10.5 (ft)	EP-03 EP-03_10 07/02/2026 L2641792-03 10 - 10.5 (ft)
Polychlorinated Biphenyls (mg/kg)					
Aroclor-1016 (PCB-1016)	NA	NA	NA	ND (0.0534)	ND (0.0546)
Aroclor-1221 (PCB-1221)	NA	NA	NA	ND (0.0534)	ND (0.0546)
Aroclor-1232 (PCB-1232)	NA	NA	NA	ND (0.0534)	ND (0.0546)
Aroclor-1242 (PCB-1242)	NA	NA	NA	ND (0.0534)	ND (0.0546)
Aroclor-1248 (PCB-1248)	NA	NA	NA	ND (0.0534)	ND (0.0546)
Aroclor-1254 (PCB-1254)	NA	NA	NA	ND (0.0534)	ND (0.0546)
Aroclor-1260 (PCB-1260)	NA	NA	NA	ND (0.0534)	ND (0.0546)
Aroclor-1262 (PCB-1262)	NA	NA	NA	ND (0.0534)	ND (0.0546)
Aroclor-1268 (PCB-1268)	NA	NA	NA	ND (0.0534)	ND (0.0546)
Polychlorinated biphenyls (PCBs)	3.2	1	0.1	ND (0.0534)	ND (0.0546)
Inorganic Compounds (mg/kg)					
Aluminum	NA	NA	NA	4000	4160
Antimony	NA	NA	NA	ND (4.31)	ND (4.33)
Arsenic	16	16	13	1.49	2.36
Barium	820	410	410	39.9	34.9
Beryllium	47	43	4.4	0.389 J	0.428 J
Cadmium	7.5	2.5	2.5	ND (0.861)	ND (0.867)
Calcium	NA	NA	NA	1120	900
Chromium	NA	NA	NA	13.6	13.7
Cobalt	NA	NA	NA	7.19	6.82
Copper	1720	280	50	21.2	17.5
Iron	NA	NA	NA	18500	18000
Lead	450	400	63	9.14	8.75
Magnesium	NA	NA	NA	1610	1700
Manganese	2000	2000	1600	360	313
Mercury	0.73	0.3	0.18	ND (0.072)	ND (0.072)
Nickel	130	320	30	12.3	12.1
Potassium	NA	NA	NA	1240	1150
Selenium	4	110	3.9	ND (1.72)	ND (1.73)
Silver	8.3	110	2	ND (0.431)	ND (0.433)
Sodium	NA	NA	NA	134 J	250
Thallium	NA	NA	NA	ND (1.72)	ND (1.73)
Vanadium	NA	NA	NA	21.5	22.3
Zinc	2480	6600	109	29.2	23.8
Other					
Total Solids (%)	NA	NA	NA	88.3	89.8
Cyanide (mg/kg)	40	13	2.3	ND (1.1)	ND (1)

ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

-: Not Analyzed
bgs: below ground surface
F: Results are considered to be an estimated maximum concentration
ft: feet
I: The lower value for the two columns has been reported due to obvious interference.
J: Value is estimated.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit
P: The RPD between the results for the two columns exceeds the method-specified criteria.

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Unrestricted Use Soil Cleanup Objectives (SCO), Restricted-Use Residential SCOs, and Protection of Groundwater SCO's.
*- **Bold italic** values indicate an exceedance of the Protection of Groundwater Criteria.*
- Grey shading indicates an exceedance of the Unrestricted Use Soil Cleanup Objectives.
- Yellow shading indicates an exceedance of the Restricted Use Residential Soil Cleanup Objectives.

ATTACHMENT A

DECISION DOCUMENT

HALEY ALDRICH

DECISION DOCUMENT

Former BP Gasoline Service Station Site
Brownfield Cleanup Program
Brooklyn, Kings County
Site No. C224424
May 2026



Prepared by
Division of Environmental Remediation
New York State Department of Environmental Conservation

DECLARATION STATEMENT - DECISION DOCUMENT

Former BP Gasoline Service Station Site
Brownfield Cleanup Program
Brooklyn, Kings County
Site No. C224424
May 2026

Statement of Purpose and Basis

This document presents the remedy for the Former BP Gasoline Service Station Site, a brownfield cleanup site. The remedial program was chosen in accordance with the New York State Environmental Conservation Law and Title 6 of the Official Compilation of Codes, Rules and Regulations of the State of New York (6 NYCRR) Part 375.

This decision is based on the Administrative Record of the New York State Department of Environmental Conservation (NYSDEC) for the Former BP Gasoline Service Station Site and the public's input to the proposed remedy presented by NYSDEC.

Description of Selected Remedy

The elements of the selected remedy are as follows:

1. Remedial Design
A remedial design program will be implemented to provide the details necessary for the construction, operation, optimization, maintenance, and monitoring of the remedial program. Green remediation principles and techniques will be implemented to the extent feasible in the design, implementation, and site management of the remedy as per DER-31. The major green remediation components are as follows:

- Considering the environmental impacts of treatment technologies and remedy stewardship over the long term;
- Reducing direct and indirect greenhouse gases and other emissions;
- Increasing energy efficiency and minimizing use of non-renewable energy;
- Conserving and efficiently managing resources and materials;
- Reducing waste, increasing recycling and increasing reuse of materials which would otherwise be considered a waste;
- Maximizing habitat value and creating habitat when possible;
- Fostering green and healthy communities and working landscapes which balance ecological, economic and social goals;
- Integrating the remedy with the end use where possible and encouraging green and sustainable re-development; and
- Additionally, to incorporate green remediation principles and techniques, any future on-site buildings which are part of the remedy should be constructed, to the extent feasible,

to meet the 2020 Energy Conservation Construction Code of New York (or most recent edition) in order to improve energy efficiency as an element of construction.

As part of the remedial design program, to evaluate the remedy with respect to green and sustainable remediation principles, an environmental footprint analysis will be completed. The environmental footprint analysis will be completed using an accepted environmental footprint analysis calculator such as SEFA (Spreadsheets for Environmental Footprint Analysis, USEPA), SiteWise™ (available in the Sustainable Remediation Forum [SURF] library) or similar NYSDEC accepted tool. Water consumption, greenhouse gas emissions, renewable and non-renewable energy use, waste reduction and material use will be estimated, and goals for the project related to these green and sustainable remediation metrics, as well as for minimizing community impacts, protecting habitats and natural and cultural resources, and promoting environmental justice, will be incorporated into the remedial design program, as appropriate. The project design specifications will include detailed requirements to achieve the green and sustainable remediation goals. Further, progress with respect to green and sustainable remediation metrics will be tracked during implementation of the remedial action and reported in the Final Engineering Report (FER), including a comparison to the goals established during the remedial design program.

Additionally, the remedial design program will include a climate change vulnerability assessment, to evaluate the impact of climate change on the project site and the proposed remedy. Potential vulnerabilities associated with extreme weather events (e.g., hurricanes, lightning, heat stress and drought), flooding, and sea level rise will be identified, and the remedial design program will incorporate measures to minimize the impact of climate change on potential identified vulnerabilities.

2. Excavation

The existing on-site building will be demolished and materials which cannot be beneficially reused on site will be taken off-site for proper disposal in order to implement the remedy.

Excavation and off-site disposal of contaminant source areas, including:

- soils that create a nuisance condition, as defined in Commissioner Policy CP-51 Section G; and
- any underground storage tanks (USTs), fuel dispensers, underground piping or other structures associated with a source of contamination.

Excavation and off-site disposal of all on-site soils which exceed restricted-residential SCOs, as defined by 6 NYCRR Part 375-6.8 in the upper 10 feet throughout the site and up to 15 feet in the northwest and central portions of the site.

Approximately 3,990 cubic yards of contaminated soil will be removed from the site. Collection and analysis of confirmation samples at the 10-foot remedial excavation depth will be used to verify that SCOs for the site have been achieved. If confirmation sampling indicates that SCOs were not achieved at the stated remedial depth, the Applicant must notify NYSDEC, submit the sample results and, in consultation with NYSDEC, determine if further remedial excavation is necessary. Further excavation for development will proceed after confirmation samples demonstrate that SCOs for the site have been achieved. In addition, documentation samples will

be collected from the 15-foot excavation depth in the northwest and central portion of the site.

To ensure proper handling and disposal of excavated material, waste characterization sampling will be completed for all identified contaminated site material. Waste characterization sampling will be performed exclusively for the purposes of off-site disposal in a manner suitable to receiving facilities and in conformance with applicable federal, state and local laws, rules, and regulations and facility-specific permits.

3. Backfill
Backfill meeting the requirements of 6 NYCRR Part 375-6.7(d) will be brought in to establish the designed grades at the site.

4. Soil Vapor Extraction
Soil vapor extraction (SVE) will be implemented to remove volatile organic compound (VOC) vapors from the subsurface and prevent off-site migration of contaminated vapor. VOCs will be physically removed from the subsurface by applying a vacuum to wells that have been installed into the vadose zone (the area below the ground but above the water table). The vacuum draws air through the soil matrix which carries the VOC vapors from the soil to the SVE well. The air extracted from the SVE wells is then treated as necessary prior to being discharged to the atmosphere.

Prior to the full implementation of this technology, laboratory and on-site pilot scale studies will be conducted to more clearly define design parameters. SVE wells will be installed into the vadose zone and screened from 19 feet below the ground surface to a depth of approximately 24 feet. The air containing VOCs extracted from the SVE wells will be treated by passing the air stream through activated carbon which removes the VOCs from the air prior to it being discharged to the atmosphere. Upon system startup, SVE wells will be tested to confirm vacuum influence and effectiveness of the system. If there are no SVE wells located near the site boundary of concern, vacuum monitoring points will be installed near the site boundary to evaluate SVE effectiveness at preventing off-site migration of contaminated vapors.

5. Vapor Mitigation
Any on-site buildings will be required to have a sub-slab depressurization system (SSDS), or other acceptable measures, to mitigate the migration of vapors into the building from the subsurface.

Engineering and Institutional Controls
Imposition of an institutional control in the form of an environmental easement and a Site Management Plan (SMP), as described below, will be required. The remedy will achieve a Track 2 restricted residential cleanup at a minimum.

6. Institutional Control
Imposition of an institutional control in the form of an environmental easement for the controlled property which will:

- require the remedial party or site owner to complete and submit to NYSDEC a periodic certification of institutional and engineering controls in accordance with Part 375-1.8 (h)(3);

- allow the use and development of the controlled property for restricted residential use as defined by Part 375-1.8(g), although land use is subject to local zoning laws;
- restrict the use of groundwater as a source of potable or process water, without necessary water quality treatment as determined by the NYSDOH or NYCDOHMH; and
- require compliance with the NYSDEC approved Site Management Plan.

7. Site Management Plan

A Site Management Plan is required, which includes the following:

a) an Institutional and Engineering Control Plan that identifies all use restrictions and engineering controls for the site and details the steps and media-specific requirements necessary to ensure the following institutional and/or engineering controls remain in place and effective:
   - Institutional Controls: The Environmental Easement discussed in Remedy Element 6 above.
   - Engineering Controls: The SVE System discussed in Remedy Element 4 and the Vapor Mitigation System discussed in Remedy Element 5 above.

   This plan includes, but may not be limited to:
   - an Excavation Plan which details the provisions for management of future excavations in areas of remaining contamination;
   - descriptions of the provisions of the environmental easement including any land use and/or groundwater use restrictions;
   - provisions for the management and inspection of the identified engineering controls;
   - maintaining site access controls and NYSDEC notification; and
   - the steps necessary for the periodic reviews and certification of the institutional and/or engineering controls.

b) a Monitoring Plan to assess the performance and effectiveness of the remedy. The plan includes, but may not be limited to:
   - monitoring of soil vapor and indoor air to assess the performance and effectiveness of the remedy;
   - a schedule of monitoring and frequency of submittals to the NYSDEC; and
   - monitoring for vapor intrusion for any buildings on the site, as may be required by the Institutional and Engineering Control Plan discussed above.

c) an Operation and Maintenance (O&M) Plan to ensure continued operation, maintenance, optimization, monitoring, inspection, and reporting of any mechanical or physical components of the remedy. The plan includes, but is not limited to:
   - procedures for operating and maintaining the remedy;
   - compliance monitoring of treatment systems to ensure proper O&M as well as providing the data for any necessary permit or permit equivalent reporting;
   - maintaining site access controls and NYSDEC notification; and
   - providing the NYSDEC access to the site and O&M records.

Declaration

The remedy conforms with promulgated standards and criteria that are directly applicable, or that are relevant and appropriate and takes into consideration NYSDEC guidance, as appropriate. The remedy is protective of public health and the environment.

May 18, 2026

Date

Jane H. O'Connell, P.G.
Remedial Remediation Engineer, Region 2

DECISION DOCUMENT

Former BP Gasoline Service Station Site
Brooklyn, Kings County
Site No. C224424
May 2026

SECTION 1: SUMMARY AND PURPOSE

The New York State Department of Environmental Conservation (NYSDEC), in consultation with the New York State Department of Health (NYSDOH), has selected a remedy for the above referenced site. The disposal of contaminants at the site has resulted in threats to public health and the environment that would be addressed by the remedy. The disposal or release of contaminants at this site, as more fully described in this document, has contaminated various environmental media. Contaminants include hazardous waste and/or petroleum.

The New York State Brownfield Cleanup Program (BCP) is a voluntary program. The goal of the BCP is to enhance private-sector cleanups of brownfields and to reduce development pressure on "greenfields." A brownfield site is real property, where a contaminant is present at levels exceeding the soil cleanup objectives or other health-based or environmental standards, criteria or guidance, based on the reasonably anticipated use of the property.

NYSDEC has issued this document in accordance with the requirements of New York State Environmental Conservation Law and 6 NYCRR Part 375. This document is a summary of the information that can be found in the site-related reports and documents.

SECTION 2: CITIZEN PARTICIPATION

NYSDEC seeks input from the community on all remedies. A public comment period was held during which the public was encouraged to submit comments on the proposed remedy. All comments on the remedy received during the comment period were considered by NYSDEC in selecting a remedy for the site. Site-related reports and documents were made available for review by the public at the following document repositories:

DECInfo Locator - Web Application
https://gisservices.dec.ny.gov/gis/dil/index.html?rs=C224424

Brooklyn Community Board 4
1420 Bushwick Ave Ste 270
Brooklyn, NY 11207
Phone: (718) 628-8400

Brooklyn Public Library - Bushwick Branch
340 Bushwick Ave
Brooklyn, NY 11206
Phone: (718) 602-1348

Receive Site Citizen Participation Information By Email

Please note that NYSDEC's Division of Environmental Remediation (DER) is "going paperless" relative to citizen participation information. The ultimate goal is to distribute citizen participation information about contaminated sites electronically by way of county email listservs. Information will be distributed for all sites that are being investigated and cleaned up in a particular county under the State Superfund Program, Environmental Restoration Program, Brownfield Cleanup Program and Resource Conservation and Recovery Act Program. We encourage the public to sign up for one or more county listservs at http://www.dec.ny.gov/chemical/61092.html

SECTION 3: SITE DESCRIPTION AND HISTORY

Site Location:
The 0.24-acre Former BP Gasoline Service Station site is located at 860 Flushing Avenue, Brooklyn, NY in an urban area. The property is identified as tax block 3138, lot 32 on the New York City tax map. The site is bounded to the north by Flushing Avenue followed by a multi-story residential building that is part of the NYCHA Bushwick Houses complex; to the east by Bushwick Avenue followed by commercial and residential buildings with ground floor commercial use; to the south by a six-story residential building with ground floor commercial use; and to the west by a two-story deli.

Site Features:
The site is an irregularly shaped lot formerly occupied by BP gasoline service station and is currently vacant with construction fence surrounding the site. The former convenience store building and the former pump island canopy remain.

Current Zoning and Land Use:
The site is located in a residential zoning district (R6A) with a commercial overlay (C2-4). The site has been assigned an E-Designation for hazardous materials and noise as part of the Rheingold Rezoning. The site is located in a Disadvantaged Community. The surrounding parcels are currently used for a combination of residential, commercial, and outdoor space. The site is located approximately 350 feet from the nearest school. There are no daycare centers located within 500 feet of the site.

Past Use of the Site:
The site was used as a gasoline filling station with auto service from at least 1979 until 2025. In addition to petroleum retail operations, prior uses include auto washing/inspection/repair and chair manufacturing with paint spraying.

Site Geology and Hydrogeology:
The site is relatively flat and the surrounding area slopes downward towards the northwest. The

elevation of the site is approximately 34-feet above mean sea level. Site soils consist of urban fill in the top 11 to 22 feet, underlain by sand and varying amounts of clay, silt, gravel, and cobbles. Bedrock was not encountered during the investigation. Groundwater is present at approximately 27 feet below ground surface (ft bgs) and flows west towards the East River, which is located approximately 1.8 miles west of the site.

A site location map is attached as Figure 1 and a site layout is attached in Figure 2

SECTION 4: LAND USE AND PHYSICAL SETTING

NYSDEC may consider the current, intended, and reasonably anticipated future land use of the site and its surroundings when evaluating a remedy for soil remediation. For this site, an alternative that restricts the use of the site to restricted-residential use (which allows for commercial use and industrial use) as described in Part 375-1.8(g) was evaluated in addition to an alternative which would allow for unrestricted use of the site.

A comparison of the results of the Remedial Investigation (RI) to the appropriate standards, criteria and guidance values (SCGs) for the identified land use and the unrestricted use SCGs for the site contaminants is available in the RI Report.

SECTION 5: ENFORCEMENT STATUS

The Applicant under the Brownfield Cleanup Agreement is a Volunteer. The Applicant does not have an obligation to address off-site contamination. However, NYSDEC, in consultation with NYSDOH, has determined that this site does not pose a significant threat to public health or the environment; accordingly, no enforcement actions are necessary.

SECTION 6: SITE CONTAMINATION

6.1: Summary of the Remedial Investigation

A remedial investigation (RI) serves as the mechanism for collecting data to:

- characterize site conditions;
- determine the nature of the contamination; and
- assess risk to human health and the environment.

The RI is intended to identify the nature (or type) of contamination which may be present at a site and the extent of that contamination in the environment on the site, or leaving the site. The RI reports on data gathered to determine if the soil, groundwater, soil vapor, indoor air, surface water or sediments may have been contaminated. Monitoring wells are installed to assess groundwater and soil borings or test pits are installed to sample soil and/or waste(s) identified. If other natural resources are present, such as surface water bodies or wetlands, the water and sediment may be sampled as well. Based on the presence of contaminants in soil and groundwater, soil vapor will also be sampled for the presence of contamination. Data collected in the RI influence the development of remedial alternatives. The RI report is available for review in the site document

repository and the results are summarized in section 6.3.

The analytical data collected on this site includes data for:

- groundwater
- soil
- soil vapor

6.1.1: Standards, Criteria, and Guidance (SCGs)

The remedy must conform to promulgated standards and criteria that are directly applicable or that are relevant and appropriate. The selection of a remedy must also take into consideration guidance, as appropriate. Standards, Criteria and Guidance are hereafter called SCGs.

To determine whether the contaminants identified in various media are present at levels of concern, the data from the RI were compared to media-specific SCGs. NYSDEC has developed SCGs for groundwater, surface water, sediments, and soil. The NYSDOH has developed SCGs for drinking water and soil vapor intrusion. For a full listing of all SCGs see: http://www.dec.ny.gov/regulations/61794.html

6.1.2: RI Results

The data have identified contaminants of concern. A "contaminant of concern" is a contaminant that is sufficiently present in frequency and concentration in the environment to require evaluation for remedial action. Not all contaminants identified on the property are contaminants of concern. The nature and extent of contamination and environmental media requiring action are summarized below. Additionally, the RI Report contains a full discussion of the data. The contaminants of concern identified at this site are:

benzo(a)anthracene	1,3,5-trimethylbenzene
fluoranthene	xylene (total)
pyrene	benzene
barium	ethylbenzene
copper	tetrachloroethene (PCE)
lead	cyclohexane
mercury	2,2,4-trimethylpentane

The contaminants of concern exceed the applicable SCGs for:

- groundwater
- soil

6.2: Interim Remedial Measures

An interim remedial measure (IRM) is conducted at a site when a source of contamination or exposure pathway can be effectively addressed before issuance of the Decision Document.

There were no IRMs performed at this site during the RI.

6.3: Summary of Environmental Assessment

This section summarizes the assessment of existing and potential future environmental impacts presented by the site. Environmental impacts may include existing and potential future exposure pathways to fish and wildlife receptors, wetlands, groundwater resources, and surface water. The RI report presents a detailed discussion of any existing and potential impacts from the site to fish and wildlife receptors.

Nature and Extent of Contamination

Soil and groundwater were analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), metals, polychlorinated biphenyls (PCBs), per- and polyfluoroalkyl substances (PFAS), and pesticides. Soil vapor samples were analyzed for VOCs. Based upon investigations conducted to date, the primary contaminants of concern are SVOCs and metals in soil; and VOCs in soil vapor.

Soil - Sample results were compared against the restricted residential soil cleanup objectives (RRSCO). SVOCs were detected including maximum concentrations of benzo(a)anthracene at 53.8 parts per million, or ppm (RRSCO of 1.4 ppm); fluoranthene at 141 ppm (RRSCO of 100 ppm); and pyrene at 114 ppm (RRSCO of 100 ppm). Metals were detected including maximum concentration of barium at 3,160 ppm (RRSCO of 410 ppm), copper at 305 ppm (RRSCO of 280 ppm), lead at 3,150 ppm (RRSCO of 400 ppm), and mercury at 6.07 ppm (RRSCO of 0.30 ppm). Lead was further analyzed using Toxic Characteristic Leaching Procedure (TCLP) and detected at 5.54 mg/L which exceeded the USEPA Allowable Limit of 5 mg/L for hazardous lead. PFAS, VOCs, pesticides, and PCBs were either not detected or were detected at concentrations below RRSCOs.

Data does not indicate any off-site impacts in soil related to the site.

Groundwater - Groundwater sample results were compared to NYSDEC Ambient Water Quality Standards and Guidance Values (AWQSGV). VOCs were detected including maximum concentrations of benzene at 3.4 parts per billion, or ppb (AWQSGV of 1 ppb), ethylbenzene at 19 ppb (AWQSGV of 5 ppb), xylene (total) at 39 ppb (AWQSGV of 5 ppb), chloroform at 14 ppb (AWQSGV of 7 ppb), 1,3,5-trimethylbenzene at 13 ppb (AWQSGV of 5 ppb), and naphthalene at 21 ppb (AWQSGV of 10 ppb). SVOCs were detected including maximum concentrations of benzo(a)anthracene at 0.57 ppb (AWQSGV of 0.002 ppb), benzo(b)fluoranthene at 0.7 ppb (AWQSGV is 0.002 ppb), and indeno(1,2,3-cd)pyrene at 0.48 ppb (AWQSGV is 0.002 ppb). Perfluorooctane sulfonic acid (PFOS) was detected at a maximum concentration of 31.9 parts per trillion, or ppt (AWQSGV of 2.7 ppt) and perfluorooctanoic acid (PFOA) was detected at a maximum concentration of 94.7 ppt (AWQSGV of 6.7 ppt). Metals detected in unfiltered groundwater samples include maximum concentrations of chromium at 201.2 ppb (AWQSGV of 50 ppb), nickel at 102.3 ppb (AWQSGV of 100 ppb), and lead at 94.14 ppb (AWQSGV of 100 ppb). However, in filtered groundwater samples, which are more representative of dissolved

metals concentrations, only naturally occurring elements such as iron, sodium, and manganese were detected. Pesticides and PCBs were not detected above the AWQSGV in any groundwater samples.

Data does not indicate any off-site impacts in groundwater related to the site.

Soil Vapor - Both petroleum and chlorinated solvent VOCs were identified in soil vapor samples, with the highest concentrations of VOCs in the northern part of the site. Detections of petroleum-related VOCs include maximum concentrations of total xylenes at 6,400 micrograms per cubic meter (ug/m3), cyclohexane at 15,000 ug/m3, 2,2,4-Trimethylpentane at 34,000 ug/m3, and 1,3,5-Trimethylbenzene at 4,000 ug/m3. Detections of chlorinated VOCs include maximum concentrations of tetrachloroethylene (PCE) at 86 ug/m3.

Data does not indicate any off-site impacts in soil vapor related to the site.

6.4: Summary of Human Exposure Pathways

This human exposure assessment identifies ways in which people may be exposed to site-related contaminants. Chemicals can enter the body through three major pathways (breathing, touching or swallowing). This is referred to as *exposure.*

Since the site is fenced and covered by asphalt or concrete, people will not come into contact with site-related soil and groundwater contamination unless they dig below the surface. People are not drinking the contaminated groundwater because the area is serviced by a public water supply that is not affected by this condition. Volatile organic compounds in soil vapor (air spaces within the soil) may move into buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. The site is vacant so inhalation of site contaminants in indoor air via vapor intrusion is not a current concern. However, the potential exists for inhalation of site contaminants due to soil vapor intrusion for any future on-site development. In addition, environmental sampling indicates soil vapor intrusion from site contaminants is not a concern for off-site buildings.

6.5: Summary of the Remediation Objectives

The objectives for the remedial program have been established through the remedy selection process stated in 6 NYCRR Part 375. The goal for the remedial program is to restore the site to pre-disposal conditions to the extent feasible. At a minimum, the remedy shall eliminate or mitigate all significant threats to public health and the environment presented by the contamination identified at the site through the proper application of scientific and engineering principles.

The remedial action objectives (RAOs) for this site are:

Groundwater

RAOs for Public Health Protection

- Prevent ingestion of groundwater with contaminant levels exceeding drinking water standards.

- Prevent contact with, or inhalation of, volatiles from contaminated groundwater.

Soil

RAOs for Public Health Protection

- Prevent ingestion/direct contact with contaminated soil.
- Prevent inhalation of or exposure from contaminants volatilizing from contaminants in soil.

RAOs for Environmental Protection

- Prevent migration of contaminants that would result in groundwater or surface water contamination.

Soil Vapor

RAOs for Public Health Protection

- Mitigate impacts to public health resulting from existing, or the potential for, soil vapor intrusion into buildings at a site.

SECTION 7: ELEMENTS OF THE SELECTED REMEDY

The alternatives developed for the site and the evaluation of the remedial criteria are presented in the Alternative Analysis. The remedy is selected pursuant to the remedy selection criteria set forth in DER-10, Technical Guidance for Site Investigation and Remediation and 6 NYCRR Part 375.

The selected remedy is a Track 2: Restricted Residential use with generic soil cleanup objectives remedy.

The selected remedy is referred to as the Excavation, SVE, and SSDS remedy.

The elements of the selected remedy, as shown in Figure 3 through Figure 6, are as follows:

1. Remedial Design

A remedial design program will be implemented to provide the details necessary for the construction, operation, optimization, maintenance, and monitoring of the remedial program. Green remediation principles and techniques will be implemented to the extent feasible in the design, implementation, and site management of the remedy as per DER-31. The major green remediation components are as follows:

- Considering the environmental impacts of treatment technologies and remedy stewardship over the long term;
- Reducing direct and indirect greenhouse gases and other emissions;
- Increasing energy efficiency and minimizing use of non-renewable energy;
- Conserving and efficiently managing resources and materials;
- Reducing waste, increasing recycling and increasing reuse of materials which would otherwise be considered a waste;
- Maximizing habitat value and creating habitat when possible;
- Fostering green and healthy communities and working landscapes which balance ecological, economic and social goals;

- Integrating the remedy with the end use where possible and encouraging green and sustainable re-development; and
- Additionally, to incorporate green remediation principles and techniques, any future on-site buildings which are part of the remedy should be constructed, to the extent feasible, to meet the 2020 Energy Conservation Construction Code of New York (or most recent edition) in order to improve energy efficiency as an element of construction.

As part of the remedial design program, to evaluate the remedy with respect to green and sustainable remediation principles, an environmental footprint analysis will be completed. The environmental footprint analysis will be completed using an accepted environmental footprint analysis calculator such as SEFA (Spreadsheets for Environmental Footprint Analysis, USEPA), SiteWise™ (available in the Sustainable Remediation Forum [SURF] library) or similar NYSDEC accepted tool. Water consumption, greenhouse gas emissions, renewable and non-renewable energy use, waste reduction and material use will be estimated, and goals for the project related to these green and sustainable remediation metrics, as well as for minimizing community impacts, protecting habitats and natural and cultural resources, and promoting environmental justice, will be incorporated into the remedial design program, as appropriate. The project design specifications will include detailed requirements to achieve the green and sustainable remediation goals. Further, progress with respect to green and sustainable remediation metrics will be tracked during implementation of the remedial action and reported in the Final Engineering Report (FER), including a comparison to the goals established during the remedial design program.

Additionally, the remedial design program will include a climate change vulnerability assessment, to evaluate the impact of climate change on the project site and the proposed remedy. Potential vulnerabilities associated with extreme weather events (e.g., hurricanes, lightning, heat stress and drought), flooding, and sea level rise will be identified, and the remedial design program will incorporate measures to minimize the impact of climate change on potential identified vulnerabilities.

2. Excavation

The existing on-site building will be demolished and materials which cannot be beneficially reused on site will be taken off-site for proper disposal in order to implement the remedy.

Excavation and off-site disposal of contaminant source areas, including:

- soils that create a nuisance condition, as defined in Commissioner Policy CP-51 Section G; and
- any underground storage tanks (USTs), fuel dispensers, underground piping or other structures associated with a source of contamination.

Excavation and off-site disposal of all on-site soils which exceed restricted-residential SCOs, as defined by 6 NYCRR Part 375-6.8 in the upper 10 feet throughout the site and up to 15 feet in the northwest and central portions of the site.

Approximately 3,990 cubic yards of contaminated soil will be removed from the site. Collection and analysis of confirmation samples at the 10-foot remedial excavation depth will be used to verify that SCOs for the site have been achieved. If confirmation sampling indicates that SCOs

were not achieved at the stated remedial depth, the Applicant must notify NYSDEC, submit the sample results and, in consultation with NYSDEC, determine if further remedial excavation is necessary. Further excavation for development will proceed after confirmation samples demonstrate that SCOs for the site have been achieved. In addition, documentation samples will be collected from the 15-foot excavation depth in the northwest and central portion of the site.

To ensure proper handling and disposal of excavated material, waste characterization sampling will be completed for all identified contaminated site material. Waste characterization sampling will be performed exclusively for the purposes of off-site disposal in a manner suitable to receiving facilities and in conformance with applicable federal, state and local laws, rules, and regulations and facility-specific permits.

3. Backfill
Backfill meeting the requirements of 6 NYCRR Part 375-6.7(d) will be brought in to establish the designed grades at the site.

4. Soil Vapor Extraction
Soil vapor extraction (SVE) will be implemented to remove volatile organic compound (VOC) vapors from the subsurface and prevent off-site migration of contaminated vapor. VOCs will be physically removed from the subsurface by applying a vacuum to wells that have been installed into the vadose zone (the area below the ground but above the water table). The vacuum draws air through the soil matrix which carries the VOC vapors from the soil to the SVE well. The air extracted from the SVE wells is then treated as necessary prior to being discharged to the atmosphere.

Prior to the full implementation of this technology, laboratory and on-site pilot scale studies will be conducted to more clearly define design parameters. SVE wells will be installed into the vadose zone and screened from 19 feet below the ground surface to a depth of approximately 24 feet. The air containing VOCs extracted from the SVE wells will be treated by passing the air stream through activated carbon which removes the VOCs from the air prior to it being discharged to the atmosphere. Upon system startup, SVE wells will be tested to confirm vacuum influence and effectiveness of the system. If there are no SVE wells located near the site boundary of concern, vacuum monitoring points will be installed near the site boundary to evaluate SVE effectiveness at preventing off-site migration of contaminated vapors.

5. Vapor Mitigation
Any on-site buildings will be required to have a sub-slab depressurization system (SSDS), or other acceptable measures, to mitigate the migration of vapors into the building from the subsurface.

Engineering and Institutional Controls
Imposition of an institutional control in the form of an environmental easement and a Site Management Plan (SMP), as described below, will be required. The remedy will achieve a Track 2 restricted residential cleanup at a minimum.

6. Institutional Control
Imposition of an institutional control in the form of an environmental easement for the controlled

property which will:

- require the remedial party or site owner to complete and submit to NYSDEC a periodic certification of institutional and engineering controls in accordance with Part 375-1.8 (h)(3);
- allow the use and development of the controlled property for restricted residential use as defined by Part 375-1.8(g), although land use is subject to local zoning laws;
- restrict the use of groundwater as a source of potable or process water, without necessary water quality treatment as determined by the NYSDOH or NYCDOHMH; and
- require compliance with the NYSDEC approved Site Management Plan.

7. Site Management Plan

A Site Management Plan is required, which includes the following:

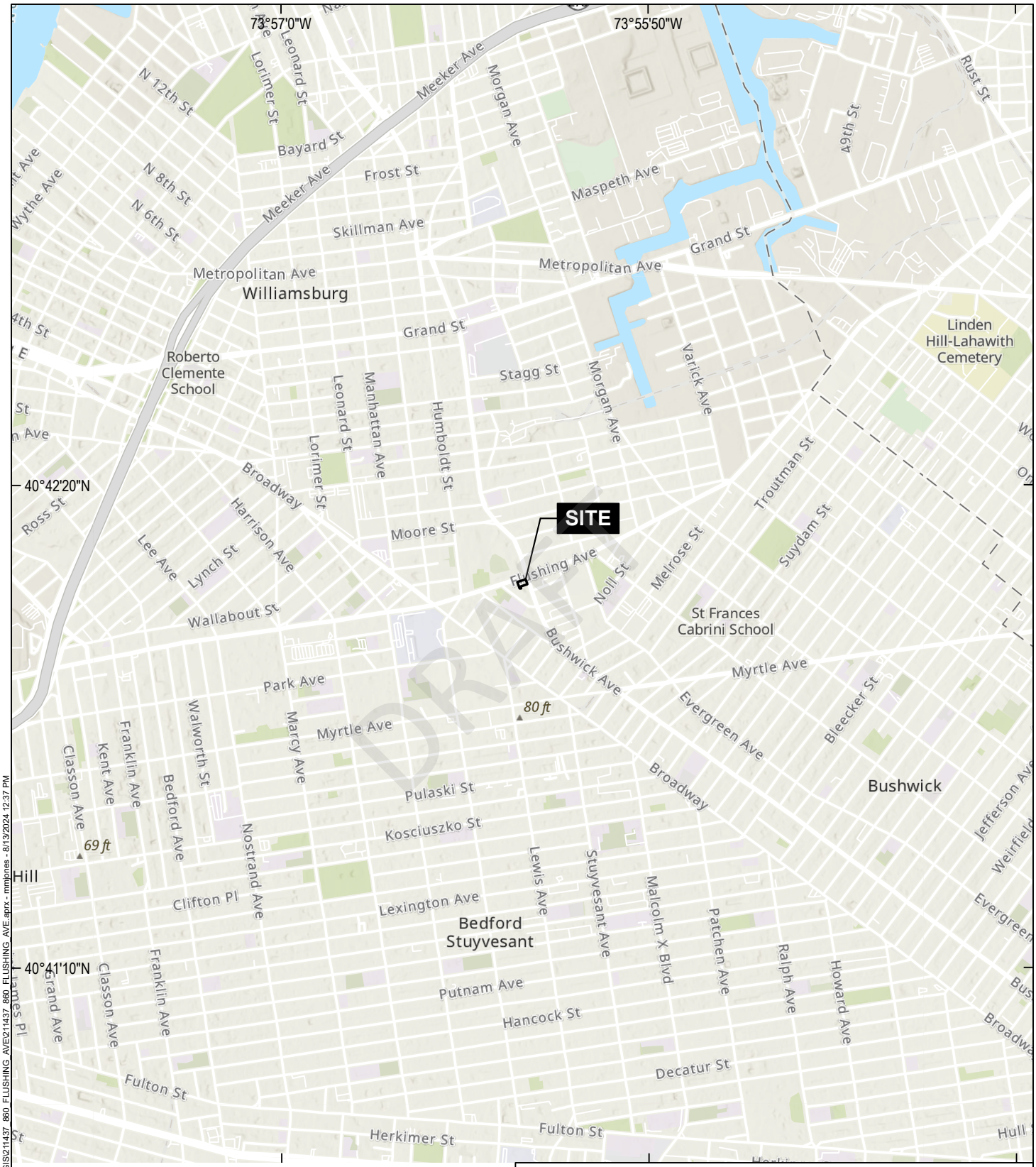
a) an Institutional and Engineering Control Plan that identifies all use restrictions and engineering controls for the site and details the steps and media-specific requirements necessary to ensure the following institutional and/or engineering controls remain in place and effective:
   - Institutional Controls: The Environmental Easement discussed in Remedy Element 6 above.
   - Engineering Controls: The SVE System discussed in Remedy Element 4 and the Vapor Mitigation System discussed in Remedy Element 5 above.

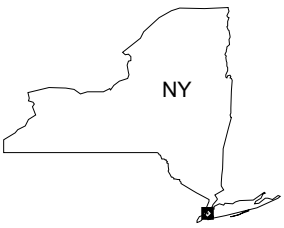
   This plan includes, but may not be limited to:
   - an Excavation Plan which details the provisions for management of future excavations in areas of remaining contamination;
   - descriptions of the provisions of the environmental easement including any land use and/or groundwater use restrictions;
   - provisions for the management and inspection of the identified engineering controls;
   - maintaining site access controls and NYSDEC notification; and
   - the steps necessary for the periodic reviews and certification of the institutional and/or engineering controls.

b) a Monitoring Plan to assess the performance and effectiveness of the remedy. The plan includes, but may not be limited to:
   - monitoring of soil vapor and indoor air to assess the performance and effectiveness of the remedy;
   - a schedule of monitoring and frequency of submittals to the NYSDEC; and
   - monitoring for vapor intrusion for any buildings on the site, as may be required by the Institutional and Engineering Control Plan discussed above.

c) an Operation and Maintenance (O&M) Plan to ensure continued operation, maintenance, optimization, monitoring, inspection, and reporting of any mechanical or physical components of the remedy. The plan includes, but is not limited to:
   - procedures for operating and maintaining the remedy;
   - compliance monitoring of treatment systems to ensure proper O&M as well as providing the data for any necessary permit or permit equivalent reporting;
   - maintaining site access controls and NYSDEC notification; and

- providing the NYSDEC access to the site and O&M records.







MAP SOURCE: ESRI
SITE COORDINATES: 40°42'06"N, 73°56'14"W

HALEY ALDRICH

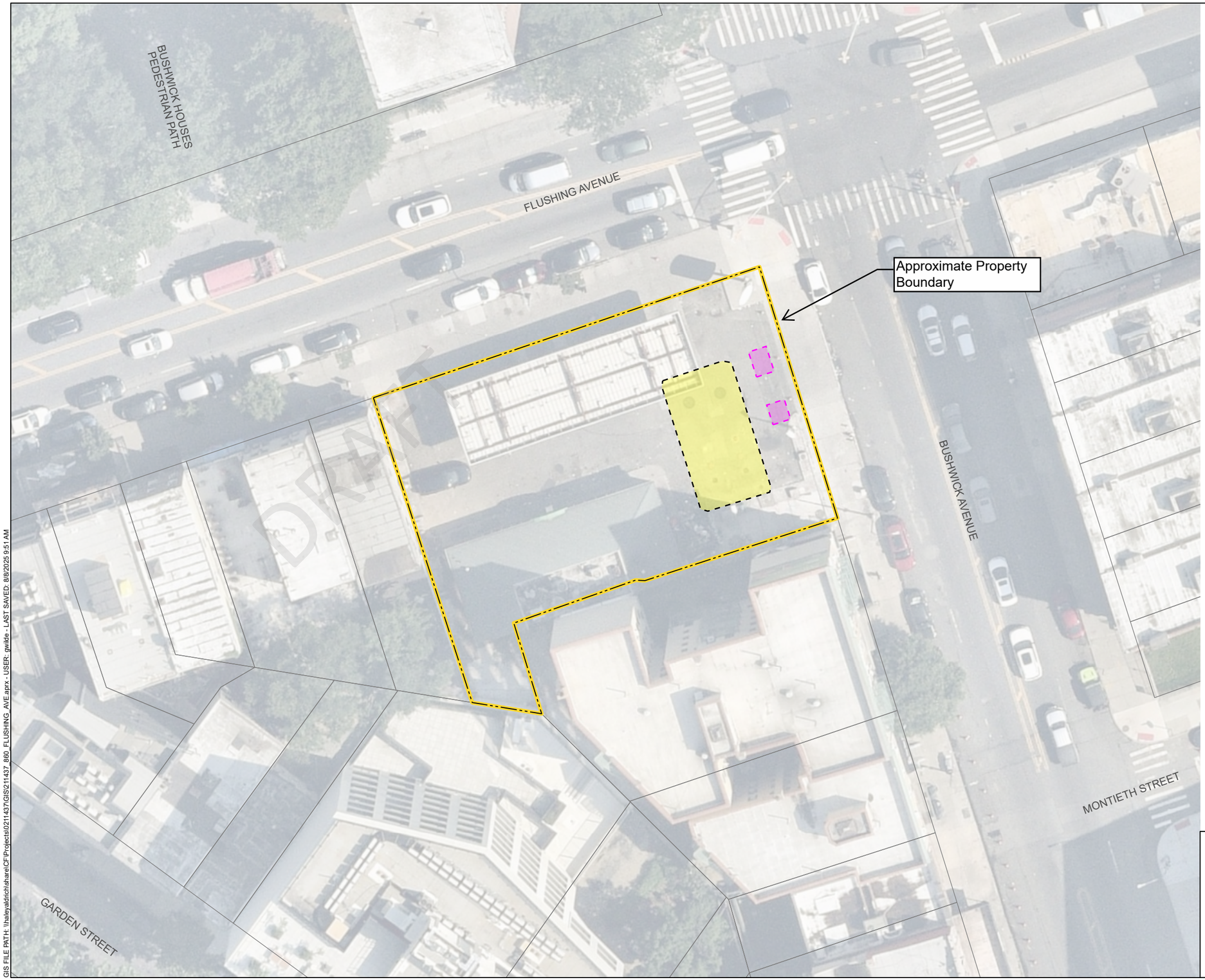
860 FLUSHING AVENUE
BROOKLYN, NEW YORK

SITE LOCATION

APPROXIMATE SCALE: 1 IN = 2000 FT
SEPTEMBER 2025

FIGURE 1

GIS: \\haleyaldrich.com\share\CF\Projects\021143\7\GIS\211437_860_FLUSHING_AVE\211437_860_FLUSHING_AVE aprx - mmjones - 8/13/2024 12:37 PM



LEGEND

- SITE BOUNDARY
- PARCEL BOUNDARY
- LOCATION OF TWO EXISTING 12,000-GALLON DOUBLE-WALLED FIBERGLASS UNDERGROUND STORAGE TANKS - ASSUMED LOCATION OF THREE FORMER 4,000-GALLON STEEL UNDERGROUND STORAGE TANKS
- SUBSURFACE ANOMALIES DETECTED DURING GROUND-PENETRATING RADAR SURVEY ON JULY 21, 2025

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. PARCEL DATA SOURCE: NEW YORK CITY DEPARTMENT OF CITY PLANNING, INFORMATION TECHNOLOGY DIVISION
3. AERIAL IMAGERY SOURCE: NEARMAP, JULY 3, 2025

N

0 30 60
SCALE IN FEET

HALEY ALDRICH

860 FLUSHING AVENUE
BROOKLYN, NEW YORK

SITE MAP

DECEMBER 2025

FIGURE 2

DRAFT

GIS FILE PATH: \\haleyaldrich\share\CF\Projects\0211437\GIS\211437_860_FLUSHING_AVE.aprx - USER: gwilkie - LAST SAVED: 8/8/2025 9:51 AM



LEGEND

- SITE BOUNDARY
- PARCEL BOUNDARY
- 10 FT EXCAVATION
- 15 FT EXCAVATION

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. PARCEL DATA SOURCE: NEW YORK CITY DEPARTMENT OF CITY PLANNING, INFORMATION TECHNOLOGY DIVISION
3. AERIAL IMAGERY SOURCE: NEARMAP, JULY 3, 2025

N

0 30 60

SCALE IN FEET

HALEY ALDRICH

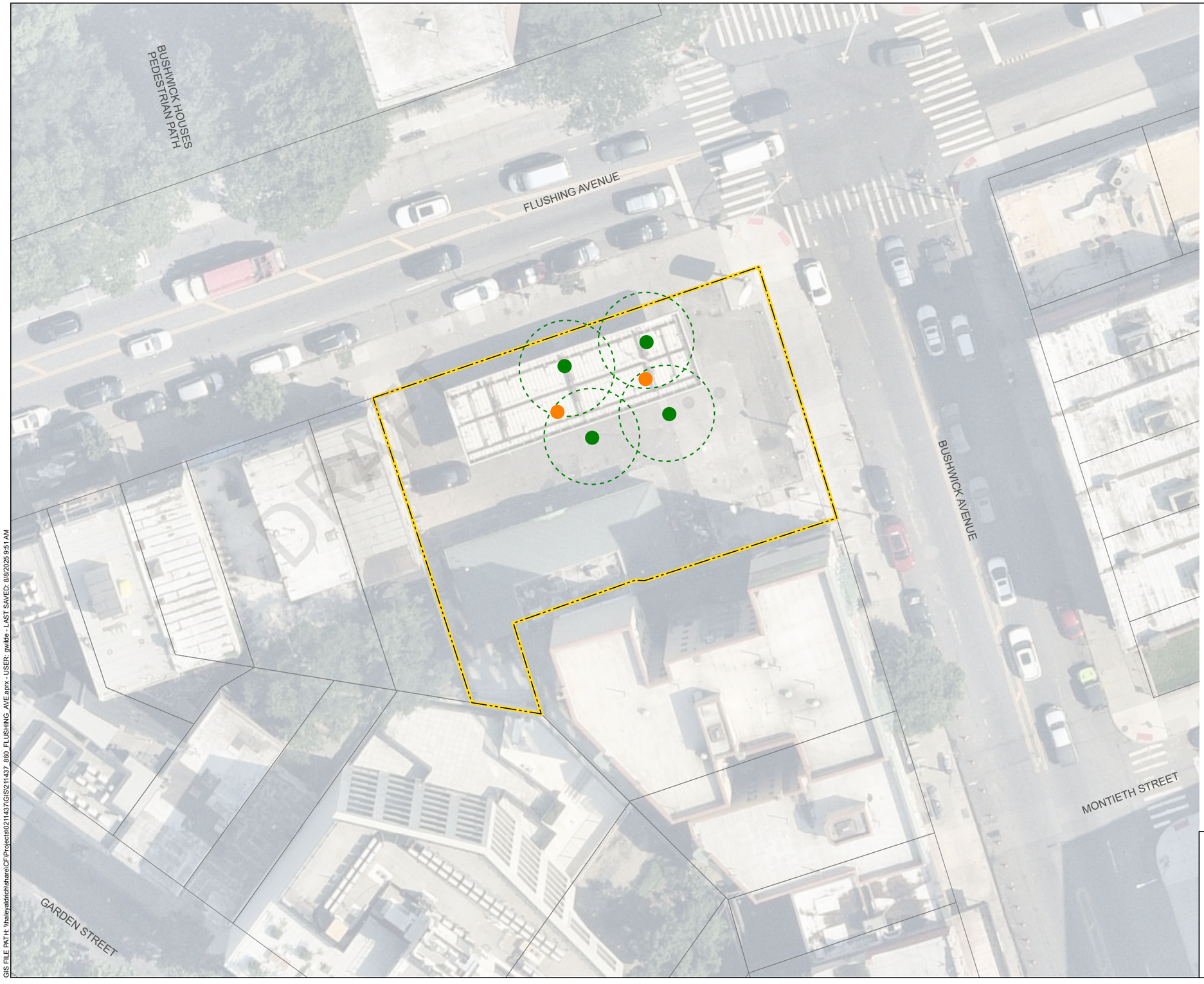
860 FLUSHING AVENUE
BROOKLYN, NEW YORK

EXCAVATION PLAN

DECEMBER 2025

FIGURE 3

GIS FILE PATH: \\haleyaldrich\share\CF\Projects\0211437\GIS\211437_860_FLUSHING_AVE.aprx - USER: gwilkie - LAST SAVED: 8/8/2025 9:51 AM



LEGEND

- SITE BOUNDARY
- PARCEL BOUNDARY
- SVE WELL SCREENED FROM 14 TO 25 FT BGS
- ASSUMED 15 FEET RADIUS OF INFLUENCE
- SVE MONITORING POINT

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. PARCEL DATA SOURCE: NEW YORK CITY DEPARTMENT OF CITY PLANNING, INFORMATION TECHNOLOGY DIVISION
3. AERIAL IMAGERY SOURCE: NEARMAP, JULY 3, 2025
4. FT BGS - FEET BELOW GROUND SURFACE

N

0 30 60
SCALE IN FEET

HALEY ALDRICH

860 FLUSHING AVENUE
BROOKLYN, NEW YORK

CONCEPTUAL SOIL VAPOR EXTRACTION SYSTEM LAYOUT

DECEMBER

FIGURE 4

GIS FILE PATH: \\haleyaldrich\share\CF\Projects\0211437\GIS\211437_860_FLUSHING_AVE.aprx - USER: gwilde - LAST SAVED: 8/8/2025 9:51 AM



LEGEND

- SITE BOUNDARY
- PARCEL BOUNDARY
- SVE PILOT TEST WELL SCREENED FROM 19 TO 24 FT BGS
- SVE PILOT TEST MONITORING POINT (LOCATIONS MAY BE ADJUSTED BASED ON SITE CONDITIONS)

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. PARCEL DATA SOURCE: NEW YORK CITY DEPARTMENT OF CITY PLANNING, INFORMATION TECHNOLOGY DIVISION
3. AERIAL IMAGERY SOURCE: NEARMAP, JULY 3, 2025
4. FT BGS - FEET BELOW GROUND SURFACE
5. SVE - SOIL VAPOR EXTRACTION

N

0 30 60
SCALE IN FEET

HALEY ALDRICH

860 FLUSHING AVENUE
BROOKLYN, NEW YORK

SVE PILOT TEST LOCATION PLAN

APRIL 2026

FIGURE 4A

GIS FILE PATH: \\haleyaldrich\share\CF\Projects\0211437\GIS\211437_860_FLUSHING_AVE.aprx - USER: gwilde - LAST SAVED: 8/8/2025 9:51 AM



LEGEND

- SITE BOUNDARY
- PARCEL BOUNDARY
- SUB-SLAB HORIZONTAL PIPING NETWORK
- SUB-SLAB LEADER PIPE TO VERTICAL RISER
- RISER EXTENDING FROM SUB-SLAB TO THE BUILDING ROOF
- SUB-SLAB VAPOR MONITORING/PRESSURE FIELD TESTING POINT
- SUB-SLAB PIPING END CAP
- INDOOR AIR SAMPLE LOCATION
- AMBIENT AIR SAMPLE LOCATION

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.

2. PARCEL DATA SOURCE: NEW YORK CITY DEPARTMENT OF CITY PLANNING, INFORMATION TECHNOLOGY DIVISION

3. AERIAL IMAGERY SOURCE: NEARMAP, JULY 3, 2025

4. BUILDING FOUNDATION LAYOUT SOURCE: DRAWING SOE-102.00 - DRAFT FOUNDATION SET DATED JULY 17, 2025

N

0 30 60
SCALE IN FEET

HALEY ALDRICH

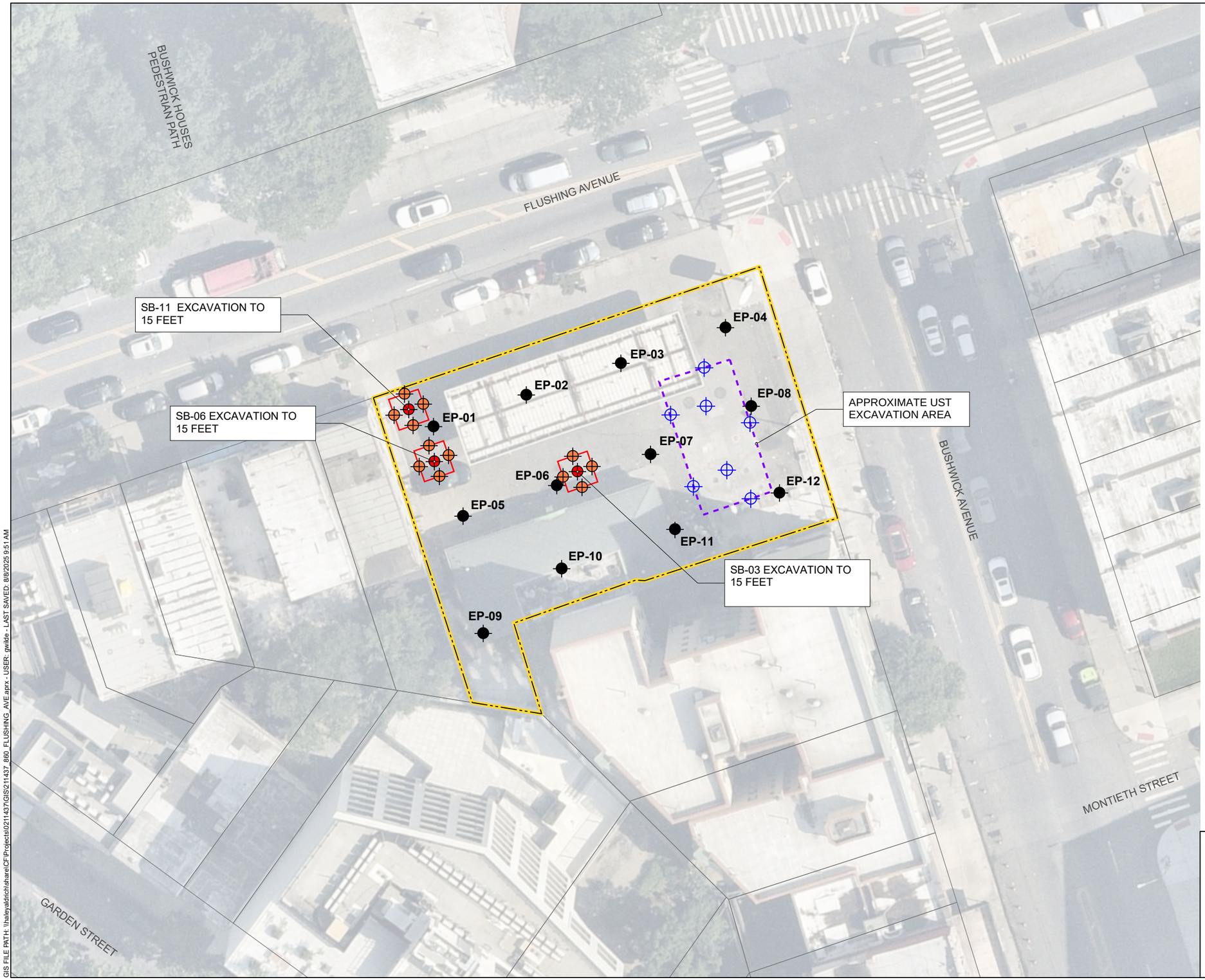
860 FLUSHING AVENUE
BROOKLYN, NEW YORK

CONCEPTUAL SSDS SYSTEM LAYOUT WITH SVI SAMPLING PLAN

MARCH 2026

FIGURE 5

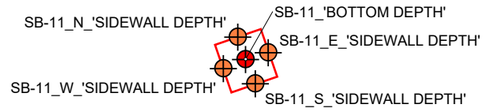
GIS FILE PATH: \\haleyaldrich\share\CF\Projects\0211437\GIS\211437_860_FLUSHING_AVE.aprx - USER: gwilde - LAST SAVED: 8/8/2025 9:51 AM



LEGEND

- SITE BOUNDARY
- PARCEL BOUNDARY
- PROPOSED SITE-WIDE EXCAVATION BASE CONFIRMATION SAMPLE
- PROPOSED BASE DOCUMENTATION SAMPLE
- PROPOSED SIDEWALL CONFIRMATION SAMPLE

HOTSPOT SAMPLE KEY



- PROPOSED UNDERGROUND STORAGE TANK (UST) EXCAVATION SAMPLE, IF REQUIRED (SEE NOTE 4)

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.

2. PARCEL DATA SOURCE: NEW YORK CITY DEPARTMENT OF CITY PLANNING, INFORMATION TECHNOLOGY DIVISION

3. AERIAL IMAGERY SOURCE: NEARMAP, JULY 3, 2025

4. WHEN USTs ARE EXCAVATED, IF CONTAMINATED SOIL IS REMOVED BEYOND THE 10-FOOT REMEDIAL DEPTH, THE NUMBER AND LOCATION OF CONIRMATION SAMPLES BENEATH THE TANK AREAS SHOULD BE COLLECTED PURSUANT TO PARAGRAPH 5.4(b)5 OF DER-10 TECHNICAL GUIDANCE FOR SITE INVESTIGATION AND REMEDIATION.



0 30 60
SCALE IN FEET

HALEY ALDRICH

860 FLUSHING AVENUE
BROOKLYN, NEW YORK

PROPOSED DOCUMENTATION AND CONFIRMATION SAMPLE MAP

MARCH 2026

FIGURE 6

GIS FILE PATH: \\haleyaldrich\share\CF Projects\0211437\GIS\211437_860_FLUSHING_AVE.aprx - USER: gwilde - LAST SAVED: 8/8/2025 9:51 AM

ATTACHMENT B

SVE SYSTEM PILOT TEST RESULTS AND REMEDIAL ALTERNATIVE REPORT

HALEY ALDRICH

HALEY ALDRICH

www.haleyaldrich.com

SOIL VAPOR EXTRACTION SYSTEM PILOT TEST RESULTS AND REMEDIAL ALTERNATIVE REPORT
FORMER BP GASOLINE SERVICE STATION SITE
860 FLUSHING AVENUE
BROOKLYN, NEW YORK
NYSDEC BCP SITE NO.: C224424

by
H & A of New York Engineering and Geology, LLP
New York, New York

for
New York State Department of Environmental Conservation
Albany, New York

File No. 0211437
August 2026

Certification

I, Zhan Shu, certify that I am currently a New York State (NYS)-registered professional engineer and that this Soil Vapor Extraction System Pilot Test Results and Remedial Alternative Report was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the Division of Environmental Remediation Technical Guidance for Site Investigation and Remediation (DER-10) and Green Remediation (DER-31).

I certify that all information and statements in this certification are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.



NYS Professional Engineer No. 112052	8/31/2026 Date	Zhan Shu Signature

It is a violation of Article 145 of New York State Education Law for any person to alter this document in any way without the express written verification of adoption by any New York State licensed engineer in accordance with Section 7209(2), Article 145, New York State Education Law.

H & A OF NEW YORK ENGINEERING
AND GEOLOGY, LLP
213 West 35th Street, 7th Floor
New York, NY 10001
646.277.5685

August 31, 2026
File No. 0211437

New York State Department of Environmental Conservation
Remedial Bureau B
Division of Environmental Remediation
47-40 21st Street
Long Island City, New York 11101

Attention: Nour Haredy, NYSDEC Case Manager

Subject: Soil Vapor Extraction System Pilot Test Results and Remedial Alternative Report
Former BP Gasoline Service Station Site
860 Flushing Avenue
Brooklyn, New York
NYSDEC BCP Site No.: C224424

On behalf of Flushing Holdings NY LLC, H & A of New York Engineering and Geology, LLP (Haley & Aldrich of New York) is pleased to provide this Soil Vapor Extraction (SVE) System Pilot Test Results and Remedial Alternative Report (the "Report"), based on the results of the pilot test performed on June 4 to 5, 2026, and an attempted pilot test on June 22, 2026, at the Former BP Gasoline Service Station Site located at 860 Flushing Avenue, Brooklyn, New York (the "Site").

Introduction

The Volunteer, Flushing Holdings NY LLC, entered into a Brownfield Cleanup Agreement (BCA) with the New York State Department of Environmental Conservation (NYSDEC) in June 2025 to investigate and remediate the approximately 10,600-square-foot (sq-ft) Site located within the Bushwick neighborhood of Brooklyn, New York. A Project Locus is provided as **Figure 1**. The Site was assigned NYSDEC Brownfield Cleanup Program (BCP) Site No. C224424 and is proposed as a mixed-use residential and commercial building.

This Report is provided as a follow-up to the Remedial Action Work Plan (RAWP) submitted by Haley & Aldrich of New York on May 11, 2026, on behalf of Flushing Holdings NY LLC, and the Decision Document (DD) dated May 2026. The RAWP and DD summarize the nature and extent of contamination identified during previous investigations completed at the Site between 2024 and 2025. An SVE system was proposed to remove petroleum-related volatile organic compounds (VOCs) in the vadose zone in the eastern section of the historical petroleum dispensers. An SVE pilot test was conducted in June 2026 to evaluate the feasibility of SVE as a remedial technology and to assess the air permeability and vacuum response of the subsurface.

Per the RAWP, this Report was prepared to summarize the results of the pilot test and provide the remedy recommendations for this Site. Additionally, the results of the previous investigations that relate to the SVE system treatment area are discussed below.

Remedial Design Background

Previous investigations at the Site included the Phase II Investigation conducted in August 2024 and the Remedial Investigation (RI) conducted between July and December 2025. The November 2024 Phase II Investigation Report, the February 2026 Remedial Investigation Report (RIR), and the RAWP discuss the results from these investigations in detail. A soil vapor sample along the northern property boundary (SG-02) contained elevated concentrations of VOCs totaling 79,560 micrograms per cubic meter (µg/m^3), including: 1,2,4-trimethylbenzene (1,300 µg/m^3), 1,3,5-trimethylbenzene (4,000 µg/m^3), 2,2,4-trimethylpentane (34,000 µg/m^3), cyclohexane (15,000 µg/m^3), ethylbenzene (5,500 µg/m^3), hexane (2,800 µg/m^3), and total xylenes (6,400 µg/m^3) at a depth of approximately 24 feet (ft) below ground surface (bgs). Based on the results, an SVE system was designed to address the petroleum-related VOCs in the vadose zone in the eastern section of the historical petroleum dispensers.

The soil vapor sampling locations and data are provided on **Figure 2**.

Pilot Test on June 4 to 5, 2026

VAPOR EXTRACTION POINT AND MONITORING POINT INSTALLATION

From June 1 to June 5, 2026, Haley & Aldrich of New York mobilized to the Site with Lakewood Environmental Services, Corp. (Lakewood) to conduct a pilot test. Based on the approved RAWP, four vapor extraction points (VEPs) and nine monitoring points (MPs) were installed in the eastern portion of the historical product dispensers to evaluate vacuum demands. Each VEP had three associated MPs at varying distances from the VEP; SVE-1 had MPs at 5 ft, 10 ft, and 15 ft away; SVE-2 had MPs at 6 ft, 10 ft, and 18 ft away; SVE-3 had MPs at 8.5 ft, 17.5 ft, and 22 ft away; SVE-4 had MPs at 5 ft, 10 ft, and 15 ft away. VEP and MP locations are shown on **Figure 3**.

The MPs and VEPs were advanced to depths up to approximately 22.5 ft bgs (MP-4 and MP-7) and 24 ft bgs (SVE-2), respectively, using a track-mounted direct-push drill rig (Geoprobe® model 7822DT) operated by a licensed operator provided by Lakewood. Soils in the VEP locations were logged continuously by field personnel using the Modified Burmeister Soil Classification System. No staining, significant odors, or significant photoionization detector (PID) readings were observed. Dense sand and cobbles were encountered during drilling, resulting in difficult well installation. Soil boring logs for SVE-2 through SVE-4 are provided as **Attachment A**. A soil boring log for SVE-1 is not available as there was no recovery during installation due to complications with the drill rig.

Each VEP was installed to approximately 24 ft bgs and constructed of 2-inch schedule 40 polyvinyl chloride (PVC) pipe and equipped with a 0.010-inch slot screen ranging from approximately 16.5 to 23 ft bgs. Each MP was constructed of ¼-inch silicone tubing inside a 2-inch schedule 40 PVC pipe,

equipped with a 12-inch probe consisting of stainless-steel wire screen ranging approximately between 19 and 22.5 ft bgs.

The VEPs and MPs were finished with No. 2 sand, bentonite, and grout. VEP and MP construction logs are provided in **Attachment B**. Specifically, for each MP, a minimum of 1 ft of No. 2 sand filter pack was installed around the probe and tubing beneath the PVC. Following placement of the sand filter pack, a minimum 1-ft-thick bentonite/grout seal was installed around the tubing within the PVC riser to provide a gas-tight seal.

DATA COLLECTION AND RESULTS

The pilot test was conducted using a 1-horsepower FPZ regenerative blower equipped with a dilution air valve and consisted of a series of step tests performed at each VEP. Each step test involved extracting soil vapor from the VEP at different flow rates to evaluate (i) airflow, (ii) applied vacuum at the VEP (measured at the blower inlet and used as a surrogate for wellhead vacuum), and (iii) induced vacuum at the associated MPs. The extracted vapor stream was also monitored with a PID. To verify each step test, readings were recorded every five minutes. Although baseline readings were not collected, vacuum from MPs at greater distances from the SVE extraction point has been recorded during the pilot test. Vacuum was measured using a digital manometer (a Dwyer Manometer Model 477AV-000) connected to the tubing at each MP. The tubing extended into the screened interval, allowing the induced vacuum to be measured at the target monitoring depth.

Specifications for the pilot test blower and manometer are provided in **Attachment C**. Pilot test data are presented in **Table I**. It is noted that the subcontractor installed the vacuum gauge immediately upstream of the blower rather than directly at the extraction wellhead. Therefore, the measured vacuum represents the vacuum at the blower inlet and may differ slightly from the vacuum at the extraction wellhead due to minor pressure losses within the piping system. However, the measurement is representative of the vacuum applied to the SVE system and was used to evaluate system operation and induced vacuum response at the MPs.

Based on field observations, although the blower was capable of generating induced vacuums ranging from 10 to 70 inches of water column (IWC), the system performance was limited by insufficient formation airflow. The maximum observed flow rate and induced vacuum at any MP were 14 cubic feet per minute (cfm) and 0.064 IWC, respectively. On average, the VEPs yielded approximately 4 cfm. None of the SVE wells could achieve the target vacuum of 0.1 IWC at any MPs.

Due to the heterogeneity of the geology at the Site, vacuum readings did not always follow a consistent, linear trendline when comparing magnitude of induced vacuum versus distance from VEP. For example, during the pilot test at SVE-2, vacuum readings at MP-6 were lower than at MP-7 and MP-8, which were further away from the VEP. However, the pilot test at SVE-3 showed a consistent, linear trendline which confirms MP-6 was installed correctly. The observed variability in vacuum response was attributable to subsurface heterogeneity rather than MP installation. It should be noted that water was introduced during the installation of SVE-1. Positive pressure readings were collected immediately after evacuating the VEP (June 4, 2026).

Based on the blower performance curve provided in **Attachment C**, the system operated between 20 and 50 cfm to maintain induced vacuums within the 10 to 70 IWC range. However, due to limited formation permeability and airflow, dilution air was required to sustain operation within this range. The required dilution air volume is unknown as it was not measurable during the pilot test. A geotechnical report prepared by Big Apple Group dated September 2025 (**Attachment D**) reported clayey sand between 8 and 22 ft bgs near the SVE treatment area, which further supports low permeability of the area.

PID readings measured in the extracted vapor stream remained non-detect (0 parts per million [ppm]) throughout the pilot testing at all extraction wells, indicating that no VOC vapor mass was recovered despite the applied extraction vacuum. The absence of detectable VOCs in the extracted vapor suggests that volatile contaminants are either not present in sufficient concentrations within the vadose zone or are not readily recoverable through vapor extraction.

Overall, the observed response is indicative of low-permeability soils, which significantly restrict air movement through the treatment zone. As a result, the applied extraction vacuum was not effectively transmitted through the subsurface, limiting the volume of soil that can be influenced by each extraction well. Consistent with the limited vacuum propagation, PID readings measured in the extracted vapor stream remained non-detect or near background levels throughout the pilot testing, indicating negligible VOC mass recovery.

A conference call was held with NYSDEC on June 9, 2026, to discuss the results of the initial SVE pilot test. During the meeting, Haley & Aldrich of New York presented the pilot test findings, including the observed airflow, vacuum responses, and preliminary assessment of SVE feasibility.

To further evaluate the applicability of SVE at the Site, Haley & Aldrich of New York mobilized to the Site on June 22, 2026, with Lakewood to conduct a second pilot test using a larger-capacity blower. The objective of the additional testing was to determine whether increased extraction capacity could improve vacuum propagation and airflow within the low-permeability soils and provide further confirmation of the feasibility of SVE as a remedial technology.

Attempted Pilot Test on June 22, 2026

On June 18, 2026, Haley & Aldrich of New York inspected the VEPs and MPs to verify their integrity. Upon inspection, some of the VEPs and MPs were bent above grade; VEPs and MPs were not damaged in the subsurface. VEP and MP stickups were cut to remove bent piping prior to the second test. However, Haley & Aldrich of New York gauged each VEP and observed between 3 ft (21 ft bgs) and 11 ft (13 ft bgs) of water in each VEP. Nearby monitoring wells indicated the water table was approximately 27.5 to 34 ft bgs. Therefore, water in each VEP was most likely due to perched water from support-of-excavation (SOE) drilling activities rather than a raised water table.

On June 19, 2026, Haley & Aldrich of New York purged water from the VEPs to prepare for the pilot test. On June 22, 2026, Haley & Aldrich of New York and Lakewood mobilized with a 2-horsepower Gast regenerative blower. Prior to the pilot test, Haley & Aldrich of New York gauged the VEPs and observed

between 2 ft (22 ft bgs) and 3 ft (21 ft bgs) of water in three of the four VEPs. The pilot test was set up on SVE-4, where no water was observed.

DATA COLLECTION AND RESULTS

Prior to the start of the pilot test, baseline pressure readings were collected at the three MPs (MP-7 through MP-9) associated with SVE-4. Baseline readings at MP-7 and MP-9 indicated elevated positive pressures (-0.327 IWC and -0.261 IWC, respectively) relative to MP-8, which are consistent with the influence of moisture within the subsurface and/or the MPs. These observations are also consistent with the standing water encountered in three of the four VEPs during pre-test gauging, suggesting elevated moisture conditions across portions of the treatment zone.

During the pilot test, the blower was operated to induce approximately 54 IWC vacuum at the SVE-4 wellhead. Under these operating conditions, MP-7 and MP-9 exhibited lower pressure readings relative to their respective baseline measurements, whereas MP-8 showed no measurable change. Following approximately 10 minutes of operation, the blower overheated and shut down. A second round of pressure measurements was collected after blower shutdown, and the elevated pressure conditions at MP-7 and MP-9 remained generally consistent with the baseline readings (-0.249 IWC and -0.178 IWC, respectively).

Because the observed pressure conditions persisted following blower shutdown and no measurable response was observed at MP-8, the pressure changes at MP-7 and MP-9 are interpreted to reflect localized moisture effects rather than vacuum propagation from the extraction well during blower operation. The limited and inconsistent MP responses, together with the standing water observed in the majority of the VEPs, indicate that elevated subsurface moisture and low-permeability soils significantly restricted pneumatic communication during the pilot test.

Specifications for the second pilot test blower are provided in **Attachment E**.

RECOMMENDATION

Based on the pilot test results, the Site soils exhibit insufficient air permeability to support effective SVE. The limited airflow, poor vacuum propagation, and negligible contaminant recovery indicate that an SVE system would not effectively remediate the impacted vadose zone. Therefore, SVE is not considered a technically feasible remedial technology for the Site, and implementation of a full-scale SVE system is not recommended.

Alternative Remedy

As an alternative remedial approach, Haley & Aldrich of New York recommends excavation within the remaining source area previously proposed for the SVE treatment area. The excavation is intended to remove soil containing VOC concentrations exceeding the Restricted Residential Use Soil Cleanup Objectives (RRSCOs) for Site contaminants and contaminants of concern (COCs), respectively. Soil excavation was completed in the vicinity of the proposed SVE treatment area to 10 ft bgs in endpoint grids represented by EP-2 and EP-3. Endpoint sample analytical results indicate that no contaminants

exceeded the applicable criteria, and VOC concentrations meet the remedial objectives. Therefore, no additional excavation is warranted in the proposed SVE treatment area. A figure showing the endpoint locations is provided as **Figure 4**. A table showing the endpoint analytical results is provided as **Table II**.

Engineering Controls

To remain protective of potential soil vapor intrusion (SVI), the remedy includes an active sub-slab depressurization system (SSDS). Following completion of remedial actions, prior to building occupancy, and during operation of the SSDS, post-mitigation sampling, including indoor and ambient air sampling, as well as sub-slab vacuum measurement from the monitoring points will be conducted at the Site to confirm the efficacy of the SSDS.

Please contact the undersigned if you have any questions.

Sincerely yours,
H & A OF NEW YORK ENGINEERING AND GEOLOGY, LLP

Matthew D. Forshay, P.E.
Senior Technical Specialist

Luke J. McCartney, P.G.
Senior Project Manager

Zhan Shu, Ph.D., P.E.
Remedial Engineer

James M. Bellew
Principal

Enclosures:

- Table I – Pilot Test Readings – June 4 to 5, 2026
- Table II – Summary of Endpoint Analytical Results
- Figure 1 – Project Locus
- Figure 2 – Soil Vapor Results Map
- Figure 3 – SVE Pilot Test Locations
- Figure 4 – Endpoint Location Map
- Attachment A – Soil Boring Logs
- Attachment B – SVE and MP Well Construction Logs
- Attachment C – June 4 to 5, 2026, Equipment Specifications
- Attachment D – Geotechnical Report
- Attachment E – June 22, 2026, Pilot Test Blower Specifications

TABLES

TABLE I
PILOT TEST READINGS - JUNE 4 TO 5, 2026
860 FLUSHING AVENUE DEVELOPMENT SITE
BROOKLYN, NEW YORK

Location	Date	SVE Well Induced Vacuum* (in H2O)	Time	SVE Well Velocity (ft/min)	SVE Well Flow (cfm)	MP-1 Vacuum (in H2O)	MP-2 Vacuum (in H2O)	MP-3 Vacuum (in H2O)	MP-4 Vacuum (in H2O)	MP-5 Vacuum (in H2O)	MP-6 Vacuum (in H2O)	MP-7 Vacuum (in H2O)	MP-8 Vacuum (in H2O)	MP-9 Vacuum (in H2O)	SVE Effluent PID Readings (ppm)
SVE-1	6/4/2026	70	5 minutes	160	3.49	0	0.004	0.002	-	-	-	-	-	-	0.0
			10 minutes	120	2.62	0.019 *	0.002	0	-	-	-	-	-	-	0.0
			15 minutes	115	2.51	0	0.008	0.008	-	-	-	-	-	-	0.0
			20 minutes	195	4.25	0.006	0	0	-	-	-	-	-	-	0.0
			25 minutes	180	3.93	0.004	0	0	-	-	-	-	-	-	0.0
			30 minutes	150	3.27	0	0	0	-	-	-	-	-	-	0.0
		65	5 minutes	90	1.96	0.006*	0	0	-	-	-	-	-	-	0.0
			10 minutes	92	2.01	0.002*	0.007	0.009	-	-	-	-	-	-	0.0
			15 minutes	95	2.07	0	0.004	0.023	-	-	-	-	-	-	0.0
		60	5 minutes	115	2.51	0.001*	0	0	-	-	-	-	-	-	0.0
			10 minutes	105	2.29	0	0	0	-	-	-	-	-	-	0.0
			15 minutes	100	2.18	0.006*	0	0	-	-	-	-	-	-	0.0
			20 minutes	130	2.84	0.007*	0	0	-	-	-	-	-	-	0.0
		50	5 minutes	80	1.75	0.006	0.000	0	-	-	-	-	-	-	0.0
			10 minutes	90	1.96	0	0.000	0.008	-	-	-	-	-	-	0.0
			15 minutes	50	1.09	0.002*	0	0.000	-	-	-	-	-	-	0.0
			20 minutes	70	1.53	0	0.005	0.010	-	-	-	-	-	-	0.0
	6/5/2026	10	5 minutes	65	1.42	0.015	0.024	0.014	0.004	0.035	0	-	-	-	0.0
			10 minutes	55	1.20	0.04	0.019	0.007	0.007	0.007	0.008	-	-	-	0.0
			15 minutes	60	1.31	0.032	0	0.015	0	0	0.003	-	-	-	0.0
			20 minutes	60	1.31	0.015	0.008	0.003	0	0.002	0	-	-	-	0.0
			25 minutes	55	1.20	0.036	0.004	0.002	0	0.013	0.056	-	-	-	0.0
		35	5 minutes	110	2.40	0.027	0.029	0.014	0	0.007	0	-	-	-	0.0
			10 minutes	150	3.27	0.016	0.002	0	0	0.008	0.003	-	-	-	0.0
			15 minutes	90	1.96	0.02	0	0	0	0.006	0.006	-	-	-	0.0
			20 minutes	110	2.40	0.024	0	0.012	0	0.021	0.011	-	-	-	0.0
			25 minutes	110	2.40	0.024	0.005	0	0	0	0.018	-	-	-	0.0
		70	5 minutes	275	6.00	0.027	0.007	0.000	0	0.011	0	-	-	-	0.0
			10 minutes	250	5.45	0.009	0	0.02	0	0	0	-	-	-	0.0
			15 minutes	280	6.11	0.011	0.008	0.005	0	0.01	0.007	-	-	-	0.0
			20 minutes	280	6.11	0.014	0.011	0.004	0	0	0.014	-	-	-	0.0
			25 minutes	260	5.67	0.017	0.01	0.008	0	0	0.011	-	-	-	0.0
SVE-2	6/5/2026	10	5 minutes	80	1.75	0.064	0.031	0.006	0.014	0.01	0.007	-	-	-	0.0
			10 minutes	65	1.42	0.03	0	0.000	0.007	0	0.002	-	-	-	0.0
			15 minutes	75	1.64	0.022	0.002	0.000	0.028	0.007	0.003	-	-	-	0.0
			20 minutes	70	1.53	0	0.024	0.020	0.016	0.024	0.004	-	-	-	0.0
		35	5 minutes	230	5.02	0.007	0	0	0.04	0.01	0.008	-	-	-	0.0
			10 minutes	235	5.13	0.01	0	0.004	0.007	0.001	0	-	-	-	0.0
			15 minutes	220	4.80	0.007	0.003	0.005	0.005	0.013	0.01	-	-	-	0.0
			20 minutes	240	5.24	0	0	0	0.005	0.015	0.007	-	-	-	0.0
		70	5 minutes	475	10.36	0.005	0.006	0.011	0.017	0.014	0	-	-	-	0.0
			10 minutes	450	9.82	0.025	0.009	0.007	0.011	0.055	0	-	-	-	0.0
			15 minutes	420	9.16	0.004	0.003	0	0.011	0.029	0.005	-	-	-	0.0
			20 minutes	465	10.14	0.009	0.004	0.007	0.004	0.03	0.003	-	-	-	0.0
			25 minutes	490	10.69	0	0	0	0.013	0.014	0.007	-	-	-	0.0

TABLE I
PILOT TEST READINGS - JUNE 4 TO 5, 2026
860 FLUSHING AVENUE DEVELOPMENT SITE
BROOKLYN, NEW YORK

Location	Date	SVE Well Induced Vacuum* (in H2O)	Time	SVE Well Velocity (ft/min)	SVE Well Flow (cfm)	MP-1 Vacuum (in H2O)	MP-2 Vacuum (in H2O)	MP-3 Vacuum (in H2O)	MP-4 Vacuum (in H2O)	MP-5 Vacuum (in H2O)	MP-6 Vacuum (in H2O)	MP-7 Vacuum (in H2O)	MP-8 Vacuum (in H2O)	MP-9 Vacuum (in H2O)	SVE Effluent PID Readings (ppm)
SVE-3	6/5/2026	10	5 minutes	90	1.96	-	-	-	0.044	0.007	0.008	0	0	0.01	0.0
			10 minutes	40	0.87	-	-	-	0.04	0.004	0.004	0	0	0.012	0.0
			15 minutes	95	2.07	-	-	-	0.018	0.011	0.007	0	0	0.015	0.0
			20 minutes	60	1.31	-	-	-	0.016	0.015	0.008	0	0	0.011	0.0
			25 minutes	60	1.31				0.01	0.003	0	0	0	0.015	0.0
		35	5 minutes	160	3.49	-	-	-	0.005	0.006	0.004	0	0	0.018	0.0
			10 minutes	180	3.93	-	-	-	0.025	0.008	0.009	0	0.006	0.015	0.0
			15 minutes	150	3.27	-	-	-	0.01	0.009	0.006	0	0.009	0.014	0.0
			20 minutes	180	3.93	-	-	-	0.008	0.006	0.006	0	0	0.01	0.0
			25 minutes	190	4.15				0.007	0.008	0.005	0	0.01	0.014	0.0
		70	5 minutes	250	5.45	-	-	-	0	0.014	0.009	0	0.005	0.01	0.0
			10 minutes	255	5.56	-	-	-	0.006	0.006	0	0	0	0.012	0.0
			15 minutes	230	5.02	-	-	-	0.013	0.007	0.009	0	0	0	0.0
			20 minutes	240	5.24	-	-	-	0.018	0.003	0	0	0	0.005	0.0
			25 minutes	290	6.33	-	-	-	0.012	0.016	0.004	0	0	0.014	0.0
SVE-4	6/5/2026	10	5 minutes	145	3.16	-	-	-	-	-	-	0.002	0	0.012	0.0
			10 minutes	135	2.95	-	-	-	-	-	-	0.004	0.007	0.015	0.0
			15 minutes	140	3.05	-	-	-	-	-	-	0.001	0.004	0.019	0.0
			20 minutes	145	3.16	-	-	-	-	-	-	0	0.002	0.01	0.0
			25 minutes	140	3.05							0.002	0.004	0.01	0.0
		35	5 minutes	300	6.54	-	-	-	-	-	-	0.004	0.006	0.016	0.0
			10 minutes	370	8.07	-	-	-	-	-	-	0.004	0.001	0.03	0.0
			15 minutes	340	7.42	-	-	-	-	-	-	0.004	0	0.028	0.0
			20 minutes	350	7.64	-	-	-	-	-	-	0.001	0.004	0.026	0.0
		70	5 minutes	650	14.18	-	-	-	-	-	-	0.006	0.001	0.04	0.0
			10 minutes	645	14.07	-	-	-	-	-	-	0.011	0.002	0.05	0.0
			15 minutes	620	13.53	-	-	-	-	-	-	0.008	0	0.049	0.0
			20 minutes	625	13.64	-	-	-	-	-	-	0.005	0.054	0.054	0.0

Notes:
cfm - cubic feet per min
in H20 - inches of water column
ppm - parts per million
ft/min - feet per minute
SVE - soil vapor extraction
MP - monitoring point
**positive pressures readings*

TABLE II
SUMMARY OF ENDPOINT ANALYTICAL RESULTS
860 FLUSHING AVENUE DEVELOPMENT SITE
BROOKLYN, NEW YORK

Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	Criteria Restricted Use Soil Cleanup Objectives - Protection of Groundwater 2025	Restricted Use Soil Cleanup Objectives - Residential 2025	Unrestricted Use Soil Cleanup Objectives 2025	EP-02 EP-02_10 07/02/2026 L2641792-02 10 - 10.5 (ft)	EP-03 EP-03_10 07/02/2026 L2641792-03 10 - 10.5 (ft)
Volatile Organic Compounds (mg/kg)					
1,1,1,2-Tetrachloroethane	NA	NA	NA	ND (0.00045)	ND (0.00053)
1,1,1-Trichloroethane	0.68	100	0.68	ND (0.00045)	ND (0.00053)
1,1,2,2-Tetrachloroethane	NA	NA	NA	ND (0.00045)	ND (0.00053)
1,1,2-Trichloroethane	NA	NA	NA	ND (0.0009)	ND (0.001)
1,1-Dichloroethane	0.27	47	0.27	ND (0.0009)	ND (0.001)
1,1-Dichloroethene	0.33	0.98	0.24	ND (0.0009)	ND (0.001)
1,1-Dichloropropene	NA	NA	NA	ND (0.00045)	ND (0.00053)
1,2,3-Trichlorobenzene	NA	NA	NA	ND (0.0018)	ND (0.0021)
1,2,3-Trichloropropane	NA	NA	NA	ND (0.0018)	ND (0.0021)
1,2,4,5-Tetramethylbenzene	NA	NA	NA	ND (0.0018)	0.061
1,2,4-Trichlorobenzene	NA	NA	NA	ND (0.0018)	ND (0.0021)
1,2,4-Trimethylbenzene	5.9	100	5.9	ND (0.0018)	2.3
1,2-Dibromo-3-chloropropane (DBCP)	NA	NA	NA	ND (0.0027)	ND (0.0032)
1,2-Dibromoethane (Ethylene Dibromide)	NA	NA	NA	ND (0.0009)	ND (0.001)
1,2-Dichlorobenzene	1.1	100	1.1	ND (0.0018)	ND (0.0021)
1,2-Dichloroethane	0.02	5.8	0.02	ND (0.0009)	ND (0.001)
1,2-Dichloroethene (total)	NA	NA	NA	ND (0.0009)	ND (0.001)
1,2-Dichloropropane	NA	NA	NA	ND (0.0009)	ND (0.001)
1,3,5-Trimethylbenzene	3.1	100	3.1	ND (0.0018)	0.048
1,3-Dichlorobenzene	2.6	38	2.6	ND (0.0018)	ND (0.0021)
1,3-Dichloropropane	NA	NA	NA	ND (0.0018)	ND (0.0021)
1,3-Dichloropropene	NA	NA	NA	ND (0.00045)	ND (0.00053)
1,4-Dichlorobenzene	1.8	24	1.8	ND (0.0018)	ND (0.0021)
1,4-Diethylbenzene	NA	NA	NA	ND (0.0018)	0.0075
1,4-Dioxane	0.1	5.7	0.1	ND (0.072)	ND (0.084)
2,2-Dichloropropane	NA	NA	NA	ND (0.0018)	ND (0.0021)
2-Butanone (Methyl Ethyl Ketone)	0.1	100	0.1	ND (0.009)	0.0023 J
2-Chlorotoluene	NA	NA	NA	ND (0.0018)	ND (0.0021)
2-Hexanone (Methyl Butyl Ketone)	NA	NA	NA	ND (0.009)	ND (0.01)
2-Phenylbutane (sec-Butylbenzene)	25	100	25	ND (0.0009)	0.0062
4-Chlorotoluene	NA	NA	NA	ND (0.0018)	ND (0.0021)
4-Ethyltoluene (1-Ethyl-4-Methylbenzene)	NA	NA	NA	ND (0.0018)	0.12
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	NA	NA	ND (0.009)	ND (0.01)
Acetone	0.03	100	0.03	ND (0.009)	***0.035***
Acrylonitrile	NA	NA	NA	ND (0.0036)	ND (0.0042)
Benzene	0.06	3.7	0.06	ND (0.00045)	ND (0.00053)
Bromobenzene	NA	NA	NA	ND (0.0018)	ND (0.0021)
Bromodichloromethane	NA	NA	NA	ND (0.00045)	ND (0.00053)
Bromoform	NA	NA	NA	ND (0.0036)	ND (0.0042)
Bromomethane (Methyl Bromide)	NA	NA	NA	ND (0.0018)	ND (0.0021)
Carbon disulfide	NA	NA	NA	ND (0.009)	ND (0.01)
Carbon tetrachloride	0.76	7.1	0.76	ND (0.0009)	ND (0.001)
Chlorobenzene	4.5	100	4.5	ND (0.00045)	ND (0.00053)
Chlorobromomethane	NA	NA	NA	ND (0.0018)	ND (0.0021)
Chloroethane	NA	NA	NA	ND (0.0018)	ND (0.0021)
Chloroform (Trichloromethane)	0.37	24	0.37	ND (0.0013)	ND (0.0016)
Chloromethane (Methyl Chloride)	NA	NA	NA	ND (0.0036)	ND (0.0042)
cis-1,2-Dichloroethene	0.19	41	0.19	ND (0.0009)	ND (0.001)
cis-1,3-Dichloropropene	NA	NA	NA	ND (0.00045)	ND (0.00053)
Cymene (p-Isopropyltoluene)	NA	NA	NA	ND (0.0009)	0.0025
Dibromochloromethane	NA	NA	NA	ND (0.0009)	ND (0.001)
Dibromomethane	NA	NA	NA	ND (0.0018)	ND (0.0021)
Dichlorodifluoromethane (CFC-12)	NA	NA	NA	ND (0.009)	ND (0.01)
Ethyl Ether	NA	NA	NA	ND (0.0018)	ND (0.0021)
Ethylbenzene	1	76	1	ND (0.0009)	0.16
Hexachlorobutadiene	NA	NA	NA	ND (0.0036)	ND (0.0042)
Isopropylbenzene (Cumene)	NA	NA	NA	ND (0.0009)	0.018
m,p-Xylenes	NA	NA	NA	ND (0.0018)	0.1
Methyl Tert Butyl Ether (MTBE)	0.1	100	0.1	ND (0.0018)	ND (0.0021)
Methylene chloride (Dichloromethane)	0.05	81	0.05	ND (0.0045)	ND (0.0053)
Naphthalene	12	100	12	ND (0.0036)	0.086
n-Butylbenzene	18	100	18	ND (0.0009)	0.014
n-Propylbenzene	5	100	5	ND (0.0009)	0.066
o-Xylene	NA	NA	NA	ND (0.0009)	0.0015
Styrene	NA	NA	NA	ND (0.0009)	ND (0.001)
tert-Butylbenzene	11	100	11	ND (0.0018)	ND (0.0021)
Tetrachloroethene	1.3	18	1.3	ND (0.00045)	ND (0.00053)
Toluene	0.7	100	0.7	ND (0.0009)	ND (0.001)
trans-1,2-Dichloroethene	0.19	100	0.19	ND (0.0013)	ND (0.0016)
trans-1,3-Dichloropropene	NA	NA	NA	ND (0.0009)	ND (0.001)
trans-1,4-Dichloro-2-butene	NA	NA	NA	ND (0.0045)	ND (0.0053)
Trichloroethene	0.47	6.4	0.47	ND (0.00045)	ND (0.00053)
Trichlorofluoromethane (CFC-11)	NA	NA	NA	ND (0.0036)	ND (0.0042)
Vinyl acetate	NA	NA	NA	ND (0.009)	ND (0.01)
Vinyl chloride	0.03	0.48	0.03	ND (0.0009)	ND (0.001)
Xylene (Total)	1.2	100	0.26	ND (0.0009)	0.1

TABLE II
SUMMARY OF ENDPOINT ANALYTICAL RESULTS
860 FLUSHING AVENUE DEVELOPMENT SITE
BROOKLYN, NEW YORK

Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	Criteria				
	Restricted Use Soil Cleanup Objectives - Protection of Groundwater 2025	Restricted Use Soil Cleanup Objectives - Residential 2025	Unrestricted Use Soil Cleanup Objectives 2025	EP-02 EP-02_10 07/02/2026 L2641792-02 10 - 10.5 (ft)	EP-03 EP-03_10 07/02/2026 L2641792-03 10 - 10.5 (ft)
Semi-Volatile Organic Compounds (mg/kg)					
1,2,4,5-Tetrachlorobenzene	NA	NA	NA	ND (0.19)	ND (0.18)
1,2,4-Trichlorobenzene	NA	NA	NA	ND (0.19)	ND (0.18)
1,2-Dichlorobenzene	1.1	100	1.1	ND (0.19)	ND (0.18)
1,3-Dichlorobenzene	2.6	38	2.6	ND (0.19)	ND (0.18)
1,4-Dichlorobenzene	1.8	24	1.8	ND (0.19)	ND (0.18)
1,4-Dioxane	0.1	5.7	0.1	ND (0.028)	ND (0.027)
2,2'-oxybis(1-Chloropropane)	NA	NA	NA	ND (0.22)	ND (0.22)
2,4,5-Trichlorophenol	NA	NA	NA	ND (0.19)	ND (0.18)
2,4,6-Trichlorophenol	NA	NA	NA	ND (0.11)	ND (0.11)
2,4-Dichlorophenol	NA	NA	NA	ND (0.17)	ND (0.16)
2,4-Dimethylphenol	NA	NA	NA	ND (0.19)	ND (0.18)
2,4-Dinitrophenol	NA	NA	NA	ND (0.9)	ND (0.87)
2,4-Dinitrotoluene	NA	NA	NA	ND (0.19)	ND (0.18)
2,6-Dinitrotoluene	NA	NA	NA	ND (0.19)	ND (0.18)
2-Chloronaphthalene	NA	NA	NA	ND (0.19)	ND (0.18)
2-Chlorophenol	NA	NA	NA	ND (0.19)	ND (0.18)
2-Methylnaphthalene	NA	NA	NA	ND (0.22)	ND (0.22)
2-Methylphenol (o-Cresol)	0.33	100	0.33	ND (0.19)	ND (0.18)
2-Nitroaniline	NA	NA	NA	ND (0.19)	ND (0.18)
2-Nitrophenol	NA	NA	NA	ND (0.4)	ND (0.39)
3&4-Methylphenol	NA	NA	NA	ND (0.27)	ND (0.26)
3,3'-Dichlorobenzidine	NA	NA	NA	ND (0.19)	ND (0.18)
3-Nitroaniline	NA	NA	NA	ND (0.19)	ND (0.18)
4,6-Dinitro-2-methylphenol	NA	NA	NA	ND (0.49)	ND (0.47)
4-Bromophenyl phenyl ether (BDE-3)	NA	NA	NA	ND (0.19)	ND (0.18)
4-Chloro-3-methylphenol	NA	NA	NA	ND (0.19)	ND (0.18)
4-Chloroaniline	NA	NA	NA	ND (0.19)	ND (0.18)
4-Chlorophenyl phenyl ether	NA	NA	NA	ND (0.19)	ND (0.18)
4-Nitroaniline	NA	NA	NA	ND (0.19)	ND (0.18)
4-Nitrophenol	NA	NA	NA	ND (0.26)	ND (0.25)
Acenaphthene	98	100	20	ND (0.15)	ND (0.14)
Acenaphthylene	365	100	100	ND (0.15)	ND (0.14)
Acetophenone	NA	NA	NA	ND (0.19)	ND (0.18)
Anthracene	1000	100	100	ND (0.11)	ND (0.11)
Benzo(a)anthracene	1	1.4	1	0.14	ND (0.11)
Benzo(a)pyrene	22	1	1	0.12 J	ND (0.14)
Benzo(b)fluoranthene	2.1	1.4	1	0.14	ND (0.11)
Benzo(g,h,i)perylene	1000	4.9	0.64	0.064 J	ND (0.14)
Benzo(k)fluoranthene	2	4.9	0.8	0.033 J	ND (0.11)
Benzoic acid	NA	NA	NA	ND (0.61)	ND (0.59)
Benzyl Alcohol	NA	NA	NA	ND (0.19)	ND (0.18)
Biphenyl	NA	NA	NA	ND (0.43)	ND (0.41)
bis(2-Chloroethoxy)methane	NA	NA	NA	ND (0.2)	ND (0.2)
bis(2-Chloroethyl)ether	NA	NA	NA	ND (0.17)	ND (0.16)
bis(2-Ethylhexyl)phthalate	NA	NA	NA	ND (0.19)	ND (0.18)
Butyl benzylphthalate (BBP)	NA	NA	NA	ND (0.19)	ND (0.18)
Carbazole	NA	NA	NA	ND (0.19)	ND (0.18)
Chrysene	1	4.9	1	0.16	ND (0.11)
Dibenz(a,h)anthracene	1000	0.33	0.33	ND (0.11)	ND (0.11)
Dibenzofuran	110	18	2.1	ND (0.19)	ND (0.18)
Diethyl phthalate	NA	NA	NA	ND (0.19)	ND (0.18)
Dimethyl phthalate	NA	NA	NA	ND (0.19)	ND (0.18)
Di-n-butylphthalate (DBP)	NA	NA	NA	ND (0.19)	ND (0.18)
Di-n-octyl phthalate (DnOP)	NA	NA	NA	ND (0.19)	ND (0.18)
Fluoranthene	1000	100	85	0.21	ND (0.11)
Fluorene	386	100	30	ND (0.19)	ND (0.18)
Hexachlorobenzene	3.2	0.33	0.33	ND (0.11)	ND (0.11)
Hexachlorobutadiene	NA	NA	NA	ND (0.19)	ND (0.18)
Hexachlorocyclopentadiene	NA	NA	NA	ND (0.54)	ND (0.52)
Hexachloroethane	NA	NA	NA	ND (0.15)	ND (0.14)
Indeno(1,2,3-cd)pyrene	6.6	1.4	0.5	0.053 J	ND (0.14)
Isophorone	NA	NA	NA	ND (0.17)	ND (0.16)
Naphthalene	12	100	12	ND (0.19)	ND (0.18)
Nitrobenzene	0.08	1.8	0.08	ND (0.037)	ND (0.036)
N-Nitrosodi-n-propylamine	NA	NA	NA	ND (0.19)	ND (0.18)
N-Nitrosodiphenylamine	NA	NA	NA	ND (0.15)	ND (0.14)
Pentachlorophenol	0.8	1.3	0.8	ND (0.15)	ND (0.14)
Phenanthrene	1000	4.9	1.1	0.12	ND (0.11)
Phenol	0.33	100	0.33	ND (0.19)	ND (0.18)
Pyrene	1000	100	64	0.32	ND (0.11)

TABLE II
SUMMARY OF ENDPOINT ANALYTICAL RESULTS
860 FLUSHING AVENUE DEVELOPMENT SITE
BROOKLYN, NEW YORK

Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	Criteria				
	Restricted Use Soil Cleanup Objectives - Protection of Groundwater 2025	Restricted Use Soil Cleanup Objectives - Residential 2025	Unrestricted Use Soil Cleanup Objectives 2025	EP-02 EP-02_10 07/02/2026 L2641792-02 10 - 10.5 (ft)	EP-03 EP-03_10 07/02/2026 L2641792-03 10 - 10.5 (ft)
PFAS (mg/kg)					
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NA	NA	NA	ND (0.000839)	ND (0.000821)
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	NA	NA	NA	ND (0.00524)	ND (0.00513)
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	NA	NA	NA	ND (0.00524)	ND (0.00513)
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	NA	NA	NA	ND (0.00105)	ND (0.00103)
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	NA	NA	NA	ND (0.000839)	ND (0.000821)
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	NA	NA	NA	ND (0.000839)	ND (0.000821)
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	NA	NA	ND (0.000839)	ND (0.000821)
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	NA	NA	ND (0.000839)	ND (0.000821)
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	NA	NA	NA	ND (0.000839)	ND (0.000821)
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	NA	NA	ND (0.00021)	ND (0.000205)
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	NA	NA	NA	ND (0.00021)	ND (0.000205)
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	NA	NA	NA	ND (0.0021)	ND (0.00205)
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NA	NA	NA	ND (0.00021)	ND (0.000205)
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	NA	NA	NA	ND (0.00021)	ND (0.000205)
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	NA	NA	NA	ND (0.0021)	ND (0.00205)
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	NA	NA	ND (0.000419)	ND (0.00041)
Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	NA	NA	NA	ND (0.000419)	ND (0.00041)
Perfluoro(4-methoxybutanoic) acid (PFMBA)	NA	NA	NA	ND (0.000419)	ND (0.00041)
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	NA	NA	NA	ND (0.000839)	ND (0.000821)
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	NA	NA	ND (0.000419)	ND (0.00041)
Perfluorobutanesulfonic acid (PFBS)	NA	NA	NA	ND (0.00021)	ND (0.000205)
Perfluorobutanoic acid (PFBA)	NA	NA	NA	ND (0.000839)	ND (0.000821)
Perfluorodecanesulfonic acid (PFDS)	NA	NA	NA	ND (0.00021)	ND (0.000205)
Perfluorodecanoic acid (PFDA)	NA	NA	NA	ND (0.00021)	ND (0.000205)
Perfluorododecane sulfonic acid (PFDoDS)	NA	NA	NA	ND (0.00021)	ND (0.000205)
Perfluorododecanoic acid (PFDoDA)	NA	NA	NA	ND (0.00021)	ND (0.000205)
Perfluoroheptanesulfonic acid (PFHpS)	NA	NA	NA	ND (0.00021)	ND (0.000205)
Perfluoroheptanoic acid (PFHpA)	NA	NA	NA	ND (0.00021)	ND (0.000205)
Perfluorohexanesulfonic acid (PFHxS)	NA	NA	NA	ND (0.00021)	ND (0.000205)
Perfluorohexanoic acid (PFHxA)	NA	NA	NA	ND (0.00021)	ND (0.000205)
Perfluorononane sulfonic acid (PFNS)	NA	NA	NA	ND (0.00021)	ND (0.000205)
Perfluorononanoic acid (PFNA)	NA	NA	NA	ND (0.00021)	ND (0.000205)
Perfluorooctane sulfonamide (PFOSA)	NA	NA	NA	ND (0.00021)	ND (0.000205)
Perfluorooctanesulfonic acid (PFOS)	0.001	0.044	0.00088	ND (0.00021)	ND (0.000205)
Perfluorooctanoic acid (PFOA)	0.0008	0.033	0.00066	ND (0.00021)	ND (0.000205)
Perfluoropentanesulfonic acid (PFPeS)	NA	NA	NA	ND (0.00021)	ND (0.000205)
Perfluoropentanoic acid (PFPeA)	NA	NA	NA	ND (0.000419)	ND (0.00041)
Perfluorotetradecanoic acid (PFTeDA)	NA	NA	NA	ND (0.00021)	ND (0.000205)
Perfluorotridecanoic acid (PFTrDA)	NA	NA	NA	ND (0.00021)	ND (0.000205)
Perfluoroundecanoic acid (PFUnDA)	NA	NA	NA	ND (0.00021)	ND (0.000205)
Pesticides (mg/kg)					
4,4'-DDD	14	5	0.0033	ND (0.00177)	ND (0.0017)
4,4'-DDE	9.3	3.4	0.0033	ND (0.00177)	ND (0.0017)
4,4'-DDT	135	3.8	0.0033	ND (0.00177)	ND (0.0017)
Aldrin	0.19	0.044	0.0048	ND (0.00177)	ND (0.0017)
alpha-BHC	0.02	0.18	0.02	ND (0.000737)	ND (0.000706)
alpha-Chlordane (cis)	4.5	0.65	0.014	ND (0.00221)	ND (0.00212)
beta-BHC	0.09	0.18	0.021	ND (0.00177)	ND (0.0017)
Chlordane	NA	NA	NA	ND (0.0147)	ND (0.0141)
delta-BHC	0.1	100	0.04	ND (0.00177)	ND (0.0017)
Dieldrin	0.1	0.075	0.005	ND (0.0011)	ND (0.00106)
Endosulfan I	65	35	4.3	ND (0.00177)	ND (0.0017)
Endosulfan II	44	35	4.3	ND (0.00177)	ND (0.0017)
Endosulfan sulfate	47	35	4.3	ND (0.000737)	ND (0.000706)
Endrin	0.06	5.3	0.014	ND (0.000737)	ND (0.000706)
Endrin aldehyde	NA	NA	NA	ND (0.00221)	ND (0.00212)
Endrin ketone	NA	NA	NA	ND (0.00177)	ND (0.0017)
gamma-BHC (Lindane)	0.05	0.21	0.025	ND (0.000737)	ND (0.000706)
gamma-Chlordane (trans)	NA	NA	NA	ND (0.00221)	ND (0.00212)
Heptachlor	0.38	0.53	0.013	ND (0.000884)	ND (0.000848)
Heptachlor epoxide	NA	NA	NA	ND (0.00332)	ND (0.00318)
Methoxychlor	NA	NA	NA	ND (0.00332)	ND (0.00318)
Toxaphene	NA	NA	NA	ND (0.0332)	ND (0.0318)

TABLE II
SUMMARY OF ENDPOINT ANALYTICAL RESULTS
860 FLUSHING AVENUE DEVELOPMENT SITE
BROOKLYN, NEW YORK

Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	Criteria				
	Restricted Use Soil Cleanup Objectives - Protection of Groundwater 2025	Restricted Use Soil Cleanup Objectives - Residential 2025	Unrestricted Use Soil Cleanup Objectives 2025	EP-02 EP-02_10 07/02/2026 L2641792-02 10 - 10.5 (ft)	EP-03 EP-03_10 07/02/2026 L2641792-03 10 - 10.5 (ft)
Polychlorinated Biphenyls (mg/kg)					
Aroclor-1016 (PCB-1016)	NA	NA	NA	ND (0.0534)	ND (0.0546)
Aroclor-1221 (PCB-1221)	NA	NA	NA	ND (0.0534)	ND (0.0546)
Aroclor-1232 (PCB-1232)	NA	NA	NA	ND (0.0534)	ND (0.0546)
Aroclor-1242 (PCB-1242)	NA	NA	NA	ND (0.0534)	ND (0.0546)
Aroclor-1248 (PCB-1248)	NA	NA	NA	ND (0.0534)	ND (0.0546)
Aroclor-1254 (PCB-1254)	NA	NA	NA	ND (0.0534)	ND (0.0546)
Aroclor-1260 (PCB-1260)	NA	NA	NA	ND (0.0534)	ND (0.0546)
Aroclor-1262 (PCB-1262)	NA	NA	NA	ND (0.0534)	ND (0.0546)
Aroclor-1268 (PCB-1268)	NA	NA	NA	ND (0.0534)	ND (0.0546)
Polychlorinated biphenyls (PCBs)	3.2	1	0.1	ND (0.0534)	ND (0.0546)
Inorganic Compounds (mg/kg)					
Aluminum	NA	NA	NA	4000	4160
Antimony	NA	NA	NA	ND (4.31)	ND (4.33)
Arsenic	16	16	13	1.49	2.36
Barium	820	410	410	39.9	34.9
Beryllium	47	43	4.4	0.389 J	0.428 J
Cadmium	7.5	2.5	2.5	ND (0.861)	ND (0.867)
Calcium	NA	NA	NA	1120	900
Chromium	NA	NA	NA	13.6	13.7
Cobalt	NA	NA	NA	7.19	6.82
Copper	1720	280	50	21.2	17.5
Iron	NA	NA	NA	18500	18000
Lead	450	400	63	9.14	8.75
Magnesium	NA	NA	NA	1610	1700
Manganese	2000	2000	1600	360	313
Mercury	0.73	0.3	0.18	ND (0.072)	ND (0.072)
Nickel	130	320	30	12.3	12.1
Potassium	NA	NA	NA	1240	1150
Selenium	4	110	3.9	ND (1.72)	ND (1.73)
Silver	8.3	110	2	ND (0.431)	ND (0.433)
Sodium	NA	NA	NA	134 J	250
Thallium	NA	NA	NA	ND (1.72)	ND (1.73)
Vanadium	NA	NA	NA	21.5	22.3
Zinc	2480	6600	109	29.2	23.8
Other					
Total Solids (%)	NA	NA	NA	88.3	89.8
Cyanide (mg/kg)	40	13	2.3	ND (1.1)	ND (1)

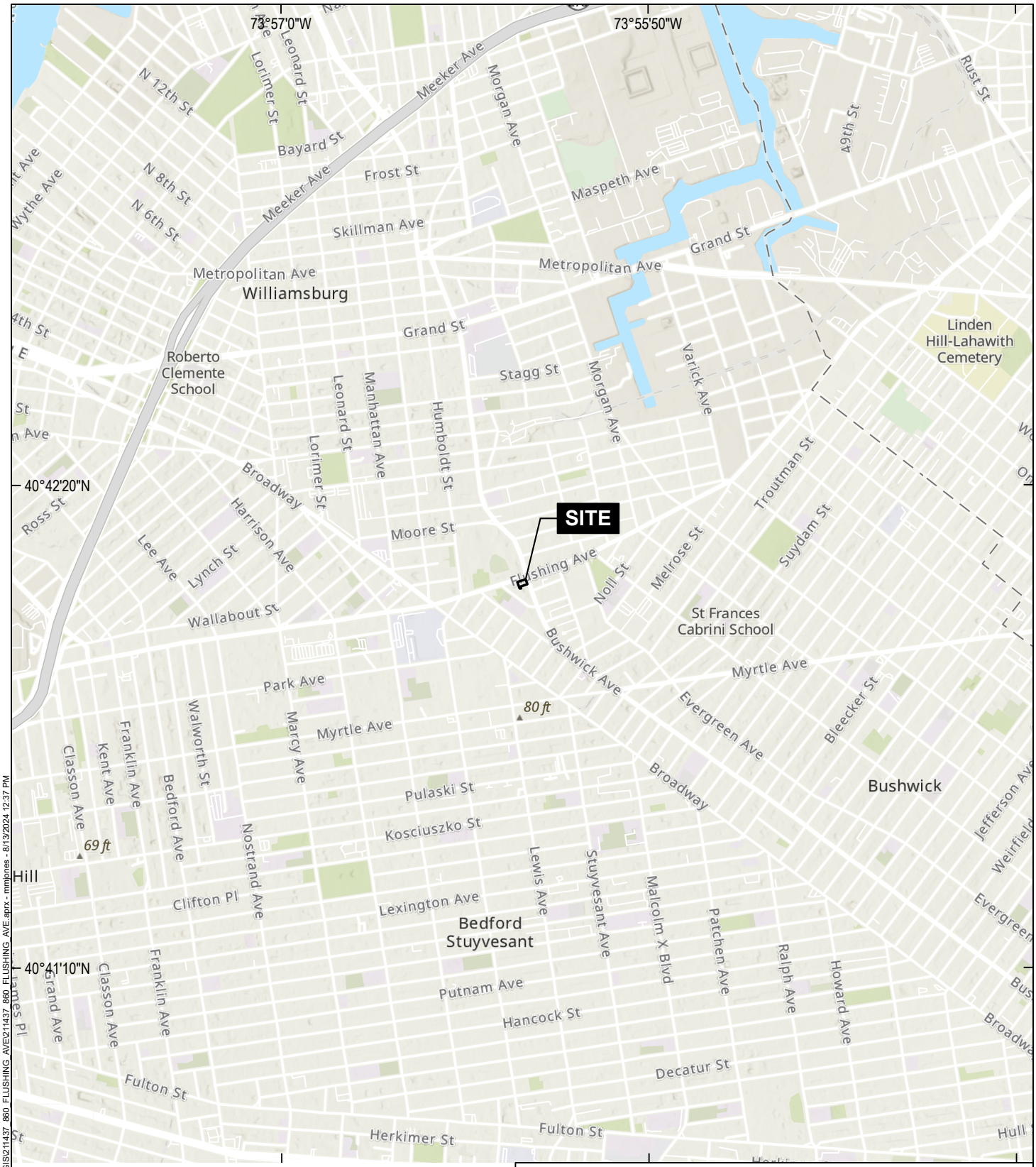
ABBREVIATIONS AND NOTES:

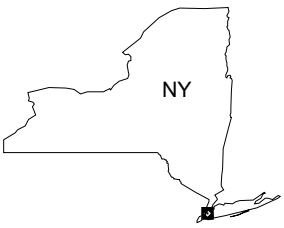
mg/kg: milligram per kilogram

-: Not Analyzed
bgs: below ground surface
F: Results are considered to be an estimated maximum concentration
ft: feet
I: The lower value for the two columns has been reported due to obvious interference.
J: Value is estimated.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit
P: The RPD between the results for the two columns exceeds the method-specified criteria.

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Unrestricted Use Soil Cleanup Objectives (SCO), Restricted-Use Residential SCOs, and Protection of Groundwater SCO's.
*- **Bold italic** values indicate an exceedance of the Protection of Groundwater Criteria.*
- Grey shading indicates an exceedance of the Unrestricted Use Soil Cleanup Objectives.
- Yellow shading indicates an exceedance of the Restricted Use Residential Soil Cleanup Objectives.

FIGURES







MAP SOURCE: ESRI
SITE COORDINATES: 40°42'06"N, 73°56'14"W

HALEY ALDRICH

860 FLUSHING AVENUE
BROOKLYN, NEW YORK

PROJECT LOCUS

APPROXIMATE SCALE: 1 IN = 2000 FT
SEPTEMBER 2025

FIGURE 1

GIS: \\haleyaldrich.com\share\CF\Projects\021143\7\GIS\211437_860_FLUSHING_AVE\211437_860_FLUSHING_AVE aprx - mmjones - 8/13/2024 12:37 PM

Location Name	SG-01
Sample Name	SG-01-20250730
Sample Date	07/30/2025
Lab Sample ID	25G2001-01
Volatile Organic Compounds (ug/m3)	
1,2,4-Trimethylbenzene	2.4 D
2,2,4-Trimethylpentane	2.3 D
2-Butanone (Methyl Ethyl Ketone)	4 JD
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	7 D
Acetone	94 D
Acrylonitrile	9.7 JD
Benzene	2.2 D
Carbon disulfide	1.3 D
Carbon tetrachloride	0.4 D
Chloromethane (Methyl Chloride)	2.9 D
Cyclohexane	0.87 D
Dichlorodifluoromethane (CFC-12)	2.1 D
Ethyl acetate	15 JD
Ethylbenzene	1.6 D
Hexane	2.2 D
Isopropyl Alcohol (2-Propanol)	14 D
m,p-Xylenes	6.6 D
N-Heptane	1.4 D
o-Xylene	2.4 D
Propylene (Propene)	4.6 D
Styrene	6 D
Toluene	4.8 D
Xylene (Total)	9 D
SUM of VOCs	187.77
SUM of BTEX	17.6
SUM of CVOCs	0.4

Location Name	SG-02
Sample Name	SG-02-20250730
Sample Date	07/30/2025
Lab Sample ID	25G2001-02 25G2001-02RE1 25G2001-02RE2 25G2001-02RE3
Volatile Organic Compounds (ug/m3)	
1,2,4-Trimethylbenzene	1300 D
1,3,5-Trimethylbenzene	4000 D
2,2,4-Trimethylpentane	34000 D
2-Butanone (Methyl Ethyl Ketone)	2000 D
4-Ethyltoluene (1-Ethyl-4-Methylbenzene)	4300 D
Acetone	570 D
Carbon disulfide	20 D
Cyclohexane	15000 D
Ethylbenzene	5500 D
Hexane	2800 D
m,p-Xylenes	4900 D
N-Heptane	3300 D
o-Xylene	1500 D
Propylene (Propene)	230 D
Styrene	54 D
Tetrachloroethene	86 D
Xylene (Total)	6400 D
SUM of VOCs	79560
SUM of BTEX	11900
SUM of CVOCs	86

Location Name	SG-05
Sample Name	SG-05-20250730
Sample Date	07/30/2025
Lab Sample ID	25G2001-05 25G2001-05RE1
Volatile Organic Compounds (ug/m3)	
1,2,4-Trimethylbenzene	1.7 D
1,3-Butadiene	3.4 D
2-Butanone (Methyl Ethyl Ketone)	23 JD
2-Hexanone (Methyl Butyl Ketone)	5.7 D
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	3.7 D
Acetone	440 D
Benzene	6.1 D
Carbon disulfide	4.7 D
Chloroform (Trichloromethane)	1.9 D
Chloromethane (Methyl Chloride)	1.5 D
Dichlorodifluoromethane (CFC-12)	1.8 D
Ethyl acetate	2.2 JD
Ethylbenzene	1.8 D
Hexane	9.3 D
Isopropyl Alcohol (2-Propanol)	5 D
m,p-Xylenes	6 D
Methyl Tert Butyl Ether (MTBE)	8.2 D
N-Heptane	4 D
o-Xylene	1.7 D
Propylene (Propene)	120 D
Tetrachloroethene	3.4 D
Toluene	14 D
Trichlorofluoromethane (CFC-11)	1.5 D
Xylene (Total)	7.7 D
SUM of VOCs	670.6
SUM of BTEX	29.6
SUM of CVOCs	3.4

Location Name	SG-04
Sample Name	SG-04-20250730
Sample Date	07/30/2025
Lab Sample ID	25G2001-04
Volatile Organic Compounds (ug/m3)	
1,1,1-Trichloroethane	3 D
1,2,4-Trimethylbenzene	1.7 D
2-Butanone (Methyl Ethyl Ketone)	7.2 JD
Acetone	230 D
Acrylonitrile	1.7 JD
Benzene	3.1 D
Carbon disulfide	0.83 D
Carbon tetrachloride	0.42 D
Chloroform (Trichloromethane)	2.7 D
Chloromethane (Methyl Chloride)	59 D
Dichlorodifluoromethane (CFC-12)	2.5 D
Ethyl acetate	2.5 JD
Ethylbenzene	2.4 D
Hexane	19 D
Isopropyl Alcohol (2-Propanol)	16 D
m,p-Xylenes	7.6 D
N-Heptane	8.3 D
o-Xylene	2.3 D
Propylene (Propene)	8.6 D
Styrene	1 D
Toluene	14 D
Trichlorofluoromethane (CFC-11)	1.4 D
Xylene (Total)	9.9 D
SUM of VOCs	395.25
SUM of BTEX	29.4
SUM of CVOCs	3.42

Location Name	SG-03
Sample Name	SG-03-20250730
Sample Date	07/30/2025
Lab Sample ID	25G2001-03 25G2001-03RE1
Volatile Organic Compounds (ug/m3)	
1,1,1-Trichloroethane	63 D
1,2,4-Trimethylbenzene	3.3 D
1,3,5-Trimethylbenzene	1.1 D
1,3-Butadiene	3 D
2-Butanone (Methyl Ethyl Ketone)	54 D
2-Hexanone (Methyl Butyl Ketone)	3.1 D
Acetone	210 D
Acrylonitrile	19 D
Carbon disulfide	40 D
Chloroform (Trichloromethane)	7.5 D
Chloromethane (Methyl Chloride)	1.9 D
Dichlorodifluoromethane (CFC-12)	2.5 D
Ethyl acetate	14 JD
Ethylbenzene	2.4 D
Hexane	160 D
Isopropyl Alcohol (2-Propanol)	16 D
m,p-Xylenes	7.7 D
N-Heptane	58 D
o-Xylene	2.7 D
Propylene (Propene)	110 D
Styrene	1.2 D
Tetrachloroethene	54 D
Toluene	16 D
Xylene (Total)	10 D
SUM of VOCs	850.4
SUM of BTEX	28.8
SUM of CVOCs	117

FLUSHING AVENUE

SG-01

SG-02

SG-03

SG-04

SG-05

LEGEND

- SOIL VAPOR SAMPLE
- SITE BOUNDARY
- PARCEL BOUNDARY

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. PARCEL DATA SOURCE: NEW YORK CITY DEPARTMENT OF CITY PLANNING, INFORMATION TECHNOLOGY DIVISION
3. AERIAL IMAGERY SOURCE: NEARMAP, JULY 3, 2025
4. SOIL VAPOR ANALYSIS - VOLATILE ORGANIC COMPOUNDS (VOCs)
5. RESULTS ARE DISPLAYED IN MICROGRAMS PER CUBIC METER (ug/m3)
6. TOTAL BTEX IS THE SUM OF ALL THE DETECTED CONCENTRATIONS OF BENZENE, TOLUENE, ETHYLBENZENE, AND XYLENES (BTEX)
7. TOTAL VOCs IS THE SUM OF ALL THE DETECTED CONCENTRATIONS
8. TOTAL CVOCs IS THE SUM OF ALL THE DETECTED CONCENTRATIONS OF CARBON TETRACHLORIDE, 1,1-DICHLOROETHENE, CIS-1,2-DISCHLOROETHENE, TRICHLOROETHENE, METHYLENE CHLORIDE, TETRACHLOROETHENE, 1,1,1-TRICHLOROETHANE, AND VINYL CHLORIDE

N

0 20 40

SCALE IN FEET

HALEY ALDRICH

860 FLUSHING AVENUE
BROOKLYN, NEW YORK

SOIL VAPOR RESULTS MAP

DECEMBER 2025

FIGURE 2

GIS FILE PATH: \\haleyaldrich\share\CF\Projects\0211437\GIS\211437_860_FLUSHING_AVE.aprx - USER: gwilde - LAST SAVED: 8/18/2025 9:38 AM



LEGEND

- SITE BOUNDARY
- PARCEL BOUNDARY
- SVE PILOT TEST WELL SCREENED FROM 19 TO 24 FT BGS
- SVE PILOT TEST MONITORING POINT WITH ONE FOOT OF SCREENED INTERVAL BETWEEN 20-22 FT BGS

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. PARCEL DATA SOURCE: NEW YORK CITY DEPARTMENT OF CITY PLANNING, INFORMATION TECHNOLOGY DIVISION
3. AERIAL IMAGERY SOURCE: NEARMAP, JULY 3, 2025
4. FT BGS - FEET BELOW GROUND SURFACE
5. SVE - SOIL VAPOR EXTRACTION

N

0 30 60
SCALE IN FEET

HALEY ALDRICH

860 FLUSHING AVENUE
BROOKLYN, NEW YORK

SVE PILOT TEST LOCATIONS

JUNE 2026

FIGURE 3

GIS FILE PATH: \\haleyaldrich\share\CF\Projects\0211437\GIS\211437_860_FLUSHING_AVE.aprx - USER: gwilde - LAST SAVED: 8/8/2025 9:51 AM



LEGEND

- SITE BOUNDARY
- PARCEL BOUNDARY
- ENDPOINT GRID
- SVE PILOT TEST WELL
- PROPOSED ENDPOINT LOCATIONS

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. PARCEL DATA SOURCE: NEW YORK CITY DEPARTMENT OF CITY PLANNING, INFORMATION TECHNOLOGY DIVISION
3. AERIAL IMAGERY SOURCE: NEARMAP, JULY 3, 2025
4. SVE - SOIL VAPOR EXTRACTION

N

0 30 60
SCALE IN FEET

HALEY ALDRICH

860 FLUSHING AVENUE
BROOKLYN, NEW YORK

ENDPOINT LOCATION MAP

JULY 2026

FIGURE 4

GIS FILE PATH: \\haleyaldrich\share\CF\Projects\0211437\GIS\211437_860_FLUSHING_AVE.aprx - USER: gwilde - LAST SAVED: 8/8/2025 9:51 AM

ATTACHMENT A
Soil Boring Logs

SOIL BORING LOG

BORING NO. SVE-2

PROJECT	860 Flushing Avenue	**PROJECT #**	211437
LOCATION	Brooklyn, New York	**PROJECT MGR.**	L. McCartney
CLIENT	Flushing Holdings NY LLC	**FIELD REP.**	D. Freliech
CONTRACTOR	Lakewood Environmental Services, Corp.	**DATE STARTED**	6/1/2026
DRILLER	Adam Hutchinson	**DATE FINISHED**	6/1/2026

Elevation ft. **Datum**			**Boring Location** See Map			
Item	**Casing**	**Sampler**	**Rig Make & Model** Geoprobe 7822DT		**Surface Conditions**	**Drilling Notes**
Type	Steel	Macro-Core	**Completion Depth (ft.)**	**25**	**Drilling Method** Direct Push	Asphalt	
Inside Diameter (in.)	2 inch					
Hammer Weight (lb.)			**Number of Samples**			
Hammer Fall (in.)						

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0			0-2'	Crushed asphalt & gravel	
1		0					
2	14.5/60	0	None	Dry	2-5'	Tan and brown, fine to medium sand, some angular gravel, brick and asphalt [FILL]	
3		0					
4		0					
5		0	None	Dry	5-10'	Brown fine to medium sand, some brick and angular gravel, trace silt [SP]	
6		0					
7	4/60	0					
8		0					
9		0					
10		0	None		10-12.5'	Brown fine to medium sand, some brick and angular gravel, trace silt [SP]	
11		0					
12		0			12.5-15'	Crushed stone	
13	13/60		None	Dry			
14		0					
15		0			15-16'	Brown fine to medium sand, some angular gravel [SP]	
16		0	Slight petro-like odor	Dry	16-20'	Brown and black, fine to medium silty sand, some angular gravel [SM]	
17	10/60	0					
18		0					
19		0					
20		0	Slight petro-like odor	Dry	20-22'	Brown and black, fine to medium silty sand, some angular gravel [SM]	
21		0					
22	22/60	0	Strong petro-like odor	Dry	22-24'	Brown, fine to medium silty sand, some angular gravel [SM]	
23		0					
24		0			24-25'	Crushed stone	
25			None			End of exploration	
26							
27							
28							
29							
30							

Water Level Data				Well Construction Information			Summary
Date	Time	Elapsed Time (hr.)	Depth in feet to: Water	Type	Depth	Notes	Overburden (Linear ft.) _____ Rock Cored (Linear ft.) _____ Number of Samples _____
							BORING NO.

***NOTE: Maximum Particle Size is determined by direct observation within the limitations of sampler size.**

NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. SVE-3

PROJECT	860 Flushing Avenue	**PROJECT #**	211437
LOCATION	Brooklyn, New York	**PROJECT MGR.**	L. McCartney
CLIENT	Flushing Holdings NY LLC	**FIELD REP.**	D. Freliech
CONTRACTOR	Lakewood Environmental Services, Corp.	**DATE STARTED**	6/1/2026
DRILLER	Adam Hutchinson	**DATE FINISHED**	6/1/2026

Elevation	ft.	**Datum**	**Boring Location**	See Map			
Item	**Casing**	**Sampler**	**Rig Make & Model**	Geoprobe 7822DT		**Surface Conditions**	**Drilling Notes**
Type	Steel	Macro-Core	**Completion Depth (ft.)**	25	**Drilling Method**		
Inside Diameter (in.)	2 inch						
Hammer Weight (lb.)			**Number of Samples**	0	Direct Push	Asphalt	
Hammer Fall (in.)							

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Dry	0-2'	Tan, gray, and brown fine to medium sand, some angular gravel [FILL]	
1		0					
2	17/60	0			2-5'	Brown and dark gray, fine to medium sand, some angular gravel [SP]	
3		0					
4		0					
5		0	None	Dry	5-10'	Tan, brown, and black, medium to coarse sand, some asphalt, angular stone, wood and coal [FILL]	
6		0					
7	14.5/60	0					
8		0					
9		0					
10		0	None	Dry	10-15'	Brown, fine to medium silty sand, some angular and rounded gravel [SM]	
11		0					
12	39.5/60	0					
13		0					
14		0					
15		0			15-16'	Light brown, fine silty sand, some small angular stone [SM]	
16		0			16-17'	Dark brown and black, fine to coarse sand, some coal and small brick [SP]	
17	53.5/60	0	None	Dry	17-20'	Light brown to brown, fine silty sand some small angular gravel [SM]	
18		0					
19		0					
20		0	None	Dry	20-23.5'	Black and brown, fine to medium silty sand, trace angular gravel [SM]	
21		0					
22	60/60	0	None	Dry			
23		0			23.5-24	Crushed stone	
24		0			24-25'	Green and brown, fine silty sand, some small angular stone [SM]	
25						End of Exploration	
26							
27							
28							
29							
30							

Water Level Data				Well Construction Information			Summary
Date	Time	Elapsed Time (hr.)	Depth in feet to: Water	Type	Depth	Notes	Overburden (Linear ft.) _____ Rock Cored (Linear ft.) _____ Number of Samples _____
							BORING NO.

***NOTE: Maximum Particle Size is determined by direct observation within the limitations of sampler size.**

NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. SVE-4

PROJECT	860 Flushing Avenue	**PROJECT #**	211437
LOCATION	Brooklyn, New York	**PROJECT MGR.**	L. McCartney
CLIENT	Flushing Holdings NY LLC	**FIELD REP.**	D. Freliech
CONTRACTOR	Lakewood Environmental Services, Corp.	**DATE STARTED**	6/1/2026
DRILLER	Adam Hutchinson	**DATE FINISHED**	6/1/2026

Elevation	ft.	**Datum**	**Boring Location**	See Map			
Item	**Casing**	**Sampler**	**Rig Make & Model**	Geoprobe 7822DT		**Surface Conditions**	**Drilling Notes**
Type	Steel	Macro-Core	**Completion Depth (ft.)**	**25**	**Drilling Method**	Asphalt	
Inside Diameter (in.)	2 inch				Direct Push		
Hammer Weight (lb.)			**Number of Samples**	**0**			
Hammer Fall (in.)							

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0			0-2'	Crushed asphalt & gravel	
1		0					
2	18/60	0	None	Dry	2-5'	Tan, gray and brown medium to coarse sand, some brick and angular gravel [FILL]	
3		0					
4		0					
5		0	None	Dry	5-10'	Tan and brown medium to coarse sand, some brick and angular gravel, trace wood [FILL]	
6		0					
7	21/60	0					
8		0					
9		0					
10		0	None	Dry	10-15'	No recovery	
11		0					
12	0/60	0					
13		0					
14		0					
15		0	Slight petro-like odor		15-16'	Brown fine to medium silty sand, some angular gravel [SM]	
16		0	None		16-16.5'	Crushed stone	
17	49.5/60	0	Slight petro-like odor	Dry	16.5-20'	Brown, gray, and light brown fine to medium silty sand, trace angular gravel [SM]	
18		0					
19		0					
20		0	Slight petro-like odor	Dry	20-24.75'	Dark brown, gray, and light brown fine to medium silty sand, trace angular gravel [SM]	
21		0					
22	35/60	0					
23		0					
24		0					
25			None	Dry	24.75- 25'	Crushed stone	
						End of Exploration	
26							
27							
28							
29							
30							

Water Level Data				Well Construction Information			Summary
Date	Time	Elapsed Time (hr.)	Depth in feet to: Water	Type	Depth	Notes	Overburden (Linear ft.) _____ Rock Cored (Linear ft.) _____ Number of Samples _____
							BORING NO.

***NOTE: Maximum Particle Size is determined by direct observation within the limitations of sampler size.**

NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

ATTACHMENT B
SVE and MP Well Construction Logs

TEMPORARY WELL INSTALLATION REPORT

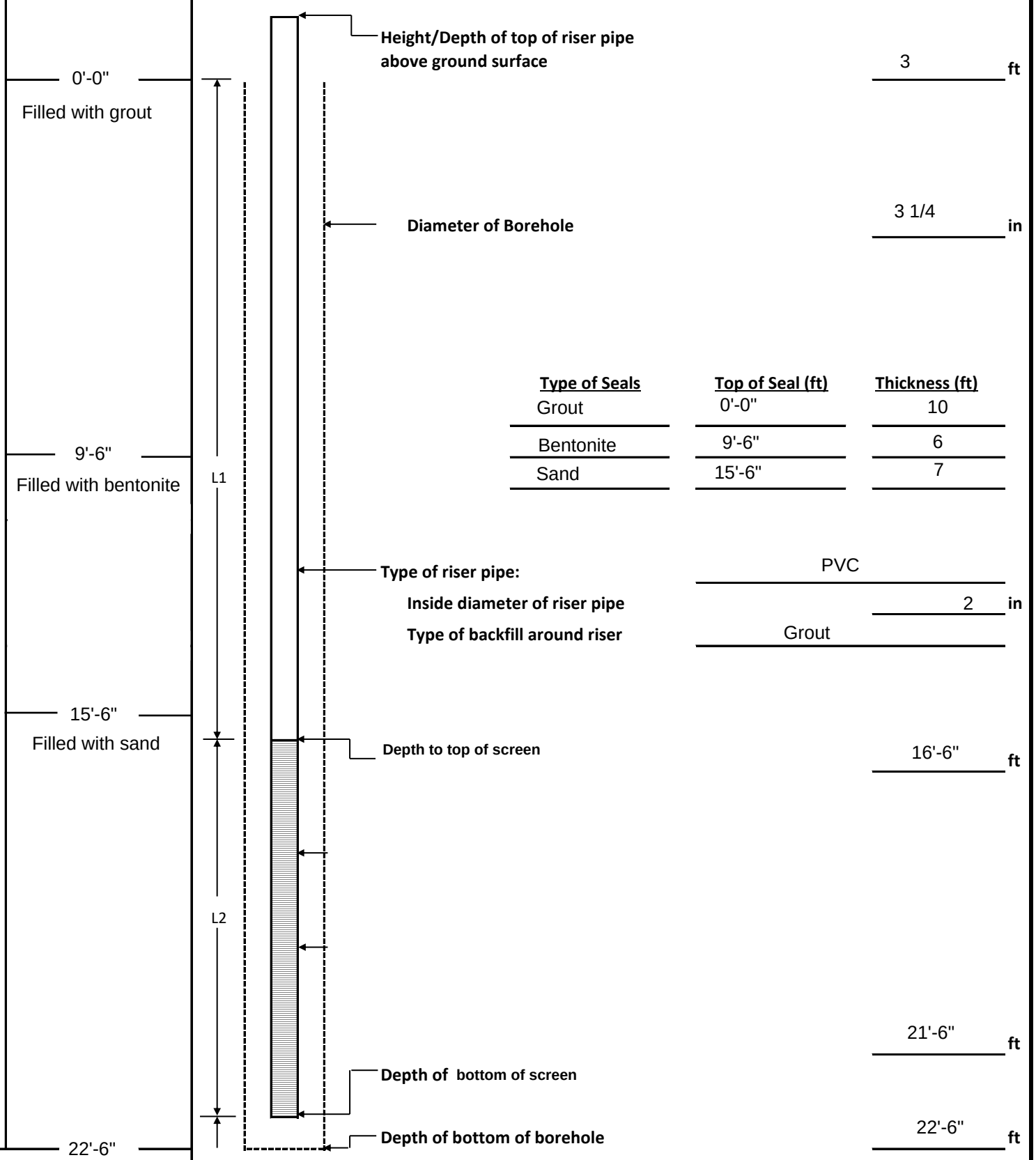
Well No. SVE-1

Boring No.

PROJECT	860 Flushing Avenue Site	**H&A FILE NO.**	0211437
LOCATION	860 Flushing Avenue, Brooklyn, NY	**PROJECT MGR.**	L. McCartney
CLIENT	Flushing Holdings NY LLC	**FIELD REP.**	D. Freliech
CONTRACTOR	Lakewood Environmental Services	**DATE INSTALLED**	6/1/2026
DRILLER	Adam Huchinson	**WATER LEVEL**	

Ground El.		ft	**Location**	See map	**Drilling Equipment** Geoprobe 7822DT
El. Datum					

SOIL/ROCK CONDITIONS | **BOREHOLE BACKFILL**



Height/Depth of top of riser pipe above ground surface 3 ft

Diameter of Borehole 3 1/4 in

Type of Seals	Top of Seal (ft)	Thickness (ft)
Grout	0'-0"	10
Bentonite	9'-6"	6
Sand	15'-6"	7

Type of riser pipe: PVC

Inside diameter of riser pipe 2 in

Type of backfill around riser Grout

Depth to top of screen 16'-6" ft

Depth of bottom of screen 21'-6" ft

Depth of bottom of borehole 22'-6" ft

Riser Pay Length (L1)		Length of Screen (L2)		Pay length
ft	+	ft	=	ft

COMMENTS:

TEMPORARY WELL INSTALLATION REPORT

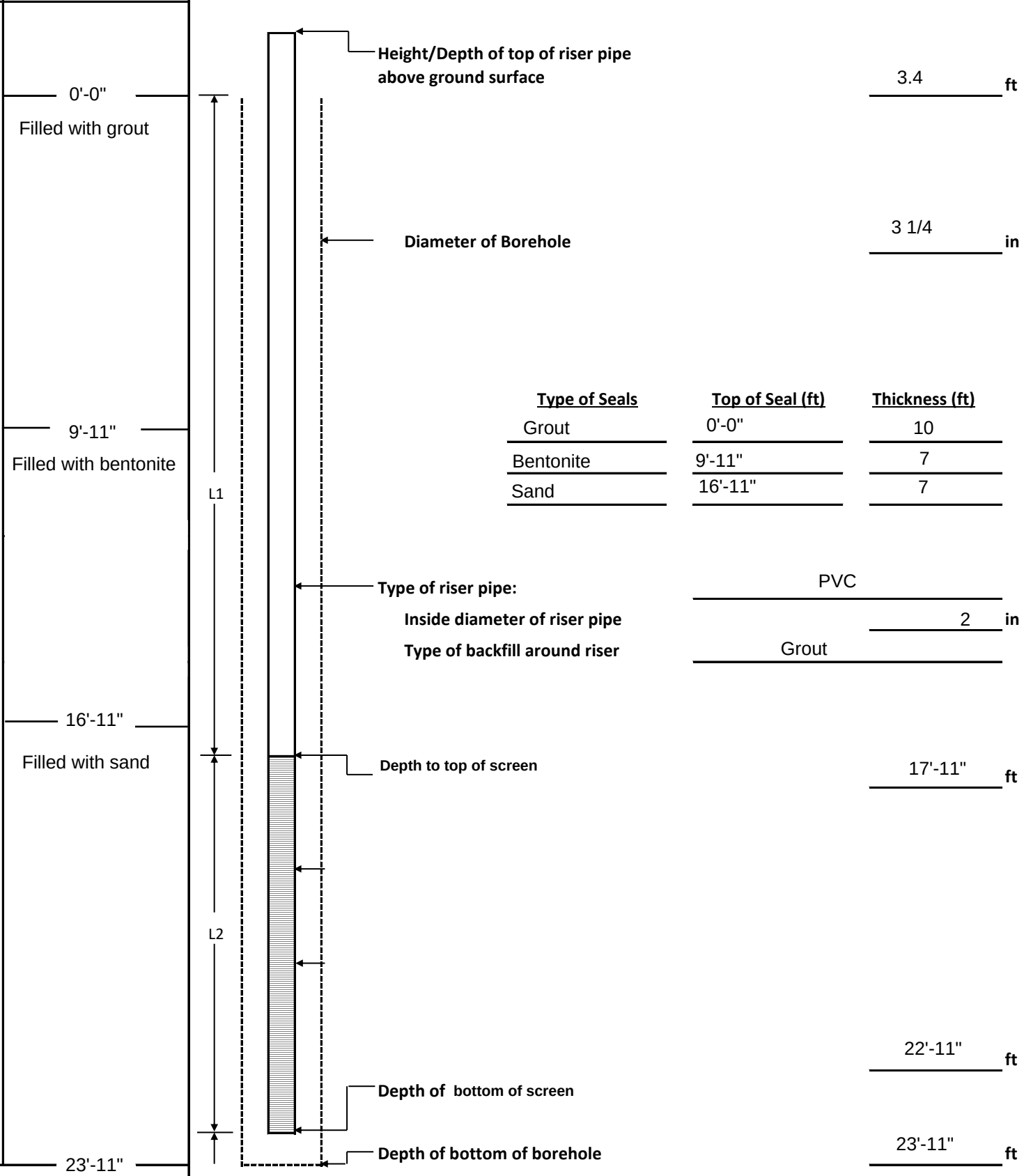
Well No. SVE-2

Boring No.

PROJECT	860 Flushing Avenue Site	**H&A FILE NO.**	0211437
LOCATION	860 Flushing Avenue, Brooklyn, NY	**PROJECT MGR.**	L. McCartney
CLIENT	Flushing Holdings NY LLC	**FIELD REP.**	D. Freliech
CONTRACTOR	Lakewood Environmental Services	**DATE INSTALLED**	6/1/2026
DRILLER	Adam Huchinson	**WATER LEVEL**	

Ground El.		ft	**Location**	see map	**Drilling Equipment** Geoprobe 7822DT
El. Datum					

SOIL/ROCK CONDITIONS | **BOREHOLE BACKFILL**



Height/Depth of top of riser pipe above ground surface	3.4	ft	
Diameter of Borehole	3 1/4	in	

Type of Seals	Top of Seal (ft)	Thickness (ft)
Grout	0'-0"	10
Bentonite	9'-11"	7
Sand	16'-11"	7

Type of riser pipe:	PVC	
Inside diameter of riser pipe	2	in
Type of backfill around riser	Grout	
Depth to top of screen	17'-11"	ft
Depth of bottom of screen	22'-11"	ft
Depth of bottom of borehole	23'-11"	ft

ft (Riser Pay Length (L1)) + ft (Length of Screen (L2)) = ft (Pay length)

COMMENTS:

TEMPORARY WELL INSTALLATION REPORT

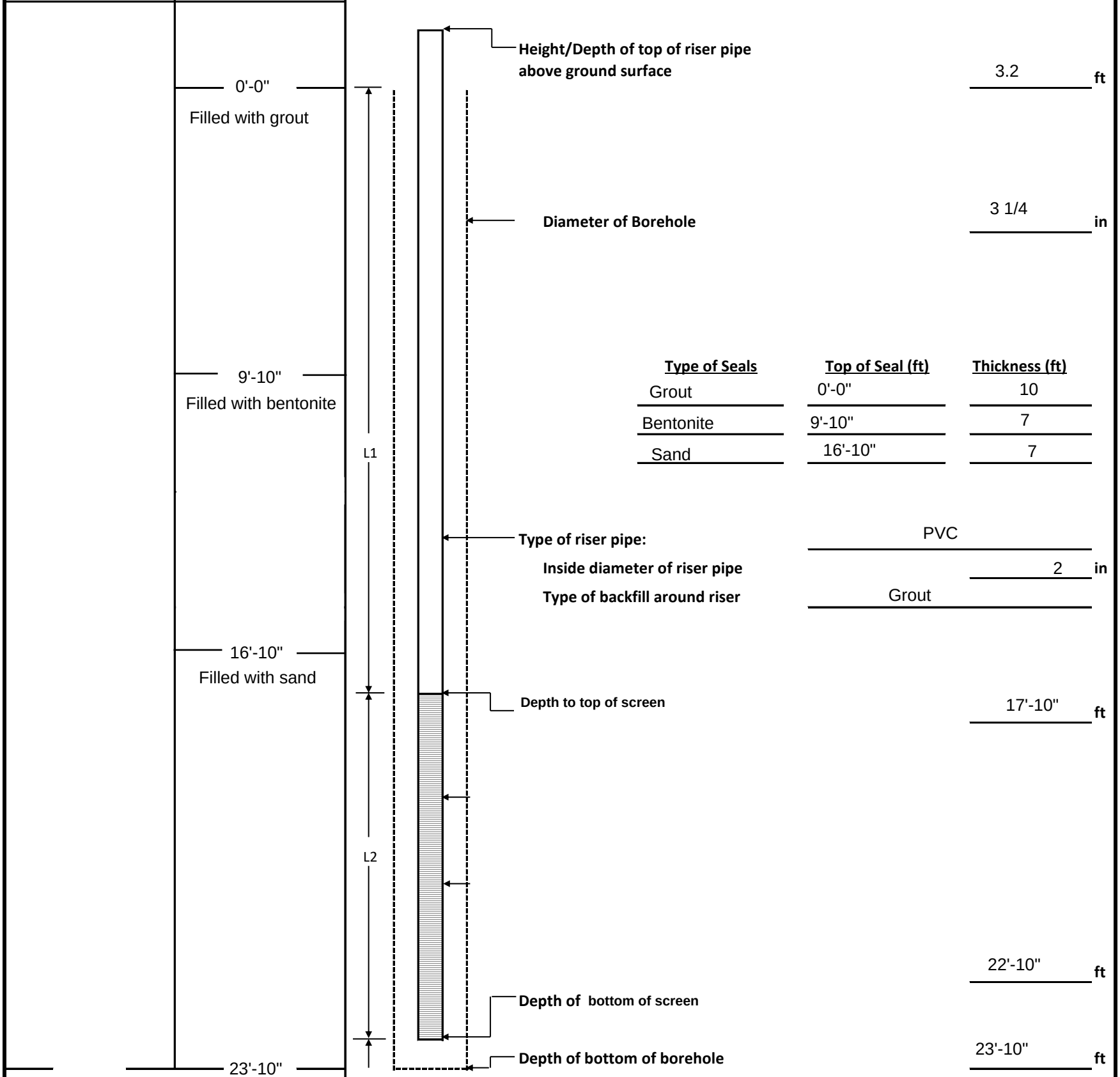
Well No. SVE-3

Boring No.

PROJECT	860 Flushing Avenue Site	**H&A FILE NO.**	0211437
LOCATION	860 Flushing Avenue, Brooklyn, NY	**PROJECT MGR.**	L. McCartney
CLIENT	Flushing Holdings NY LLC	**FIELD REP.**	D. Freliech
CONTRACTOR	Lakewood Environmental Services	**DATE INSTALLED**	6/2/2026
DRILLER	Adam Huchinson	**WATER LEVEL**	

Ground El.		ft	**Location**	see map	**Drilling Equipment** Geoprobe 7822DT
El. Datum					

SOIL/ROCK CONDITIONS | **BOREHOLE BACKFILL**



Type of Seals	Top of Seal (ft)	Thickness (ft)
Grout	0'-0"	10
Bentonite	9'-10"	7
Sand	16'-10"	7

ft (Riser Pay Length (L1)) + ft (Length of Screen (L2)) = ft (Pay length)

COMMENTS:

TEMPORARY WELL INSTALLATION REPORT

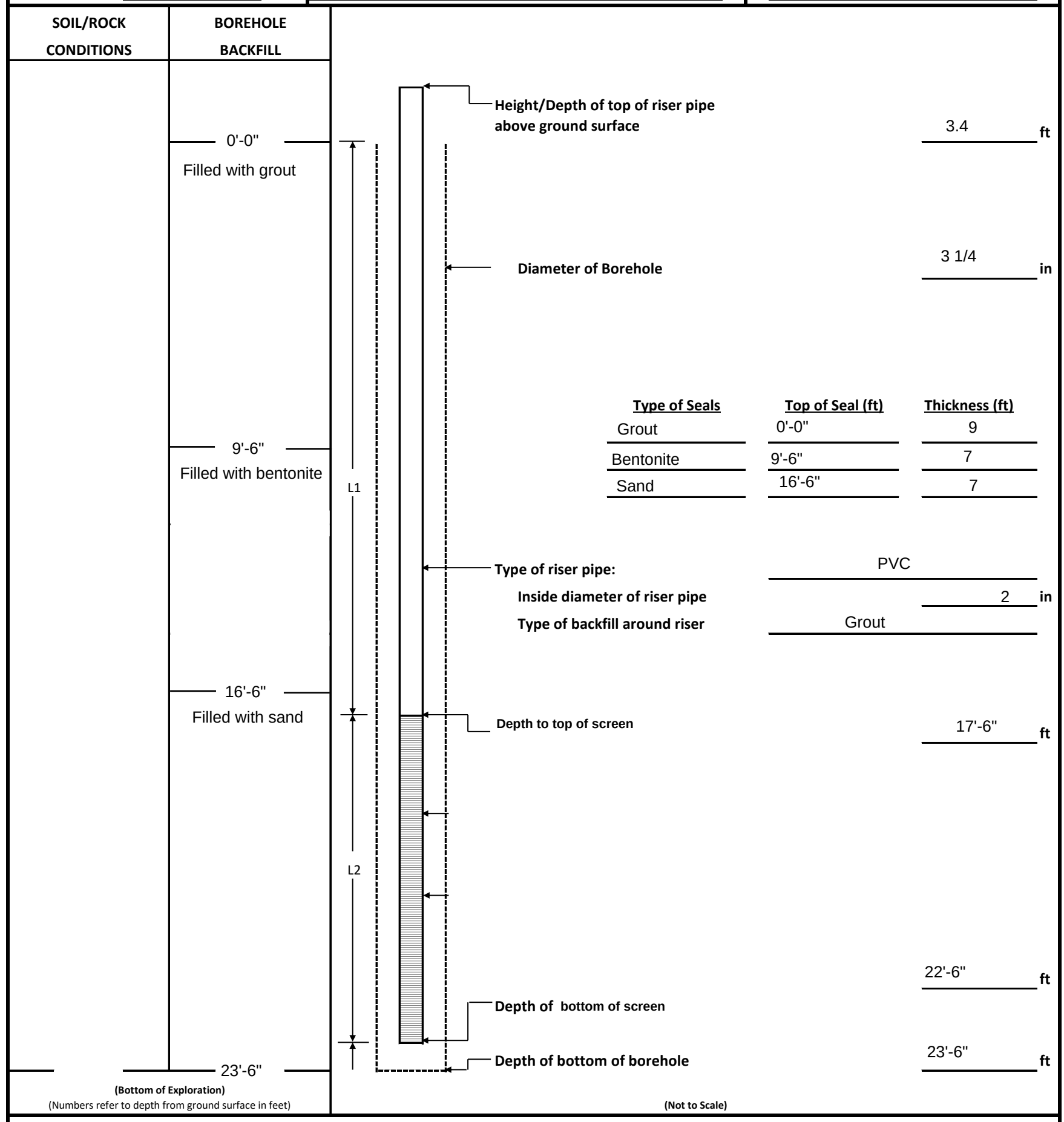
Well No. SVE-4

Boring No.

PROJECT	860 Flushing Avenue Site	**H&A FILE NO.**	0211437
LOCATION	860 Flushing Avenue, Brooklyn, NY	**PROJECT MGR.**	L. McCartney
CLIENT	Flushing Holdings NY LLC	**FIELD REP.**	D. Freliech
CONTRACTOR	Lakewood Environmental Services	**DATE INSTALLED**	6/2/2026
DRILLER	Adam Huchinson	**WATER LEVEL**	

Ground El.		ft	**Location**	see map	**Drilling Equipment** Geoprobe 7822DT
El. Datum					

SOIL/ROCK CONDITIONS | **BOREHOLE BACKFILL**



ft	+	ft	=	ft
Riser Pay Length (L1)		Length of Screen (L2)		Pay length

COMMENTS:

Form 2007

TEMPORARY WELL INSTALLATION REPORT

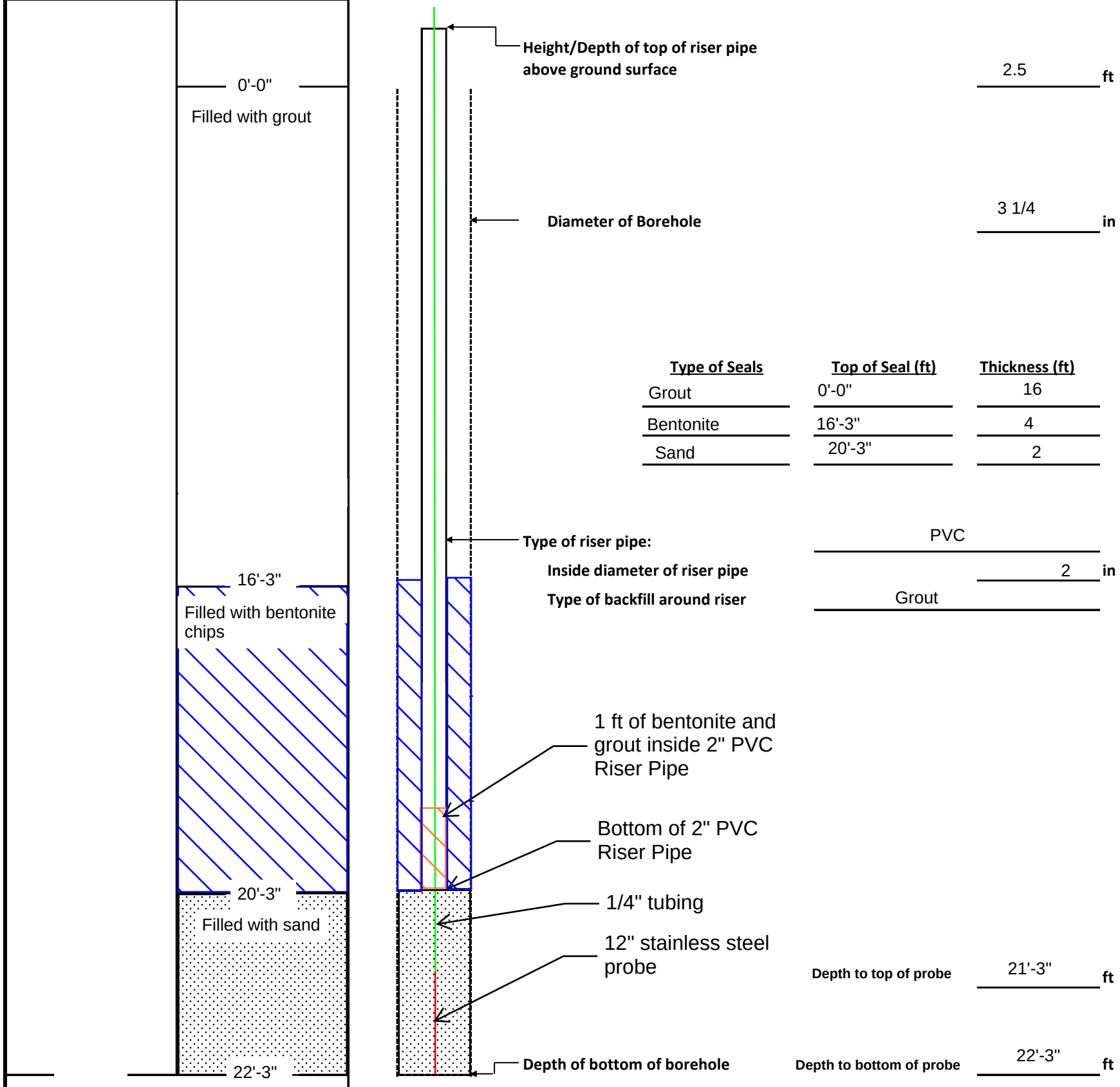
Well No. MP-1

Boring No.

PROJECT	860 Flushing Avenue Site	**H&A FILE NO.**	0211437
LOCATION	860 Flushing Avenue, Brooklyn, NY	**PROJECT MGR.**	L. McCartney
CLIENT	Flushing Holdings NY LLC	**FIELD REP.**	D. Freliech
CONTRACTOR	Lakewood Environmental Services	**DATE INSTALLED**	6/1/2026
DRILLER	Adam Huchinson	**WATER LEVEL**	

Ground El.		ft	**Location**	See map	**Drilling Equipment** Geoprobe 7822DT
El. Datum					

SOIL/ROCK CONDITIONS | **BOREHOLE BACKFILL**



Height/Depth of top of riser pipe above ground surface	2.5 ft
Diameter of Borehole	3 1/4 in

Type of Seals	Top of Seal (ft)	Thickness (ft)
Grout	0'-0"	16
Bentonite	16'-3"	4
Sand	20'-3"	2

Type of riser pipe:	PVC
Inside diameter of riser pipe	2 in
Type of backfill around riser	Grout
Depth to top of probe	21'-3" ft
Depth to bottom of probe	22'-3" ft

Riser Pay Length	+	Length of Screen	=	Pay length
ft		ft		ft

COMMENTS:

TEMPORARY WELL INSTALLATION REPORT

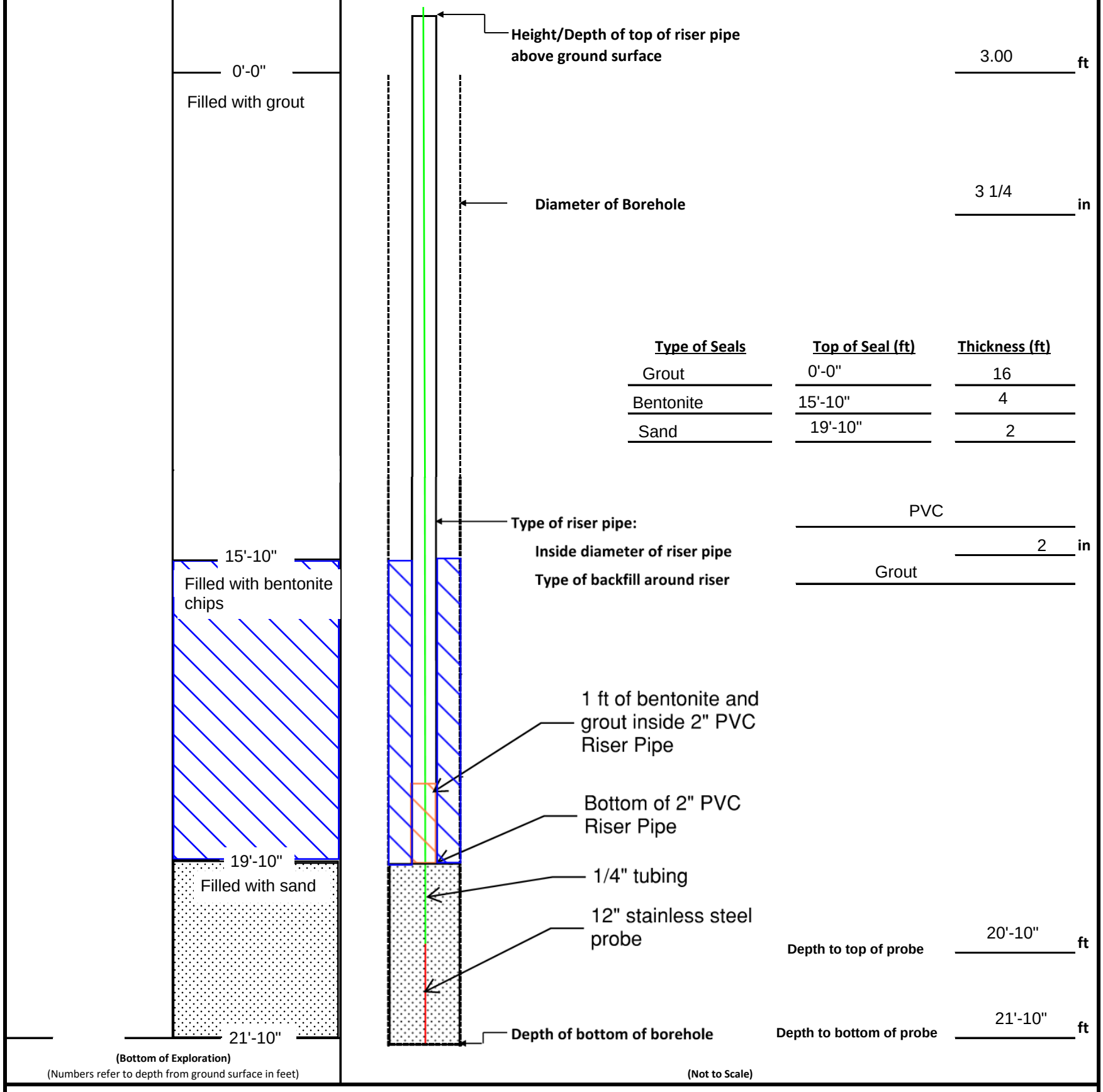
Well No. MP-2

Boring No.

PROJECT	860 Flushing Avenue Site	**H&A FILE NO.**	0211437
LOCATION	860 Flushing Avenue, Brooklyn, NY	**PROJECT MGR.**	L. McCartney
CLIENT	Flushing Holdings NY LLC	**FIELD REP.**	D. Freliech
CONTRACTOR	Lakewood Environmental Services	**DATE INSTALLED**	6/1/2026
DRILLER	Adam Huchinson	**WATER LEVEL**	

Ground El.	ft	**Location**	See map	**Drilling Equipment**	Geoprobe 7822DT
El. Datum					

SOIL/ROCK CONDITIONS | **BOREHOLE BACKFILL**



Height/Depth of top of riser pipe above ground surface	3.00 ft
Diameter of Borehole	3 1/4 in

Type of Seals	Top of Seal (ft)	Thickness (ft)
Grout	0'-0"	16
Bentonite	15'-10"	4
Sand	19'-10"	2

Type of riser pipe:	PVC
Inside diameter of riser pipe	2 in
Type of backfill around riser	Grout
Depth to top of probe	20'-10" ft
Depth to bottom of probe	21'-10" ft

Riser Pay Length	+	Length of Screen	=	Pay length
ft		ft		ft

COMMENTS:

TEMPORARY WELL INSTALLATION REPORT

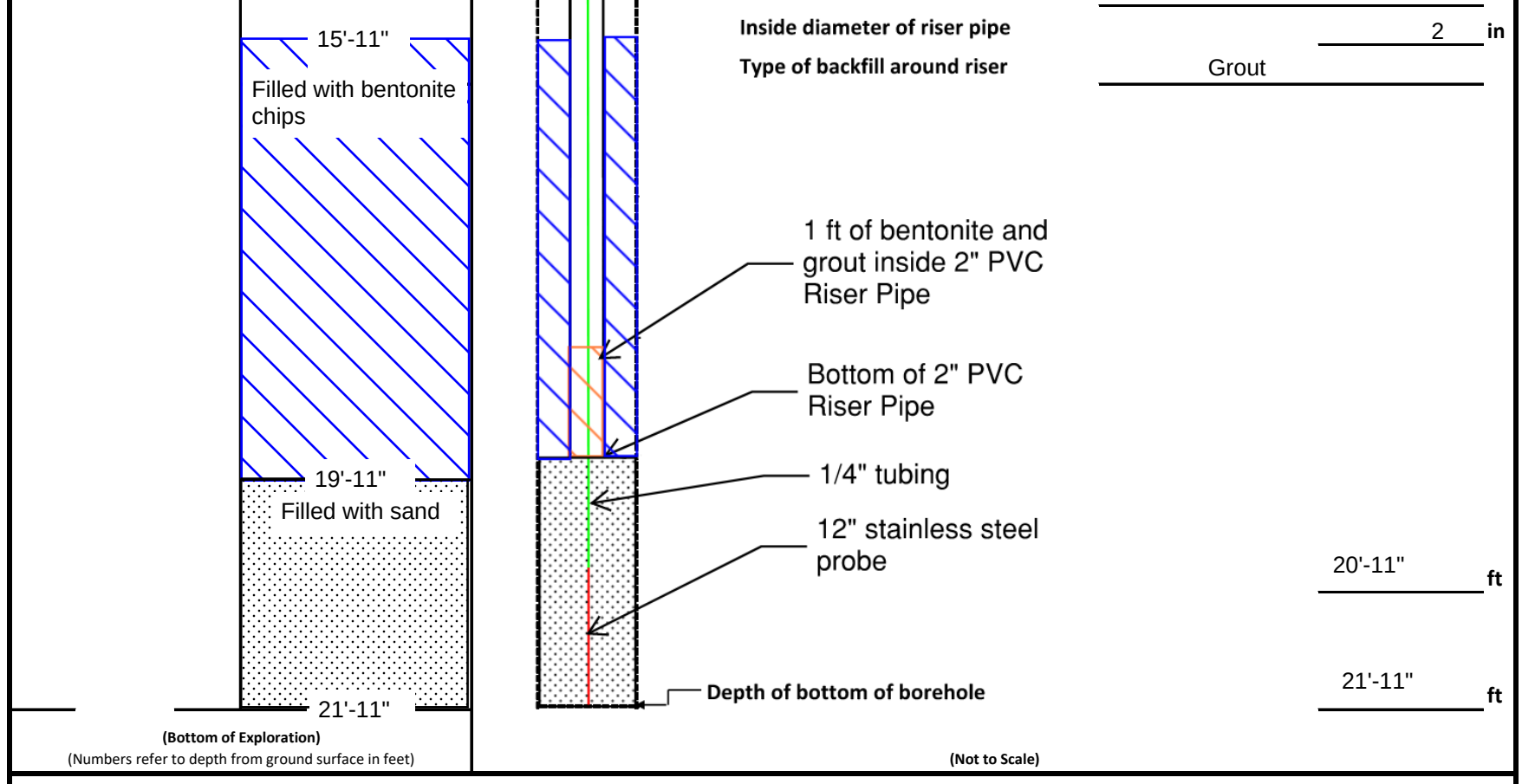
Well No. MP-3

Boring No.

PROJECT	860 Flushing Avenue Site	**H&A FILE NO.**	0211437
LOCATION	860 Flushing Avenue, Brooklyn, NY	**PROJECT MGR.**	L. McCartney
CLIENT	Flushing Holdings NY LLC	**FIELD REP.**	D. Freliech
CONTRACTOR	Lakewood Environmental Services	**DATE INSTALLED**	6/1/2026
DRILLER	Adam Huchinson	**WATER LEVEL**	

Ground El.		ft	**Location**	see map	**Drilling Equipment** Geoprobe 7822DT
El. Datum					

SOIL/ROCK CONDITIONS | **BOREHOLE BACKFILL**



Type of Seals	Top of Seal (ft)	Thickness (ft)
Grout	0'-0"	16
Bentonite	15'-11"	4
Sand	19'-11"	2

ft	+	ft	=	ft
Riser Pay Length		Length of Screen		Pay length

COMMENTS:

TEMPORARY WELL INSTALLATION REPORT

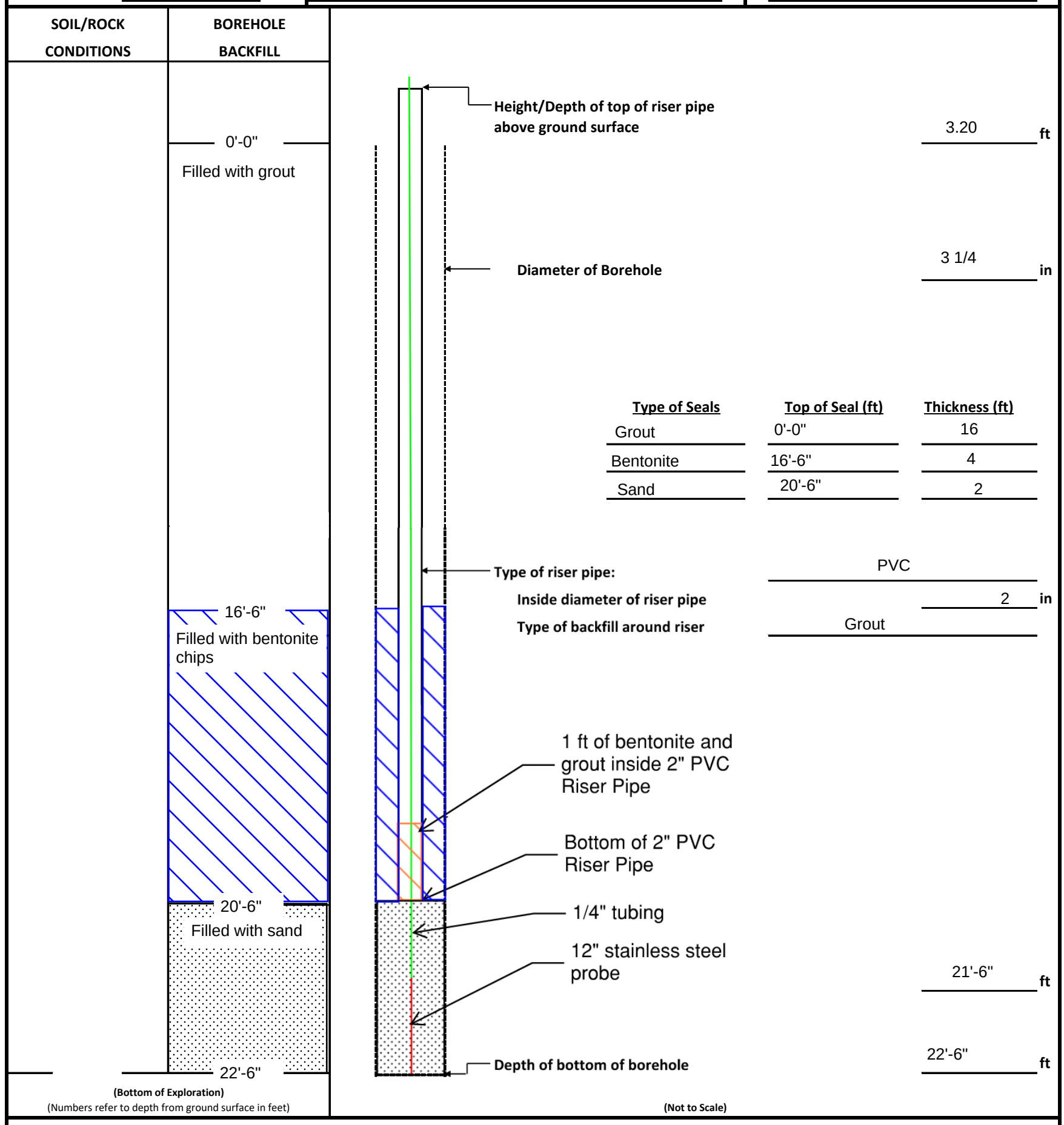
Well No. MP-4

Boring No.

PROJECT	860 Flushing Avenue Site	**H&A FILE NO.**	0211437
LOCATION	860 Flushing Avenue, Brooklyn, NY	**PROJECT MGR.**	L. McCartney
CLIENT	Flushing Holdings NY LLC	**FIELD REP.**	T. Ritchie
CONTRACTOR	Lakewood Environmental Services	**DATE INSTALLED**	6/4/2026
DRILLER	Adam Huchinson	**WATER LEVEL**	

Ground El.	ft	**Location**	see map	**Drilling Equipment**	Geoprobe 7822DT
El. Datum					

SOIL/ROCK CONDITIONS | **BOREHOLE BACKFILL**



Type of Seals	Top of Seal (ft)	Thickness (ft)
Grout	0'-0"	16
Bentonite	16'-6"	4
Sand	20'-6"	2

ft	+	ft	=	ft
Riser Pay Length		Length of Screen		Pay length

COMMENTS:

TEMPORARY WELL INSTALLATION REPORT

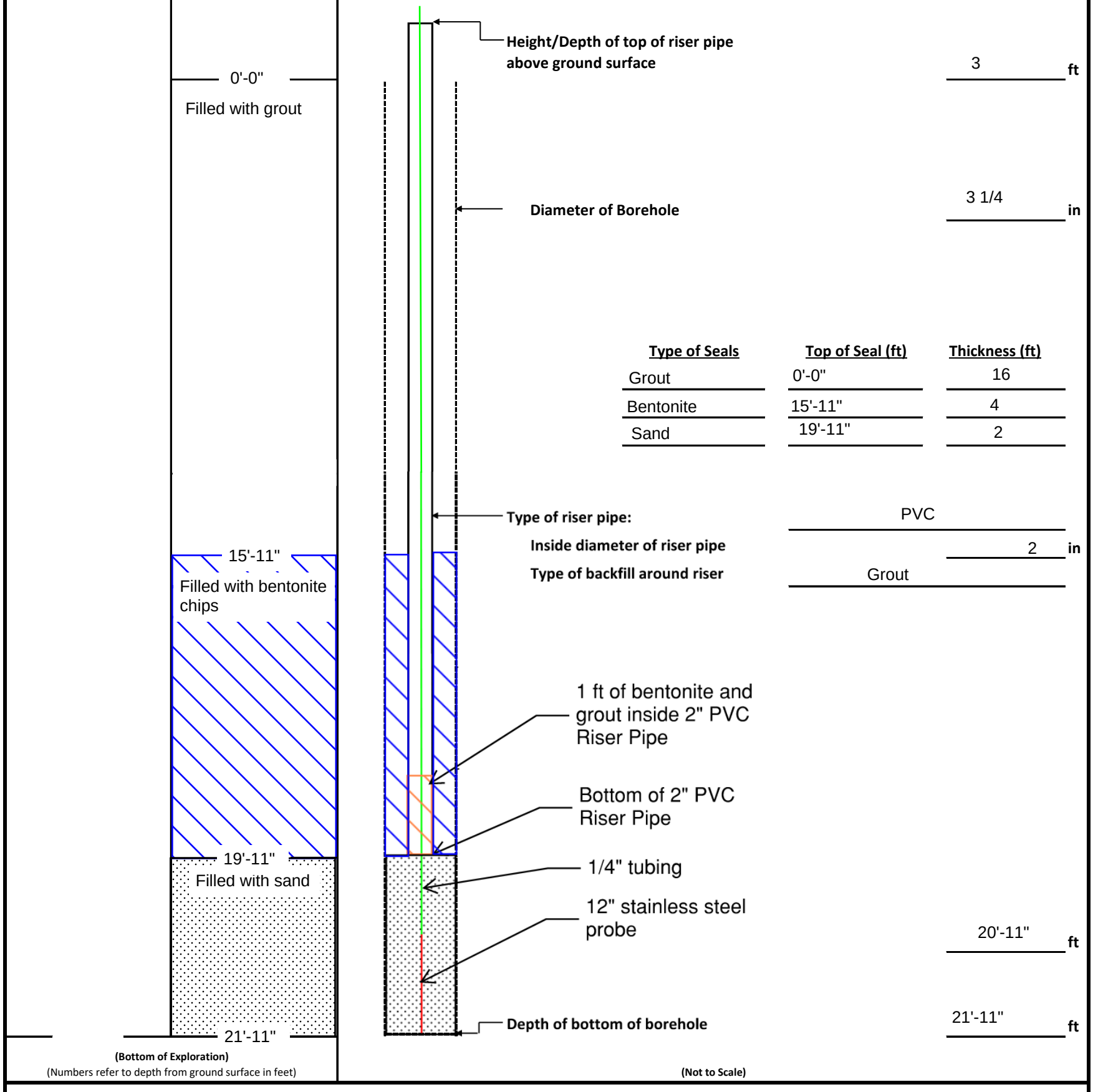
Well No. MP-5

Boring No.

PROJECT	860 Flushing Avenue Site	**H&A FILE NO.**	0211437
LOCATION	860 Flushing Avenue, Brooklyn, NY	**PROJECT MGR.**	L. McCartney
CLIENT	Flushing Holdings NY LLC	**FIELD REP.**	D. Freliech
CONTRACTOR	Lakewood Environmental Services	**DATE INSTALLED**	6/2/2026
DRILLER	Adam Huchinson	**WATER LEVEL**	

Ground El.	ft	**Location**	see map	**Drilling Equipment**	Geoprobe 7822DT
El. Datum					

SOIL/ROCK CONDITIONS | **BOREHOLE BACKFILL**



Type of Seals	Top of Seal (ft)	Thickness (ft)
Grout	0'-0"	16
Bentonite	15'-11"	4
Sand	19'-11"	2

ft	+	ft	=	ft
Riser Pay Length		Length of Screen		Pay length

COMMENTS:

TEMPORARY WELL INSTALLATION REPORT

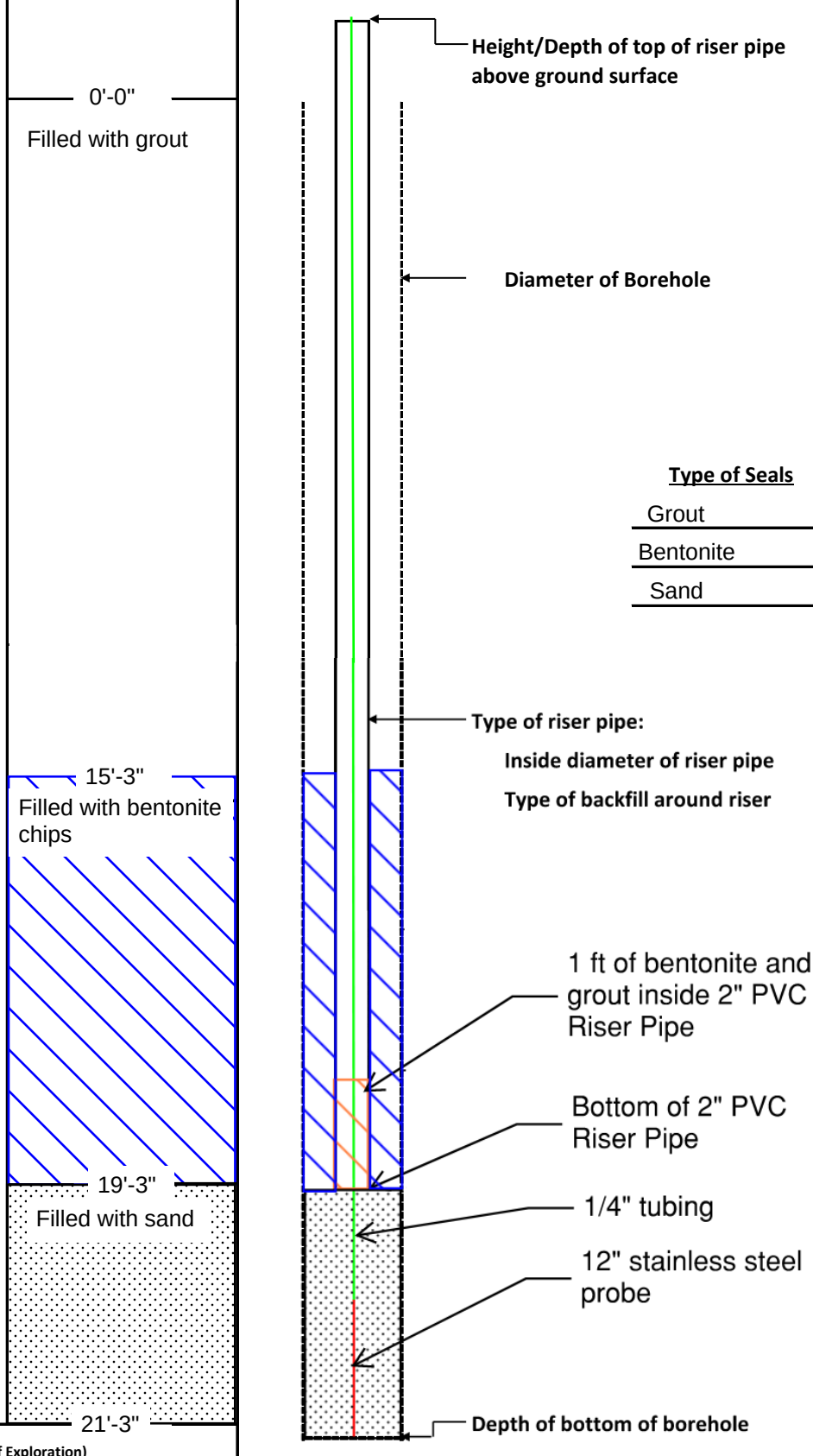
Well No. MP-6

Boring No.

PROJECT	860 Flushing Avenue Site	**H&A FILE NO.**	0211437
LOCATION	860 Flushing Avenue, Brooklyn, NY	**PROJECT MGR.**	L. McCartney
CLIENT	Flushing Holdings NY LLC	**FIELD REP.**	D. Freliech
CONTRACTOR	Lakewood Environmental Services	**DATE INSTALLED**	6/2/2026
DRILLER	Adam Huchinson	**WATER LEVEL**	

Ground El.	ft	**Location**	see map	**Drilling Equipment**	Geoprobe 7822DT
El. Datum					

SOIL/ROCK CONDITIONS | **BOREHOLE BACKFILL**



Height/Depth of top of riser pipe above ground surface	3.80 ft
Diameter of Borehole	3 1/4 in

Type of Seals	Top of Seal (ft)	Thickness (ft)
Grout	0'-0"	15
Bentonite	15'-3"	4
Sand	19'-3"	2

Type of riser pipe:	PVC
Inside diameter of riser pipe	2 in
Type of backfill around riser	Grout
	20'-3" ft
	21'-3" ft

ft	+	ft	=	ft
Riser Pay Length		Length of Screen		Pay length

COMMENTS:

TEMPORARY WELL INSTALLATION REPORT

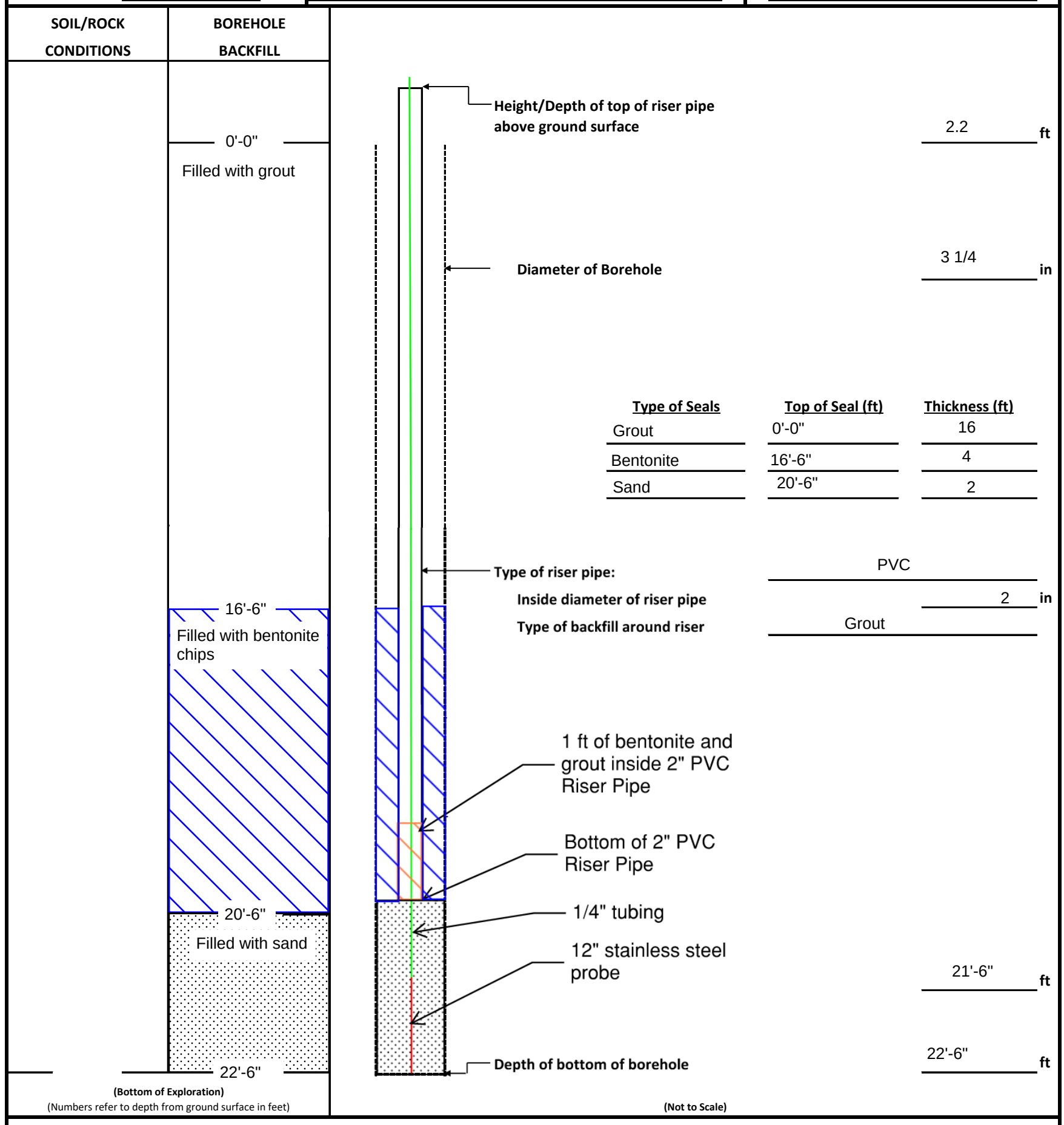
Well No. MP-7

Boring No.

PROJECT	860 Flushing Avenue Site	**H&A FILE NO.**	0211437
LOCATION	860 Flushing Avenue, Brooklyn, NY	**PROJECT MGR.**	L. McCartney
CLIENT	Flushing Holdings NY LLC	**FIELD REP.**	D. Freliech
CONTRACTOR	Lakewood Environmental Services	**DATE INSTALLED**	6/2/2026
DRILLER	Adam Huchinson	**WATER LEVEL**	

Ground El.	ft	**Location**	see map	**Drilling Equipment**	Geoprobe 7822DT
El. Datum					

SOIL/ROCK CONDITIONS | **BOREHOLE BACKFILL**



Height/Depth of top of riser pipe above ground surface	2.2 ft
Diameter of Borehole	3 1/4 in

Type of Seals	Top of Seal (ft)	Thickness (ft)
Grout	0'-0"	16
Bentonite	16'-6"	4
Sand	20'-6"	2

Type of riser pipe:	PVC
Inside diameter of riser pipe	2 in
Type of backfill around riser	Grout

Riser Pay Length	ft
+ Length of Screen	ft
= Pay length	ft
	21'-6" ft
	22'-6" ft

COMMENTS:

TEMPORARY WELL INSTALLATION REPORT

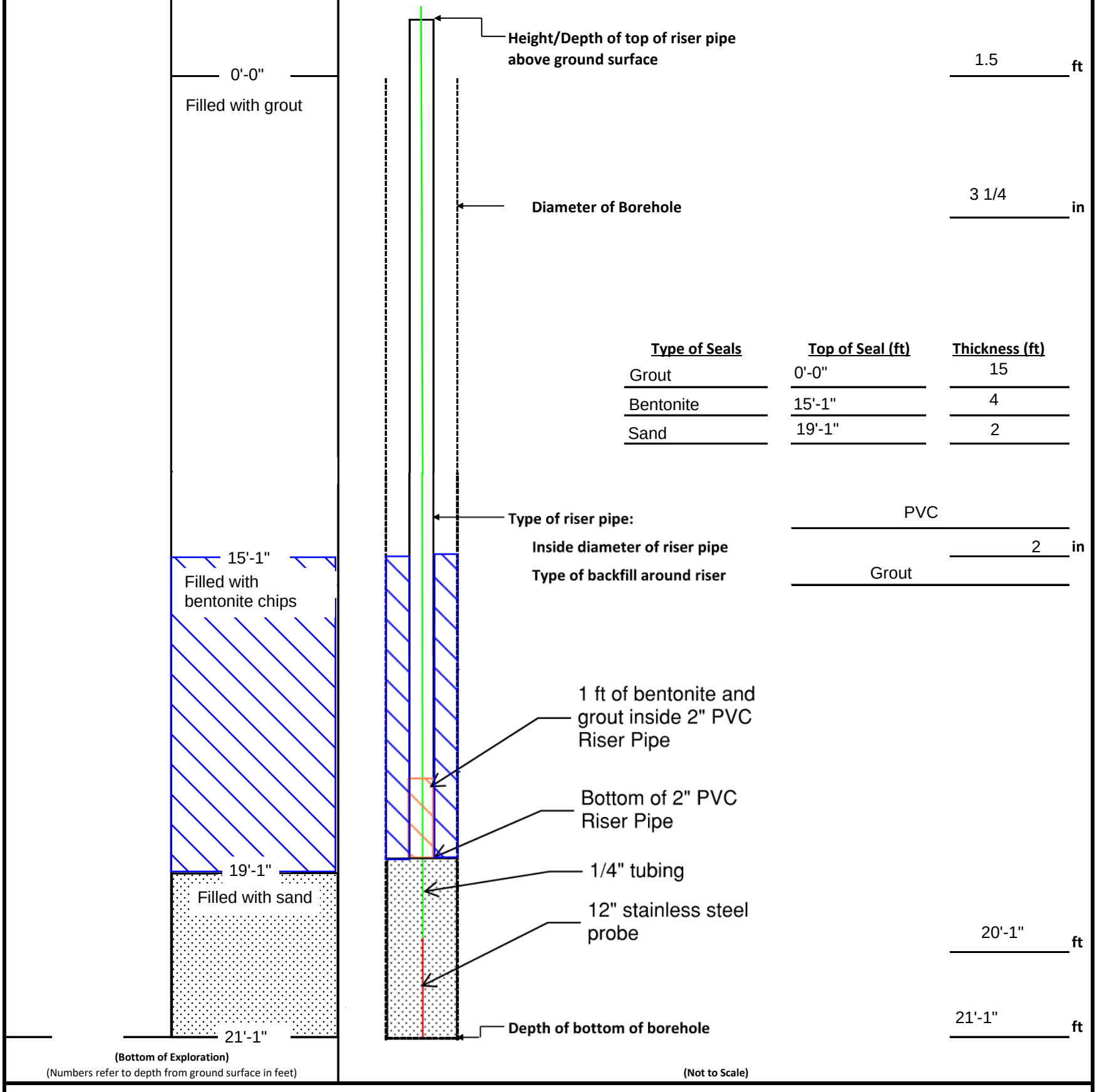
Well No. MP-8

Boring No.

PROJECT	860 Flushing Avenue Site	**H&A FILE NO.**	0211437
LOCATION	860 Flushing Avenue, Brooklyn, NY	**PROJECT MGR.**	L. McCartney
CLIENT	Flushing Holdings NY LLC	**FIELD REP.**	D. Freliech
CONTRACTOR	Lakewood Environmental Services	**DATE INSTALLED**	6/2/2026
DRILLER	Adam Huchinson	**WATER LEVEL**	

Ground El.	ft	**Location**	see map	**Drilling Equipment**	Geoprobe 7822DT
El. Datum					

SOIL/ROCK CONDITIONS | **BOREHOLE BACKFILL**



ft	+	ft	=	ft
Riser Pay Length		Length of Screen		Pay length

COMMENTS:

TEMPORARY WELL INSTALLATION REPORT

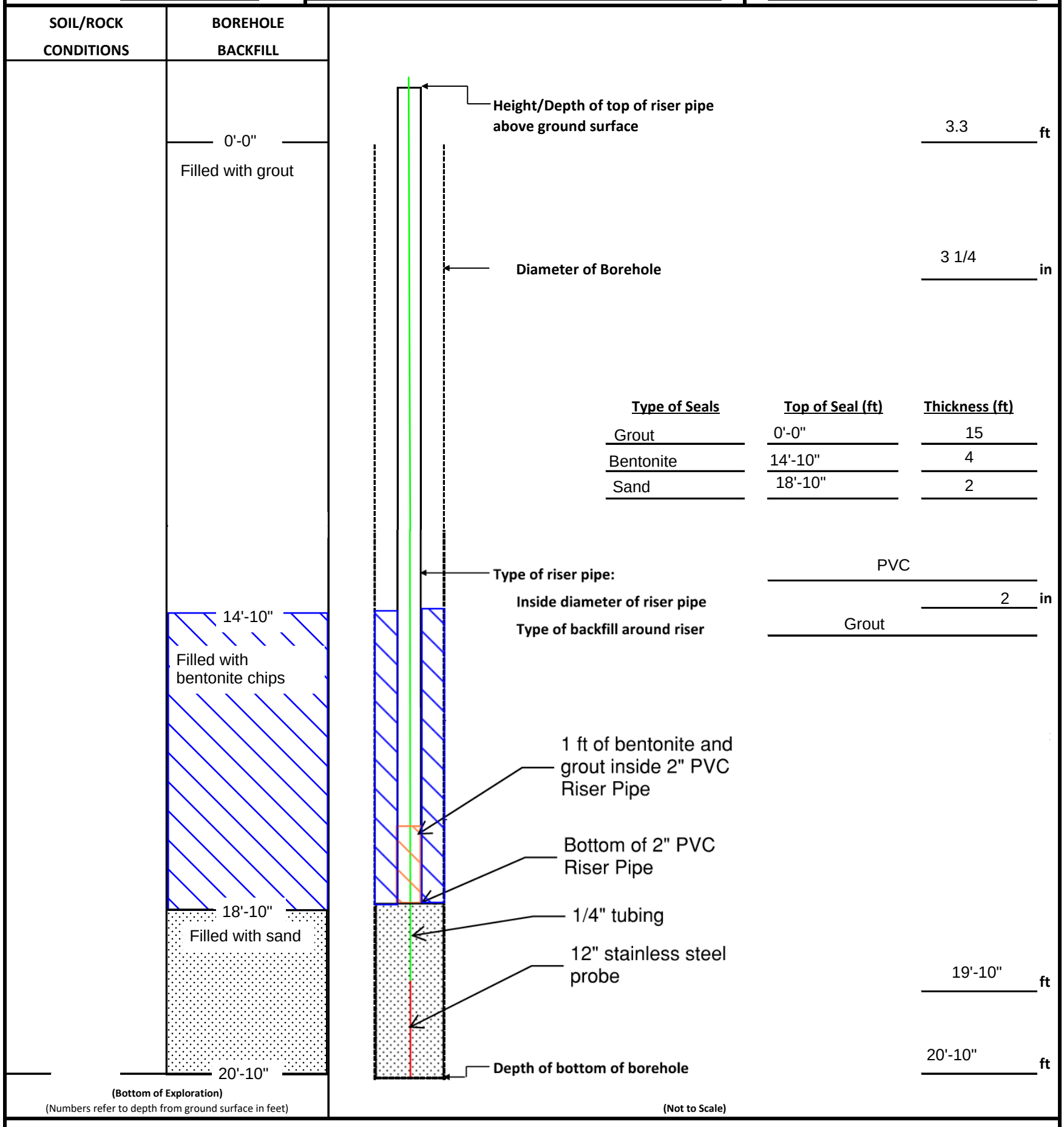
Well No. MP-9

Boring No.

PROJECT	860 Flushing Avenue Site	**H&A FILE NO.**	0211437
LOCATION	860 Flushing Avenue, Brooklyn, NY	**PROJECT MGR.**	L. McCartney
CLIENT	Flushing Holdings NY LLC	**FIELD REP.**	D. Freliech
CONTRACTOR	Lakewood Environmental Services	**DATE INSTALLED**	6/2/2026
DRILLER	Adam Huchinson	**WATER LEVEL**	

Ground El.		ft	**Location**	see map	**Drilling Equipment** Geoprobe 7822DT
El. Datum					

SOIL/ROCK CONDITIONS | **BOREHOLE BACKFILL**



Height/Depth of top of riser pipe above ground surface	3.3 ft
Diameter of Borehole	3 1/4 in

Type of Seals	Top of Seal (ft)	Thickness (ft)
Grout	0'-0"	15
Bentonite	14'-10"	4
Sand	18'-10"	2

Type of riser pipe:	PVC
Inside diameter of riser pipe	2 in
Type of backfill around riser	Grout

Depth of bottom of borehole	19'-10" ft
	20'-10" ft

ft	+	ft	=	ft
Riser Pay Length		Length of Screen		Pay length

COMMENTS:

TEMPORARY WELL INSTALLATION REPORT

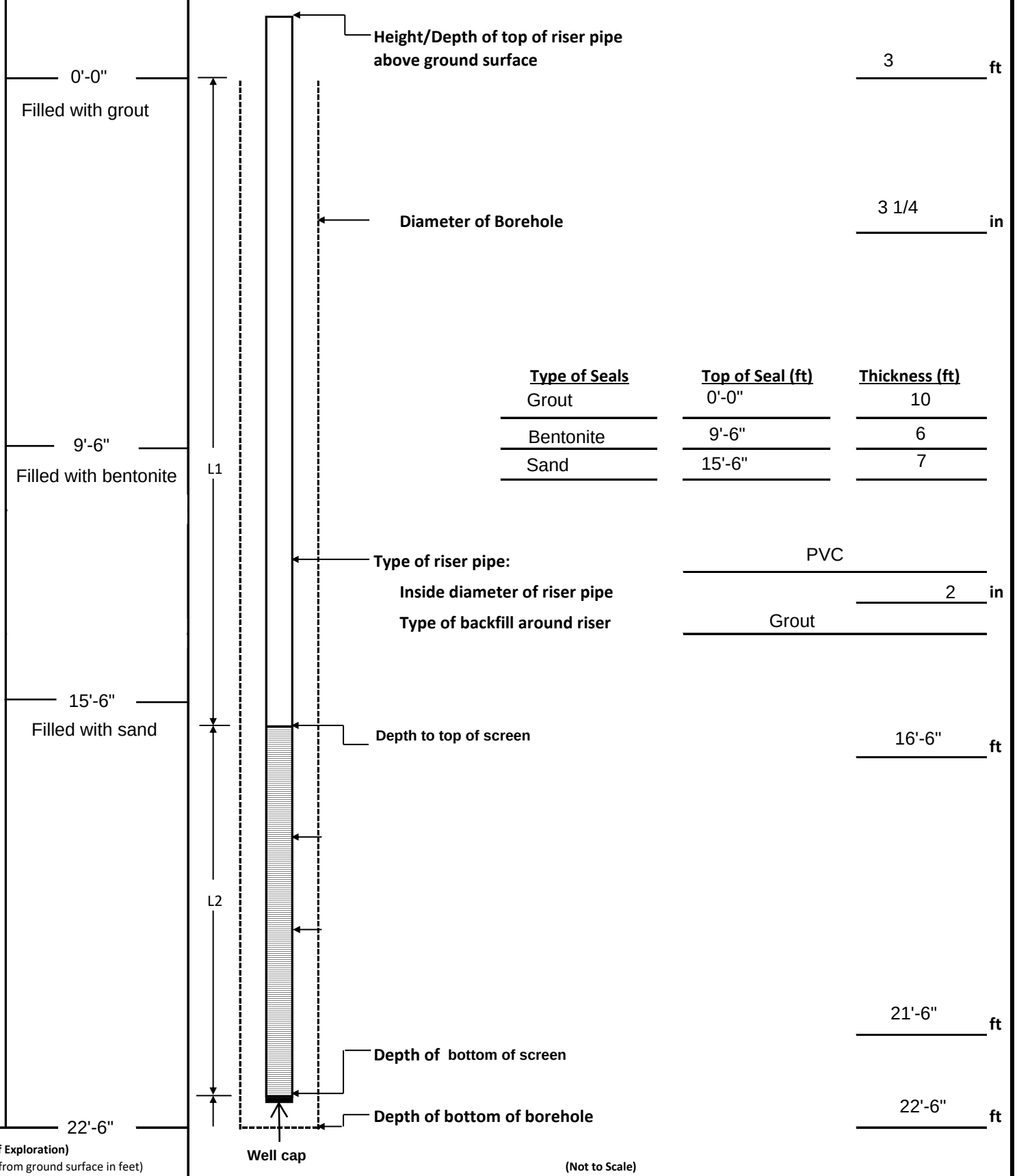
Well No. SVE-1

Boring No.

PROJECT	860 Flushing Avenue Site	**H&A FILE NO.**	0211437
LOCATION	860 Flushing Avenue, Brooklyn, NY	**PROJECT MGR.**	L. McCartney
CLIENT	Flushing Holdings NY LLC	**FIELD REP.**	D. Freliech
CONTRACTOR	Lakewood Environmental Services	**DATE INSTALLED**	6/1/2026
DRILLER	Adam Huchinson	**WATER LEVEL**	

Ground El.		ft	**Location**	See map	**Drilling Equipment** Geoprobe 7822DT
El. Datum					

SOIL/ROCK CONDITIONS | **BOREHOLE BACKFILL**



Height/Depth of top of riser pipe above ground surface 3 ft

Diameter of Borehole 3 1/4 in

Type of Seals	Top of Seal (ft)	Thickness (ft)
Grout	0'-0"	10
Bentonite	9'-6"	6
Sand	15'-6"	7

Type of riser pipe: PVC

Inside diameter of riser pipe 2 in

Type of backfill around riser Grout

Depth to top of screen 16'-6" ft

Depth of bottom of screen 21'-6" ft

Depth of bottom of borehole 22'-6" ft

Riser Pay Length (L1)	+	Length of Screen (L2)	=	Pay length
ft		ft		ft

COMMENTS:

TEMPORARY WELL INSTALLATION REPORT

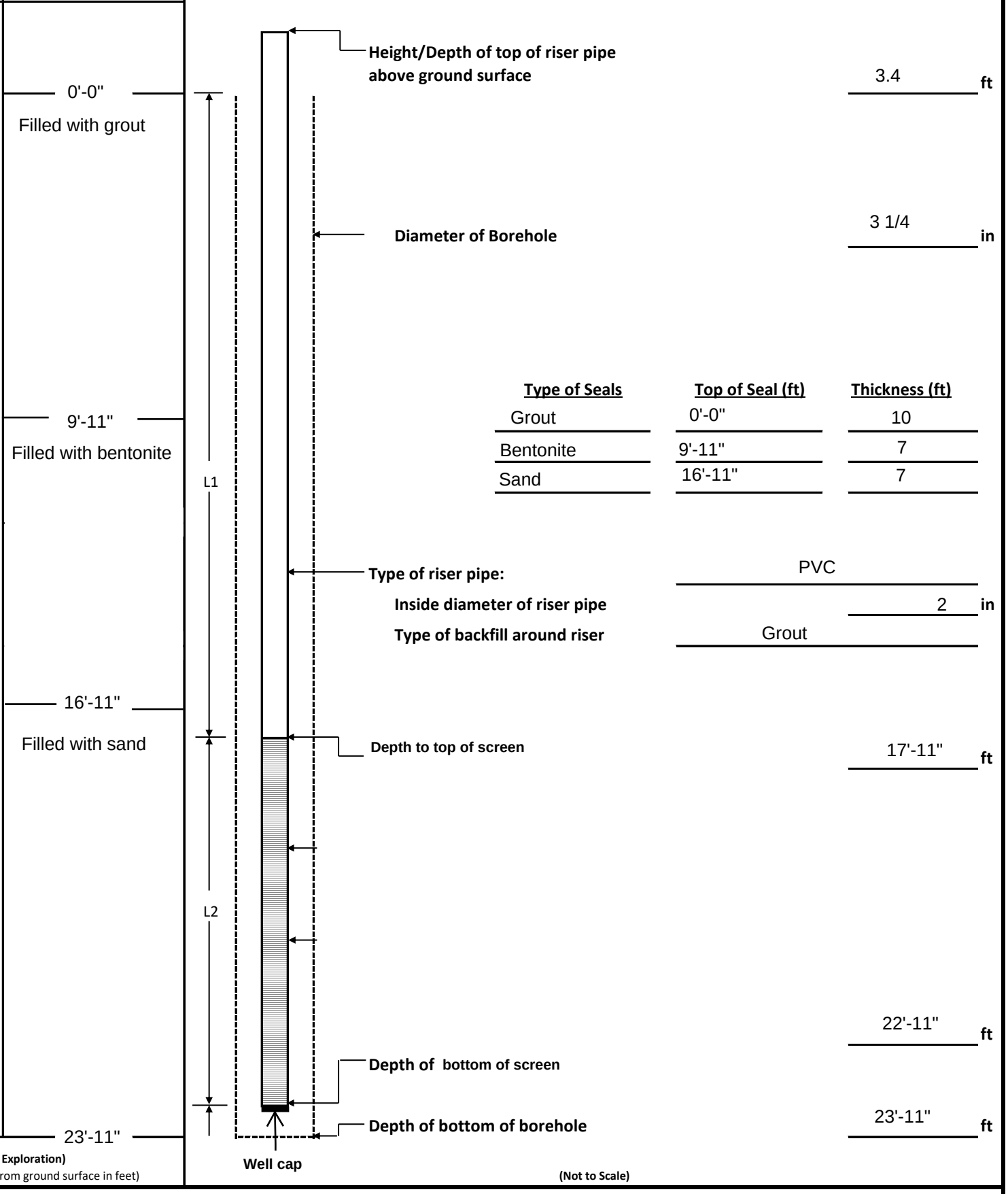
Well No. SVE-2

Boring No.

PROJECT	860 Flushing Avenue Site	**H&A FILE NO.**	0211437
LOCATION	860 Flushing Avenue, Brooklyn, NY	**PROJECT MGR.**	L. McCartney
CLIENT	Flushing Holdings NY LLC	**FIELD REP.**	D. Freliech
CONTRACTOR	Lakewood Environmental Services	**DATE INSTALLED**	6/1/2026
DRILLER	Adam Huchinson	**WATER LEVEL**	

Ground El.	ft	**Location**	see map	**Drilling Equipment**	Geoprobe 7822DT
El. Datum					

SOIL/ROCK CONDITIONS | **BOREHOLE BACKFILL**



Height/Depth of top of riser pipe above ground surface 3.4 ft

Diameter of Borehole 3 1/4 in

Type of Seals	Top of Seal (ft)	Thickness (ft)
Grout	0'-0"	10
Bentonite	9'-11"	7
Sand	16'-11"	7

Type of riser pipe: PVC

Inside diameter of riser pipe 2 in

Type of backfill around riser Grout

Depth to top of screen 17'-11" ft

Depth of bottom of screen 22'-11" ft

Depth of bottom of borehole 23'-11" ft

Riser Pay Length (L1)	+	Length of Screen (L2)	=	Pay length
ft		ft		ft

COMMENTS:

TEMPORARY WELL INSTALLATION REPORT

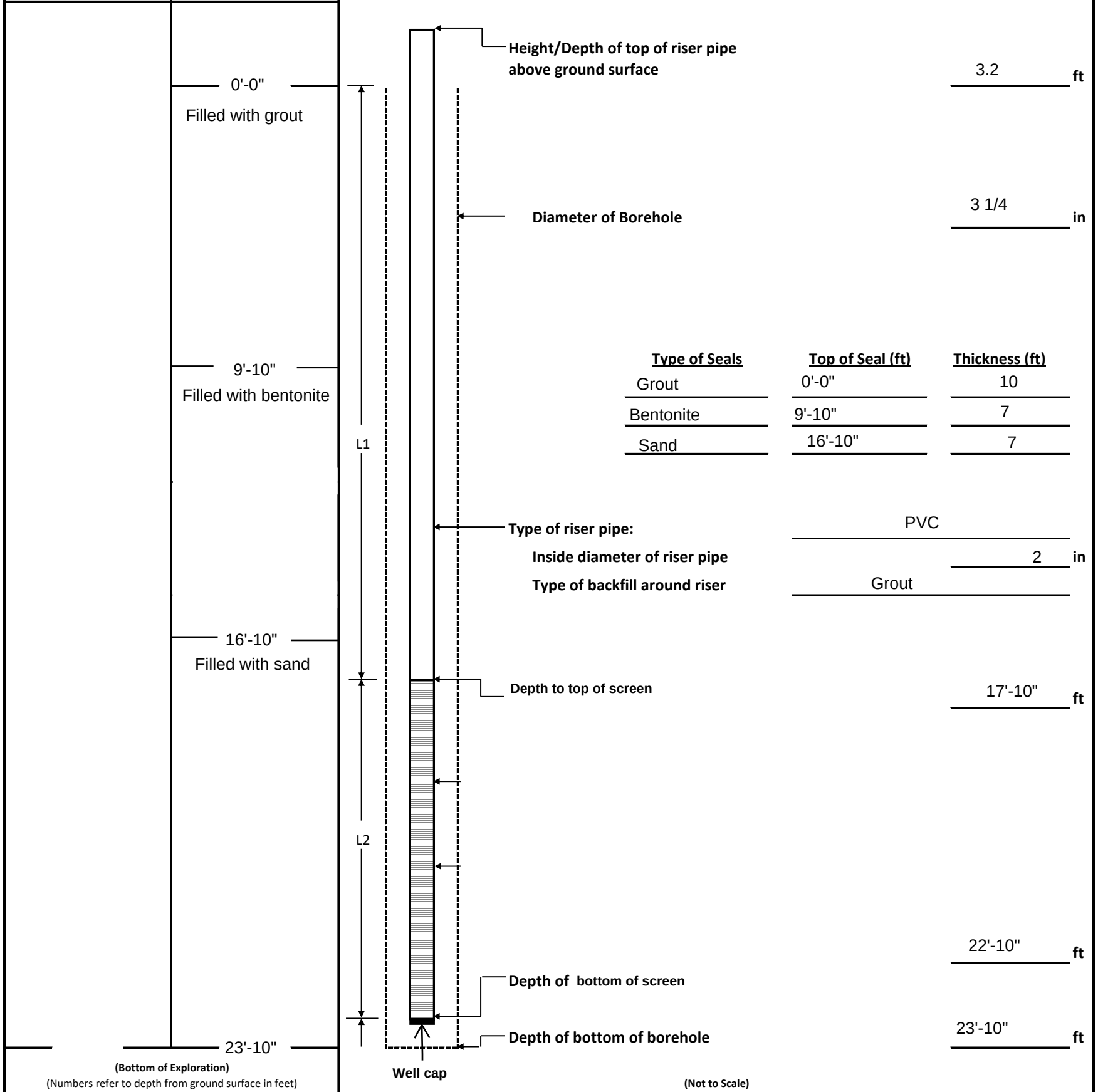
Well No. SVE-3

Boring No.

PROJECT	860 Flushing Avenue Site	**H&A FILE NO.**	0211437
LOCATION	860 Flushing Avenue, Brooklyn, NY	**PROJECT MGR.**	L. McCartney
CLIENT	Flushing Holdings NY LLC	**FIELD REP.**	D. Freliech
CONTRACTOR	Lakewood Environmental Services	**DATE INSTALLED**	6/2/2026
DRILLER	Adam Huchinson	**WATER LEVEL**	

Ground El.		ft	**Location**	see map	**Drilling Equipment** Geoprobe 7822DT
El. Datum					

SOIL/ROCK CONDITIONS | **BOREHOLE BACKFILL**



Height/Depth of top of riser pipe above ground surface 3.2 ft

Diameter of Borehole 3 1/4 in

Type of Seals	Top of Seal (ft)	Thickness (ft)
Grout	0'-0"	10
Bentonite	9'-10"	7
Sand	16'-10"	7

Type of riser pipe: PVC

Inside diameter of riser pipe 2 in

Type of backfill around riser Grout

Depth to top of screen 17'-10" ft

Depth of bottom of screen 22'-10" ft

Depth of bottom of borehole 23'-10" ft

(Not to Scale)

Riser Pay Length (L1)		Length of Screen (L2)		Pay length
ft	+	ft	=	ft

COMMENTS:

TEMPORARY WELL INSTALLATION REPORT

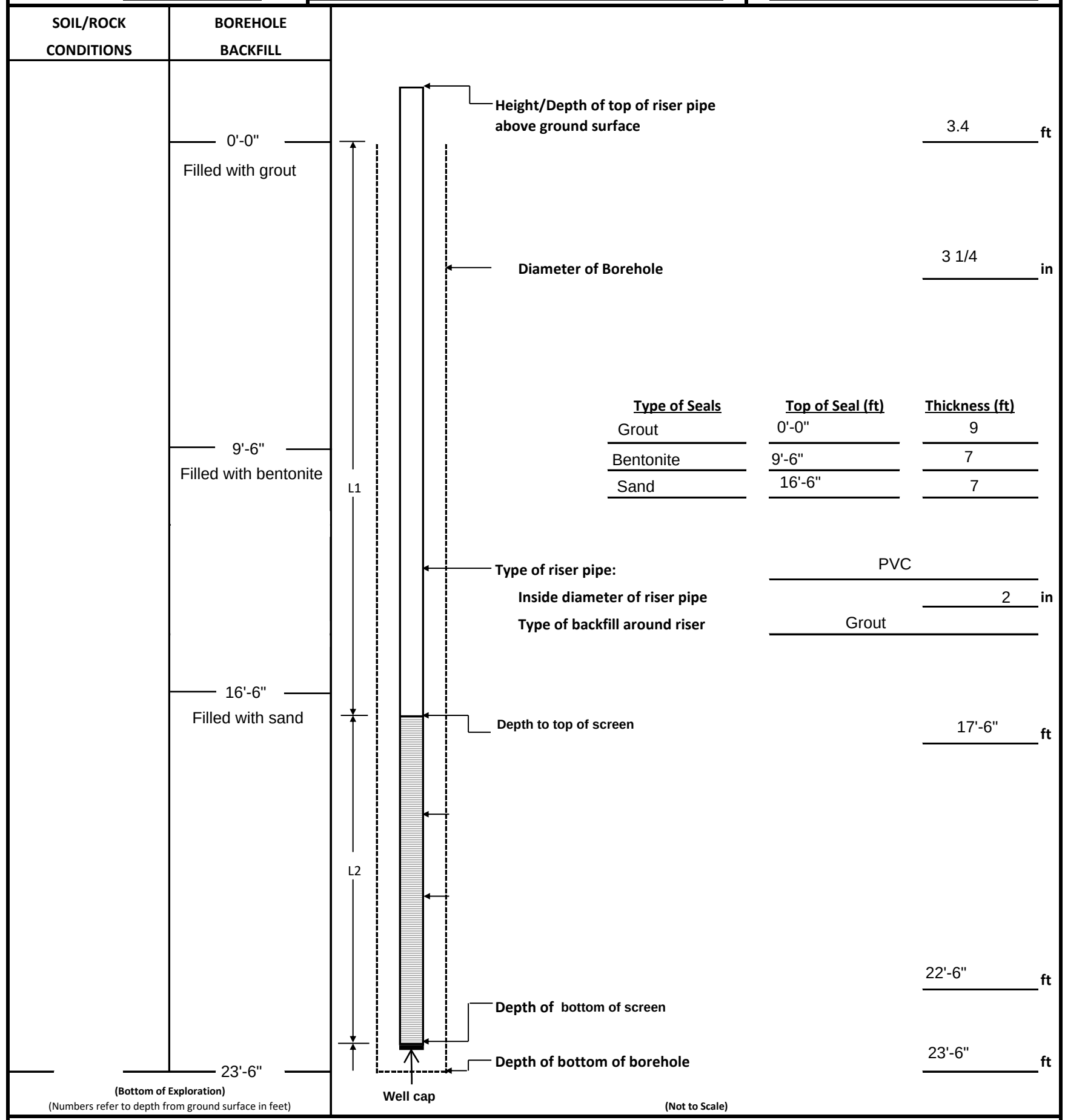
Well No. SVE-4

Boring No.

PROJECT	860 Flushing Avenue Site	**H&A FILE NO.**	0211437
LOCATION	860 Flushing Avenue, Brooklyn, NY	**PROJECT MGR.**	L. McCartney
CLIENT	Flushing Holdings NY LLC	**FIELD REP.**	D. Freliech
CONTRACTOR	Lakewood Environmental Services	**DATE INSTALLED**	6/2/2026
DRILLER	Adam Huchinson	**WATER LEVEL**	

Ground El.		ft	**Location**	see map	**Drilling Equipment** Geoprobe 7822DT
El. Datum					

SOIL/ROCK CONDITIONS | **BOREHOLE BACKFILL**



Height/Depth of top of riser pipe above ground surface 3.4 ft

Diameter of Borehole 3 1/4 in

Type of Seals	Top of Seal (ft)	Thickness (ft)
Grout	0'-0"	9
Bentonite	9'-6"	7
Sand	16'-6"	7

Type of riser pipe: PVC

Inside diameter of riser pipe 2 in

Type of backfill around riser Grout

Depth to top of screen 17'-6" ft

Depth of bottom of screen 22'-6" ft

Depth of bottom of borehole 23'-6" ft

Riser Pay Length (L1)	+	Length of Screen (L2)	=	Pay length
ft		ft		ft

COMMENTS:

Form 2007

TEMPORARY WELL INSTALLATION REPORT

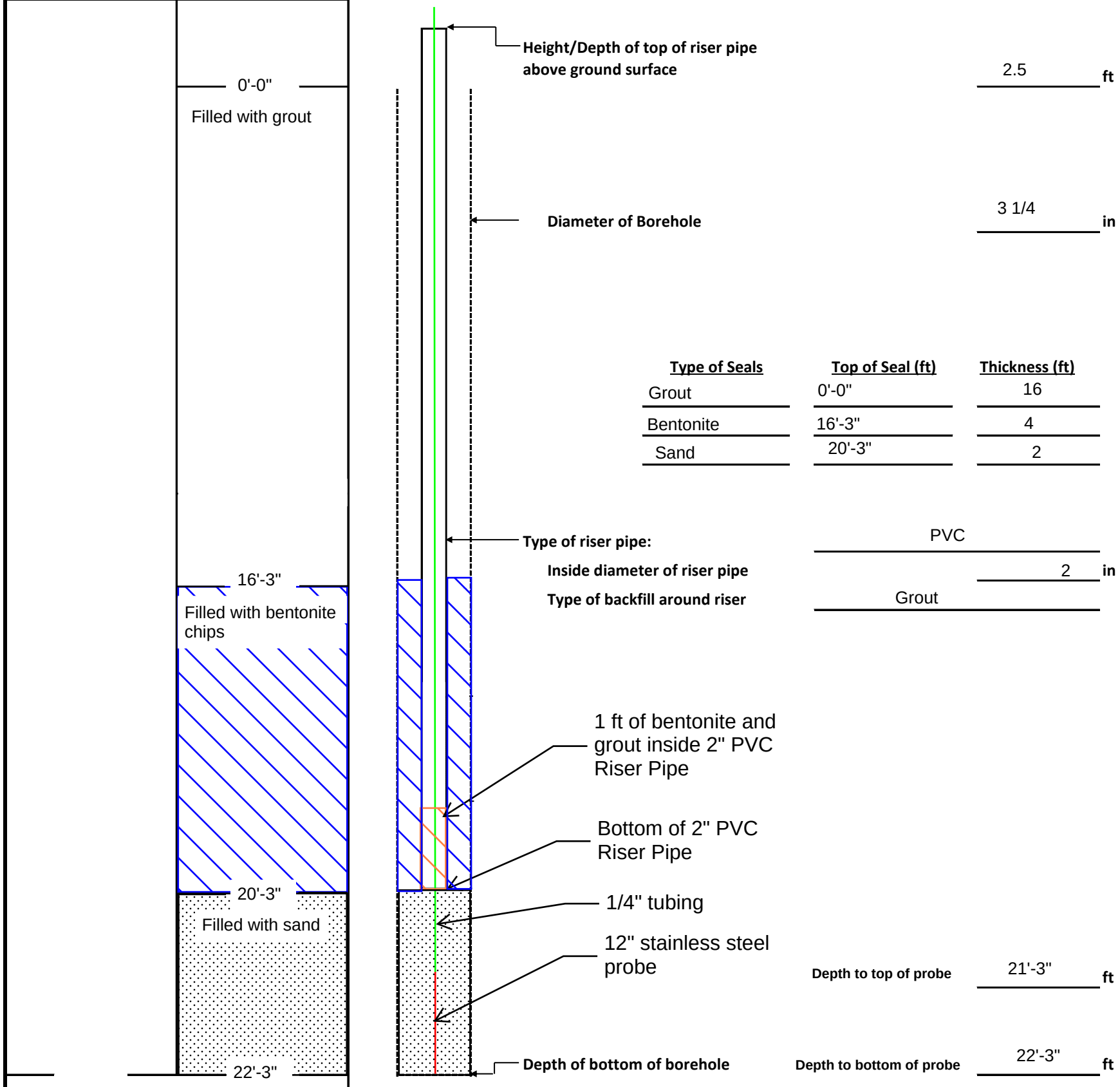
Well No. MP-1

Boring No.

PROJECT	860 Flushing Avenue Site	**H&A FILE NO.**	0211437
LOCATION	860 Flushing Avenue, Brooklyn, NY	**PROJECT MGR.**	L. McCartney
CLIENT	Flushing Holdings NY LLC	**FIELD REP.**	D. Freliech
CONTRACTOR	Lakewood Environmental Services	**DATE INSTALLED**	6/1/2026
DRILLER	Adam Huchinson	**WATER LEVEL**	

Ground El.		ft	**Location**	See map	**Drilling Equipment** Geoprobe 7822DT
El. Datum					

SOIL/ROCK CONDITIONS | **BOREHOLE BACKFILL**



Height/Depth of top of riser pipe above ground surface	2.5 ft
Diameter of Borehole	3 1/4 in

Type of Seals	Top of Seal (ft)	Thickness (ft)
Grout	0'-0"	16
Bentonite	16'-3"	4
Sand	20'-3"	2

Type of riser pipe:	PVC
Inside diameter of riser pipe	2 in
Type of backfill around riser	Grout
Depth to top of probe	21'-3" ft
Depth to bottom of probe	22'-3" ft

Riser Pay Length	+	Length of Screen	=	Pay length
ft		ft		ft

COMMENTS:

TEMPORARY WELL INSTALLATION REPORT

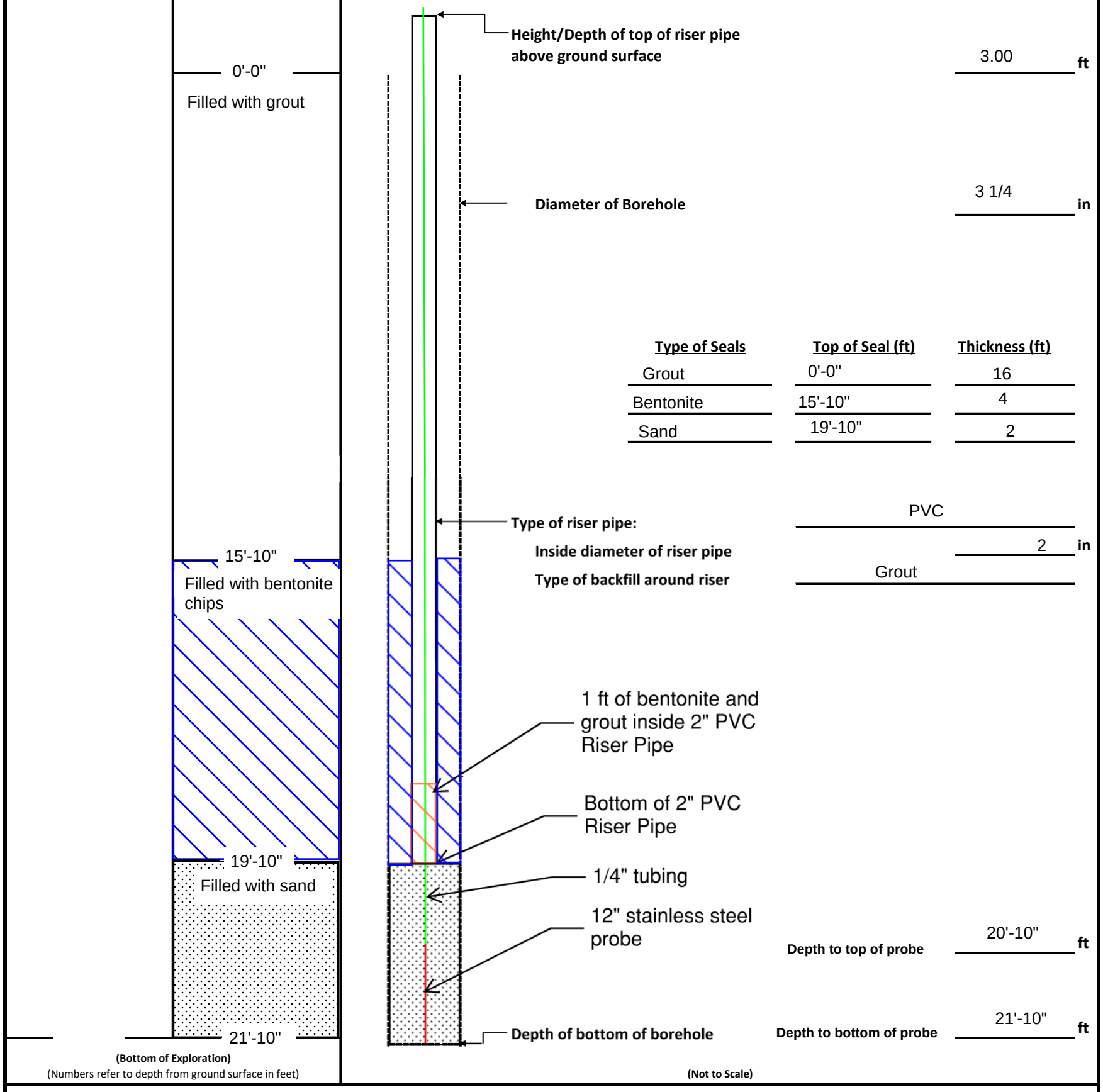
Well No. MP-2

Boring No.

PROJECT	860 Flushing Avenue Site	**H&A FILE NO.**	0211437
LOCATION	860 Flushing Avenue, Brooklyn, NY	**PROJECT MGR.**	L. McCartney
CLIENT	Flushing Holdings NY LLC	**FIELD REP.**	D. Freliech
CONTRACTOR	Lakewood Environmental Services	**DATE INSTALLED**	6/1/2026
DRILLER	Adam Huchinson	**WATER LEVEL**	

Ground El.	ft	**Location**	See map	**Drilling Equipment**	Geoprobe 7822DT
El. Datum					

SOIL/ROCK CONDITIONS | **BOREHOLE BACKFILL**



Height/Depth of top of riser pipe above ground surface	3.00 ft
Diameter of Borehole	3 1/4 in

Type of Seals	Top of Seal (ft)	Thickness (ft)
Grout	0'-0"	16
Bentonite	15'-10"	4
Sand	19'-10"	2

Type of riser pipe:	PVC
Inside diameter of riser pipe	2 in
Type of backfill around riser	Grout
Depth to top of probe	20'-10" ft
Depth to bottom of probe	21'-10" ft

Riser Pay Length	+	Length of Screen	=	Pay length
ft		ft		ft

COMMENTS:

TEMPORARY WELL INSTALLATION REPORT

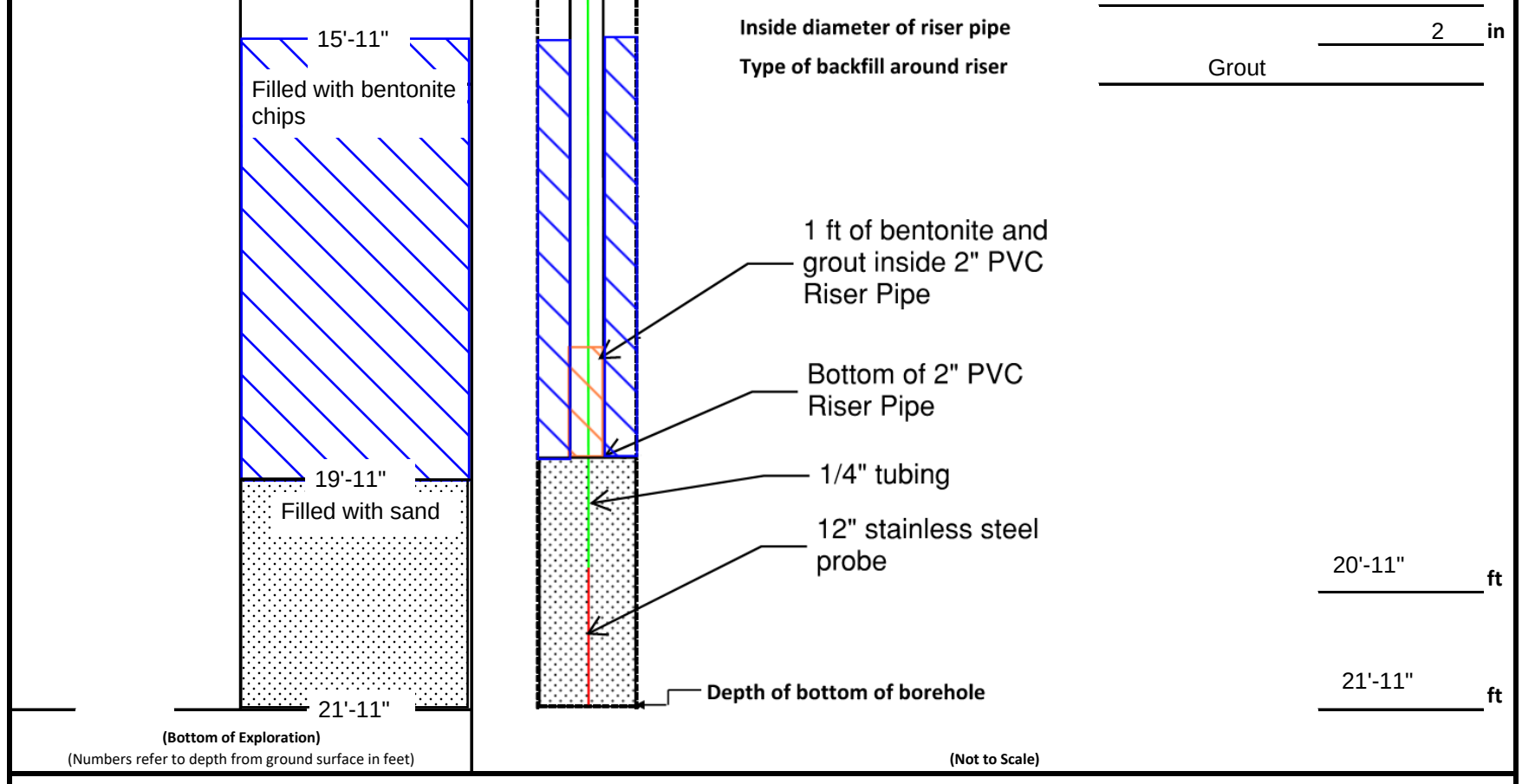
Well No. MP-3

Boring No.

PROJECT	860 Flushing Avenue Site	**H&A FILE NO.**	0211437
LOCATION	860 Flushing Avenue, Brooklyn, NY	**PROJECT MGR.**	L. McCartney
CLIENT	Flushing Holdings NY LLC	**FIELD REP.**	D. Freliech
CONTRACTOR	Lakewood Environmental Services	**DATE INSTALLED**	6/1/2026
DRILLER	Adam Huchinson	**WATER LEVEL**	

Ground El.		ft	**Location**	see map	**Drilling Equipment** Geoprobe 7822DT
El. Datum					

SOIL/ROCK CONDITIONS | **BOREHOLE BACKFILL**



Type of Seals	Top of Seal (ft)	Thickness (ft)
Grout	0'-0"	16
Bentonite	15'-11"	4
Sand	19'-11"	2

ft	+	ft	=	ft
Riser Pay Length		Length of Screen		Pay length

COMMENTS:

TEMPORARY WELL INSTALLATION REPORT

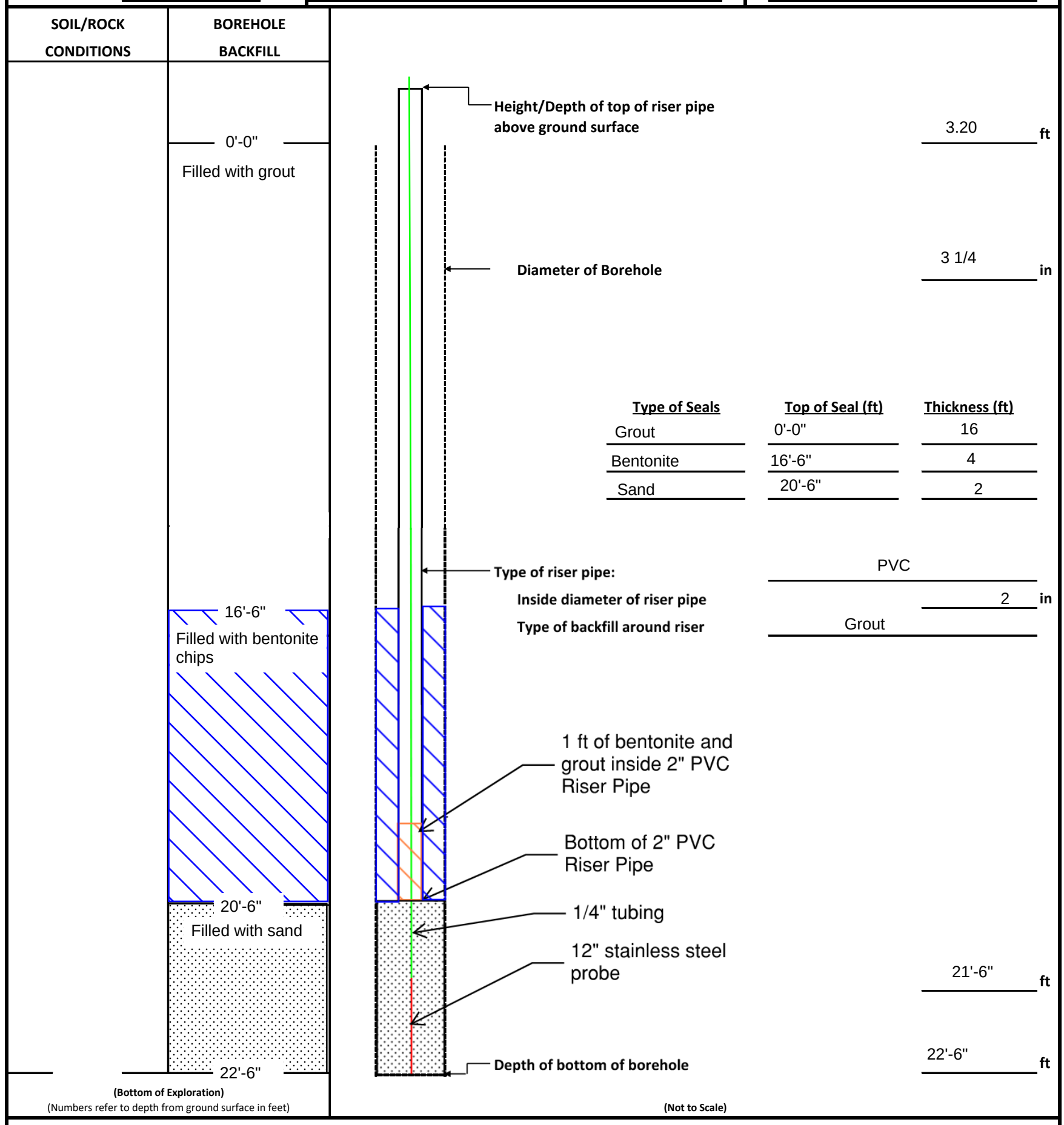
Well No. MP-4

Boring No.

PROJECT	860 Flushing Avenue Site	**H&A FILE NO.**	0211437
LOCATION	860 Flushing Avenue, Brooklyn, NY	**PROJECT MGR.**	L. McCartney
CLIENT	Flushing Holdings NY LLC	**FIELD REP.**	T. Ritchie
CONTRACTOR	Lakewood Environmental Services	**DATE INSTALLED**	6/4/2026
DRILLER	Adam Huchinson	**WATER LEVEL**	

Ground El.	ft	**Location**	see map	**Drilling Equipment**	Geoprobe 7822DT
El. Datum					

SOIL/ROCK CONDITIONS | **BOREHOLE BACKFILL**



Type of Seals	Top of Seal (ft)	Thickness (ft)
Grout	0'-0"	16
Bentonite	16'-6"	4
Sand	20'-6"	2

ft	+	ft	=	ft
Riser Pay Length		Length of Screen		Pay length

COMMENTS:

TEMPORARY WELL INSTALLATION REPORT

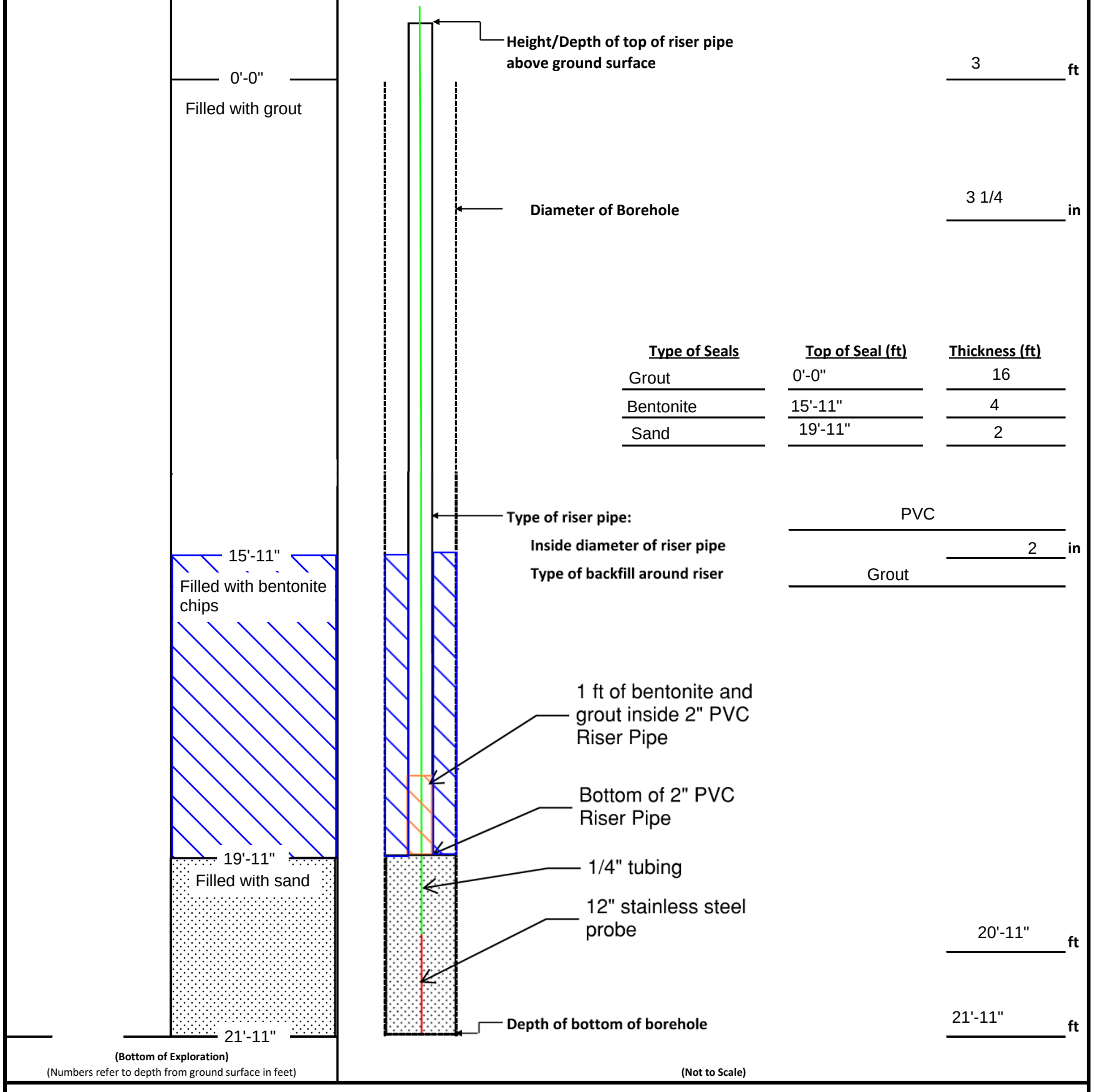
Well No. MP-5

Boring No.

PROJECT	860 Flushing Avenue Site	**H&A FILE NO.**	0211437
LOCATION	860 Flushing Avenue, Brooklyn, NY	**PROJECT MGR.**	L. McCartney
CLIENT	Flushing Holdings NY LLC	**FIELD REP.**	D. Freliech
CONTRACTOR	Lakewood Environmental Services	**DATE INSTALLED**	6/2/2026
DRILLER	Adam Huchinson	**WATER LEVEL**	

Ground El.	ft	**Location**	see map	**Drilling Equipment**	Geoprobe 7822DT
El. Datum					

SOIL/ROCK CONDITIONS | **BOREHOLE BACKFILL**



Type of Seals	Top of Seal (ft)	Thickness (ft)
Grout	0'-0"	16
Bentonite	15'-11"	4
Sand	19'-11"	2

ft	+	ft	=	ft
Riser Pay Length		Length of Screen		Pay length

COMMENTS:

TEMPORARY WELL INSTALLATION REPORT

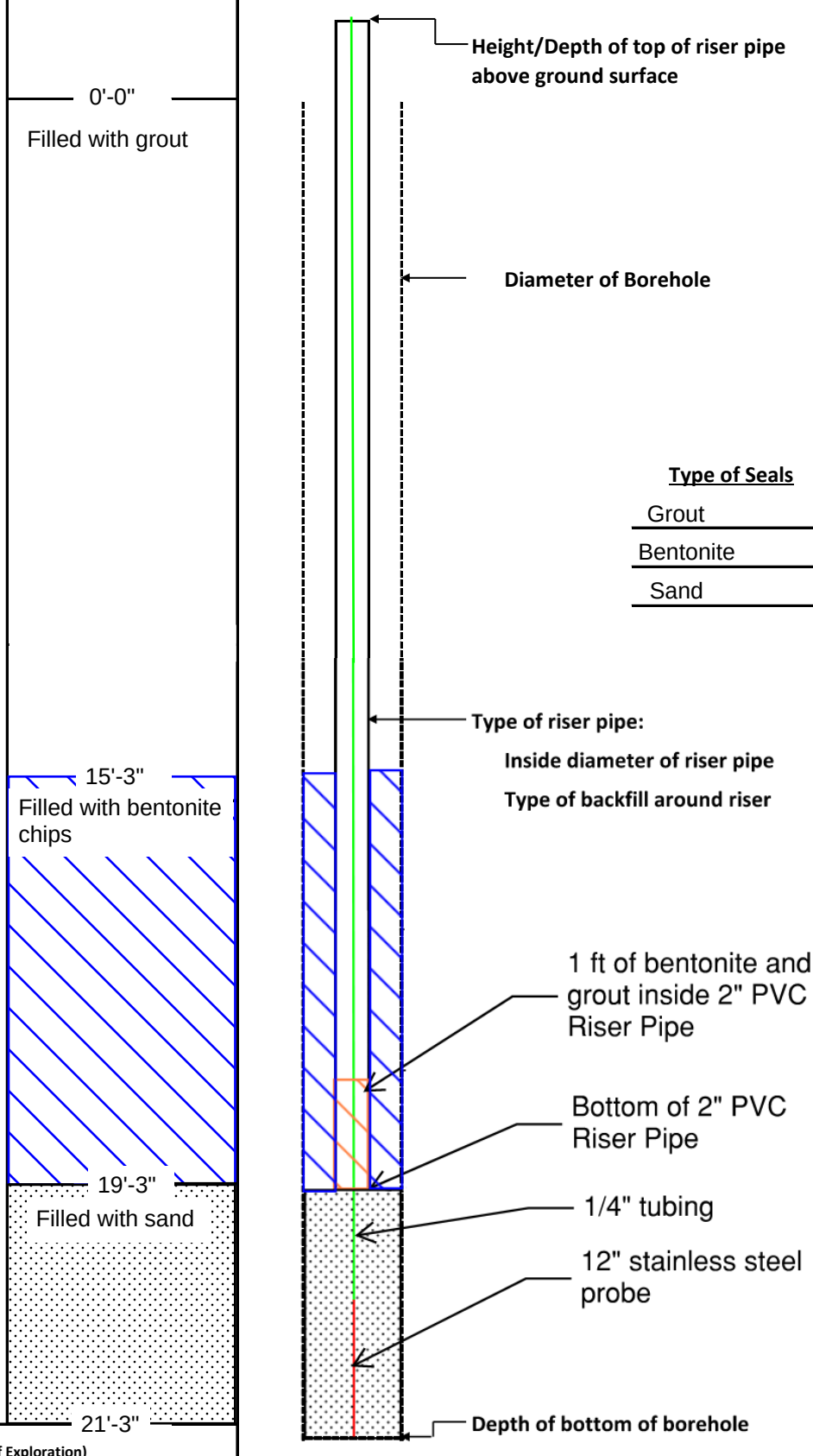
Well No. MP-6

Boring No.

PROJECT	860 Flushing Avenue Site	**H&A FILE NO.**	0211437
LOCATION	860 Flushing Avenue, Brooklyn, NY	**PROJECT MGR.**	L. McCartney
CLIENT	Flushing Holdings NY LLC	**FIELD REP.**	D. Freliech
CONTRACTOR	Lakewood Environmental Services	**DATE INSTALLED**	6/2/2026
DRILLER	Adam Huchinson	**WATER LEVEL**	

Ground El.	ft	**Location**	see map	**Drilling Equipment**	Geoprobe 7822DT
El. Datum					

SOIL/ROCK CONDITIONS | **BOREHOLE BACKFILL**



Height/Depth of top of riser pipe above ground surface	3.80 ft
Diameter of Borehole	3 1/4 in

Type of Seals	Top of Seal (ft)	Thickness (ft)
Grout	0'-0"	15
Bentonite	15'-3"	4
Sand	19'-3"	2

Type of riser pipe:	PVC
Inside diameter of riser pipe	2 in
Type of backfill around riser	Grout
	20'-3" ft
	21'-3" ft

ft	+	ft	=	ft
Riser Pay Length		Length of Screen		Pay length

COMMENTS:

TEMPORARY WELL INSTALLATION REPORT

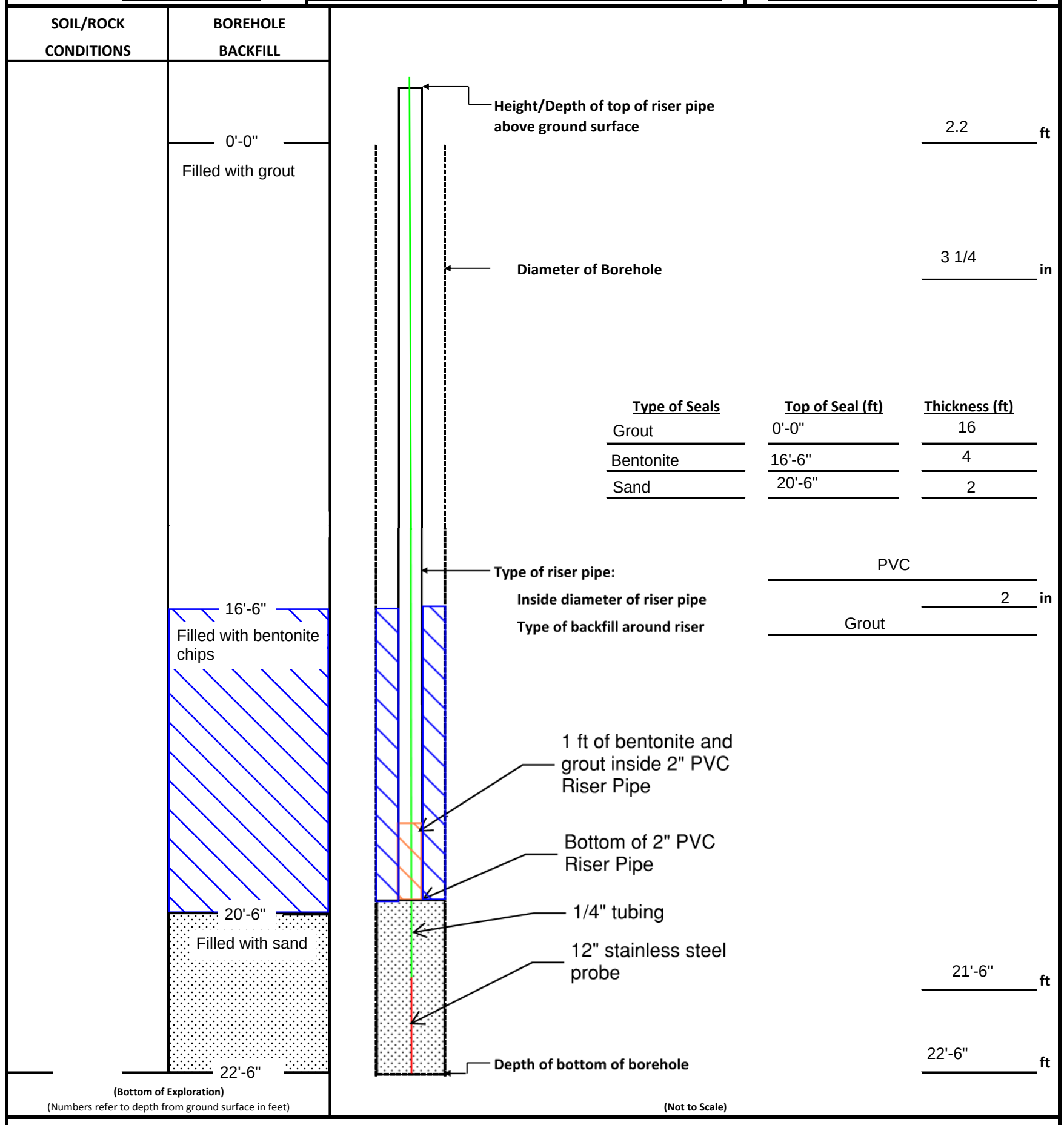
Well No. MP-7

Boring No.

PROJECT	860 Flushing Avenue Site	**H&A FILE NO.**	0211437
LOCATION	860 Flushing Avenue, Brooklyn, NY	**PROJECT MGR.**	L. McCartney
CLIENT	Flushing Holdings NY LLC	**FIELD REP.**	D. Freliech
CONTRACTOR	Lakewood Environmental Services	**DATE INSTALLED**	6/2/2026
DRILLER	Adam Huchinson	**WATER LEVEL**	

Ground El.	ft	**Location**	see map	**Drilling Equipment**	Geoprobe 7822DT
El. Datum					

SOIL/ROCK CONDITIONS | **BOREHOLE BACKFILL**



Height/Depth of top of riser pipe above ground surface	2.2 ft
Diameter of Borehole	3 1/4 in

Type of Seals	Top of Seal (ft)	Thickness (ft)
Grout	0'-0"	16
Bentonite	16'-6"	4
Sand	20'-6"	2

Type of riser pipe:	PVC
Inside diameter of riser pipe	2 in
Type of backfill around riser	Grout

Riser Pay Length	ft
+ Length of Screen	ft
= Pay length	ft
	21'-6" ft
	22'-6" ft

COMMENTS:

TEMPORARY WELL INSTALLATION REPORT

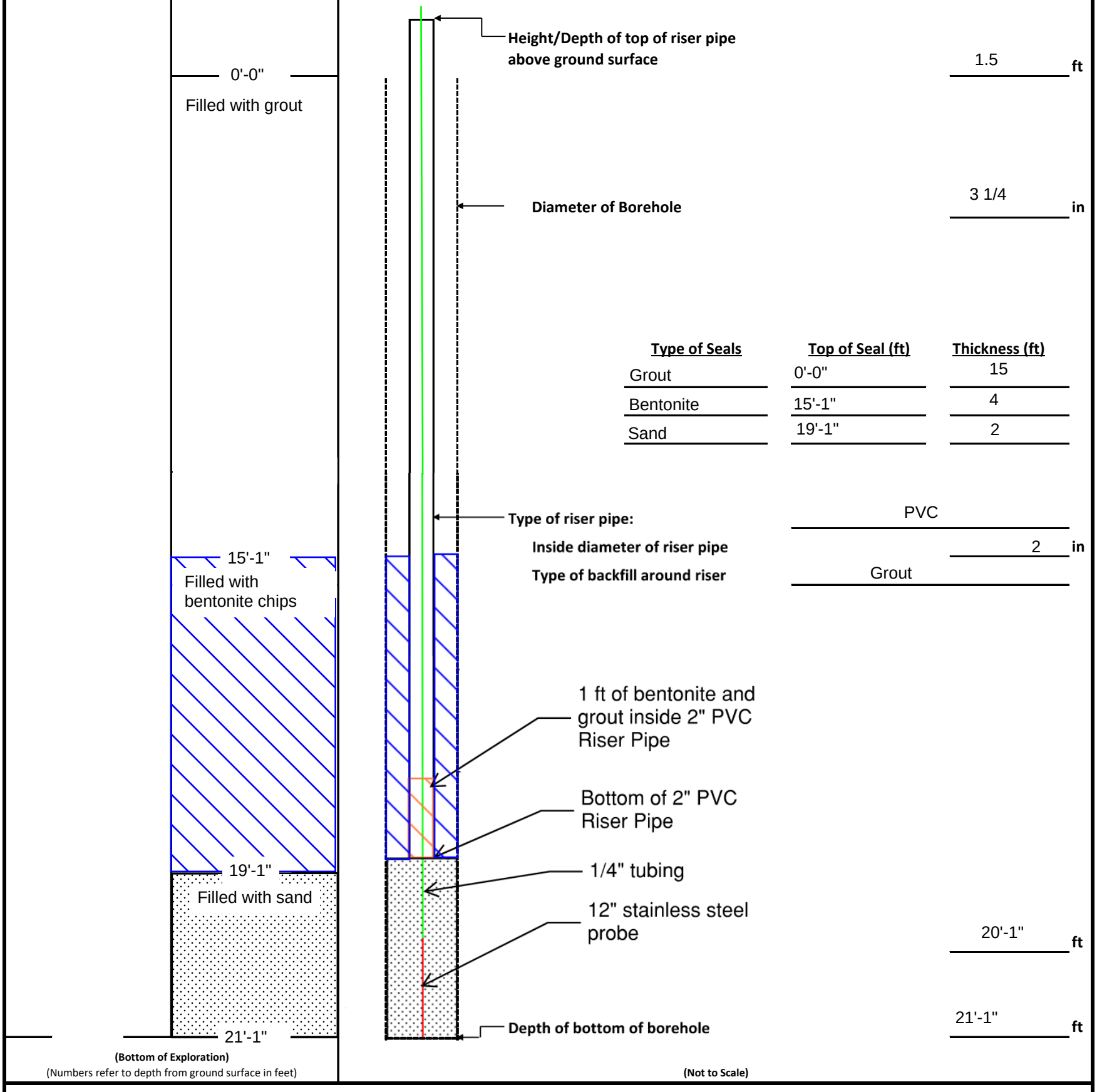
Well No. MP-8

Boring No.

PROJECT	860 Flushing Avenue Site	**H&A FILE NO.**	0211437
LOCATION	860 Flushing Avenue, Brooklyn, NY	**PROJECT MGR.**	L. McCartney
CLIENT	Flushing Holdings NY LLC	**FIELD REP.**	D. Freliech
CONTRACTOR	Lakewood Environmental Services	**DATE INSTALLED**	6/2/2026
DRILLER	Adam Huchinson	**WATER LEVEL**	

Ground El.	ft	**Location**	see map	**Drilling Equipment**	Geoprobe 7822DT
El. Datum					

SOIL/ROCK CONDITIONS | **BOREHOLE BACKFILL**



ft	+	ft	=	ft
Riser Pay Length		Length of Screen		Pay length

COMMENTS:

TEMPORARY WELL INSTALLATION REPORT

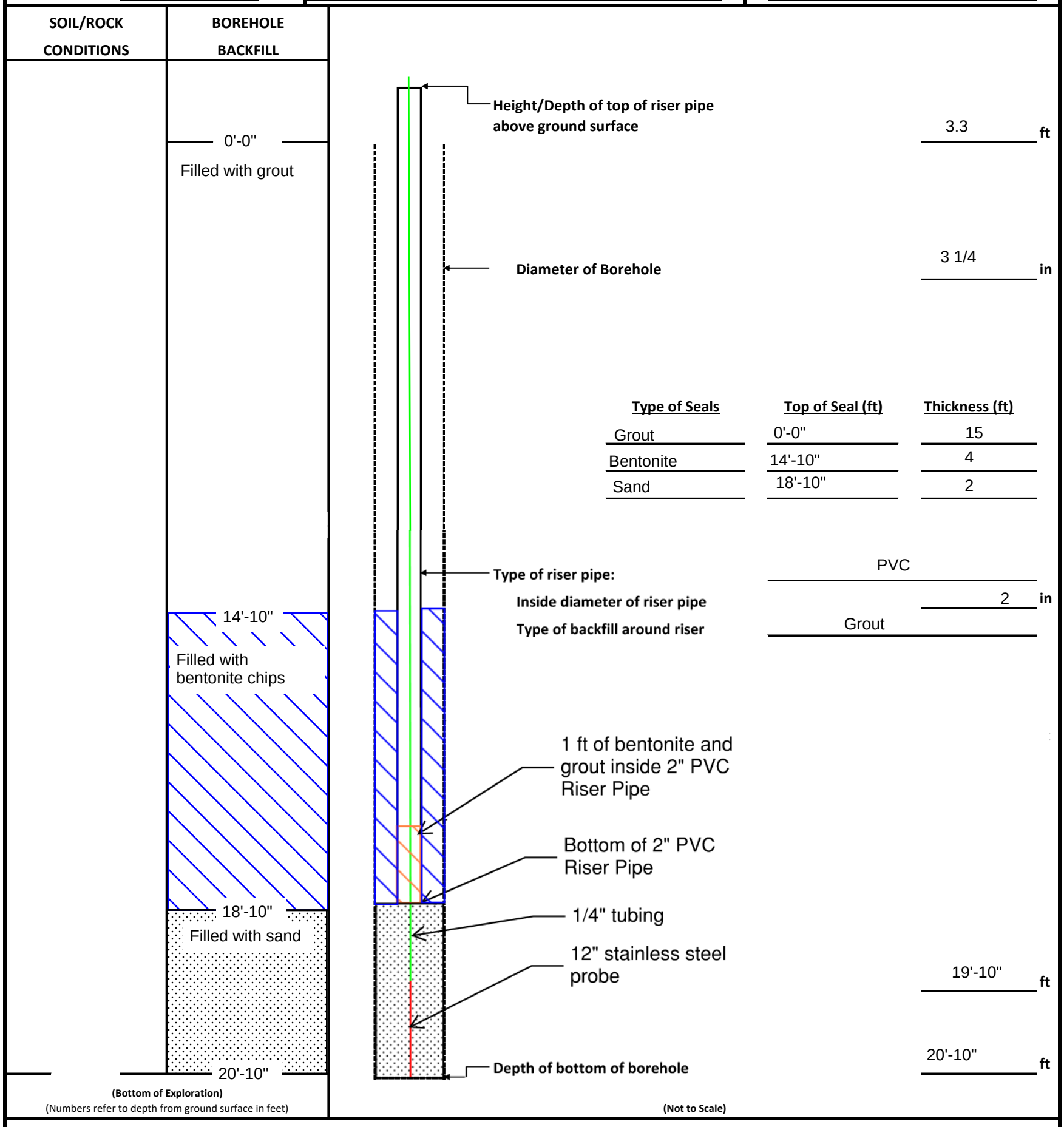
Well No. MP-9

Boring No.

PROJECT	860 Flushing Avenue Site	**H&A FILE NO.**	0211437
LOCATION	860 Flushing Avenue, Brooklyn, NY	**PROJECT MGR.**	L. McCartney
CLIENT	Flushing Holdings NY LLC	**FIELD REP.**	D. Freliech
CONTRACTOR	Lakewood Environmental Services	**DATE INSTALLED**	6/2/2026
DRILLER	Adam Huchinson	**WATER LEVEL**	

Ground El.		ft	**Location**	see map	**Drilling Equipment** Geoprobe 7822DT
El. Datum					

SOIL/ROCK CONDITIONS | **BOREHOLE BACKFILL**



Height/Depth of top of riser pipe above ground surface	3.3 ft
Diameter of Borehole	3 1/4 in

Type of Seals	Top of Seal (ft)	Thickness (ft)
Grout	0'-0"	15
Bentonite	14'-10"	4
Sand	18'-10"	2

Type of riser pipe:	PVC
Inside diameter of riser pipe	2 in
Type of backfill around riser	Grout

Depth of bottom of borehole	19'-10" ft
	20'-10" ft

ft	+	ft	=	ft
Riser Pay Length		Length of Screen		Pay length

COMMENTS:

ATTACHMENT C
June 4 to 5, 2026, Equipment Specifications

SERIES 477AV | HANDHELD DIGITAL MANOMETER





BENEFITS/FEATURES

- **Calculates and displays air velocity and volumetric air flow**
- **Rugged aluminum case protects instrument from damage during transport/use**
- **9 selectable English and metric engineering units**
- **Large, easy to read display with backlight for use in dark areas**
- **Stores up to 40 readings with minimum, maximum, and average statistics**
- **Convenient all-in-one air velocity kit option available**

APPLICATIONS

- Air flow monitoring, when used with a Dwyer® pitot tube
- Duct static pressure
- Commercial air balancing
- Building-zone pressure

DESCRIPTION

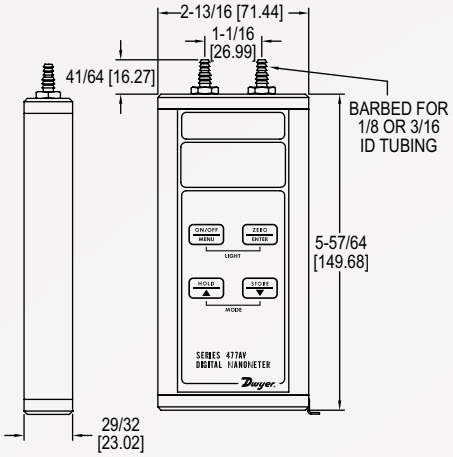
The **Series 477AV Handheld Digital Manometer** is now available with pressure, flow, and velocity measurements along with a number of other convenient features. The built-in air velocity and flow calculations provide accuracy and conserve time and error associated with manual calculations. Also featured on this unit are adjustable zero and span values for calibrating in the field as well as a damping feature to compensate for the fluctuating of readings.

Air velocity kits include: Series 477AV handheld digital manometer, Model 166T 36″ telescoping pitot tube, (2) A-303 static pressure tips, (2) 4-1/2′ lengths 3/16″ ID rubber tubing, A-397 step drill for 3/16″ to 1/2″ holes, A-532 AV slide chart, and fitted polyethylene case.

SPECIFICATIONS

Service	Air and compatible gases.
Wetted Materials	Consult factory.
Accuracy	±0.5% FS from 60 to 78°F (15.6 to 25.6°C); ±1.5% FS from 32 to 60°F and 78 to 104°F (0 to 15.6°C and 25.6 to 40°C).
Pressure Hysteresis	±0.1% FS.
Pressure Limits	See chart on page 2.
Temperature Limits	0 to 140°F (-17.8 to 60°C).
Compensated Temperature Limits	32 to 104°F (0 to 40°C).
Storage Temperature Limits	-4 to 176°F (-20 to 80°C).
Display	0.42″ (10.6 mm) 4 digit LCD.
Resolution	See chart on page 2.
Units of Pressure	in w.c., ft w.c., in Hg, psi, oz/in^2, mm w.c., cm w.c., mm Hg, mbar, Pa, kPa, hPa.
Units of Velocity	fpm, fps, mph, m/h, m/s, k/h, knot.
Units of Flow	cfm, m^3/h, m^3/s.
Power Requirements	9 V alkaline battery, installed non-functional, user replaceable.
Weight	10.2 oz (289 g).
Process Connections	Two barbed connections for use with 1/8″ (3.18 mm) or 3/16″ (4.76 mm) ID tubing; Two compression fittings for use with 1/8″ (3.18 mm) ID x 1/4″ (6.35 mm) OD tubing for 477AV-7, -8 only.
Agency Approvals	CE.

DIMENSIONS



MAXIMUM PRESSURE / RESOLUTION

Pressure Range	Max Pressure	Resolution
0 to 1 in w.c.	5 psig	0.001
0 to 4 in w.c.	5 psig	0.001
0 to 10 in w.c.	5 psig	0.01
0 to 20 in w.c.	10 psig	0.01
0 to 40 in w.c.	10 psig	0.01
0 to 200 in w.c.	30 psig	0.1
0 to 10 psi	30 psig	0.01
0 to 20 psi	60 psig	0.01
0 to 30 psi	60 psig	0.01
0 to 100 psi	150 psig	0.1
0 to 150 psi	200 psig	0.1

HOW TO ORDER

Use the **bold** characters from the chart below to construct a product code.

MANOMETER

477AV **-4** **-NIST**

SERIES
477AV: Handheld digital manometer

RANGE
-000: 1 in w.c. (0.25 kPa)
-00: 4 in w.c. (1 kPa)
-0: 10 in w.c. (2.5 kPa)
-1: 20 in w.c. (5 kPa)
-2: 40 in w.c. (10 kPa)
-3: 200 in w.c. (50 kPa)
-4: 10 psi (70 kPa)
-5: 20 psi (140 kPa)
-6: 30 psi (200 kPa)
-7: 100 psi (700 kPa)
-8: 150 psi (1000 kPa)

OPTIONS
-COC: Certificate of calibration
-FC: Factory calibration
-NIST: NIST traceable calibration certificate

AIR VELOCITY KIT

477 **-0T** **-AV**

SERIES
477: Handheld digital manometer

RANGE
-000T: 1 in w.c. (0.25 kPa)
-00T: 4 in w.c. (1 kPa)
-0T: 10 in w.c. (2.5 kPa)
-1T: 20 in w.c. (5 kPa)

OPTIONS
-AV: Air velocity kit

ACCESSORIES

Model	Description
A-47X-BOOT	Protective magnetic rubber boot
A-402A	Carrying case; tough gray nylon pouch protects any Series 477AV Manometer; double zippered for quick and easy access, with a belt loop that snaps closed; 7-1/2″H x 3″W x 2-1/4″D (191 x 76 x 57 mm)

ORDER ONLINE TODAY!

dwyer-inst.com/Product/Series477AV

DWYER INSTRUMENTS, INC.

©Copyright 2021 Dwyer Instruments, Inc.
Printed in U.S.A. 6/21

DS-477AV Rev. 1

Important Notice: Dwyer Instruments, Inc. reserves the right to make changes to or discontinue any product or service identified in this publication without notice. Dwyer advises its customers to obtain the latest version of the relevant information to verify, before placing any orders, that the information being relied upon is current.

Septic Solutions Inc.®
314 CENTER STREET
DIETERICH, IL 62424

REGENERATIVE BLOWERS - **PRESSURE**

SCL K03 / K04 / K05 / K06

MS SERIES - MOR RANGE

SN 1874-8 1/2

TECHNICAL CHARACTERISTICS

- Aluminium alloy construction
- Smooth operation
- High efficiency impeller
- Maintenance free
- Mountable in any position
- Recognized TEFC - **cURus** motor

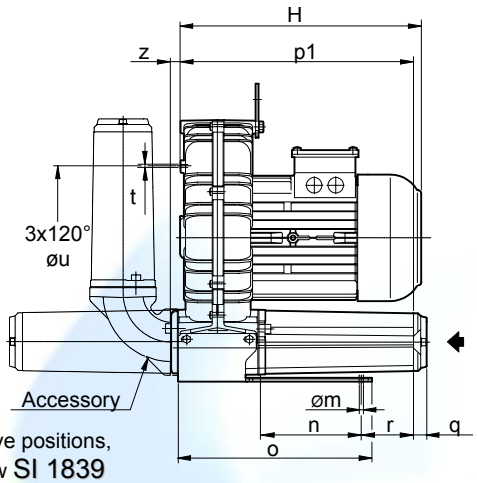
OPTIONS

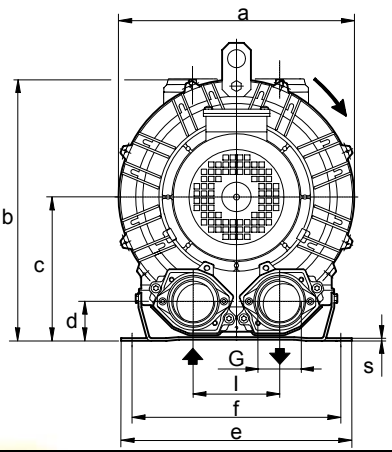
- Special voltages (IEC 38)
- Surface treatments

ACCESSORIES

- Inlet and/or inline filters
- Additional inlet/outlet silencers
- Safety valves
- Flow converting device
- Optional connectors

Dimensions in inches.
Dimension for reference only.





Possible alternative positions, please refer to drw SI 1839

Model	a	b	c	d	e	f	G	l	m	n	o	p1	q	r	s	t	u	z
K03-MS	**9.49**	**10.55**	**5.79**	**1.69**	**9.06**	**8.07**	**1"1/4 NPT**	**3.39**	**0.39**	**3.27**	**5.59**	**8.07**	**0.71**	**2.95**	**0.16**	**M6**	**5.51**	**0.47**
K04-MS	**11.22**	**12.40**	**6.77**	**1.93**	**10.04**	**8.86**	**1"1/2 NPT**	**4.02**	**0.47**	**3.74**	**6.73**	**8.74**	**0.71**	**2.76**	**0.16**	**M6**	**6.89**	**0.71**
K05-MS	**12.87**	**14.37**	**7.87**	**2.13**	**12.60**	**10.24**	**2" NPT**	**4.72**	**0.59**	**4.53**	**10.43**	**12.60**	**0.71**	**3.86**	**0.16**	**M8**	**7.87**	**0.75**
K06-MS	**14.80**	**15.47**	**8.07**	**2.13**	**12.80**	**11.42**	**2" NPT**	**4.92**	**0.59**	**5.51**	**10.71**	**13.15**	**0.71**	**3.35**	**0.16**	**M8**	**9.45**	**0.75**

Model	Maximum flow Scfm		Installed power Hp		Maximum differential pressure △p (In WG)		Noise level Lp dB (A) (1)		Overall dimensions H	Weight
	60 Hz 3500 rpm	*50 Hz 2900 rpm*	60 Hz 3500 rpm	*50 Hz 2900 rpm*	60 Hz 3500 rpm	*50 Hz 2900 rpm*	60 Hz 3500 rpm	*50 Hz 2900 rpm*	Inches	Lbs
K03-MS	**52**	***43***	**3/4**	***3/4***	**64**	***60***	**62.0**	***60.0***	**10.43**	**24.30**
			1	***1***	**95**	***77***	**62.3**	***60.3***	**11.97**	**26.50**
K04-MS	**98**	***81***	**1 ½**	***1 ½***	**58**	***80***	**64.8**	***62.8***	**11.65**	**36.40**
			2	***2***	**85**	***100***	**65.0**	***63.0***	**13.78**	**43.00**
			3	**-**	**120**	**-**	**65.2**	**-**	**13.78**	**49.60**
K05-MS	**156**	***129***	**2**	***2***	**52**	***70***	**70.5**	***68.5***	**13.20**	**51.80**
			3	***3***	**90**	***110***	**70.8**	***68.8***	**13.20**	**58.40**
			4	***4***	**128**	***120***	**71.1**	***69.1***	**14.40**	**67.20**
K06-MS	**216**	***179***	**3**	***3***	**50**	***65***	**73.0**	***71.0***	**13.54**	**68.70**
			4	***4***	**75**	***95***	**73.3**	***71.3***	**14.17**	**71.65**
			5 ½	***5 ½***	**110**	***140***	**73.6**	***71.6***	**14.17**	**77.60**
			6 1/5 (2)	**-**	**132**	**-**	**73.9**	**-**	**14.45**	**77.60**

(1) Noise measured at 1 m distance with inlet and outlet ports piped, in accordance to ISO 3744.
(2) No cURus motor

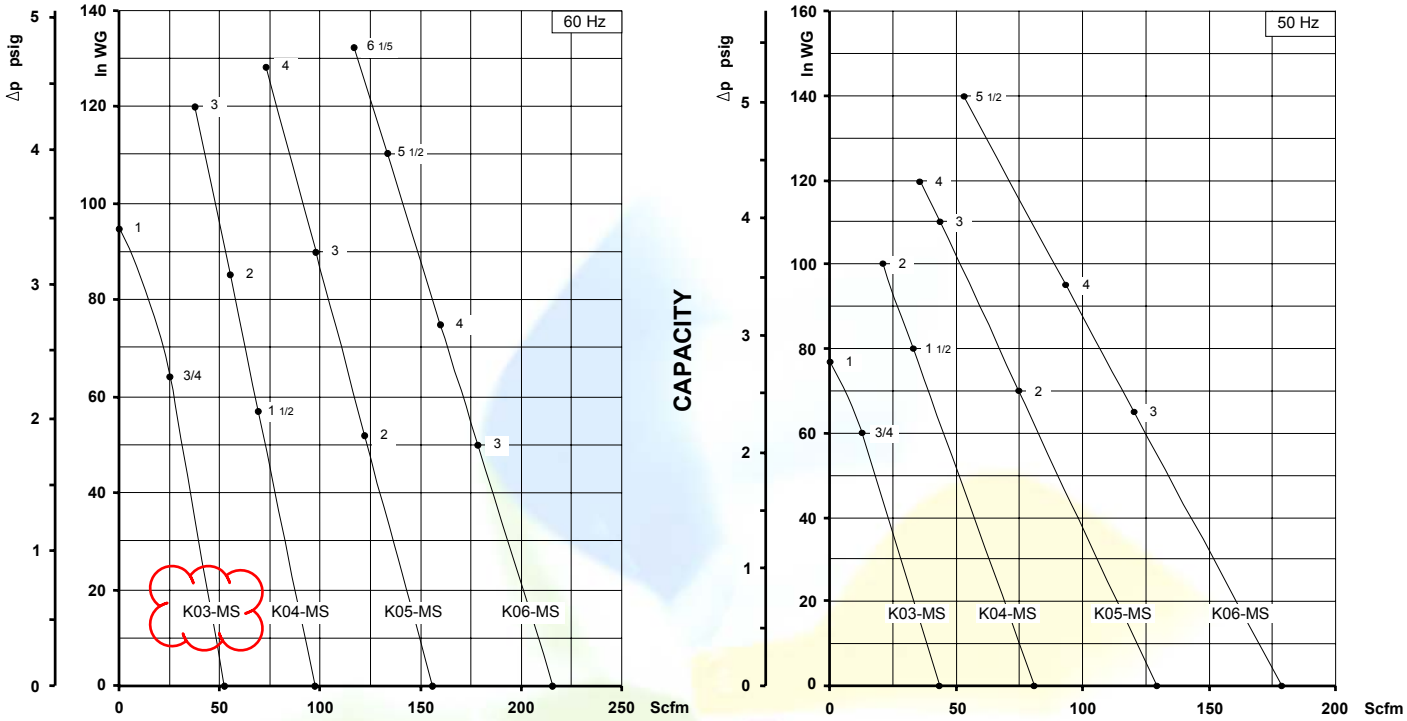
- For proper use, the blower should be equipped with inlet filter and safety valve; other accessories available on request.
- Ambient temperature from +5° to +104°F.
- Specifications subject to change without notice.

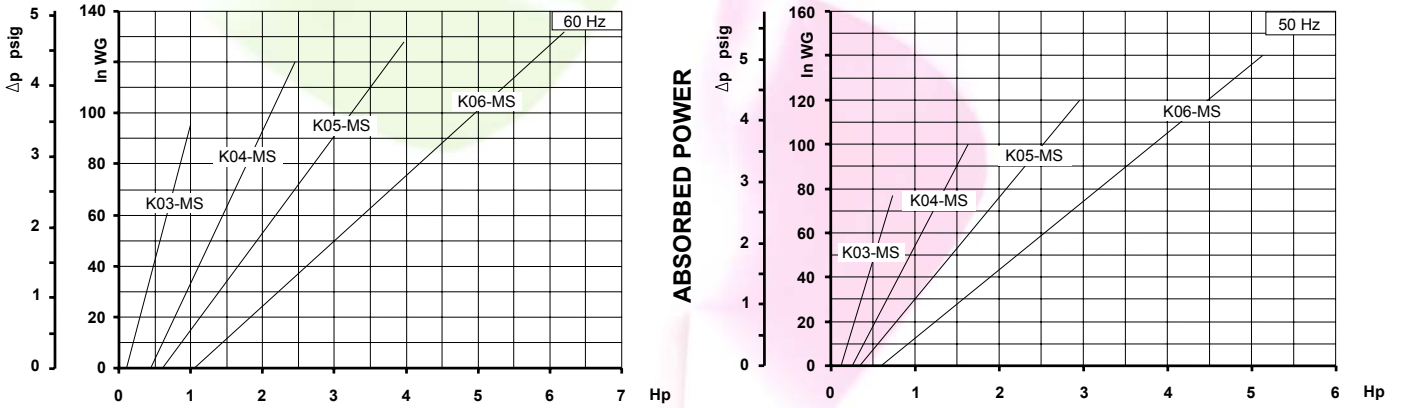
REGENERATIVE BLOWERS - **PRESSURE**

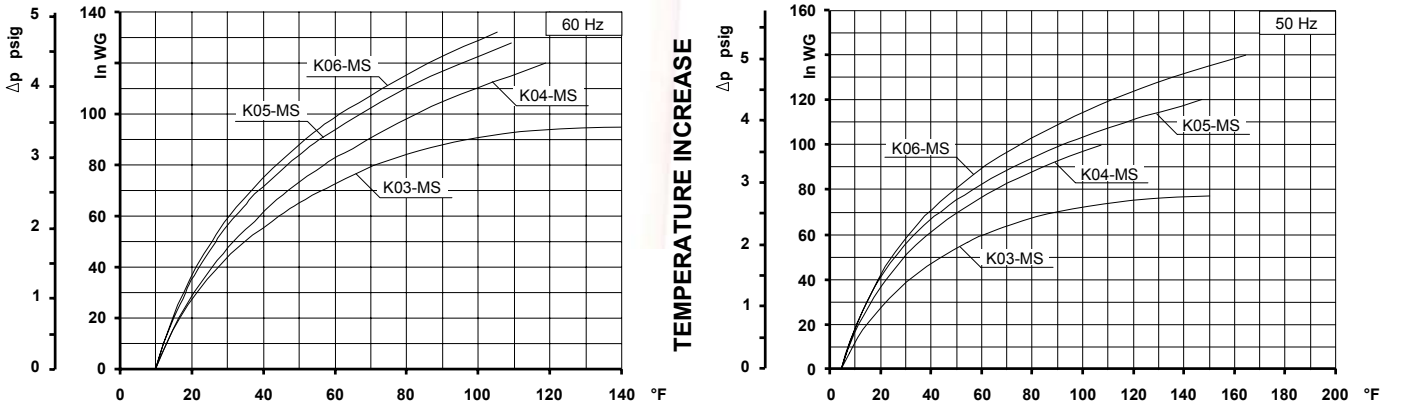
SCL K03 / K04 / K05 / K06

MS SERIES - MOR RANGE

SN 1874-8 2/2







Curves refer to air at 68°F temperature and 29.92 In Hg atmospheric pressure (abs) measured at inlet port.
Values for flow, power consumption and temperature rise: +/-10% tolerance.
Data subject to change without notice.

ATTACHMENT D
Geotechnical Report

REVISED GEOTECHNICAL REPORT

860 FLUSHING AVENUE, BROOKLYN, N.Y

PREPARED FOR

B MANAGEMENT

PREPARED BY
BIG APPLE GROUP
100-03 94th AVENUE
OZONE PARK, QUEENS, NY 11416

3rd May 2025
Rev.: 25th September 2025

3rd May 2025
Rev.: 25th September 2025

Mr. Jack Klein
Owner
B Management
199 Lee Avenue, Suite #471
Brooklyn, NY 11211

Re: Revised Geotechnical Report: 860 Flushing Avenue, Brooklyn, N.Y

Dear Mr. Klein,

On the 24th through 30th of April 2025, Big Apple Group completed a sub-surface geotechnical investigation program consisting of four (4) soil borings (B-1, B-2, B-3, & B-4) at the above referenced site. Summarized herein are the results of our subsurface investigation, geotechnical report and foundation recommendation based on the subsurface investigation mentioned above. We have revised this report to include the results of the recently completed test pit inspection reports at Appendix 2. Please note that for ease of review of this Revised Geotechnical Report, new text is underlined by dashed line and "deleted" text is overstruck.

Site design, and structural design aspects of the project will be performed by qualified others. The design of excavation includes the design of any earth support system; the design of the spread, mat or pile foundations will also be done by others.

If you have any questions, please do not hesitate to call.

Yours sincerely,



.....
Soorjbally Harilall, P.E.

1.0 GENERAL

This report provides preliminary geotechnical and foundation recommendations for the design and construction of a proposed 8-story mixed-use residential building (60 Units) at 860 Flushing Avenue, Brooklyn, NY. The site is located on the south-west corner of Bushwick Avenue and Flushing Avenue as shown in Appendix 1 (Dwg. # 13494). The site is identified as Block 3138 and Lot 32 with a total lot area of about 10,536 ft^2. The project site is currently occupied by a Garage/Gas Station structure, which would be demolished to facilitate the construction of the planned 8-story mix-use residential building at the site. The proposed development is within a well-developed area with a 2-story & lower level brick/stucco building (House # 858 Flushing Avenue) abutting the west property line of the site of the proposed development (860 Flushing Avenue, Brooklyn). Bordering the south property line of 860 flushing Avenue is a 5-story & lower level brick building (House # 464 Bushwick Avenue). The methods of developing the site must consider the results of the geotechnical investigation, stability of the neighboring building, the method of excavation and earth retention system to allow for the construction of any planned foundation walls, footings, and elevator pit at the site of 860 Flushing Avenue, Bronx.

Based on the current development plans provided by the Client, the proposed development will consist of eight (8) levels of above-grade construction underlain by cellar level. The cellar will extend to all surrounding property lines. The cellar level will be utilized for commercial space, water/sewer room and electro-mechanical rooms, storage. According to the preliminary architecture drawings provided by the client, the top of the cellar slab is indicated to be at about 10 ft. (el. 23.8′ ± NAVD88) below curb level. It is anticipated that the excavation will extend to depths of about 13 ft. (el.20.8' ± NAVD88) below the adjacent curb level to facilitate foundation wall/footing construction. Excavation in the elevator pit will be about 5 ft. deeper.

According to DOB NOW, the site of the proposed development is located in an area that is not affected by special flood hazard**.**

2.0 SCOPE OF WORK

This report analyzes the available subsurface information to determine the properties and characteristics of subsurface materials and evaluates this information for the purpose of establishing geotechnical design criteria. Specifically, conclusions and recommendations are presented regarding the following:

a. Soil bearing capacity.

b. Lateral earth pressure for design of foundation wall below grade, including backfill.

c. Groundwater condition

d. Excavation & Underpinning

e. Suitable foundation types

f. Seismic site coefficient.

g. Fill placement & compaction requirement.

3.0 SUBSURFACE INVESTIGATION

A subsurface investigation program consisting of four (4) soil borings were performed at the project site between the 24h and the 30th of April 2025 by Big Apple Group located at 100-03 94th Avenue, Ozone Park, NY 11416. The locations of the test boring and log are shown in Appendix 1 (Dwg. # 13494 & TR-4 Reports). The boring information shown on the logs includes sample depth, blow counts per interval of 6" and the Unified Soil Classification symbols for the soil samples. The soil classification was performed in accordance with the New York City (NYC) Building Code 2022. The soil classification is recorded with soil resistance values and other field data on the boring logs. The soil borings B-1, B-2, & B-3 were drilled up to a depth of 51 ft. below curb level. The soil borings B-4 was advanced to a termination depth of 101 ft. below curb level. All of the soil borings were done within the footprint of the development proposed for the site.

Soil samples were obtained in accordance with the American Society for Testing and Materials (ASTM) Standard Specification D 1586- Standard Penetration Test (SPT). All of the soil borings were performed utilizing a truck mounted drill rig (CME 55) equipped with an "automatic" 140 pound hammer freely falling a distance of 30 inches. Soil samples were obtained continuously from the existing ground surface to 12 ft. depth and every 5ft. intervals to the termination depth of the boring.

Boring B-1 indicates uncontrolled fill material up to 4 ft. depth below curb level, from 4 ft. to 6 ft. depth is clayey sand, from 6 ft. depth to 10 ft. depth below curb level is clayey sand trace cobbles, from 10 ft. to 22 ft. depth is clayey sand some cobbles, from 22 ft. depth to 32 ft. depth below curb level is silty sand trace cobbles, from 32 ft. depth to 47 ft. depth below curb level is medium fine sand trace cobbles, and from 47 ft. depth to 51 ft. depth below curb level is medium fine sand.

Boring B-2 indicates uncontrolled fill material up to 4 ft. depth below curb level, from 4 ft. to 6 ft. depth is clay, from 6 ft. depth to 8 ft. depth below curb level is sandy clay, from 8 ft. to 22 ft. depth is clayey sand trace cobbles, from 22 ft. depth to 27 ft. depth below curb level is silty sand trace cobbles, from 27 ft. depth to 32 ft. depth below curb level is medium fine sand trace cobbles, from 32 ft. depth to 37 ft. depth below curb level is medium fine sand, and from 37 ft. depth to 51 ft. depth below curb level is medium fine sand trace cobbles.

Boring B-3 indicates uncontrolled fill material up to 13 ft. depth below curb level, from 13 ft. to 27 ft. depth is sandy clay trace cobbles, from 27 ft. depth to 32 ft. depth below curb level is silty sand, from 32 ft. to 37 ft. depth is medium fine sand trace cobbles, from 37 ft. depth to 42 ft. depth below curb level is medium fine sand, from 427 ft. depth to 47 ft. depth below curb level is medium fine sand trace cobbles, and from 47 ft. depth to 51 ft. depth below curb level is fine sand.

Boring B-4 indicates uncontrolled fill material up to 21 ft. depth below curb level, from 21 ft. depth to 57 ft. depth is medium fine sand, from 57 ft. depth to 67 ft. depth below curb level is fine sand, from 67 ft. to 82 ft. depth is medium fine sand, and from 82 ft. depth to 101 ft. depth below curb level is fine sand.

4.0 GROUNDWATER CONDITION

Observation for ground water was made during boring advancement and immediately after boring termination. The groundwater level was encountered at a depth of 35 ft. below curb level during the drilling of the four (4) soil borings at the site.

5.0 SOIL BEARING CAPACITY

Soil bearing capacity varies. These bearing values are in accordance with the NYC Building 2022 and are based on the sample classifications and assigned soil class indicated on the soil boring report at Appendix 1 (Dwg. # 13494). There are 5 distinguished layers of soil.

1. Uncontrolled Fill (Class 7): Thickness of this layer is 4 ft. depth below curb level at soil borings B-1 & B-2, 13 ft. at B-3, and 21 ft. at B-4. We do not recommend the placement of the footing on Class 7 soils.

2. Clay (Class 4b): Thickness of this layer is 2 ft. at soil boring B-2 (from 4 ft. depth to 6 ft. depth below curb level). This layer has a maximum allowable bearing capacity of 3 tons per square foot.

3. Medium fine sand trace cobbles (Class 3b): Thickness of this layer is 10 ft. for soil boring B-1 (from depth 37 ft. to 47 ft. depth below curb level), and 34 ft. at soil boring B-4 (from 23 ft. depth to 37 ft. depth below curb level, from 42 ft. depth to 52 ft. depth below curb level, and from 57 ft. depth to 67 ft. depth below curb level). This stratum has a bearing capacity of 3 tons per square foot as per NYC Building Code 2022.

4. Clay (Class 4a): Thickness of this layer is 2 ft. at soil boring B-2 (from 6 ft. depth to 8 ft. below curb level), and 14 ft. at B-3 (from depth 13 ft. to 27 ft. depth below curb level). This layer has a maximum allowable bearing capacity of 5 tons per square foot.

5. Medium fine sand/silty sand/clayey sand trace/some cobbles (Class 3a): Thickness of this stratum of soil is 37 ft. at soil borings B-1 (from 4 ft. depth to 37 ft. depth below curb level, and from 47 ft. depth to 51 ft. depth below curb level), 43 ft. at soil boring B-2 (from depth 8 ft. to 51 ft. depth below curb level), 24 ft. at soil boring B-3 (from depth 27 ft. to 51 ft. depth below curb level), 44 ft. at soil boring B-4 (from 37 ft. depth to 42 ft. depth below curb level, from 52 ft. depth to 57 ft. depth below curb level, and from 67 ft. depth to 101 ft. depth below curb level). This stratum has a bearing capacity of 6 tons per square foot as per NYC Building Code 2022.

6.0 EXCAVATION AND TEMPORARY SHORING

We recommend that the excavation operation at this site is planned to take into consideration the results of the sub-surface geotechnical investigation, the proposed bearing elevation of the foundation system for the proposed development at 860 Flushing Avenue, Brooklyn, the proximity of the adjacent neighboring buildings (House # 858 Flushing Avenue & House # 464 Bushwick Avenue, Brooklyn), and utilities adjacent to the subject property.

For excavation, the Builder and Contractor should take all necessary steps to protect personnel, adjacent buildings, utilities or other such structure and sidewalks. All excavation should be performed so as not to adversely impact or cause loss of support to the adjacent buildings, sidewalks, streets, and utilities. Excavation should not extend below the footings of the neighboring buildings (House # 858 Flushing Avenue & House # 464 Bushwick Avenue) bordering the west and south property line of the site of the proposed development (860 Flushing Avenue, Brooklyn) unless professionally designed sheeting and bracing or underpinning is installed. The prism of soil supporting a foundation can be defined by a line or surface descending from the outer edge of the foundation at an inclination of 1.5:1 (H: V).

According to the preliminary architecture drawings provided by the client, the top of the cellar slab is indicated to be at about 10 ft. (el. 23.8′ ± NAVD88) below curb level. It is anticipated that the excavation will extend to depths of about 13 ft. (el.20.8' ± NAVD88) below the adjacent curb level to facilitate foundation wall/footing construction. Excavation in the elevator pit will be about 5 ft. deeper.

Based on information obtained from the Client, zero lot line construction will be utilized for the cellar construction. Sloped or benched excavation may not be applicable for the construction of the footing/foundation walls at this site due to the absence of any set-back distance from the property line. As such, a temporary earth-retention system will be needed to support the excavation along all sides of the site, so as to provide stability to adjacent structures, sidewalks, and to protect personnel working within the excavation. When the stability of the adjacent roadway, sidewalk, utilities, or other such structure is endangered by excavation operations, excavation support systems such as shoring, bracing, sheeting, secant wall, or sheet piling is necessary to prevent the sides of the excavation from caving in before permanent supports are provided. A secant wall is created by drilling a casing into the ground while using a slurry to stabilize the ground. After the casing reaches the required depth, the casing is withdrawn, and a core beam or reinforcing steel is inserted into the pile. Grout is then pumped into the bottom of the pile to displace the slurry. Subsequent piles are then drilled in an overlapping pattern to provide a watertight wall.

Due to the height of the proposed excavation, temporary excavation support likely will consist of soldier pile and timber lagging. Soldier pile and timber lagging is considered the most suitable method of temporary excavation support for the given soil conditions and anticipated depth of excavation. The excavation support systems should be designed with sufficiently rigid lateral bracing to resist the surcharge (i.e., construction equipment, vehicular traffic, etc.) loads, soil loads, and any temporary hydrostatic pressure without undergoing excessive deformations that can cause adverse impact to the neighboring/bordering structures, sidewalks, streets, and utilities. The sheeting and shoring system, if required, should be designed taking into consideration that the method of installation will not generate high vibration to have adverse effect on any adjacent buildings. Pre-drilling of the soldier pile should be assumed in order to limit vibrations on to any adjacent buildings and utilities within the radius of influence of the planned construction activities at the site.

Permission from the neighboring property owners will be required prior to installing excavation support or underpinning elements or lateral bracing elements beneath their property. We recommend Ownership discuss these requirements with the adjacent property owners as soon as possible and make them part of any necessary access agreements with the adjacent property owners as soon as possible. The neighboring buildings should be monitored during on-site excavation activities using vibration monitors, crack gauges and elevation & lateral position control points established at selected location to determine if the neighboring building/structures are being adversely impacted by the on-site work. The Contractor is responsible for maintaining safe excavation and/or shoring.

The design plans and details for the excavation support system should be prepared by a Professional Engineer and in accordance with the New York City (NYC) Building Code 2022, Section BC 3304. All excavation and earth support system should conform to pertinent OSHA and local safety regulations. Excavation and construction of the earth support system should be subject to special inspection in accordance with the NYC Building Code 2022.

7.0 UNDERPINNING

Underpinning will be required at locations where the foundations of the neighboring buildings (House # 858 Flushing Avenue & House # 464 Bushwick Avenue, Brooklyn) on the west and south lot lines are above the proposed excavation levels for the new footing/foundation walls construction at 860 Flushing Avenue, Brooklyn. The underpinning of the neighboring buildings (House # 858 Flushing Avenue & House # 464 Bushwick Avenue, Brooklyn) on the south and west sides to the site of the proposed development (860 Flushing Avenue), should transfer the foundation loads from their present bearing elevation to a level below the lowest excavation depth for footing/foundation wall construction for the proposed 8-story building with a cellar level. The underpinning of the neighboring buildings (House # 858 Flushing Avenue & House # 464 Bushwick Avenue, Brooklyn) involves lowering the foundation to the influence level of the proposed construction at 860 Flushing Avenue, Brooklyn while maintaining the supporting capacity of the foundation. The influence line of the proposed construction may be defined by drawing an imaginary line from the base of the lowest excavation outward and upward at a slope of 1 horizontal to 1 vertical. Therefore, it is critical to determine the influence line of the neighboring building foundation based upon the depth of the proposed foundation of the planned development at 860 Flushing Avenue, and the distance from the existing foundation of the adjacent neighboring buildings (House # 858 Flushing Avenue & House # 464 Bushwick Avenue, Brooklyn).

Based on the current development plans provided by the Client, the proposed development will consist of eight (8) levels of above-grade construction underlain by cellar level. The cellar will extend to all surrounding property lines. The cellar level will be utilized for commercial space, water/sewer room and electro-mechanical rooms, storage. According to the preliminary architecture drawings provided by the client, the top of the cellar slab is indicated to be at about 10 ft. (el. 23.8′ ± NAVD88) below curb level. It is anticipated that the excavation will extend to depths of about 13 ft. (el. 20.8' ± NAVD88) below the adjacent curb level to facilitate foundation wall/footing construction. Excavation in the elevator pit will be about 5 ft. deeper.

According to test pit inspection report prepared by Big Apple Group in May of 2025, the depth of excavation for the proposed footing construction at 860 flushing Avenue, Brooklyn will extend to depths below the footings of the adjacent neighboring buildings (House # 858 Flushing Avenue & House # 464 Bushwick Avenue, Brooklyn) abutting the south and west property line of the proposed development. Therefore, the underpinning of the footings of the adjacent neighboring buildings (House # 858 Flushing Avenue & House # 464 Bushwick Avenue, Brooklyn) will be required. The actual depth of the underpinning (if required) may be determined from the test pit inspection done by Big Apple Group in August 2025 and included at Appendix 2 of this report.

If required, the underpinning pit should be sheeted and shored to prevent ground loss or a reduction in soil bearing capacity. For the final underpinning design, the adjacent buildings must not be undermined by the proposed excavation. Measures should be taken to prevent raveling of soil beneath the adjacent structures (foundation and slab elements). The underpinning designer should review all the subsurface investigation results & the condition assessment of the adjacent building and take this information into account to ensure that appropriate underpinning methods are selected and designed. The design plans and details for the underpinning, if required, should be prepared by a Professional Engineer and in accordance with the New York City (NYC) Building Code 2022, Section BC 1814. The underpinning should be subject to special inspection in accordance with the NYC Building Code 2022. Permission from the neighboring property owners will be required prior to installing excavation support or underpinning elements or lateral bracing elements beneath their property.

8.0 LATERAL EARTH PRESSURE

Excavated or imported granular material should be used for the back filling of the foundation walls. The following soil parameters presented below should be used in the computation of the lateral earth pressure on the sheeting and foundation wall design.

- Angle of internal Friction - 30°
- At-Rest Earth Pressure Coefficient (K_o) = 0.50
- Active Earth Pressure Coefficient (K_a) = 0.33
- Passive Earth Pressure Coefficient (K_p) = 3.0
- Unit weight(γ_{dry}) = 125 pcf

Active earth pressure should be used for the design of flexible walls which are unsupported at the top and can rotate about the footing. Use at-rest earth pressure for the design of permanent rigid walls that are supported at top and bottom. Apply an appropriate factor of safety when using passive earth pressure to resist horizontal loading.

It should be noted that the above parameters do not include any surcharge loads, such as those produced by equipment, vehicular traffic, or other loading within a plane extending upwards from the bottom of the structure on a slope of 1.5H: 1V. If any of these surcharge conditions occur, the lateral earth pressures will increase, and the design parameters must be re-evaluated.

9.0 FOUNDATION RECOMMENDATION

The design and construction of the foundation system must consider the results of the sub-surface geotechnical investigation, and the depth of the footing of the neighboring buildings (House # 858 Flushing Avenue & House # 464 Bushwick Avenue, Brooklyn) abutting the south and west property lines of the site of the proposed development (860 Flushing Avenue, Brooklyn).

Based on the current development plans provided by the Client, the proposed development will consist of eight (8) levels of above-grade construction underlain by cellar level. The cellar will extend to all surrounding property lines. The cellar level will be utilized for commercial space, water/sewer room and electro-mechanical rooms, storage. According to the preliminary architecture drawings provided by the client, the top of the cellar slab is indicated to be at about 10 ft. (el. 23.8′ ± NAVD88) below curb level. It is anticipated that the excavation will extend to depths of about 13 ft. (el.20.8' ± NAVD88) below the adjacent curb level to facilitate foundation wall/footing construction. Excavation in the elevator pit will be about 5 ft. deeper.

The subsurface conditions encountered in the borings are detailed and described on the boring logs included in Appendix 1 (Dwg. # 13494). The soil stratigraphy varies over the site. Based on the results of the sub-surface geotechnical investigation report at Appendix 1, and the anticipated bearing elevation (el.20.8' ± NAVD88) of the foundation system, the soil conditions at the site are generally favorable for the construction of conventional shallow foundations (spread footings or mat foundations), **except in the south-west side of the site where the uncontrolled fill extended from curb level to a depth of 21 ft. depth below curb level at the location of test boring B-4, and as much as 8 ft. depth below the anticipated bearing elevation of the foundation system. Settlement beneath shallow foundations constructed over uncontrolled fill can be variable, potentially excessive, and is difficult to predict. Accordingly, we do not recommend the placement of the footing on soil designated as uncontrolled fill (Class 7); hence, in order to finalize the foundation design for this section (south-west side) of the site, additional test borings will be required in this area of the proposed building complex to further delineate the spatial extent of the uncontrolled fill indicated by B-4 boring conditions, and associated over-excavation depths.**

Beyond the south-west side of the site, given the results of the soil boring report at Appendix 1 (Dwg. # 13494), the placement of conventional shallow foundation at a depth of about 13 ft. (el. 20.8′ ± NAVD88) and deeper below the curb level, is within the bearing stratum classified as an inter-mix of clayey sand/sandy clay some/trace cobbles (Class 3a & 4a soils) which is considered satisfactory bearing material by the NYC Building Code 2022, and is adequate to support a shallow foundation system. Spread footing, continuous wall footing and mat foundations are all feasible. The spread footing, continuous wall footing or mat foundation bearing on clayey sand/sandy clay some/trace cobbles should be designed for a maximum allowable bearing pressure not exceeding 5 tons per square foot or a modulus of subgrade reaction, k_s, of 125 pci. With the placement of the footings at the bearing elevations recommended above, and deeper below curb level, no long-term settlement is expected due to the nature of the bearing stratum below the foundation at the site. Short term settlement will be within acceptable limits of 1" or less if the allowable bearing capacity

(5 tons per square foot) of the soil as indicated above is not exceeded. Any perimeter spread, and wall footing should be designed as strap footing to ensure the transfer of column loads on to the soil with equal and uniform bearing pressure. A mat foundation is usually more economical where individual footing would cover more than half the building area. All footings/foundations shall bear on the **undisturbed virgin soil or engineer approved compacted structural fill.** The excavation and subgrade preparation for the footings/foundations shall be performed under the full time inspection of a geotechnical engineer.

The shallow foundation should be designed and constructed in accordance with Section BC 1809 of the NYC Building Code 2022. Earthquake induced soil liquefaction is not a concern at this site. In accordance with the New York City Building Code 2022 requirements for special inspection, a professional geotechnical engineer should inspect and approve the foundation subgrade to verify that the subgrade material is the anticipated bearing material and is adequate to provide the recommended allowable bearing pressure. Any unstable areas encountered should be excavated to competent material and the area backfilled with compacted structural fill as outlined in Section 12.0 "Fill Placement and Compaction Requirement" of this report, and under the full time supervision of a license Professional Engineer from Big Apple Group. Earthquake induced soil liquefaction is not a concern at this site.

In the south-west side of the site, the uncontrolled fill stratum extends to a depth of 21 ft. (el. 12.8' ± NAVD88) below curb level at the location of test boring B-4, and as much as 8 ft. depth below the anticipated bearing elevation of the foundation system for the remaining footprint of the proposed building. Settlement beneath shallow foundations constructed over uncontrolled fill (class 7 soil), up to a depth of 8 ft. (el. 12.8' ± NAVD88) below curb level can be variable, potentially excessive, and is difficult to predict. Accordingly, we do not recommend the placement of the footing on soil designated as Class 7.

Based on the geotechnical investigation completed at the south-west side of the site, the placement of conventional shallow foundation (spread or mat) at a depth less than 21 ft. below curb level is not recommended without soil remediation for bearing capacity improvement. Soil remediation techniques may include the full removal of the uncontrolled fill (Class 7 soil) and the backfill of the over-excavated zone with compacted controlled fill, gravel or recycled concrete aggregate to the proposed bearing elevation (el. 20.8′ ± NAVD88) of the footings for the remaining portion of the building footprint. The controlled fill shall be placed and compacted as detailed in Section 12.0 "Fill Placement and Compaction Requirement" of this report. However, this method will be impractical for this site given the depth of the soil to be remediated and the bearing elevation of the footing of the neighboring buildings (House # 858 Flushing Avenue & House # 464 Bushwick Avenue, Brooklyn). Other soil remediation techniques not requiring excavation may include compaction grouting, chemical and permeation grouting etc., all with adverse effect on final construction cost and scheduling. Soil remediation by compaction grouting or other similar treatment would require that treatment plans, procedures and post-treatment performance & testing requirements be subject to the approval of the NYC Department of Buildings.

Accordingly, for reasons previously stated, the use of conventional shallow foundation (mat foundation, spread footing and continuous wall footing) at this section of the site is not recommended due the unsatisfactory bearing capacity of the foundation soils extending to depths of 21 ft. below curb level, with the potential for excessive settlement. A deep foundation system is recommended to transfer the structural load to deeper soil stratum of satisfactory bearing capacity. If the building is to be found on piles, the existing Class 7 soil can remain beneath the pile cap; thereby resulting in significantly less excavation, underpinning and sheeting/shoring at the site. Also, a deep foundation system for the transfer the structural load to deeper soil stratum of satisfactory bearing capacity will avoid significant cost and construction time associated with excavation for full removal of the Class 7 up to a depth of 21 ft. below curb level. The deep foundation system can be designed so that the piles obtain their design load capacity through the silty fine sand/clayey sand and silty sand at 21 ft. and deeper below curb level. The upper 21 ft. thickness of the soil stratum classified as Class 7 should not be considered to provide any load carrying capacity in the pile design.

If the pile supported foundation is the preferred foundation type, the pile should be designed taking into consideration that the method of pile installation will not generate high vibration to have adverse effect on the neighboring buildings within the radius of influence of construction activities planned for the site. In this regards, we recommend against the use of driven piles which may cause vibrations of a magnitude that will induce settlement of the neighboring buildings. The use of drilled piles is best suited to avoid vibration to reduce the risk of damage to adjacent buildings. Drilled uncased piles, and micro piles are applicable for this site. The selection of the type of pile to be used at this site is based on cost and the feasibility of pile installation given the limited accessibility at the site. **In order to finalize the foundation design for this section (south-west side) of the site, additional test borings will be required in this area of the proposed building complex to further delineate the spatial extent of the uncontrolled fill indicated by B-4 boring conditions, and associated over-excavation depths.**

10.0 SLAB-ON-GRADE & BELOW-GRADE WALL

Subgrades which will support the new concrete slab-on-grade at the cellar level should be prepared in accordance with the recommendations contained in Section 12.0 “Fill Placement and Compaction Requirement” of this report.

The slab-on-grade at the cellar level should be constructed directly over a minimum 6 in. thick layer of granular, free draining aggregate base course placed and compacted directly below the bottom of the slabs to provide a uniform bearing surface and improve overall slab performance. A mat foundation, if selected as the foundation system for the proposed development may also serve as the slab-on-grade. The project structural engineer should determine the thickness and reinforcement details of the slab-on-grade (mat foundation) at the cellar level.

In order to limit differential settlement of the slab-on- grade, we recommend that the soil sub-grade be proof rolled to 95% of the maximum dry density as determined by the ASTM D- 1557

test procedure. Vapor barrier should be installed on the surface of all concrete in contact with the soil. To minimize moisture transmission through the floor slab, the slab should be underlain by a vapor barrier consisting of an impermeable membrane at least 10 mils in thickness. Below-grade walls are presumed to be fixed against rotation, and should be designed to resist soil, hydrostatic, surcharge, and dynamic pressures as discussed in Section 8.0 of this report. Below grade foundation walls should be damp-proof.

11.0 SEISMIC CONSIDERATION

Section 1613.3.4.1 of the NYC Building Code 2022 requires the assignment of a Site Class. Based on the soil profile as indicated on the soil boring logs at Appendix 1 (Dwg. # 13494) and the proposed bearing elevation of the foundation system, the site is assigned to Site Class D in accordance with Table 1613.3.4.1 of the NYCBC 2022.

Seismic site coefficients F_a and F_v for Class C sites were selected according to the mapped spectral response acceleration stipulated by the NYC Building Code 2022, and are summarized hereunder as follows:

Table 1: Summary of Seismic Site Coefficient

Parameter	Value
Site Coefficient F_a	1.57
Site coefficient F_v	2.40

The Seismic Design Category based on the design spectral response acceleration (SD_s & SD_1) and risk category of the proposed development (Group ll) is evaluated as Seismic Design Category B. According to Table 1604.5 of the NYC Building Code 2022, the proposed structure falls under Structural Occupancy/Risk Category ll. Based on the soil profile as indicated on the soil boring logs at Appendix 1 (Dwg. # 13494) earthquake induced soil liquefaction is not a concern at this site.

12.0 STRUCTURAL FILL PLACEMENT AND COMPACTION REQUIREMENT

Excavated or borrowed granular material should be used for the back- filling of the foundation walls and zones of over-excavation at the site. Controlled fill beneath slab-on-grade or footing/ foundation, and as backfill for the cellar walls should be well graded granular material meeting the following requirements:

The controlled fill material shall be placed in accordance with the following procedure:

- The area to be filled shall be stripped of all organic materials, rubbish, and debris.
- The controlled fill shall not be placed when frozen or on frozen or saturated subgrade.
- The special inspection agency shall approve the subgrade prior to fill placement.
- Controlled fill material shall consist of gravel, crushed rock, recycled concrete aggregate, well-graded sand or a mixture of these, or equivalent materials with a maximum particle size of 3 inches and a maximum of 10% passing the #200 sieve.

- Controlled fill shall be placed and compacted in lifts, not exceeding 12 inches, at its optimum moisture content, plus or minus 2 percent, and to not less than a density of 95 percent of the optimum density as determined by ASTM D 1557.
- Fill density shall be verified by in-place tests made on each lift.

13.0 PROTECTION OF ADJACENT BUILDINGS/STRUCTURES

Pre-construction Survey

The surrounding developments include public sidewalk, private driveway, and residential buildings (House # 858 Flushing Avenue & House # 464 Bushwick Avenue). Therefore, care should be maintained while executing all demolition, below-grade excavation, underpinning, and constructing the excavation support system. All excavation and construction work at the site should be performed so as not to adversely impact or cause loss of support to the structures/buildings within the radius of influence of construction activities planned for the site, and other structures such as sidewalks, driveway, streets, and utilities. Precautions must be made to maintain the structural stability of any structures/buildings adjacent to the property line during the excavation and construction of the proposed development. We recommend pre-construction existing condition documentation should be performed to establish existing conditions of the neighboring/bordering buildings within the zone of influence of the proposed development at 680 Flushing Avenue, Brooklyn prior to the start of excavation and construction activities at the site. The pre-construction survey should document the condition of the adjacent buildings, including the location of existing cracks, settlement damage, and water damage, if any. The buildings/structures should be inspected and photographed, inside and out, to record existing conditions. These surveys should be conducted to monitor the potential progression of building cracks and the existing pavement condition /distress along the adjacent building's driveway and sidewalk. The survey would provide the owners and contractor, etc., with documentation of existing conditions in the event of a future damage claim. Also, at the time of foundation plan approval, an engineer should submit an Evaluation Report to the NYC Department of Buildings assessing the condition of the existing adjacent buildings and the subsurface conditions of the construction site and adjacent properties. The report should also identify acceptable method(s) of support, including underpinning, if required or alternate methods of support, for the adjacent buildings. This evaluation should be performed in accordance with the requirements of Section 1817.3.1 through 1817.3.6 of the NYC Building Code 2022.

Monitoring During Construction

The NYC Building Code 2022 requires monitoring of the neighboring structures/buildings (House # 858 Flushing Avenue & House # 464 Bushwick Avenue). An observation and instrumentation program based on the findings of the preconstruction documentation should be designed for monitoring the performance of adjacent structures/buildings, and evaluating construction procedures during excavation and foundation construction. The monitoring program should include recommendations for the locations of survey points to monitor vertical and horizontal movements of the neighboring structures/buildings (House # 858 Flushing Avenue & House # 464

Bushwick Avenue). The monitoring program should also include criteria for allowable movements and vibrations, and the procedures to be implemented if the criteria are exceeded during construction. The survey should be performed at least once per week, with measurements taken to the nearest 0.005 ft. Work at the site should be temporarily stopped if building movements (vertical or lateral) exceed ¼" or two consecutive readings of ⅛" or a movement trend develops over several readings. During excavation, especially during any rock excavation, ground vibrations within the adjacent buildings should be monitored using a threshold type seismograph capable of measuring up to 0.02 in/sec. The ground vibration should be monitored continuously while excavation and foundation construction activities are performed. Monitoring should start at least two weeks prior to any construction activities to establish baseline data.

14.0 LIMITATIONS

The recommendations contained in this report are based on the information obtained from the four (4) test borings performed by Big Apple Group at the site. The soil boring report with boring logs is at Appendix 1 (Dwg. # 13494) of this report. **Additional test borings will be required in this area of the proposed building complex to further delineate the spatial extent of the uncontrolled fill indicated by B-4 boring conditions, and associated over-excavation depths**.

The test borings done at the site indicate subsurface conditions only at specific locations and times, and only at the depths drilled. They do not necessarily reflect strata or variations that may exist between the drilled locations; hence, the recommendations in this report should be considered preliminary until the subsurface conditions can be verified by direct observation at the time of excavation and construction. If different conditions are encountered during construction, they should immediately be brought to our attention for evaluation as they may affect our recommendations. If any changes in the nature, design or location of the proposed development are planned, the recommendations contained in this report shall not be considered valid unless the changes are reviewed. By using this report, the Owner (**B MANAGEMENT**) agrees that CERTERRA/Big Apple Group will not be held responsible for any damages to adjacent structures.

APPENDIX 1

SOIL BORING REPORT & TR-4

860 FLUSHING AVENUE, BROOKLYN, NY

Dwg. # 13494

MAJOR DIVISIONS			GROUP SYMBOLS	TYPICAL NAMES
1	2		3	4
COARSE-GRAINED SOILS MORE THAN HALF MATERIAL IS LARGER THAN No. 200 SIEVE SIZE	GRAVELS MORE THAN HALF OF COARSE FRACTION IS SMALLER THAN No. 4 SIEVE SIZE	CLEAN GRAVELS (LITTLE OR NO FINES)	GW	WELL-GRADED GRAVELS, GRAVEL-SAND MIXTURES, LITTLE OR NO FINES.
			GP	POORLY GRADED GRAVELS OR GRAVEL-SAND MIXTURES, LITTLE OR NO FINES.
		GRAVELS WITH FINES (APPRECIABLE AMOUNT OF FINES)	GM	SILTY GRAVELS, GRAVEL-SAND-SILT MIXTURES.
			GC	CLAYEY GRAVELS, GRAVEL SAND-CLAY MIXTURES.
	SANDS MORE THAN HALF OF COARSE FRACTION IS SMALLER THAN No. 4 SIEVE SIZE	CLEAN SANDS (LITTLE OR NO FINES)	SW	WELL-GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES.
			SP	POORLY GRADED SANDS OR GRAVELLY SANDS, LITTLE OR NO FINES.
		SANDS WITH FINES (APPRECIABLE AMOUNT OF FINES)	SM	SILTY SANDS, SAND-SILT MIXTURES.
			SC	CLAYEY SANDS, SAND-CLAY MIXTURES.
FINE-GRAINED SOILS MORE THAN HALF OF MATERIAL IS SMALLER THAN No. 200 SIEVE SIZE THE No. 200 SIEVE SIZE IS ABOUT THE SMALLEST PARTICLE VISIBLE TO THE NAKED EYE	SILTS & CLAYS LIQUID LIMIT IS LESS THAN 50		ML	INORGANIC SILTS AND VERY FINE SANDS, ROCK FLOUR, SILTY OR CLAYEY FINE SANDS OR CLAYEY SILTS WITH SLIGHT PLASTICITY.
			CL	INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS.
			OL	ORGANIC SILTS, & ORGANIC SILTY CLAYS OF LOW PLASTICITY
	SILTS & CLAYS LIQUID LIMIT IS LESS THAN 50		MH	INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS FINE SANDY OR SILTY SOILS, ELASTIC SILTS.
			CH	INORGANIC CLAYS OF HIGH PLASTIICITY, FAT CLAYS.
			OH	ORGANIC CLAYS OF MEDIUM TO HIGH PLASTICITY, ORGANIC SILTS.
HIGHLY ORGANIC SOILS			Pt	PEAT AND OTHER HIGHLY ORGANIC SOILS.

"N"	STANDARD PENETRATION TEST (2" SPOON, 140 lb HAMMER, 30" FALL)
5 9 12 N = 21 BLOWS PER FOOT 3	SPOON BLOW COUNT IS GENERALLY SHOWN IN 6" INCREMENTS FOR 2' DRIVE, TO OBTAIN BLOWS PER FOOT (N) USE THE 2nd & 3rd 6" INCREMENT

SOIL SAMPLES AND FIELD REPORTS WILL BE DISCARDED AFTER SIX MONTHS.
THIS REPORT IS SUBMITTED WITH THE SPECIFIC UNDERSTANDING THAT THE SOLE LIABILITY OF BIG APPLE TESTING, INC., ITS ENGINEERS AND EMPLOYEES FOR ERRORS AND OMISSIONS IS LIMITED TO THE AMOUNT OF THE FEE PAID FOR THIS REPORT. THE USE OF THIS REPORT WILL CONSTITUTE AN ACCEPTANCE BY THE CLIENT OF THIS DISCLAIMER. THE FEE CHARGED FOR THIS REPORT IS PREDICTED UPON THIS LIMITATION OF LIABILITY WHICH IS THE ESSENCE OF THIS AGREEMENT. IF THESE TERMS ARE NOT ACCEPTABLE, CLIENT MUST NOTIFY BAT, INC. IN WRITING BY CERTIFY EMAIL, RETURN RECEIPT REQUESTED WITHIN FIVE (5) DAYS. BIG APPLE TESTING, INC., ITS ENGINEERS AND EMPLOYEES DO NOT ACCEPT ANY LIABILITY OR RESPONSIBILITY FOR PERSONS OTHER THAN THE CLIENT FOR WHOM THIS WORK WAS DIRECTLY PREPARED AND ANY SUCH PERSON, FIRM OR CORPORATION RELIES ON THIS REPORT AT HIS OWN RISK.

BORING CONTRACTOR'S CERTIFICATION

BIG APPLE TESTING, INC. CERTIFIES AS TO THE ACCURACY OF THE SPOON AND CASING BLOWS AND ELEVATIONS AND METHOD OF BORING.

THE FOLLOWING EQUIPMENT WAS USED:

EQUIPMENT:

CME 55 [X]	CME-45C [ ]	ACKER-SCOUT [ ]	SENTRY [ ]
CME 45 [ ]	MOBIL B61 [ ]	SIMCO 2800 [ ]	TRIPOD [ ]
OTHER [ ]	NAME OF EQUIPMENT AND MODEL:		

TYPE OF CORE BARRELS AND DIAMOND BITS

SIZE	OD	CORE DIAMETERS
[ ] AX	1 $\frac{7}{8}$"	1 $\frac{1}{8}$"
[ ] BX	2 $\frac{3}{8}$"	1 $\frac{5}{8}$"
[ ] NX	2 $\frac{3}{8}$"	2 $\frac{1}{8}$"
[ ] AXM	1 $\frac{7}{8}$"	1 $\frac{1}{8}$"
[ ] NXM	2 $\frac{3}{8}$"	2 $\frac{1}{8}$"
[ ] B	2"	1 $\frac{5}{8}$"

WEIGHT OF HAMMERS:
300 lbs ON 2 $\frac{1}{2}$" CASING - 18" DROP
140 lbs ON 2" SPOON - 30" DROP
SPOON - SPLIT SAMPLER - 2" O.D. - 1 $\frac{3}{8}$" I.D. (24" LONG)

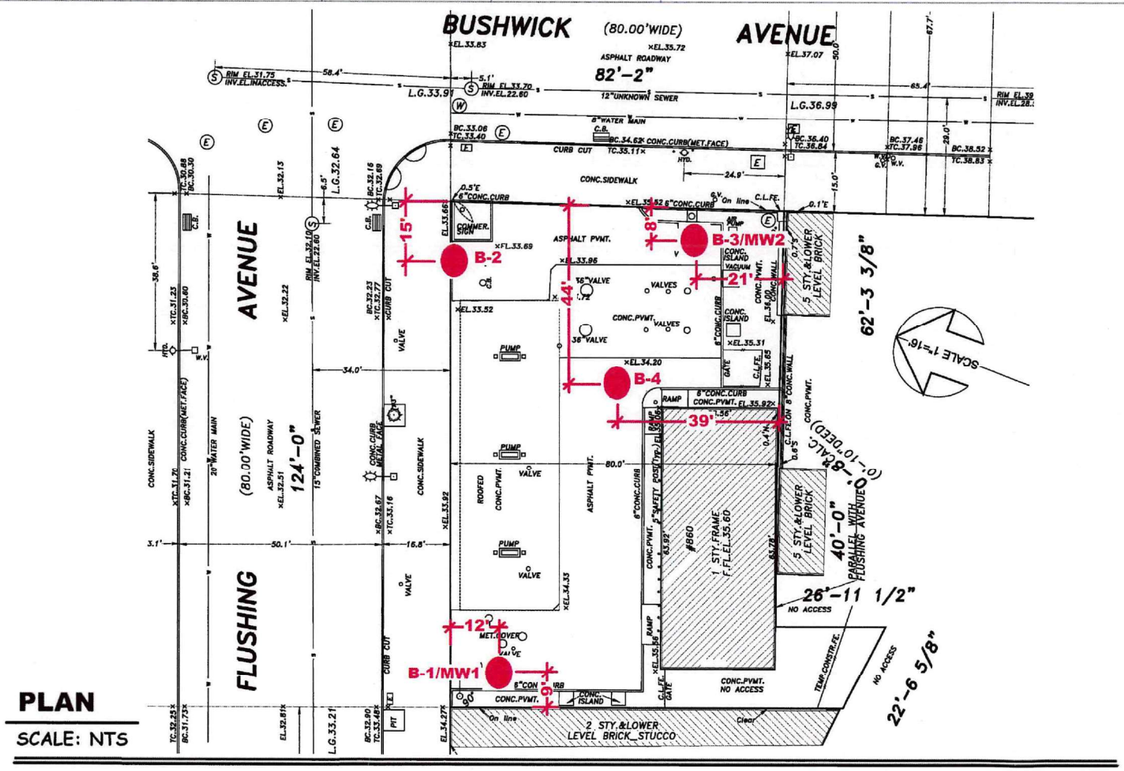
WATER NOTED ON PRINT IS ONLY FIRST INDICATION OF WATER
FOR EXACT RESULTS CALL OUR WELL POINT TEST.
WATER LEVEL MAY FLUCTUATE 5' ±

ALLOWABLE SOIL BEARING PRESSURES
N.Y.C. BULDING CODE 2022 TABLE 1806.1

CLASS OF MATERIALS (Notes 1 and 3)	MAXIMUM ALLOWABLE BEARING PRESURE (TSF)	MAXIMUM ALLOWABLE BEARING PRESURE (kPa)
1. Bedrock (Notes 2 and 7)		
1a. Hard sound rock	60	5,746
1b. Medium rock	40	3,830
1c. Intermediate rock	20	1,915
1d. Soft rock	8	766
2. Sandy gravel and gravel (GW, GP) (Notes 3, 4, 8, and 9)		
2a. Dense	10	958
2b. Medium	6	575
3. Granular soils (GC, GM, SW, SP, SM, and SC) (Notes 4, 5, 8, and 9)		
3a. Dense	6	575
3b. Medium	3	287
4. Clays (SC, CL, and CH) (Notes 4, 6, 8, and 9)		
4a. Hard	5	479
4b. Stiff	3	287
4c. Medium	2	192
5. Silts and silty soils (ML and MH) (Notes 4, 8, and 9)		
5a. Dense	3	287
5b. Medium	1.5	144
6. Nominally Unsatisfactory Bearing Materials: Loose granular soils; Soft clay soils; Loose silt; • All organic silts, organic clays, peats, soft clays, granular soils and varved silts.	See 1806.2.1	See 1806.2.1
7. Controlled and uncontrolled fills	See 1806.2.1 or 1806.2.3	See 1806.2.1 or 1806.2.3

NOTES:

1. Where there is doubt as to the applicable classification of a soil or rock stratum, the allowable bearing pressure applicable to the lower class of material to which the given stratum might conform shall apply.
2. The tabulated values of allowable bearing pressures apply only for massive rocks, or for sedimentary or foliated rocks where the strata are level or nearly so, and then only if the area has ample lateral support. The allowable bearing pressure for tilted strata and their relation to nearby slopes or excavations shall be evaluated by the engineer responsible for the geotechnical investigation. The tabulated values for Class 1a materials (hard sound rock) may be increased by 25 percent provided the engineer performs additional tests and/or analyses substantiating the increase.
3. For intermediate conditions, values of allowable bearing pressure shall be estimated by interpolation between indicated extremes.
4. Footing embedment in soils shall be in accordance with Section 1805.3 and the width of the loaded area shall not be less than 18 inches (457 mm), unless analysis demonstrates that the proposed construction will have a minimum factor of safety of 2.0 against shear failure of the soil.
5. Estimates of settlements shall govern the allowable bearing pressure, subject to the maximums given in this table, and as provided in Section 1804.2.
6. Allowable bearing pressure of clay soils shall be established on the basis of the strength of such soils as determined by field or laboratory tests and shall provide a factor of safety against failure of the soil of not less than 2.0 computed on the basis of a recognized procedure of soils analysis, shall account for probable settlements of the building and shall not exceed the tabulated maximum values.
7. Allowable bearing pressure may be increased due to embedment of the foundation. The allowable bearing pressure for intermediate rock (1c), medium hard rock (1b), and hard sound rock (1a) shall apply where the loaded area is on the rock surface. Where the loaded area is below the rock surface and is fully confined by the adjacent rock mass and provided that the adjacent rock mass above the bearing surface is of the same rock class or better, and the rock mass has not been shattered by blasting or otherwise is or has been rendered unsound, the allowable bearing pressure may be increased 10 percent of the base value for each 1 foot (0.3 meters) of embedment below the surface of the adjacent rock surface in excess of 1 foot (0.3 meters), but shall not exceed 200 percent of the values.
8. The allowable bearing pressure for soils of classes 2, 3, 4, and 5 determined in accordance with Notes 3, 4, and 5 above, shall apply where the loaded area is embedded 4 feet (1219 mm) or less in the bearing stratum. Where the loaded area is embedded more than 4 feet (1219 mm) below the adjacent surface of the bearing stratum, and is fully confined by the weight of the adjacent soil, the allowable bearing pressure may be increased 5 percent of the base value for each 1-foot (305 mm) additional embedment, but shall not exceed twice the values. Increases in allowable bearing pressure due to embedment shall not apply to soft rock, clays, silts and soils of Classes 6 and 7.
9. The allowable bearing pressure for soils of Classes 2, 3, 4, and 5 determined in accordance with this table and the notes thereto, may be increased up to 1/3 where the density of the bearing stratum below the bottom of the footings increases with depth and is not underlain by materials of a lower allowable bearing pressure. Such allowable bearing pressure shall be demonstrated by a recognized means of analysis that the probable settlement of the foundation due to compression, and/or consolidation does not exceed acceptable limits for the proposed building.
10. The maximum toe pressure for eccentrically loaded footings may exceed the allowable bearing pressure by up to 25 percent if it is demonstrated that the heel of the footing is not subjected to tension.



PLAN

SCALE: NTS

NOTES 1. DETAILS ON THE DRAWINGS LABELED AS "NOT TO SCALE" ARE INTENTIONALLY DRAWN NOT TO SCALE FOR VISUAL CLARITY. ALL OTHER DETAILS, FOR WHICH NO SCALE IS SHOWN, ARE DRAWN PROPORTIONAL AND ARE FULLY DIMENSIONED.

CERTERRA
BIG APPLE GROUP
100-03 94th Avenue, Ozone Park, NY 11416
T: 718.767.2900 certerra.com
Materially Better™

CLIENT NAME: B MANAGEMENT

PROJECT NAME: 860 FLUSHING AVENUE BROOKLYN

PROJECT No.:

SAFETY SEAL:

STATE OF NEW YORK ★ LICENSED PROFESSIONAL ENGINEER ★ SOORJBALLY HARILALL (P.E.) 087949

No.	DATE:	REVISION
#1	05/22/2025	Monitoring Wells ADDED
		FOR REVIEW

DRILLING DATE: 04/30/2025

DRILLER: LUIS

HELPER: NICK

DRAWING DATE: 05/05/2025

DRAWING No.: 13494

DRAWN BY: A.S.

BORING B-1/MW1 — 04/24/2025

GROUND SURFACE SAME AS CURB LEVEL
GROUNDWATER 35FT +/- BELOW CURB

DEPTH FEET	SPOON BLOWS PER 1/2 FT.		MATERIAL
	6	4	0 to 4 Feet Concrete, silt, sand, clay, stones, bricks Uncontrolled Fill Class 7
	4	4	
	4	7	
	8	9	
5	5	5	
	10	12	4 to 6 Feet Clayey sand (SC) Class 3b
	24	15	
	33	18	
	9	22	
10	31	10	
	11	28	6 to 10 Feet Clayey sand, trace cobbles (SC) Class 3a
	30	16	
15	14	45	
	70+		10 to 22 Feet Clayey sand, some cobbles (SC) Class 3a
20	22	22	
	29	45	22 to 32 Feet Silty sand, trace cobbles (SM) Class 3a
25	25	48	
	76		
30	14	15	
	13	15	32 to 37 Feet Medium fine sand (SP) Class 3a
35	15	15	GROUND WATER
	15	15	
40	14	13	
	10	15	37 to 47 Feet Medium fine sand, trace cobbles (SP) Class 3b
45	17	13	
	15	17	47 to 51 Feet Medium fine sand (SP) Class 3a
50	16	14	
	16	24	
55			

BORING B-2 — 04/24/2025

GROUND SURFACE SAME AS CURB LEVEL
GROUNDWATER 35FT +/- BELOW CURB

DEPTH FEET	SPOON BLOWS PER 1/2 FT.		MATERIAL
	3	6	0 to 4 Feet Concrete, silt, sand, clay, bricks Uncontrolled Fill Class 7
	21	8	
	11	14	
	16	14	
5	7	9	
	9	11	4 to 6 Feet Clay (CL) Class 4b
	18	14	
	27	20	
	17	22	
10	75+		
	25	27	6 to 8 Feet Sandy clay (CL) Class 4a
	50	71+	
15	27	31	
	33	38	8 to 22 Feet Clayey sand, trace cobbles (SC) Class 3a
20	7	12	
	41	59	22 to 27 Feet Silty sand, trace cobbles (SM) Class 3a
25	35	60	
	54	47	27 to 32 Feet Medium fine sand, trace cobbles (SP) Class 3a
30	21	31	
	32	25	32 to 37 Feet Medium fine sand (SP) Class 3a
35	9	13	GROUND WATER
	26	13	
40	15	16	
	21	18	37 to 51 Feet Medium fine sand, trace cobbles (SP) Class 3a
45	22	15	
	17	22	
50	13	16	
	19	20	
55			

BORING B-3/MW2 — 04/28/2025

GROUND SURFACE SAME AS CURB LEVEL
GROUNDWATER 35FT +/- BELOW CURB

DEPTH FEET	SPOON BLOWS PER 1/2 FT.		MATERIAL
	35	48	0 to 13 Feet Asphalt, silt, sand, clay, stones, rockfill Uncontrolled Fill Class 7
	65	60	
	50+		
	45	99	
5			
	50+		
	70+		
10	79+		
15	15	21	
	29	31	13 to 27 Feet Sandy clay, trace cobbles (CL) Class 4a
20	18	22	
	22	26	
25	15	16	
	14	10	27 to 32 Feet Silty sand (SM) Class 3a
30	19	22	
	41	36	
35	24	18	GROUND WATER
	18	23	32 to 37 Feet Medium fine sand, trace cobbles (SP) Class 3a
40	19	19	
	21	24	37 to 42 Feet Medium fine sand (SP) Class 3a
45	19	18	
	18	24	42 to 47 Feet Medium fine sand, trace cobbles (SP) Class 3a
50	17	16	
	21	24	47 to 51 Feet Fine sand (SP) Class 3a
55			

BORING B-4/1 — 04/30/2025

GROUND SURFACE SAME AS CURB LEVEL
GROUNDWATER 35FT +/- BELOW CURB

DEPTH FEET	SPOON BLOWS PER 1/2 FT.		MATERIAL
	12	13	0 to 21 Feet Asphalt, silt, sand, clay, bricks, stones Uncontrolled Fill Class 7
	16	19	
	14	49	
	57	60	
5	3	7	
	44	13	
	13	8	
	11	9	
	4	2	
10	2	1	
	1	1	
	2	1	
15	11	9	
	6	7	
20	14	44	
	37	29	21 to 37 Feet Medium fine sand (SP) Class 3b
25	4	7	
	9	9	
30	9	13	
	9	12	
35	9	13	GROUND WATER
	14	16	37 to 42 Feet Medium fine sand (SP) Class 3a
40	12	15	
	15	17	42 to 52 Feet Medium fine sand (SP) Class 3b
45	12	13	
	12	14	
50	12	9	
	13	19	52 to 57 Feet Medium fine sand (SP) Class 3a
55	15	16	

BORING B-4/2 — 04/30/2025

GROUND SURFACE SAME AS CURB LEVEL
GROUNDWATER 35FT +/- BELOW CURB

DEPTH FEET	SPOON BLOWS PER 1/2 FT.		MATERIAL
	20	27	52 to 57 Feet Medium fine sand (SP) Class 3a
60	16	14	
	14	13	57 to 67 Feet Fine sand (SP) Class 3b
65	14	13	
	14	17	
70	18	26	
	22	22	67 to 82 Feet Medium fine sand (SP) Class 3a
75	15	14	
	16	17	
80	13	16	
	19	22	
85	18	20	
	22	25	
90	14	20	82 to 101 Feet Fine sand (SP) Class 3a
	21	20	
95	19	20	
	21	22	
100	23	25	
	35	35	
105			
110			

CERTERRA
BIG APPLE GROUP
100-03 94th Avenue, Ozone Park, NY 11416
T: 718.767.2900 certerra.com
Materially Better™

CLIENT NAME: B MANAGEMENT

PROJECT NAME: 160 FLUSHING AVENUE BROOKLYN

P.E. AFFIX SEAL:

SOORJBALLY HABILAL, P.E.
087949
STATE OF NEW YORK
LICENSED PROFESSIONAL ENGINEER

No.	DATE:	REVISION:
#1	05/22/2025	Monitoring Wells ADDED

FOR REVIEW

DRILLING DATE: 04/30/2025

DRILLER: LUIS

HELPER: NICK

DRAWING DATE: 05/05/2025

DRAWING No.: 13494

DRAWN BY: A.S.

MONITORING WELL READINGS B-1/MW1

DATE	GROUNDWATER DEPTH BELOW TOP OF WELL (FT)	GROUNDWATER ELEVATION (NAVD88)	TIME OF READING
04/30/2025	26.84 FT	8.66' ± NAVD88	09:00 AM
05/02/2025	26.81 FT	8.69' ± NAVD88	11:02 AM
05/05/2025	26.78 FT	8.72' ± NAVD88	09:00 AM
05/06/2025	26.98 FT	8.52' ± NAVD88	04:30 PM
05/07/2025	26.96 FT	8.54' ± NAVD88	05:12 PM
05/08/2025	26.85 FT	8.65' ± NAVD88	08:45 AM
05/13/2025	26.83 FT	8.67' ± NAVD88	03:40 PM
05/21/2025	26.94 FT	8.56' ± NAVD88	12:01 PM

NOTES:

1. LOCATION: **B-1/MW1**
2. TOP OF WELL ELEVATION: 35.5' +/- NAVD88

MONITORING WELL READINGS B-3/MW2

DATE	GROUNDWATER DEPTH BELOW TOP OF WELL (FT)	GROUNDWATER ELEVATION (NAVD88)	TIME OF READING
04/30/2025	27.93 FT	7.07' ± NAVD88	09:05 AM
05/02/2025	28.15 FT	6.85' ± NAVD88	11:06 AM
05/05/2025	28.19 FT	6.81' ± NAVD88	09:03 AM
05/06/2025	28.21 FT	6.79' ± NAVD88	04:36 PM
05/07/2025	28.22 FT	6.78' ± NAVD88	05:17 PM
05/08/2025	28.18 FT	6.82' ± NAVD88	08:48 AM
05/13/2025	28.18 FT	6.82' ± NAVD88	03:47 PM
05/21/2025	28.15 FT	6.85' ± NAVD88	12:13 PM

NOTES:

1. LOCATION: **B-3/MW2**
2. TOP OF WELL ELEVATION: 35.0' +/-NAVD88

CERTERRA
BIG APPLE GROUP
100-03 94th Avenue, Ozone Park, NY 11416
T: 718.767.2900 certerra.com
Materially Better™

CLIENT NAME: B MANAGEMENT

PROJECT NAME: 860 FLUSHING AVENUE BROOKLYN

P.E. AFFIX SEAL:

STATE OF NEW YORK
SOORJBALLY HARILALL
LICENSED PROFESSIONAL ENGINEER
087949
SOORJBALLY HARILALL, P.E.

No.	DATE:	REVISION:
#1	05/22/2025	Monitoring Wells ADDED
		FOR REVIEW

DRILLING DATE: 04/30/2025

DRILLER: LUIS

HELPER: NICK

DRAWING DATE: 05/05/2025

DRAWING No.: 13494

DRAWN BY: A.S.

PAGE: 3 of 3

NYC BUILDINGS

TR4: Technical Report
Soil Investigation

Must be typewritten.

Orient and affix BIS job number label here

1 Location Information *Required for all applications.*

House No(s) 860	Street Name FLUSHING AVENUE			
Borough BROOKLYN	Block 3138	Lot 32	BIN	CB No.
Work on Floor(s)				Apt/Condo No(s)

2 Applicant Information *Required for all applications.*

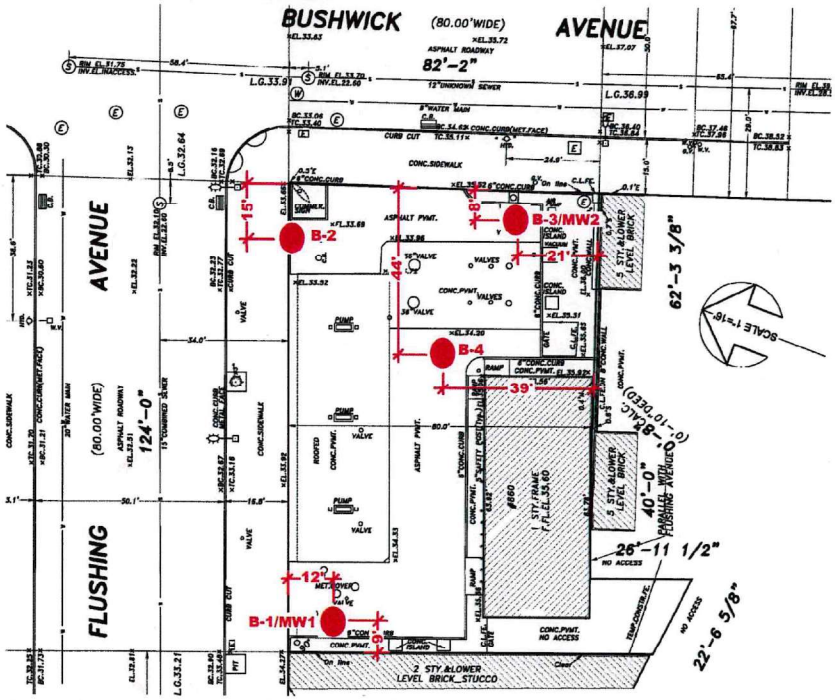
Last Name HARILALL	First Name SOORJBALLY		Middle Initial
Business Name BIG APPLE GROUP NY			Business Telephone 718-767-2900
Business Address 100-03 94TH AVENUE			Business Fax 718-767-5610
City OZONE PARK	State NY	Zip 11416	Mobile Telephone 631-383-6496
E-Mail Info@bigapplegroupny.com			License Number 087949
			☒ P.E. ☐ R.A.

3 Required Borings / Test Pits *Required for all applications.*

Number of Test Pits as Required as per NYC Construction Codes: 4

4 Plot Diagram *Required for all applications.*

Draw in ink to indicate scale. Show building outline or extension and location of all borings and/or test pits by dimensions. Borings and/or test pits shall be distributed according to the NYC Construction Codes.



SCALE: NTS

5 Test Report *Required for all applications.*

Date	Boring/ Test Pit #	Feet Below Curb	Soil Description	Class Number	Remarks
04/24/2025	B-1/MW1	0-4	Concrete, silt, sand, clay, stones, bricks	7	Uncontrolled Fill
		4-6	Clayey sand (SC)	3b	Groundwater 35 FT+/- below curb level
		6-10	Clayey sand, trace cobbles (SC)	3a	
		10-22	Clayey sand, some cobbles (SC)	3a	
		22-32	Silty sand, trace cobbles (SM)	3a	
		32-37	Medium fine sand (SP)	3a	
		37-47	Medium fine sand, trace cobbles (SP)	3b	
		47-51	Medium fine sand (SP)	3a	
04/24/2025	B-2	0-4	Concrete, silt, sand, clay, bricks	7	Uncontrolled Fill
		4-6	Clay (CL)	4b	Groundwater 35 FT+/- below curb level
		6-8	Sandy clay (CL)	4a	
		8-22	Clayey sand, trace cobbles (SC)	3a	
		22-27	Silty sand, trace cobbles (SM)	3a	
		27-32	Medium fine sand, trace cobbles (SP)	3a	
		32-37	Medium fine sand (SP)	3a	

6 Statements and Signatures *Required for all applications.*

I hereby state that the above information is correct and complete to the best of my knowledge and that the above tests were performed in accordance with all Administrative Code Provisions and Departmental Rules, Regulations and Directives.

Falsification of any statement is a misdemeanor and is punishable by a fine or imprisonment, or both.

It is unlawful to give to a city employee, or for a city employee to accept, any benefit, monetary or otherwise, either as a gratuity for properly performing the job or in exchange for special consideration. Violation is punishable by imprisonment or fine or both.

Name (please print) SOORJBALLY HARILALL

Signature

Date 05/05/2025



P.E. / R.A. Seal *(apply seal, then sign and date over seal)*

Approvals - Internal Use Only

Examined and Recommended for Approval		Approved	
Examiner Name		Borough Commissioner Signature	Date
Signature	Date		

5 Test Report *Required for all applications.*

Date	Boring/ Test Pit #	Feet Below Curb	Soil Description	Class Number	Remarks
04/24/2025	B-2	37-51	Medium fine sand, trace cobbles (SP)	3a	
04/28/2025	B-3/MW2	0-13	Asphalt, silt, sand, clay, stones, rockfill	7	Uncontrolled Fill
		13-27	Sandy clay, trace cobbles (CL)	4a	Groundwater 35 FT+/- below curb level
		27-32	Silty sand (SM)	3a	
		32-37	Medium fine sand, trace cobbles (SP)	3a	
		37-42	Medium fine sand (SP)	3a	
		42-47	Medium fine sand, trace cobbles (SP)	3a	
		47-51	Fine sand (SP)	3a	
04/30/2025	B-4	0-21	Asphalt, silt, sand, clay, bricks, stones	7	Uncontrolled Fill
		21-37	Medium fine sand (SP)	3b	Groundwater 35 FT+/- below curb level
		37-42	Medium fine sand (SP)	3a	
		42-52	Medium fine sand (SP)	3b	
		52-57	Medium fine sand (SP)	3a	
		57-67	Fine sand (SP)	3b	

6 Statements and Signatures *Required for all applications.*

I hereby state that the above information is correct and complete to the best of my knowledge and that the above tests were performed in accordance with all Administrative Code Provisions and Departmental Rules, Regulations and Directives.

Falsification of any statement is a misdemeanor and is punishable by a fine or imprisonment, or both.

It is unlawful to give to a city employee, or for a city employee to accept, any benefit, monetary or otherwise, either as a gratuity for properly performing the job or in exchange for special consideration. Violation is punishable by imprisonment or fine or both.

Name (please print)

SOORJBALLY HARILALL 05/05/2025

Signature Date



P.E. / R.A. Seal *(apply seal, then sign and date over seal)*

Approvals - Internal Use Only

Examined and Recommended for Approval		Approved	
Examiner Name		Borough Commissioner Signature	Date
Signature	Date		

5 Test Report *Required for all applications.*

Date	Boring/ Test Pit #	Feet Below Curb	Soil Description	Class Number	Remarks
04/30/2025	B-4	67-82	Medium fine sand (SP)	3a	
		82-101	Fine sand (SP)	3a	

6 Statements and Signatures *Required for all applications.*

I hereby state that the above information is correct and complete to the best of my knowledge and that the above tests were performed in accordance with all Administrative Code Provisions and Departmental Rules, Regulations and Directives.

Falsification of any statement is a misdemeanor and is punishable by a fine or imprisonment, or both.

It is unlawful to give to a city employee, or for a city employee to accept, any benefit, monetary or otherwise, either as a gratuity for properly performing the job or in exchange for special consideration. Violation is punishable by imprisonment or fine or both.

Name (please print)

SOORJBALLY HARILALL 05/05/2025

Signature Date



P.E. / R.A. Seal *(apply seal, then sign and date over seal)*

Approvals - Internal Use Only

Examined and Recommended for Approval		Approved	
Examiner Name		Borough Commissioner Signature	Date
Signature	Date		

APPENDIX 2

REVISED TEST PIT INSPECTION REPORT

860 FLUSHING AVENUE, BROOKLYN, NY

CERTERRA
BIG APPLE GROUP

Materially Better™

TEST PIT INVESTIGATION REPORT

PROJECT: **860 FLUSHING AVENUE BROOKLYN**

PREPARED FOR: **B MANGEMENT**

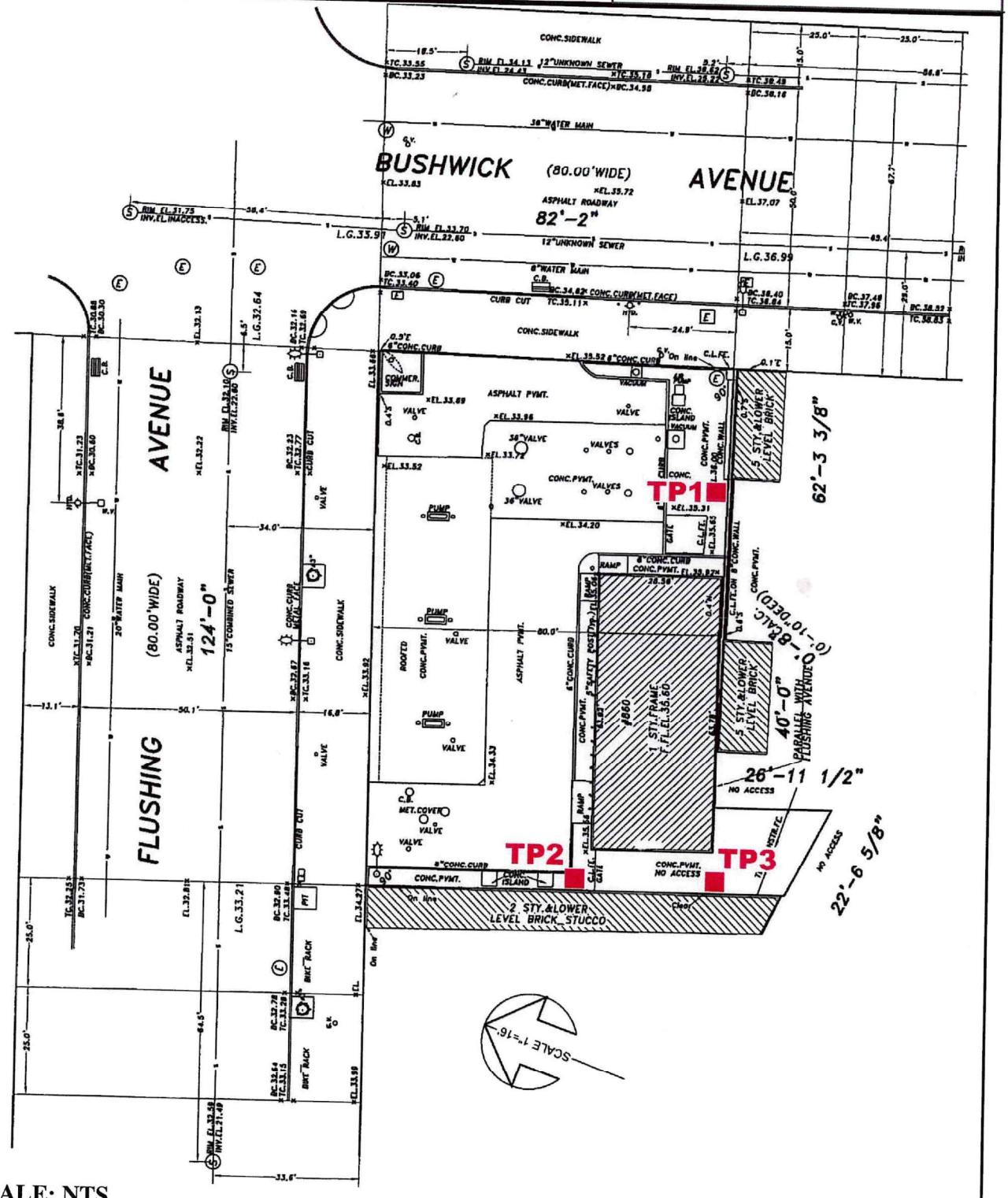


CERTERRA
BIG APPLE GROUP

Materially Better™

TEST PIT INVESTIGATION REPORT

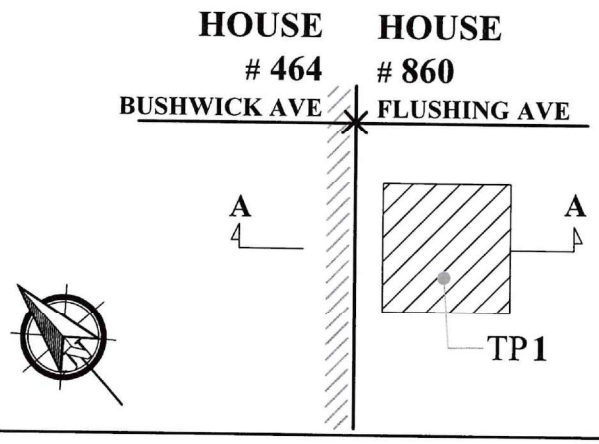
Project Name:	860 FLUSHING AVENUE BROOKLYN	Client Name:	B MANGEMENT

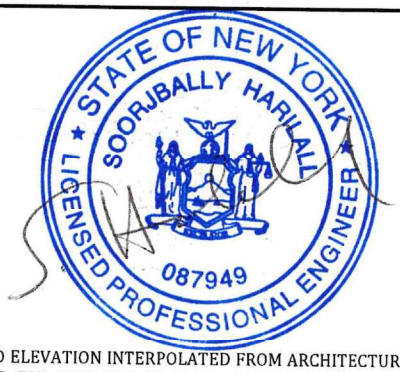


SCALE: NTS

Project Name:	860 FLUSHING AVENUE BROOKLYN	Groundwater:	NO GROUNDWATER ENCOUNTERED
Client Name:	B MANGEMENT	Excavation:	MANUAL
Date of Inspection:	05/09/2025	Log of Test-Pit:	TP1

PLAN

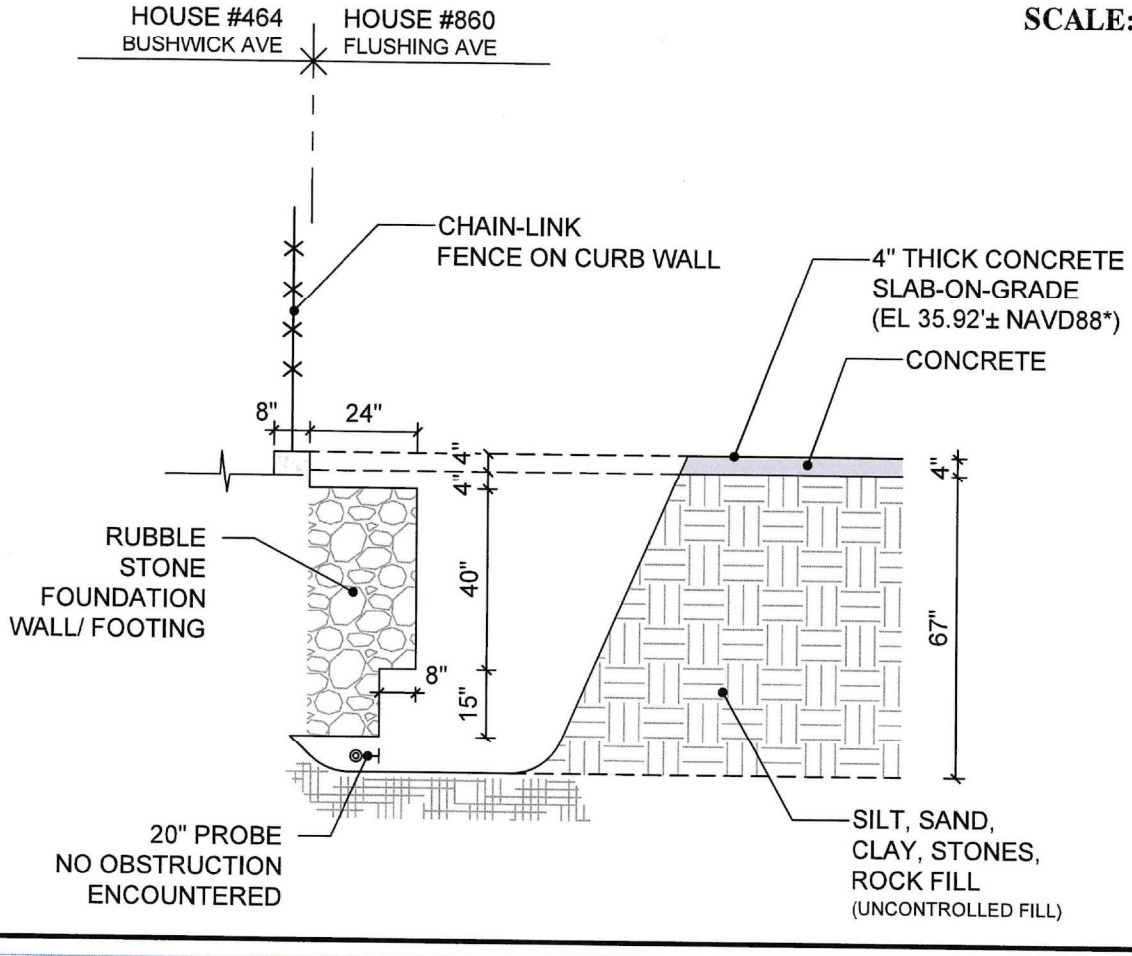




* GROUND ELEVATION INTERPOLATED FROM ARCHITECTURAL SURVEY PREPARED FOR THIS SITE BY KABA SURVEYING DATED FEB. 05,2025 AND SIGNED AND SEALED BY JAROSLAW W. KRAWCZYK (LIC # 050750)

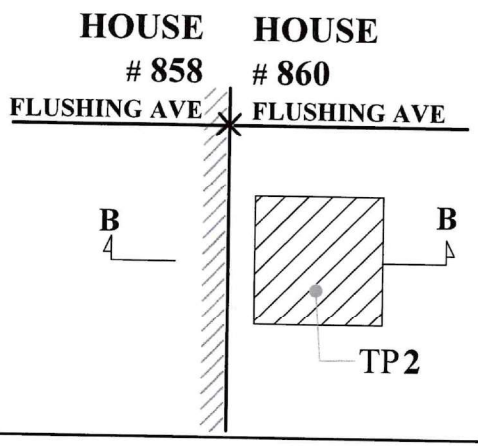
SECTION A-A

SCALE: NTS



Project Name:	860 FLUSHING AVENUE BROOKLYN	Groundwater:	NO GROUNDWATER ENCOUNTERED
Client Name:	B MANGEMENT	Excavation:	MECHANICAL
Date of Inspection:	05/09/2025	Log of Test-Pit:	TP2

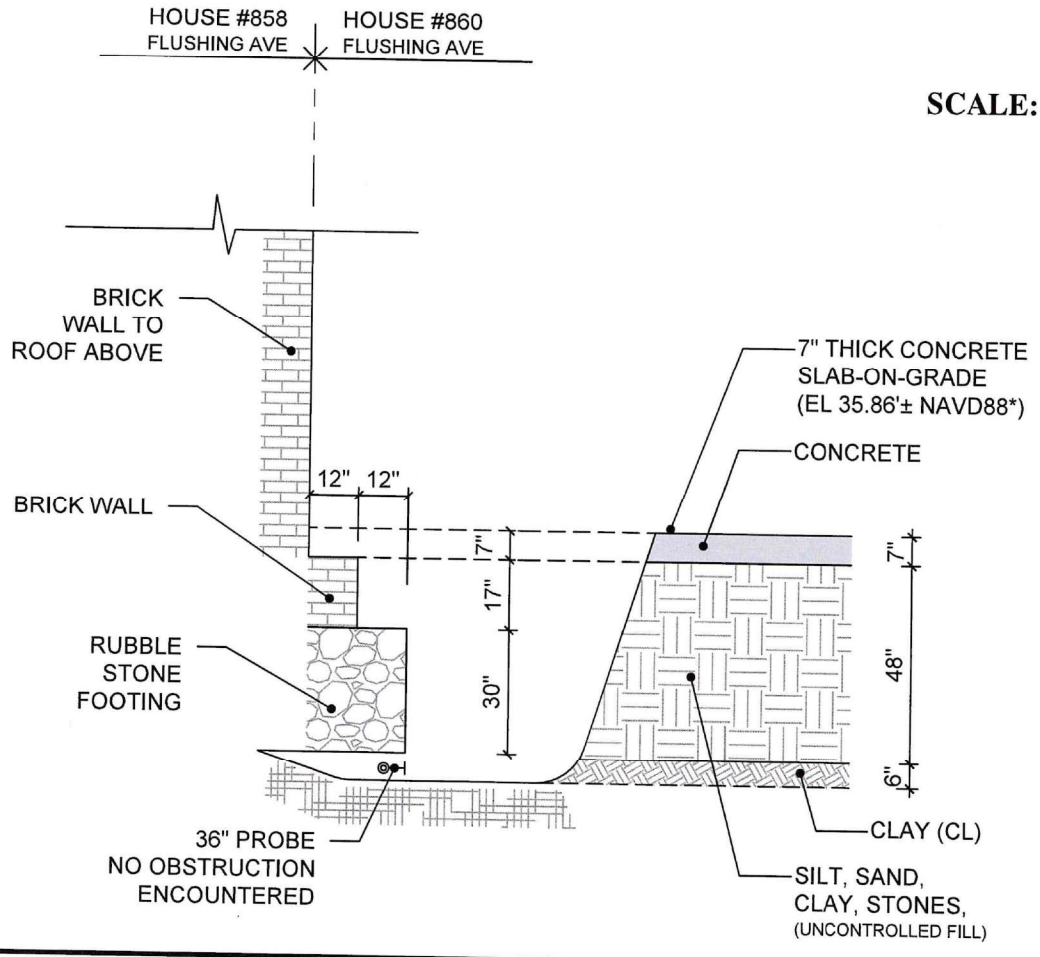
PLAN





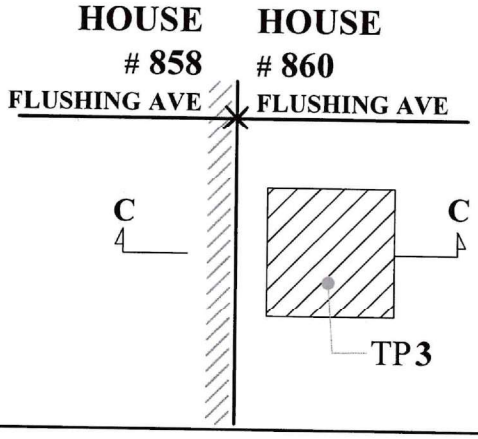
* GROUND ELEVATION INTERPOLATED FROM ARCHITECTURAL SURVEY PREPARED FOR THIS SITE BY KABA SURVEYING DATED FEB. 05,2025 AND SIGNED AND SEALED BY JAROSLAW W. KRAWCZYK (LIC # 050750)

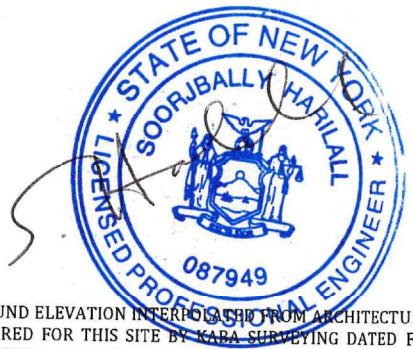
SECTION B-B



Project Name:	860 FLUSHING AVENUE BROOKLYN	**Groundwater:**	NO GROUNDWATER ENCOUNTERED
Client Name:	B MANGEMENT	**Excavation:**	MECHANICAL
Date of Inspection:	05/09/2025	**Log of Test-Pit:**	TP3

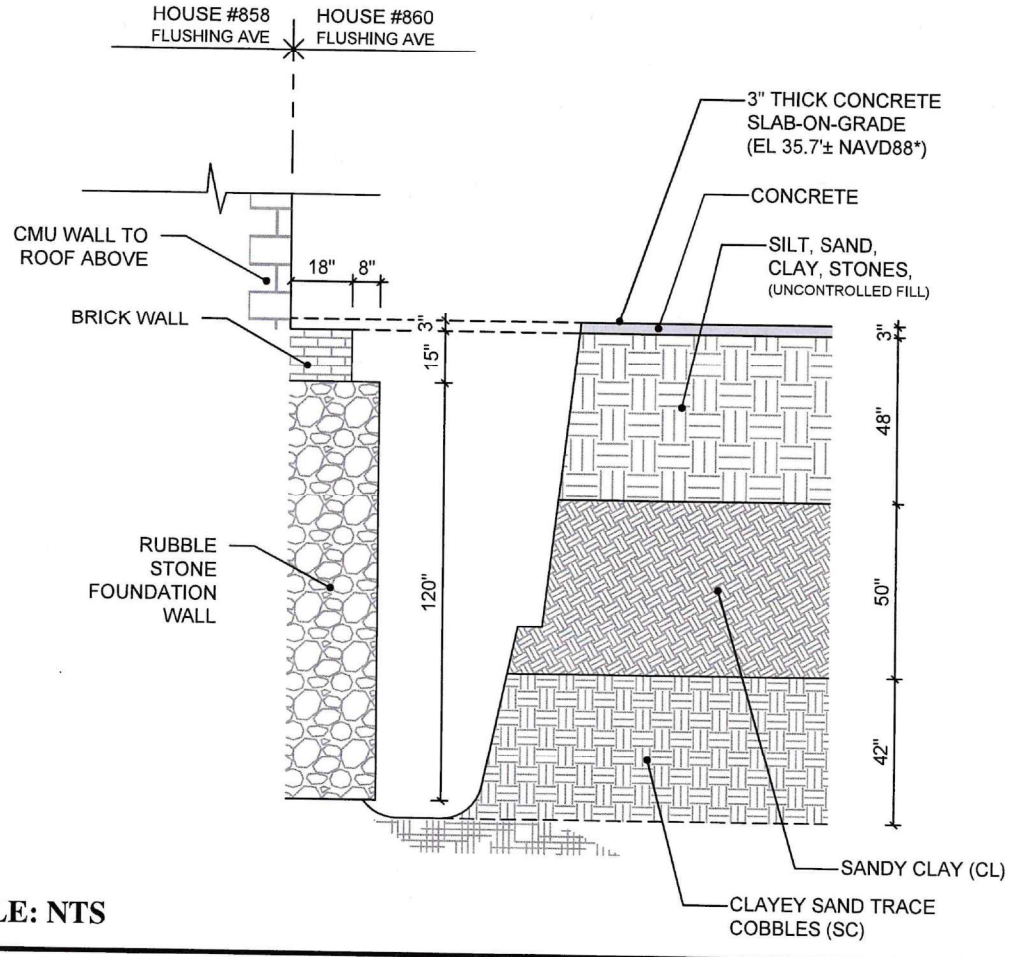
PLAN





* GROUND ELEVATION INTERPOLATED FROM ARCHITECTURAL SURVEY PREPARED FOR THIS SITE BY KABA SURVEYING DATED FEB. 05,2025 AND SIGNED AND SEALED BY JAROSLAW W. KRAWCZYK (LIC # 050750)

SECTION C-C



SCALE: NTS

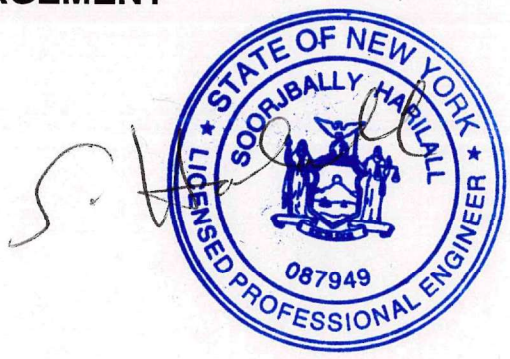
CERTERRA
BIG APPLE GROUP

Materially Better™

TEST PIT INVESTIGATION REPORT

PROJECT: **860 FLUSHING AVENUE BROOKLYN**

PREPARED FOR: **B MANAGEMENT**



NEW TEST PIT LOCATIONS

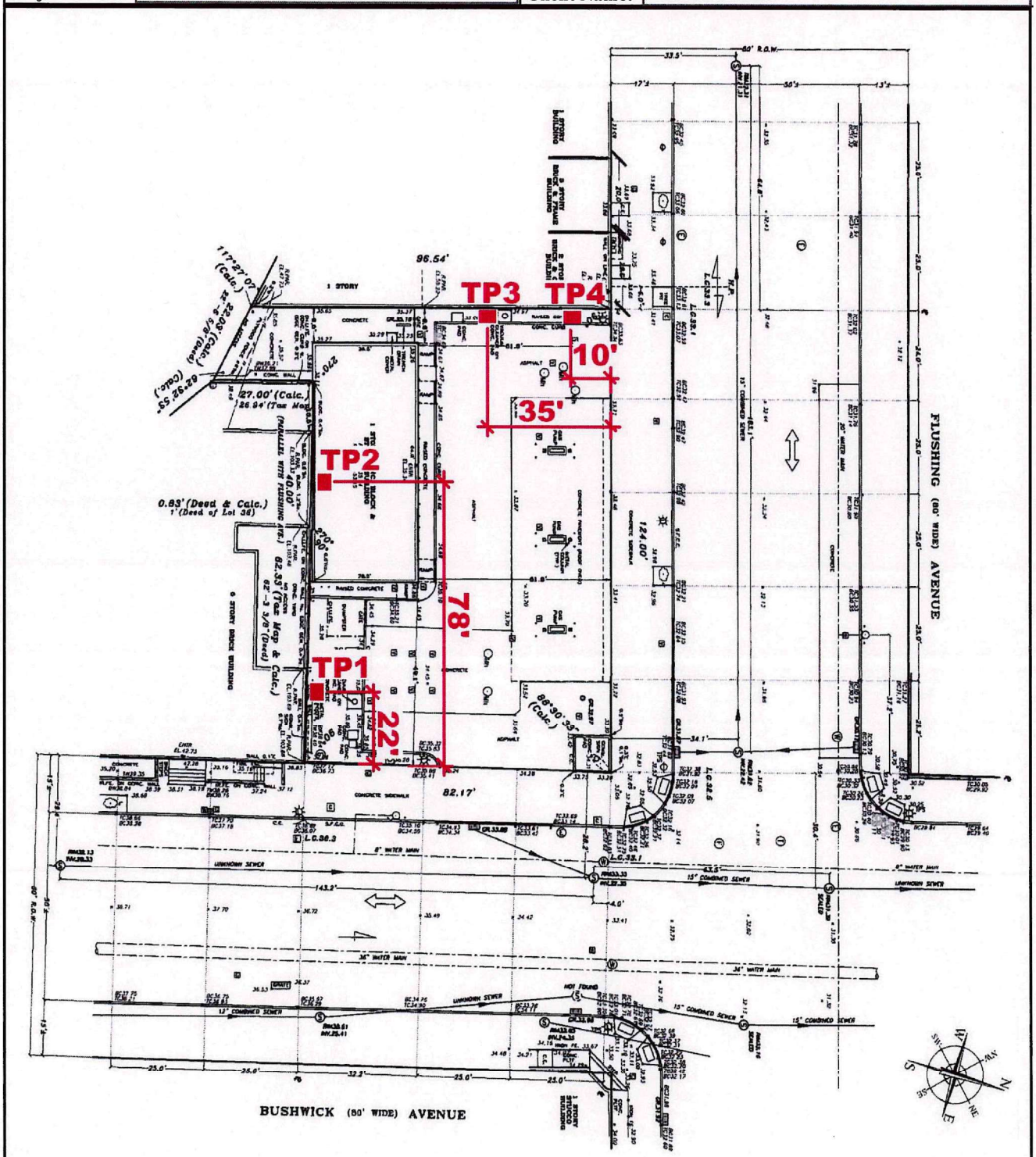
REVISED TP3, TP4
09/15/2025

CERTERRA
BIG APPLE GROUP

Materially Better™

TEST PIT INVESTIGATION REPORT

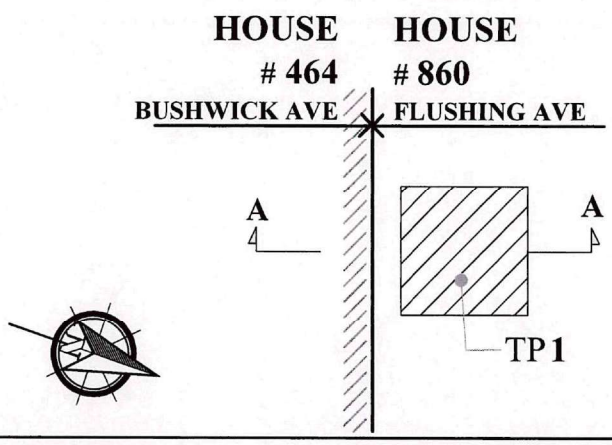
Project Name:	860 FLUSHING AVENUE BROOKLYN	Client Name:	B MANAGEMENT

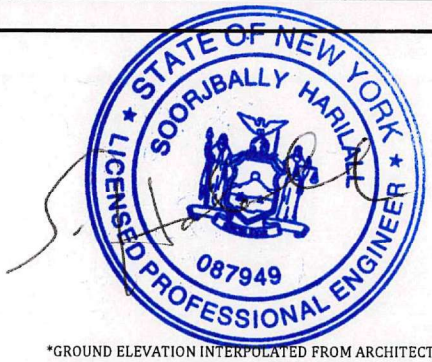


SCALE: NTS

Project Name:	860 FLUSHING AVENUE BROOKLYN	**Groundwater:**	NO GROUNDWATER ENCOUNTERED
Client Name:	B MANAGEMENT	**Excavation:**	MECHANICAL
Date of Inspection:	08/19/2025	**Log of Test-Pit:**	TP1

PLAN

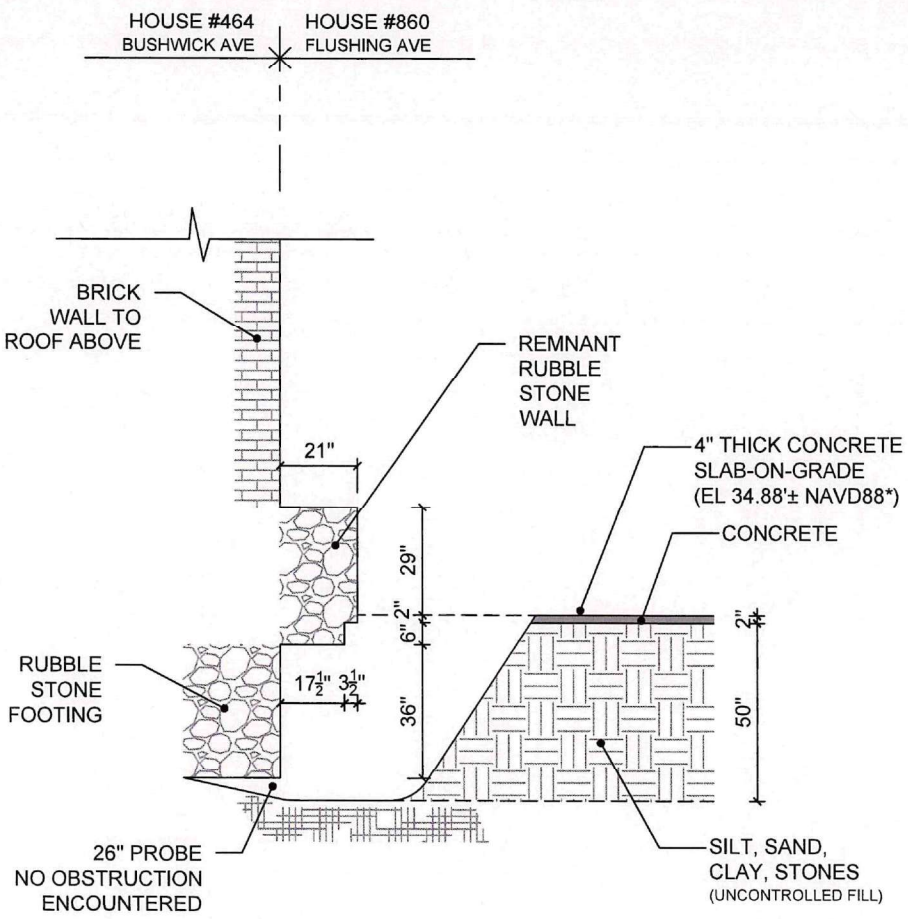




*GROUND ELEVATION INTERPOLATED FROM ARCHITECTURAL SURVEY PREPARED FOR THIS SITE BY LEONARD J. STRANDBERG AND ASSOCIATES, CONSULTING ENGINEERS AND LAND SURVEYORS, P.C.
DATED MARCH 21, 2025
SIGNED AND SEALED BY ALEXANDER TSUKERMAN (LIC # 050189)

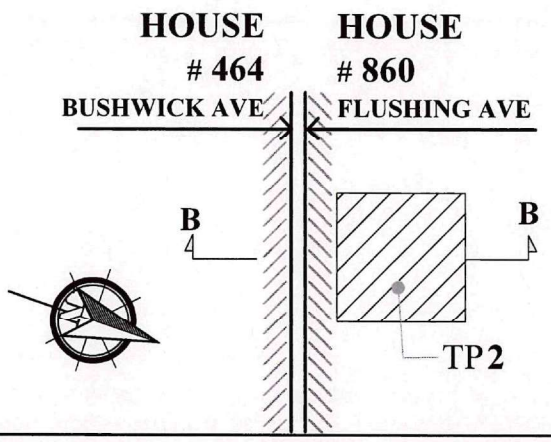
A-A

SCALE: NTS



Project Name:	860 FLUSHING AVENUE BROOKLYN	**Groundwater:**	NO GROUNDWATER ENCOUNTERED
Client Name:	B MANAGEMENT	**Excavation:**	MANUAL
Date of Inspection:	08/22/2025	**Log of Test-Pit:**	TP2

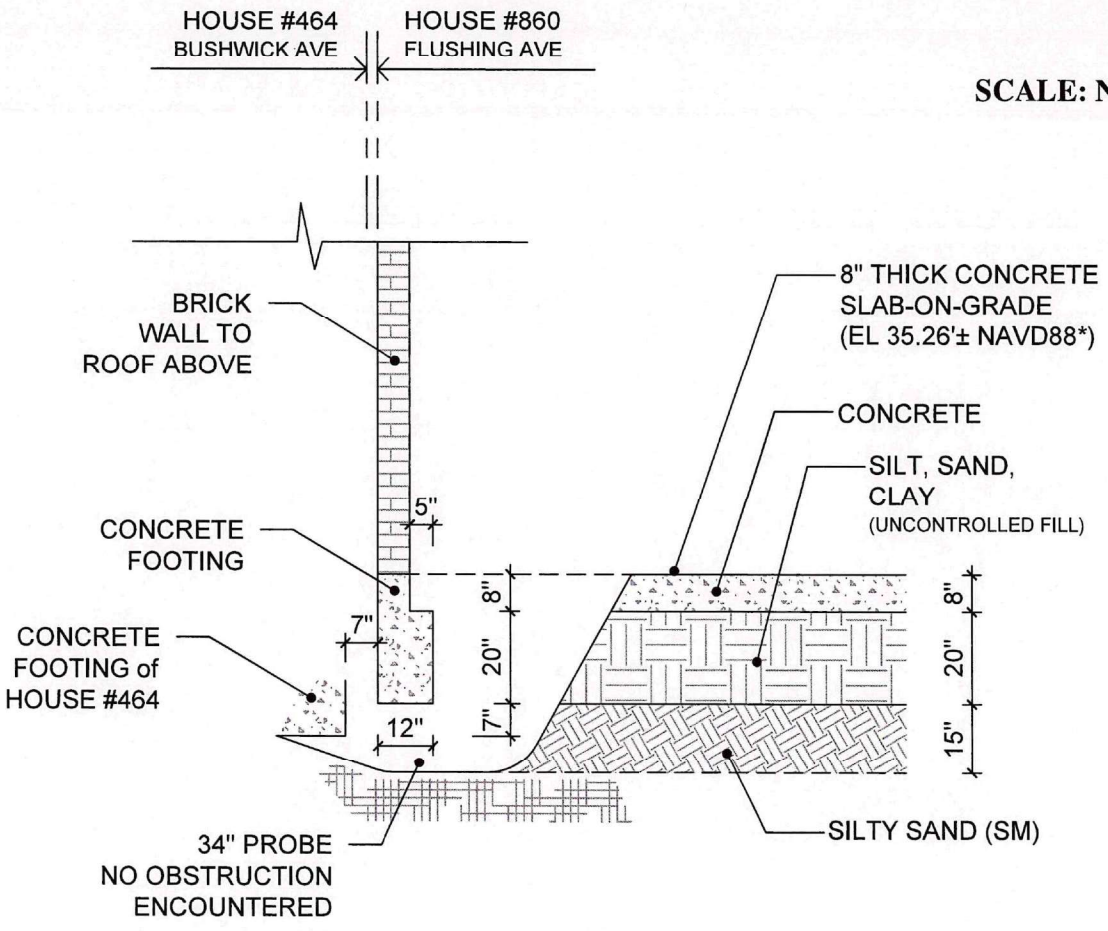
PLAN





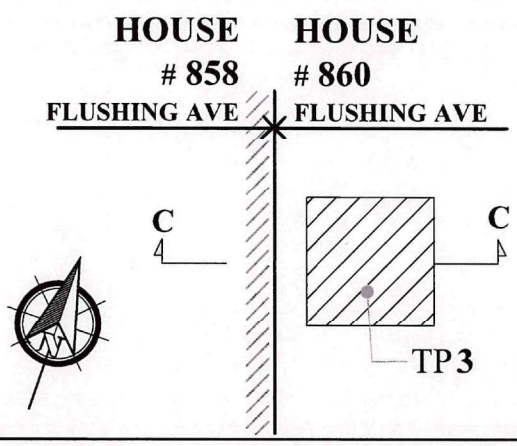
*GROUND ELEVATION INTERPOLATED FROM ARCHITECTURAL SURVEY PREPARED FOR THIS SITE BY LEONARD J. STRANDBERG AND ASSOCIATES, CONSULTING ENGINEERS AND LAND SURVEYORS, P.C.
DATED MARCH 21, 2025
SIGNED AND SEALED BY ALEXANDER TSUKERMAN (LIC # 050189)

SECTION B-B



Project Name:	860 FLUSHING AVENUE BROOKLYN	**Groundwater:**	NO GROUNDWATER ENCOUNTERED
Client Name:	B MANAGEMENT	**Excavation:**	MECHANICAL
Date of Inspection:	08/20/2025	**Log of Test-Pit:**	TP3

PLAN

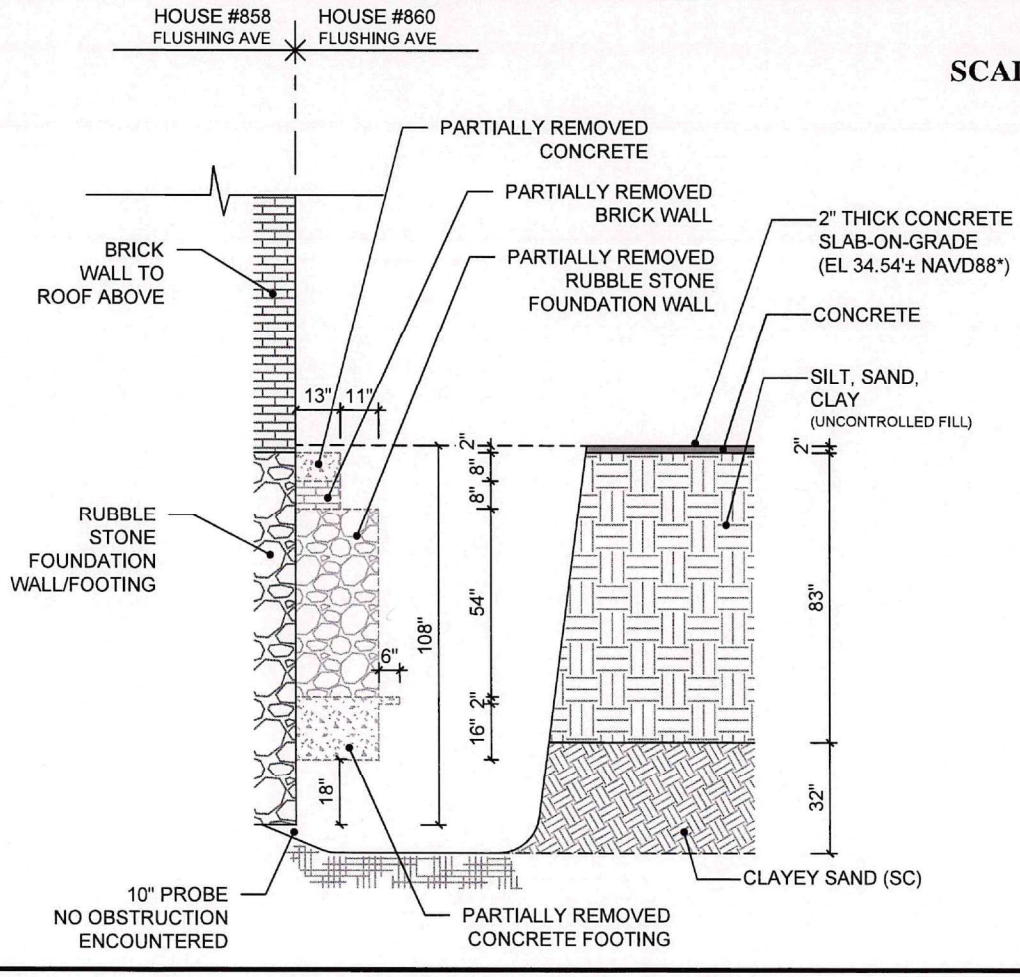




*GROUND ELEVATION INTERPOLATED FROM ARCHITECTURAL SURVEY PREPARED FOR THIS SITE BY LEONARD J. STRANDBERG AND ASSOCIATES, CONSULTING ENGINEERS AND LAND SURVEYORS, P.C.
DATED MARCH 21, 2025
SIGNED AND SEALED BY ALEXANDER TSUKERMAN (LIC # 050189)

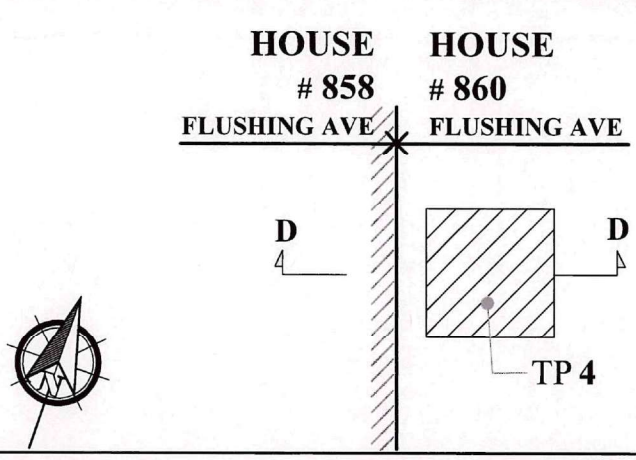
SECTION C-C

SCALE: NTS



Project Name:	860 FLUSHING AVENUE BROOKLYN	**Groundwater:**	ACCUMULATION OF WATER IN TEST PIT
Client Name:	B MANAGEMENT	**Excavation:**	MECHANICAL
Date of Inspection:	08/19/2025	**Log of Test-Pit:**	TP4

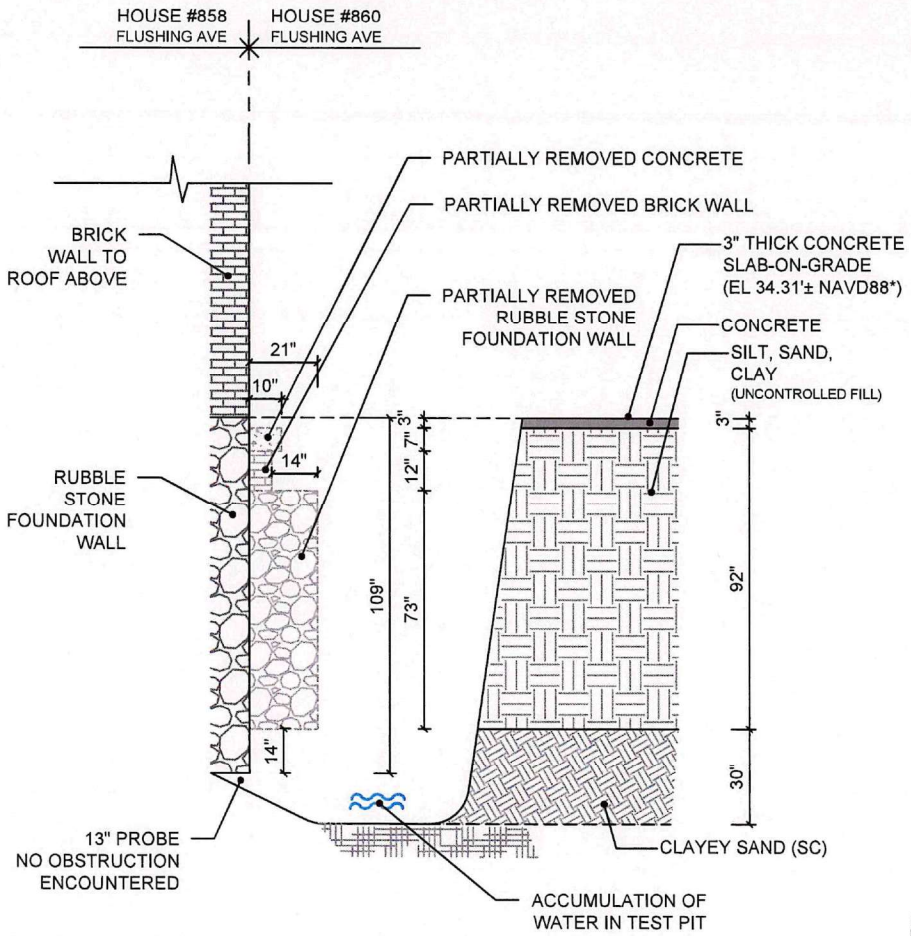
PLAN





*GROUND ELEVATION INTERPOLATED FROM ARCHITECTURAL SURVEY PREPARED FOR THIS SITE BY LEONARD J. STRANDBERG AND ASSOCIATES, CONSULTING ENGINEERS AND LAND SURVEYORS, P.C.
DATED MARCH 21, 2025
SIGNED AND SEALED BY ALEXANDER TSUKERMAN (LIC # 050189)

SECTION D-D



SCALE: NTS

ATTACHMENT E
June 22, 2026, Pilot Test Blower Specifications

GAST MANUFACTURING, INC.
A Unit of IDEX Corporation
Post Office Box 97
Benton Harbor, Michigan
Ph: 269/926-6171
Fax: 269/925-8288

PART NUMBER: LTD180

REV. C

Product Specifications

MODEL NUMBER	MOTOR SPECIFICATIONS	RPM	MAX VAC		MAX PRESS		HP	kW	NET WT.	
			"H_2O	mbar	"H_2O	mbar			lbs.	kg
R5325R-50	208-230/460-60-3	3450	60	149	65	162	2.0	1.49	75	34
	190-220/380-415-50-3	2850	47	117	50	125	1.5	1.12		

SOUND LEVEL 75/73 dB(A) MAX. @ 60/50 Hz

NORMAL AMBIENT -29°C TO 40°C

RELATIVE HUMIDITY 0% - 100% NON CONDENSING

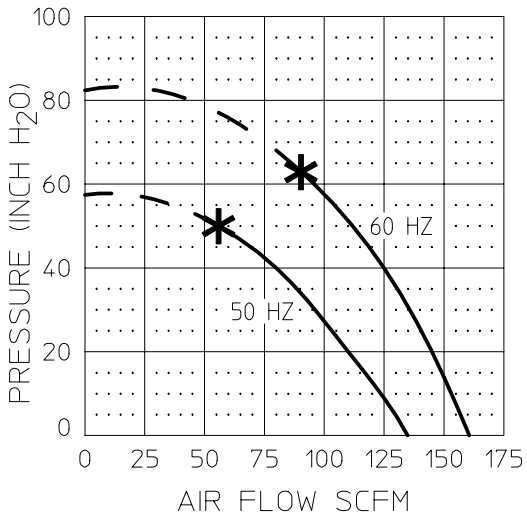
ENVIRONMENT CLEAN DUST FREE

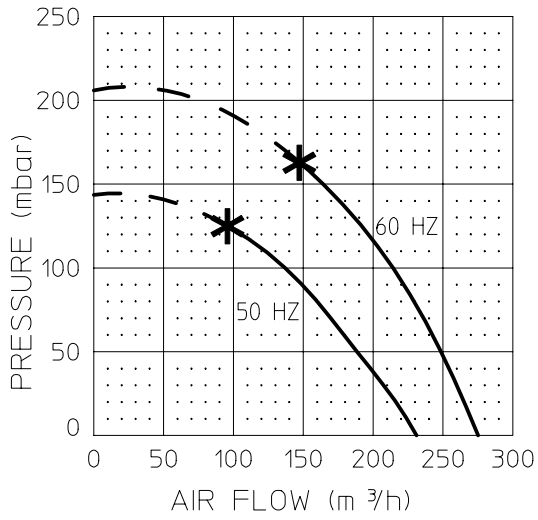
UL AND CSA APPROVED MOTOR FOR EXPLOSIVE GAS ATMOSPHERES CLASS 1, GROUP D. CLASS 2, GROUP F AND G.

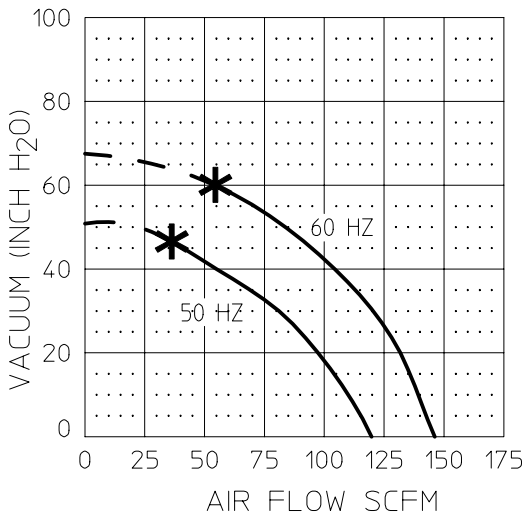
THIS BLOWER IS DESIGNED FOR SOIL AND GROUND WATER REMEDIATION.

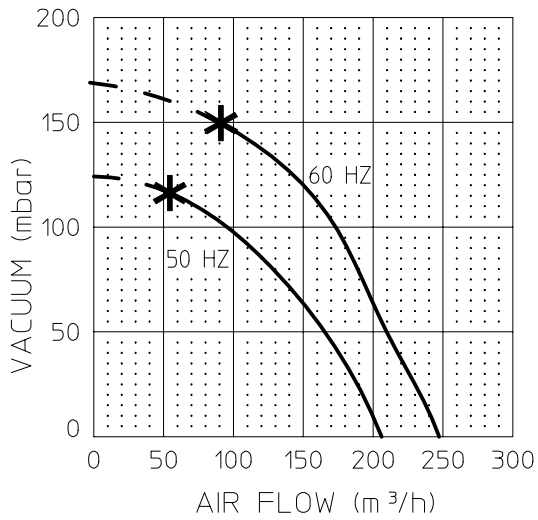
TECHNICAL DATA SUBJECT TO CHANGE WITHOUT NOTICE.

Product Performance









PERFORMANCE DATA
THE PERFORMANCE DATA SHOWN WAS DETERMINED UNDER THE FOLLOWING CONDITIONS:

LINE VOLTAGE @ 60 Hz. 230V OR 460V FOR 3 PHASE UNITS. 115V OR 230V FOR 1 PHASE UNITS.

LINE VOLTAGE @ 50 Hz. 220V FOR 3 PHASE OR 1 PHASE UNITS.

UNITS IN A TEMPERATURE STABLE CONDITION.

DELIVERY MEASUREMENTS MADE WITH OUTPUT PORT THROTTLED.

SUCTION MEASUREMENTS MADE WITH INPUT PORT THROTTLED.

TEST CONDITIONS: INLET AIR DENSITY @ 0.075 lbs. per cu. ft. [20°C (68°F), 29.92" Hg (14.7 PSIA)].

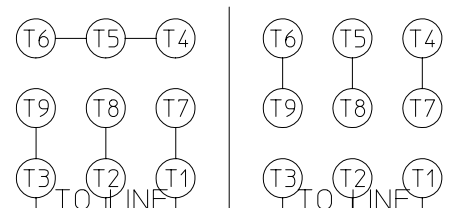
NORMAL PERFORMANCE VARIATIONS ON THE RISISTANCE CURVE WITHIN ±10% OF SUPPLIED DATA CAN BE EXPECTED.

✱ = RECOMMENDED MAXIMUM DUTY
— — — INTERMITTENT DUTY ONLY

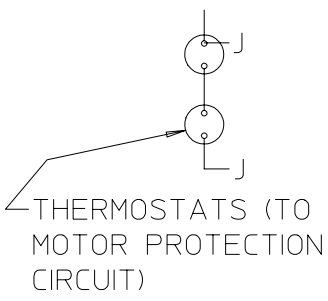
Product Dimensions

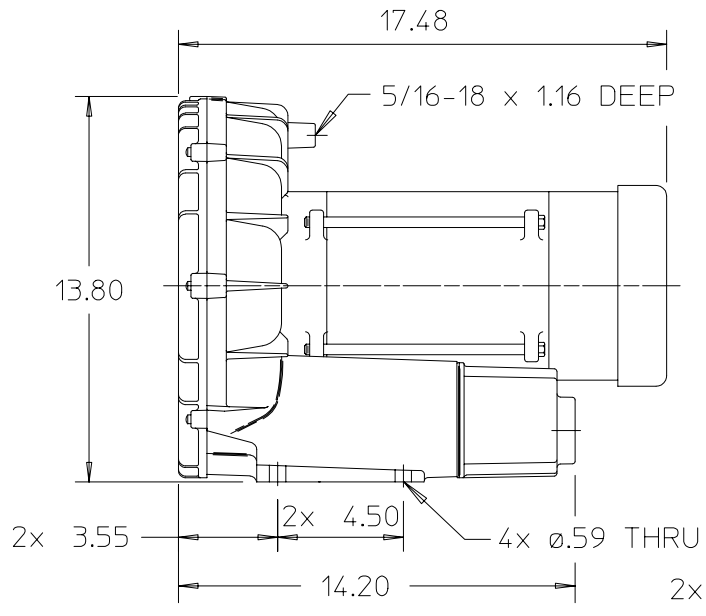
inches

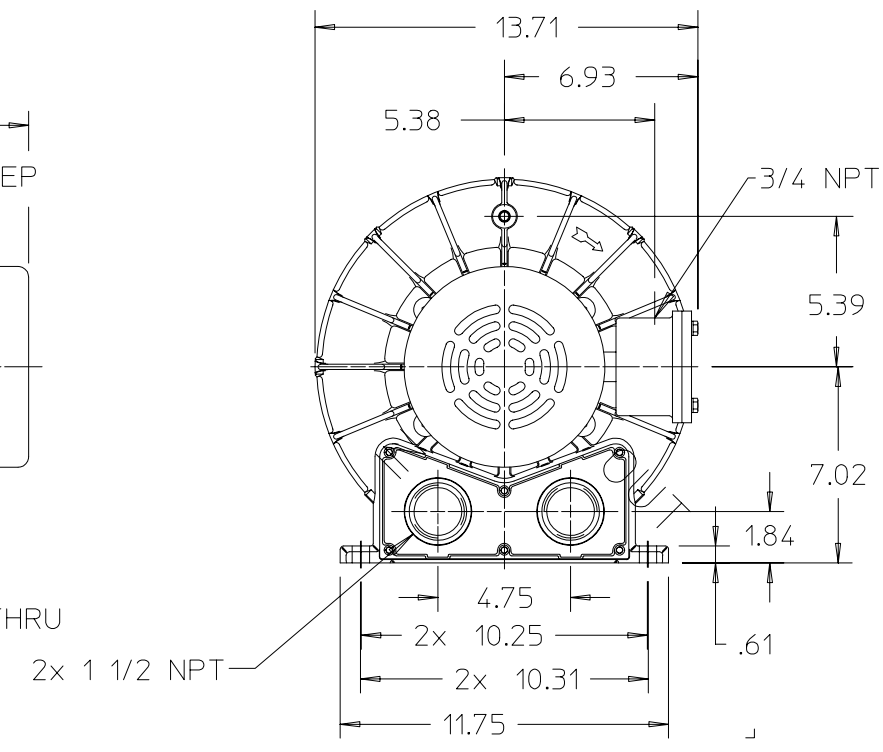
MOTOR WIRING DIAGRAM



3 PHASE NINE LEAD MOTOR







ATTACHMENT C

CONFIRMATION SAMPLE ANALYTICAL LABORATORY REPORTS

HALEY ALDRICH

ANALYTICAL REPORT

Lab Number:	L2641792
Client:	Haley & Aldrich 213 West 35th Street 7th Floor New York, NY 10123
ATTN:	Luke McCartney
Phone:	(646) 568-9357
Project Name:	860 FLUSHING AVENUE
Project Number:	0211437-000-006-08
Report Date:	07/13/26

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

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08

Lab Number: L2641792
Report Date: 07/13/26

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2641792-01	EP-01_10	SOIL	BROOKLYN, NY	07/02/26 08:30	07/02/26
L2641792-02	EP-02_10	SOIL	BROOKLYN, NY	07/02/26 08:45	07/02/26
L2641792-03	EP-03_10	SOIL	BROOKLYN, NY	07/02/26 08:15	07/02/26
L2641792-04	EP-04_10	SOIL	BROOKLYN, NY	07/02/26 07:45	07/02/26
L2641792-05	EP-06_10	SOIL	BROOKLYN, NY	07/02/26 09:15	07/02/26
L2641792-06	FIELD BLANK_20260702	WATER	BROOKLYN, NY	07/02/26 07:30	07/02/26
L2641792-07	TRIP BLANK_20260702	SOIL	BROOKLYN, NY	07/02/26 00:00	07/02/26

Project Name:	860 FLUSHING AVENUE	**Lab Number:**	L2641792
Project Number:	0211437-000-006-08	**Report Date:**	07/13/26

Case Narrative

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

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

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

Please contact Project Management at 800-624-9220 with any questions.

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

Case Narrative (continued)

Report Submission

July 13, 2026: This final report includes the results of all requested analyses.

July 09, 2026: This is a preliminary report.

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

Sample Receipt

L2641792-06: The analyses of 1,4 Dioxane via EPA 8270C-SIM, TCL PCBs - EPA 8082A (RVT), and TCL Pesticides - EPA 8081B (RVT) were requested on the Chain of Custody; however, sample containers were not received.

Perfluorinated Alkyl Acids by 1633

WG2238573-1: The Extracted Internal Standard recovery was above the acceptance criteria for perfluoro[1,2,3,4,6-13c5]hexanoic acid (m5pfhxa) (131%). Since the method blank was non-detect to the RL for all associated target analytes, re-analysis was not required.

Total Metals

L2641792-01 through -05: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

Cyanide, Total

The WG2237807-3 LCSD recovery associated with L2641792-01 through -05 is outside our in-house acceptance criteria for cyanide, total (63%), but within the vendor-certified acceptance limits. The results of the original analysis are reported.

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

Authorized Signature: Cristin Walker

Title: Technical Director/Representative Date: 07/13/26

QC OUTLIER SUMMARY REPORT

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08

Lab Number: L2641792
Report Date: 07/13/26

Method	Client ID (Native ID)	Lab ID	Parameter	QC Type	Recovery/RPD (%)	QC Limits (%)	Associated Samples	Data Quality Assessment
Volatile Organics by EPA 5035 High/8260 - Westborough Lab								
8260D	Batch QC	WG2239145-3	Chloromethane	LCS	140	52-130	03	potential high bias
Volatile Organics by EPA 5035/8260 Low - Westborough Lab								
8260D	Batch QC	WG2239141-3	Chloromethane	LCS	140	52-130	01	potential high bias
8260D	Batch QC	WG2239297-3	Chloromethane	LCS	136	52-130	07	potential high bias
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab								
1633A	Laboratory Method Bl	WG2238573-1	Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	Surrogate	131	40-130	-	- - not applicable - -
Semivolatile Organics by GC/MS - Westborough Lab								
8270E	Batch QC	WG2237026-2	4-Nitrophenol	LCS	121	11-114	01-05	potential high bias
8270E	Batch QC	WG2237026-2	Phenol	LCS	97	26-90	01-05	potential high bias
8270E	Batch QC	WG2237026-3	p-Chloro-m-cresol	LCSD	105	26-103	01-05	potential high bias
8270E	Batch QC	WG2237026-3	4-Nitrophenol	LCSD	128	11-114	01-05	potential high bias
8270E	Batch QC	WG2237026-3	Phenol	LCSD	102	26-90	01-05	potential high bias
8270E	Batch QC	WG2237054-3	3,3'-Dichlorobenzidine	LCSD	46	40-140	06	non-directional bias
8270E	Batch QC	WG2237054-3	2,4-Dinitrotoluene	LCSD	35	48-143	06	non-directional bias
8270E	Batch QC	WG2237054-3	2,6-Dinitrotoluene	LCSD	37	40-140	06	non-directional bias
8270E	Batch QC	WG2237054-3	Fluoranthene	LCSD	31	40-140	06	non-directional bias
8270E	Batch QC	WG2237054-3	4-Bromophenyl phenyl ether	LCSD	31	40-140	06	non-directional bias
8270E	Batch QC	WG2237054-3	NDPA/DPA	LCSD	43	40-140	06	non-directional bias
8270E	Batch QC	WG2237054-3	Bis(2-ethylhexyl)phthalate	LCSD	34	40-140	06	non-directional bias
8270E	Batch QC	WG2237054-3	Di-n-butylphthalate	LCSD	34	40-140	06	non-directional bias
8270E	Batch QC	WG2237054-3	Diethyl phthalate	LCSD	31	40-140	06	non-directional bias
8270E	Batch QC	WG2237054-3	Dimethyl phthalate	LCSD	32	40-140	06	non-directional bias
8270E	Batch QC	WG2237054-3	Benzo(a)anthracene	LCSD	31	40-140	06	non-directional bias
8270E	Batch QC	WG2237054-3	Benzo(a)pyrene	LCSD	31	40-140	06	non-directional bias
8270E	Batch QC	WG2237054-3	Anthracene	LCSD	31	40-140	06	non-directional bias
8270E	Batch QC	WG2237054-3	Indeno(1,2,3-cd)pyrene	LCSD	31	40-140	06	non-directional bias
8270E	Batch QC	WG2237054-3	2-Nitroaniline	LCSD	36	52-143	06	non-directional bias

QC OUTLIER SUMMARY REPORT

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08

Lab Number: L2641792
Report Date: 07/13/26

Method	Client ID (Native ID)	Lab ID	Parameter	QC Type	Recovery/RPD (%)	QC Limits (%)	Associated Samples	Data Quality Assessment
8270E	Batch QC	WG2237054-3	2,4,6-Trichlorophenol	LCSD	33	30-130	06	non-directional bias
8270E	Batch QC	WG2237054-3	Pentachlorophenol	LCSD	35	9-103	06	non-directional bias
8270E	Batch QC	WG2237054-3	2,4,5-Trichlorophenol	LCSD	32	30-130	06	non-directional bias
8270E	Batch QC	WG2237054-3	Carbazole	LCSD	32	55-144	06	non-directional bias
Semivolatile Organics by GC/MS-SIM - Westborough Lab								
8270E-SIM	Batch QC	WG2237055-3	Hexachlorobutadiene	LCSD	38	40-140	06	potential low bias
Total Metals - Mansfield Lab								
6010D	Batch QC (L2641628-03)	WG2238348-3	Aluminum, Total	MS	0	75-125	01-05	potential low bias
6010D	Batch QC (L2641628-03)	WG2238348-3	Antimony, Total	MS	41	75-125	01-05	potential low bias
6010D	Batch QC (L2641628-03)	WG2238348-3	Arsenic, Total	MS	68	75-125	01-05	potential low bias
6010D	Batch QC (L2641628-03)	WG2238348-3	Iron, Total	MS	0	75-125	01-05	potential low bias
6010D	Batch QC (L2641628-03)	WG2238348-3	Magnesium, Total	MS	74	75-125	01-05	potential low bias
6010D	Batch QC (L2641628-03)	WG2238348-3	Manganese, Total	MS	387	75-125	01-05	potential high bias
6010D	Batch QC (L2641628-03)	WG2238348-3	Selenium, Total	MS	47	75-125	01-05	potential low bias
6010D	Batch QC (L2641628-03)	WG2238348-4	Chromium, Total	Duplicate	70	NA	01-05	non-directional bias
6020B	Batch QC (L2639966-02)	WG2238159-4	Calcium, Total	MSD	128	75-125	06	potential high bias
General Chemistry - Westborough Lab								
9010C/9012B	Batch QC	WG2237807-3	Cyanide, Total	LCSD	63	80-120	01-05	potential low bias

ORGANICS

VOLATILES

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-01
Client ID: EP-01_10
Sample Location: BROOKLYN, NY
Date Collected: 07/02/26 08:30
Date Received: 07/02/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/09/26 04:02
Analyst: MNF
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035/8260 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.8	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.97	0.14	1
Chloroform	ND		ug/kg	1.4	0.14	1
Carbon tetrachloride	ND		ug/kg	0.97	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.97	0.12	1
Dibromochloromethane	ND		ug/kg	0.97	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.97	0.26	1
Tetrachloroethene	ND		ug/kg	0.48	0.19	1
Chlorobenzene	ND		ug/kg	0.48	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.9	0.67	1
1,2-Dichloroethane	ND		ug/kg	0.97	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.48	0.16	1
Bromodichloromethane	ND		ug/kg	0.48	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.97	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.48	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.48	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.48	0.15	1
Bromoform	ND		ug/kg	3.9	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.48	0.16	1
Benzene	ND		ug/kg	0.48	0.16	1
Toluene	ND		ug/kg	0.97	0.53	1
Ethylbenzene	ND		ug/kg	0.97	0.14	1
Chloromethane	ND		ug/kg	3.9	0.90	1
Bromomethane	ND		ug/kg	1.9	0.56	1
Vinyl chloride	ND		ug/kg	0.97	0.32	1
Chloroethane	ND		ug/kg	1.9	0.44	1
1,1-Dichloroethene	ND		ug/kg	0.97	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: 860 FLUSHING AVENUE **Lab Number:** L2641792

Project Number: 0211437-000-006-08 **Report Date:** 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-01 Date Collected: 07/02/26 08:30

Client ID: EP-01_10 Date Received: 07/02/26

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035/8260 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.48	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.17	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.20	1
p/m-Xylene	ND		ug/kg	1.9	0.54	1
o-Xylene	ND		ug/kg	0.97	0.28	1
Xylenes, Total	ND		ug/kg	0.97	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.97	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.97	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.23	1
Styrene	ND		ug/kg	0.97	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.7	0.89	1
Acetone	ND		ug/kg	9.7	4.7	1
Carbon disulfide	ND		ug/kg	9.7	4.4	1
2-Butanone	ND		ug/kg	9.7	2.2	1
Vinyl acetate	ND		ug/kg	9.7	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.7	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.7	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.20	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.97	0.27	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.48	0.13	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.97	0.16	1
sec-Butylbenzene	ND		ug/kg	0.97	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.97	1
Hexachlorobutadiene	ND		ug/kg	3.9	0.16	1
Isopropylbenzene	ND		ug/kg	0.97	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.97	0.10	1
Naphthalene	ND		ug/kg	3.9	0.63	1
Acrylonitrile	ND		ug/kg	3.9	1.1	1

Project Name: 860 FLUSHING AVENUE
Lab Number: L2641792
Project Number: 0211437-000-006-08
Report Date: 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-01
Client ID: EP-01_10
Sample Location: BROOKLYN, NY
Date Collected: 07/02/26 08:30
Date Received: 07/02/26
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035/8260 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.97	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.32	1
1,4-Dioxane	ND		ug/kg	78	34.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.17	1
p-Ethyltoluene	ND		ug/kg	1.9	0.37	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.33	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.8	1.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	108		70-130

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-02
Client ID: EP-02_10
Sample Location: BROOKLYN, NY
Date Collected: 07/02/26 08:45
Date Received: 07/02/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/06/26 11:02
Analyst: AJK
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035/8260 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.5	2.0	1
1,1-Dichloroethane	ND		ug/kg	0.90	0.13	1
Chloroform	ND		ug/kg	1.3	0.12	1
Carbon tetrachloride	ND		ug/kg	0.90	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.90	0.11	1
Dibromochloromethane	ND		ug/kg	0.90	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.90	0.24	1
Tetrachloroethene	ND		ug/kg	0.45	0.18	1
Chlorobenzene	ND		ug/kg	0.45	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.6	0.62	1
1,2-Dichloroethane	ND		ug/kg	0.90	0.23	1
1,1,1-Trichloroethane	ND		ug/kg	0.45	0.15	1
Bromodichloromethane	ND		ug/kg	0.45	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.90	0.24	1
cis-1,3-Dichloropropene	ND		ug/kg	0.45	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	0.45	0.14	1
1,1-Dichloropropene	ND		ug/kg	0.45	0.14	1
Bromoform	ND		ug/kg	3.6	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.45	0.15	1
Benzene	ND		ug/kg	0.45	0.15	1
Toluene	ND		ug/kg	0.90	0.49	1
Ethylbenzene	ND		ug/kg	0.90	0.13	1
Chloromethane	ND		ug/kg	3.6	0.84	1
Bromomethane	ND		ug/kg	1.8	0.52	1
Vinyl chloride	ND		ug/kg	0.90	0.30	1
Chloroethane	ND		ug/kg	1.8	0.41	1
1,1-Dichloroethene	ND		ug/kg	0.90	0.21	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.12	1

Project Name: 860 FLUSHING AVENUE **Lab Number:** L2641792

Project Number: 0211437-000-006-08 **Report Date:** 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-02 Date Collected: 07/02/26 08:45

Client ID: EP-02_10 Date Received: 07/02/26

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035/8260 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.45	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.15	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	ND		ug/kg	1.8	0.50	1
o-Xylene	ND		ug/kg	0.90	0.26	1
Xylenes, Total	ND		ug/kg	0.90	0.26	1
cis-1,2-Dichloroethene	ND		ug/kg	0.90	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.90	0.12	1
Dibromomethane	ND		ug/kg	1.8	0.21	1
Styrene	ND		ug/kg	0.90	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.0	0.82	1
Acetone	ND		ug/kg	9.0	4.3	1
Carbon disulfide	ND		ug/kg	9.0	4.1	1
2-Butanone	ND		ug/kg	9.0	2.0	1
Vinyl acetate	ND		ug/kg	9.0	1.9	1
4-Methyl-2-pentanone	ND		ug/kg	9.0	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.8	0.11	1
2-Hexanone	ND		ug/kg	9.0	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.18	1
2,2-Dichloropropane	ND		ug/kg	1.8	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.90	0.25	1
1,3-Dichloropropane	ND		ug/kg	1.8	0.15	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.45	0.12	1
Bromobenzene	ND		ug/kg	1.8	0.13	1
n-Butylbenzene	ND		ug/kg	0.90	0.15	1
sec-Butylbenzene	ND		ug/kg	0.90	0.13	1
tert-Butylbenzene	ND		ug/kg	1.8	0.11	1
o-Chlorotoluene	ND		ug/kg	1.8	0.17	1
p-Chlorotoluene	ND		ug/kg	1.8	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.7	0.90	1
Hexachlorobutadiene	ND		ug/kg	3.6	0.15	1
Isopropylbenzene	ND		ug/kg	0.90	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.90	0.10	1
Naphthalene	ND		ug/kg	3.6	0.58	1
Acrylonitrile	ND		ug/kg	3.6	1.0	1

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-02
Client ID: EP-02_10
Sample Location: BROOKLYN, NY
Date Collected: 07/02/26 08:45
Date Received: 07/02/26
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035/8260 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.90	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.29	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.24	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	0.17	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	0.30	1
1,4-Dioxane	ND		ug/kg	72	32.	1
p-Diethylbenzene	ND		ug/kg	1.8	0.16	1
p-Ethyltoluene	ND		ug/kg	1.8	0.34	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.8	0.17	1
Ethyl ether	ND		ug/kg	1.8	0.31	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.5	1.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	83		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	94		70-130

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-03
Client ID: EP-03_10
Sample Location: BROOKLYN, NY
Date Collected: 07/02/26 08:15
Date Received: 07/02/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/06/26 11:25
Analyst: AJK
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035/8260 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.3	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	ND		ug/kg	0.53	0.21	1
Chlorobenzene	ND		ug/kg	0.53	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.2	0.73	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.53	0.18	1
Bromodichloromethane	ND		ug/kg	0.53	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.53	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.53	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.53	0.17	1
Bromoform	ND		ug/kg	4.2	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.53	0.18	1
Benzene	ND		ug/kg	0.53	0.18	1
Toluene	ND		ug/kg	1.0	0.57	1
Ethylbenzene	160		ug/kg	1.0	0.15	1
Chloromethane	ND		ug/kg	4.2	0.98	1
Bromomethane	ND		ug/kg	2.1	0.61	1
Vinyl chloride	ND		ug/kg	1.0	0.35	1
Chloroethane	ND		ug/kg	2.1	0.48	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1

Project Name: 860 FLUSHING AVENUE **Lab Number:** L2641792

Project Number: 0211437-000-006-08 **Report Date:** 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-03 Date Collected: 07/02/26 08:15

Client ID: EP-03_10 Date Received: 07/02/26

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035/8260 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.53	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	100		ug/kg	2.1	0.59	1
o-Xylene	1.5		ug/kg	1.0	0.31	1
Xylenes, Total	100		ug/kg	1.0	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.1	0.25	1
Styrene	ND		ug/kg	1.0	0.21	1
Dichlorodifluoromethane	ND		ug/kg	10	0.97	1
Acetone	35		ug/kg	10	5.1	1
Carbon disulfide	ND		ug/kg	10	4.8	1
2-Butanone	2.3	J	ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.53	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	14		ug/kg	1.0	0.18	1
sec-Butylbenzene	6.2		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.2	0.18	1
Isopropylbenzene	18		ug/kg	1.0	0.12	1
p-Isopropyltoluene	2.5		ug/kg	1.0	0.12	1
Naphthalene	86		ug/kg	4.2	0.69	1
Acrylonitrile	ND		ug/kg	4.2	1.2	1

Project Name: 860 FLUSHING AVENUE
Lab Number: L2641792
Project Number: 0211437-000-006-08
Report Date: 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-03
Client ID: EP-03_10
Sample Location: BROOKLYN, NY
Date Collected: 07/02/26 08:15
Date Received: 07/02/26
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035/8260 Low - Westborough Lab						
n-Propylbenzene	66		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.29	1
1,3,5-Trimethylbenzene	48		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	440	E	ug/kg	2.1	0.35	1
1,4-Dioxane	ND		ug/kg	84	37.	1
p-Diethylbenzene	7.5		ug/kg	2.1	0.19	1
p-Ethyltoluene	120		ug/kg	2.1	0.40	1
1,2,4,5-Tetramethylbenzene	61		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.36	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.3	1.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	87		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	91		70-130

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-03
Client ID: EP-03_10
Sample Location: BROOKLYN, NY
Date Collected: 07/02/26 08:15
Date Received: 07/02/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/09/26 04:28
Analyst: MNF
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High/8260 - Westborough Lab						
1,2,4-Trimethylbenzene	2300		ug/kg	100	17.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	100		70-130

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-04
Client ID: EP-04_10
Sample Location: BROOKLYN, NY
Date Collected: 07/02/26 07:45
Date Received: 07/02/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/06/26 11:47
Analyst: AJK
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035/8260 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.4	2.0	1
1,1-Dichloroethane	ND		ug/kg	0.87	0.13	1
Chloroform	ND		ug/kg	1.3	0.12	1
Carbon tetrachloride	ND		ug/kg	0.87	0.20	1
1,2-Dichloropropane	ND		ug/kg	0.87	0.11	1
Dibromochloromethane	ND		ug/kg	0.87	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.87	0.23	1
Tetrachloroethene	ND		ug/kg	0.44	0.17	1
Chlorobenzene	ND		ug/kg	0.44	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.5	0.60	1
1,2-Dichloroethane	ND		ug/kg	0.87	0.22	1
1,1,1-Trichloroethane	ND		ug/kg	0.44	0.14	1
Bromodichloromethane	ND		ug/kg	0.44	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.87	0.24	1
cis-1,3-Dichloropropene	ND		ug/kg	0.44	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	0.44	0.14	1
1,1-Dichloropropene	ND		ug/kg	0.44	0.14	1
Bromoform	ND		ug/kg	3.5	0.21	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.44	0.14	1
Benzene	ND		ug/kg	0.44	0.14	1
Toluene	ND		ug/kg	0.87	0.47	1
Ethylbenzene	ND		ug/kg	0.87	0.12	1
Chloromethane	ND		ug/kg	3.5	0.81	1
Bromomethane	ND		ug/kg	1.7	0.51	1
Vinyl chloride	ND		ug/kg	0.87	0.29	1
Chloroethane	ND		ug/kg	1.7	0.39	1
1,1-Dichloroethene	ND		ug/kg	0.87	0.21	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.12	1

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-04
Client ID: EP-04_10
Sample Location: BROOKLYN, NY
Date Collected: 07/02/26 07:45
Date Received: 07/02/26
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035/8260 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.44	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.7	0.12	1
1,3-Dichlorobenzene	ND		ug/kg	1.7	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.7	0.15	1
Methyl tert butyl ether	ND		ug/kg	1.7	0.18	1
p/m-Xylene	ND		ug/kg	1.7	0.49	1
o-Xylene	ND		ug/kg	0.87	0.25	1
Xylenes, Total	ND		ug/kg	0.87	0.25	1
cis-1,2-Dichloroethene	ND		ug/kg	0.87	0.15	1
1,2-Dichloroethene, Total	ND		ug/kg	0.87	0.12	1
Dibromomethane	ND		ug/kg	1.7	0.21	1
Styrene	ND		ug/kg	0.87	0.17	1
Dichlorodifluoromethane	ND		ug/kg	8.7	0.80	1
Acetone	4.2	J	ug/kg	8.7	4.2	1
Carbon disulfide	ND		ug/kg	8.7	4.0	1
2-Butanone	ND		ug/kg	8.7	1.9	1
Vinyl acetate	ND		ug/kg	8.7	1.9	1
4-Methyl-2-pentanone	ND		ug/kg	8.7	1.1	1
1,2,3-Trichloropropane	ND		ug/kg	1.7	0.11	1
2-Hexanone	ND		ug/kg	8.7	1.0	1
Bromochloromethane	ND		ug/kg	1.7	0.18	1
2,2-Dichloropropane	ND		ug/kg	1.7	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.87	0.24	1
1,3-Dichloropropane	ND		ug/kg	1.7	0.14	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.44	0.11	1
Bromobenzene	ND		ug/kg	1.7	0.13	1
n-Butylbenzene	ND		ug/kg	0.87	0.14	1
sec-Butylbenzene	ND		ug/kg	0.87	0.13	1
tert-Butylbenzene	ND		ug/kg	1.7	0.10	1
o-Chlorotoluene	ND		ug/kg	1.7	0.17	1
p-Chlorotoluene	ND		ug/kg	1.7	0.09	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.6	0.87	1
Hexachlorobutadiene	ND		ug/kg	3.5	0.15	1
Isopropylbenzene	ND		ug/kg	0.87	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.87	0.10	1
Naphthalene	1.1	J	ug/kg	3.5	0.57	1
Acrylonitrile	ND		ug/kg	3.5	1.0	1

Project Name: 860 FLUSHING AVENUE
Lab Number: L2641792
Project Number: 0211437-000-006-08
Report Date: 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-04
Client ID: EP-04_10
Sample Location: BROOKLYN, NY
Date Collected: 07/02/26 07:45
Date Received: 07/02/26
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035/8260 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.87	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.7	0.28	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.7	0.24	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.7	0.17	1
1,2,4-Trimethylbenzene	0.45	J	ug/kg	1.7	0.29	1
1,4-Dioxane	ND		ug/kg	70	30.	1
p-Diethylbenzene	ND		ug/kg	1.7	0.15	1
p-Ethyltoluene	ND		ug/kg	1.7	0.33	1
1,2,4,5-Tetramethylbenzene	0.25	J	ug/kg	1.7	0.17	1
Ethyl ether	ND		ug/kg	1.7	0.30	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.4	1.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	83		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	96		70-130

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-05
Client ID: EP-06_10
Sample Location: BROOKLYN, NY
Date Collected: 07/02/26 09:15
Date Received: 07/02/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/06/26 12:09
Analyst: AJK
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035/8260 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.3	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.15	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.13	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.28	1
Tetrachloroethene	ND		ug/kg	0.53	0.21	1
Chlorobenzene	ND		ug/kg	0.53	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.2	0.74	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.53	0.18	1
Bromodichloromethane	ND		ug/kg	0.53	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.53	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.53	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.53	0.17	1
Bromoform	ND		ug/kg	4.2	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.53	0.18	1
Benzene	ND		ug/kg	0.53	0.18	1
Toluene	ND		ug/kg	1.1	0.58	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.2	0.99	1
Bromomethane	ND		ug/kg	2.1	0.62	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.1	0.48	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-05
Client ID: EP-06_10
Sample Location: BROOKLYN, NY
Date Collected: 07/02/26 09:15
Date Received: 07/02/26
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035/8260 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.53	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.59	1
o-Xylene	ND		ug/kg	1.1	0.31	1
Xylenes, Total	ND		ug/kg	1.1	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.14	1
Dibromomethane	ND		ug/kg	2.1	0.25	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	0.97	1
Acetone	ND		ug/kg	11	5.1	1
Carbon disulfide	ND		ug/kg	11	4.8	1
2-Butanone	ND		ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.13	1
2-Hexanone	ND		ug/kg	11	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.53	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.2	0.18	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	2.5	J	ug/kg	4.2	0.69	1
Acrylonitrile	ND		ug/kg	4.2	1.2	1

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-05
Client ID: EP-06_10
Sample Location: BROOKLYN, NY
Date Collected: 07/02/26 09:15
Date Received: 07/02/26
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035/8260 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.29	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.35	1
1,4-Dioxane	ND		ug/kg	85	37.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.19	1
p-Ethyltoluene	ND		ug/kg	2.1	0.41	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.36	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.3	1.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	81		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	93		70-130

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-06
Client ID: FIELD BLANK_20260702
Sample Location: BROOKLYN, NY
Date Collected: 07/02/26 07:30
Date Received: 07/02/26
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 07/08/26 14:32
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-06
Client ID: FIELD BLANK_20260702
Sample Location: BROOKLYN, NY
Date Collected: 07/02/26 07:30
Date Received: 07/02/26
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	1.6	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	1.4	J	ug/l	2.5	0.70	1

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-06
Client ID: FIELD BLANK_20260702
Sample Location: BROOKLYN, NY
Date Collected: 07/02/26 07:30
Date Received: 07/02/26
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	85		70-130
Dibromofluoromethane	112		70-130

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-07
Client ID: TRIP BLANK_20260702
Sample Location: BROOKLYN, NY
Date Collected: 07/02/26 00:00
Date Received: 07/02/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/09/26 10:01
Analyst: MNF
Percent Solids: Results Reported on an "AS RECEIVED" basis

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035/8260 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.14	1
Chloroform	0.20	J	ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.12	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.50	0.20	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.70	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17	1
Benzene	ND		ug/kg	0.50	0.17	1
Toluene	ND		ug/kg	1.0	0.54	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.93	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.45	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-07
Client ID: TRIP BLANK_20260702
Sample Location: BROOKLYN, NY
Date Collected: 07/02/26 00:00
Date Received: 07/02/26
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035/8260 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.56	1
o-Xylene	ND		ug/kg	1.0	0.29	1
Xylenes, Total	ND		ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.92	1
Acetone	ND		ug/kg	10	4.8	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	ND		ug/kg	10	2.2	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.0	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.0	0.65	1
Acrylonitrile	ND		ug/kg	4.0	1.2	1

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-07
Client ID: TRIP BLANK_20260702
Sample Location: BROOKLYN, NY
Date Collected: 07/02/26 00:00
Date Received: 07/02/26
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035/8260 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33	1
1,4-Dioxane	ND		ug/kg	80	35.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.38	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	103		70-130

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/06/26 08:26
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035/8260 Low - Westborough Lab for sample(s): 02-05 Batch: WG2238592-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	0.90	J	ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/06/26 08:26
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035/8260 Low - Westborough Lab for sample(s): 02-05 Batch: WG2238592-5					
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	0.18	J	ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	8.1	J	ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/06/26 08:26
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035/8260 Low - Westborough Lab for sample(s): 02-05 Batch: WG2238592-5					
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	0.69	J	ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	0.84	J	ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	0.84	J	ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	0.63	J	ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/06/26 08:26
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035/8260 Low - Westborough Lab for sample(s): 02-05 Batch: WG2238592-5					
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	0.28	J	ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	88		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	96		70-130

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/08/26 20:41
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035/8260 Low - Westborough Lab for sample(s): 01 Batch: WG2239141-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/08/26 20:41
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035/8260 Low - Westborough Lab for sample(s): 01 Batch: WG2239141-5					
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/08/26 20:41
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035/8260 Low - Westborough Lab for sample(s): 01 Batch: WG2239141-5					
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/08/26 20:41
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035/8260 Low - Westborough Lab for sample(s): 01 Batch: WG2239141-5					
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	99		70-130

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/08/26 20:41
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High/8260 - Westborough Lab for sample(s): 03 Batch: WG2239145-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
1,1-Dichloropropene	ND		ug/kg	25	8.0
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/08/26 20:41
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High/8260 - Westborough Lab for sample(s): 03 Batch: WG2239145-5					
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Dibromomethane	ND		ug/kg	100	12.
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
Vinyl acetate	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
1,2,3-Trichloropropane	ND		ug/kg	100	6.4
2-Hexanone	ND		ug/kg	500	59.

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/08/26 20:41
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High/8260 - Westborough Lab for sample(s): 03 Batch: WG2239145-5					
Bromochloromethane	ND		ug/kg	100	10.
2,2-Dichloropropane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,3-Dichloropropane	ND		ug/kg	100	8.4
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.6
Bromobenzene	ND		ug/kg	100	7.2
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
o-Chlorotoluene	ND		ug/kg	100	9.6
p-Chlorotoluene	ND		ug/kg	100	5.4
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Hexachlorobutadiene	ND		ug/kg	200	8.4
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
Acrylonitrile	ND		ug/kg	200	58.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
1,4-Dioxane	ND		ug/kg	4000	1800
p-Diethylbenzene	ND		ug/kg	100	8.8

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/08/26 20:41
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High/8260 - Westborough Lab for sample(s): 03 Batch: WG2239145-5					
p-Ethyltoluene	ND		ug/kg	100	19.
1,2,4,5-Tetramethylbenzene	ND		ug/kg	100	9.6
Ethyl ether	ND		ug/kg	100	17.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	71.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	99		70-130

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/08/26 09:09
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG2239169-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/08/26 09:09
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG2239169-5					
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/08/26 09:09
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG2239169-5					
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/08/26 09:09
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG2239169-5					
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	122		70-130
Toluene-d8	87		70-130
4-Bromofluorobenzene	81		70-130
Dibromofluoromethane	118		70-130

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/09/26 09:10
Analyst: MNF

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035/8260 Low - Westborough Lab for sample(s): 07 Batch: WG2239297-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	0.86	J	ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/09/26 09:10
Analyst: MNF

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035/8260 Low - Westborough Lab for sample(s): 07 Batch: WG2239297-5					
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/09/26 09:10
Analyst: MNF

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035/8260 Low - Westborough Lab for sample(s): 07 Batch: WG2239297-5					
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/09/26 09:10
Analyst: MNF

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035/8260 Low - Westborough Lab for sample(s): 07 Batch: WG2239297-5					
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	108		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	99		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08

Lab Number: L2641792
Report Date: 07/13/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035/8260 Low - Westborough Lab Associated sample(s): 02-05 Batch: WG2238592-3 WG2238592-4								
Methylene chloride	94		95		70-130	1		30
1,1-Dichloroethane	104		103		70-130	1		30
Chloroform	95		96		70-130	1		30
Carbon tetrachloride	106		107		70-130	1		30
1,2-Dichloropropane	98		99		70-130	1		30
Dibromochloromethane	109		108		70-130	1		30
1,1,2-Trichloroethane	100		98		70-130	2		30
Tetrachloroethene	114		111		70-130	3		30
Chlorobenzene	112		110		70-130	2		30
Trichlorofluoromethane	104		105		70-139	1		30
1,2-Dichloroethane	96		98		70-130	2		30
1,1,1-Trichloroethane	111		110		70-130	1		30
Bromodichloromethane	104		106		70-130	2		30
trans-1,3-Dichloropropene	105		103		70-130	2		30
cis-1,3-Dichloropropene	103		103		70-130	0		30
1,1-Dichloropropene	109		107		70-130	2		30
Bromoform	109		105		70-130	4		30
1,1,2,2-Tetrachloroethane	102		97		70-130	5		30
Benzene	106		106		70-130	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08

Lab Number: L2641792
Report Date: 07/13/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035/8260 Low - Westborough Lab Associated sample(s): 02-05 Batch: WG2238592-3 WG2238592-4								
Toluene	112		107		70-130	5		30
Ethylbenzene	116		112		70-130	4		30
Chloromethane	97		96		52-130	1		30
Bromomethane	85		86		57-147	1		30
Vinyl chloride	104		101		67-130	3		30
Chloroethane	102		100		50-151	2		30
1,1-Dichloroethene	102		100		65-135	2		30
trans-1,2-Dichloroethene	110		112		70-130	2		30
Trichloroethene	109		110		70-130	1		30
1,2-Dichlorobenzene	112		106		70-130	6		30
1,3-Dichlorobenzene	116		110		70-130	5		30
1,4-Dichlorobenzene	112		107		70-130	5		30
Methyl tert butyl ether	100		100		66-130	0		30
p/m-Xylene	122		118		70-130	3		30
o-Xylene	120		115		70-130	4		30
cis-1,2-Dichloroethene	104		105		70-130	1		30
Dibromomethane	97		99		70-130	2		30
Styrene	123		120		70-130	2		30
Dichlorodifluoromethane	89		88		30-146	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08

Lab Number: L2641792
Report Date: 07/13/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035/8260 Low - Westborough Lab Associated sample(s): 02-05 Batch: WG2238592-3 WG2238592-4								
Acetone	103		104		54-140	1		30
Carbon disulfide	109		108		59-130	1		30
2-Butanone	80		80		70-130	0		30
Vinyl acetate	91		92		70-130	1		30
4-Methyl-2-pentanone	98		95		70-130	3		30
1,2,3-Trichloropropane	95		92		68-130	3		30
2-Hexanone	99		96		70-130	3		30
Bromochloromethane	103		105		70-130	2		30
2,2-Dichloropropane	118		117		70-130	1		30
1,2-Dibromoethane	108		105		70-130	3		30
1,3-Dichloropropane	101		99		69-130	2		30
1,1,1,2-Tetrachloroethane	115		113		70-130	2		30
Bromobenzene	107		102		70-130	5		30
n-Butylbenzene	124		116		70-130	7		30
sec-Butylbenzene	123		116		70-130	6		30
tert-Butylbenzene	121		114		70-130	6		30
o-Chlorotoluene	106		102		70-130	4		30
p-Chlorotoluene	111		105		70-130	6		30
1,2-Dibromo-3-chloropropane	105		99		68-130	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035/8260 Low - Westborough Lab Associated sample(s): 02-05 Batch: WG2238592-3 WG2238592-4								
Hexachlorobutadiene	123		117		67-130	5		30
Isopropylbenzene	119		111		70-130	7		30
p-Isopropyltoluene	126		118		70-130	7		30
Naphthalene	102		98		70-130	4		30
Acrylonitrile	91		92		70-130	1		30
n-Propylbenzene	117		110		70-130	6		30
1,2,3-Trichlorobenzene	110		106		70-130	4		30
1,2,4-Trichlorobenzene	115		110		70-130	4		30
1,3,5-Trimethylbenzene	119		112		70-130	6		30
1,2,4-Trimethylbenzene	117		110		70-130	6		30
1,4-Dioxane	100		101		65-136	1		30
p-Diethylbenzene	126		118		70-130	7		30
p-Ethyltoluene	120		112		70-130	7		30
1,2,4,5-Tetramethylbenzene	116		110		70-130	5		30
Ethyl ether	94		94		67-130	0		30
trans-1,4-Dichloro-2-butene	98		92		70-130	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08

Lab Number: L2641792
Report Date: 07/13/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035/8260 Low - Westborough Lab Associated sample(s): 02-05 Batch: WG2238592-3 WG2238592-4								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	94		94		70-130
Toluene-d8	102		101		70-130
4-Bromofluorobenzene	95		93		70-130
Dibromofluoromethane	103		104		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08

Lab Number: L2641792
Report Date: 07/13/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035/8260 Low - Westborough Lab Associated sample(s): 01 Batch: WG2239141-3 WG2239141-4								
Methylene chloride	99		96		70-130	3		30
1,1-Dichloroethane	109		105		70-130	4		30
Chloroform	98		97		70-130	1		30
Carbon tetrachloride	96		92		70-130	4		30
1,2-Dichloropropane	110		108		70-130	2		30
Dibromochloromethane	94		97		70-130	3		30
1,1,2-Trichloroethane	100		100		70-130	0		30
Tetrachloroethene	103		96		70-130	7		30
Chlorobenzene	99		96		70-130	3		30
Trichlorofluoromethane	108		98		70-139	10		30
1,2-Dichloroethane	103		105		70-130	2		30
1,1,1-Trichloroethane	99		95		70-130	4		30
Bromodichloromethane	94		93		70-130	1		30
trans-1,3-Dichloropropene	101		101		70-130	0		30
cis-1,3-Dichloropropene	103		102		70-130	1		30
1,1-Dichloropropene	109		104		70-130	5		30
Bromoform	85		91		70-130	7		30
1,1,2,2-Tetrachloroethane	99		102		70-130	3		30
Benzene	103		99		70-130	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08

Lab Number: L2641792
Report Date: 07/13/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035/8260 Low - Westborough Lab Associated sample(s): 01 Batch: WG2239141-3 WG2239141-4								
Toluene	101		95		70-130	6		30
Ethylbenzene	100		96		70-130	4		30
Chloromethane	**140**	Q	130		52-130	7		30
Bromomethane	109		101		57-147	8		30
Vinyl chloride	114		107		67-130	6		30
Chloroethane	95		88		50-151	8		30
1,1-Dichloroethene	103		98		65-135	5		30
trans-1,2-Dichloroethene	101		96		70-130	5		30
Trichloroethene	100		95		70-130	5		30
1,2-Dichlorobenzene	98		98		70-130	0		30
1,3-Dichlorobenzene	101		98		70-130	3		30
1,4-Dichlorobenzene	97		96		70-130	1		30
Methyl tert butyl ether	91		95		66-130	4		30
p/m-Xylene	101		96		70-130	5		30
o-Xylene	98		94		70-130	4		30
cis-1,2-Dichloroethene	97		95		70-130	2		30
Dibromomethane	92		96		70-130	4		30
Styrene	98		96		70-130	2		30
Dichlorodifluoromethane	104		97		30-146	7		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08

Lab Number: L2641792
Report Date: 07/13/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035/8260 Low - Westborough Lab Associated sample(s): 01 Batch: WG2239141-3 WG2239141-4								
Acetone	132		131		54-140	1		30
Carbon disulfide	97		93		59-130	4		30
2-Butanone	114		128		70-130	12		30
Vinyl acetate	121		126		70-130	4		30
4-Methyl-2-pentanone	104		110		70-130	6		30
1,2,3-Trichloropropane	100		106		68-130	6		30
2-Hexanone	96		107		70-130	11		30
Bromochloromethane	94		94		70-130	0		30
2,2-Dichloropropane	103		98		70-130	5		30
1,2-Dibromoethane	100		104		70-130	4		30
1,3-Dichloropropane	104		105		69-130	1		30
1,1,1,2-Tetrachloroethane	96		94		70-130	2		30
Bromobenzene	97		96		70-130	1		30
n-Butylbenzene	106		102		70-130	4		30
sec-Butylbenzene	102		97		70-130	5		30
tert-Butylbenzene	99		94		70-130	5		30
o-Chlorotoluene	103		104		70-130	1		30
p-Chlorotoluene	104		101		70-130	3		30
1,2-Dibromo-3-chloropropane	85		95		68-130	11		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035/8260 Low - Westborough Lab Associated sample(s): 01 Batch: WG2239141-3 WG2239141-4								
Hexachlorobutadiene	90		88		67-130	2		30
Isopropylbenzene	102		96		70-130	6		30
p-Isopropyltoluene	100		94		70-130	6		30
Naphthalene	91		97		70-130	6		30
Acrylonitrile	106		117		70-130	10		30
n-Propylbenzene	108		103		70-130	5		30
1,2,3-Trichlorobenzene	93		94		70-130	1		30
1,2,4-Trichlorobenzene	96		96		70-130	0		30
1,3,5-Trimethylbenzene	102		98		70-130	4		30
1,2,4-Trimethylbenzene	104		99		70-130	5		30
1,4-Dioxane	98		112		65-136	13		30
p-Diethylbenzene	100		95		70-130	5		30
p-Ethyltoluene	104		98		70-130	6		30
1,2,4,5-Tetramethylbenzene	98		95		70-130	3		30
Ethyl ether	99		102		67-130	3		30
trans-1,4-Dichloro-2-butene	97		106		70-130	9		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08

Lab Number: L2641792
Report Date: 07/13/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035/8260 Low - Westborough Lab Associated sample(s): 01 Batch: WG2239141-3 WG2239141-4								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	105		105		70-130
Toluene-d8	105		102		70-130
4-Bromofluorobenzene	105		102		70-130
Dibromofluoromethane	99		99		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08

Lab Number: L2641792
Report Date: 07/13/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High/8260 - Westborough Lab Associated sample(s): 03 Batch: WG2239145-3 WG2239145-4								
Methylene chloride	99		96		70-130	3		30
1,1-Dichloroethane	109		105		70-130	4		30
Chloroform	98		97		70-130	1		30
Carbon tetrachloride	96		92		70-130	4		30
1,2-Dichloropropane	110		108		70-130	2		30
Dibromochloromethane	94		97		70-130	3		30
1,1,2-Trichloroethane	100		100		70-130	0		30
Tetrachloroethene	103		96		70-130	7		30
Chlorobenzene	99		96		70-130	3		30
Trichlorofluoromethane	108		98		70-139	10		30
1,2-Dichloroethane	103		105		70-130	2		30
1,1,1-Trichloroethane	99		95		70-130	4		30
Bromodichloromethane	94		93		70-130	1		30
trans-1,3-Dichloropropene	101		101		70-130	0		30
cis-1,3-Dichloropropene	103		102		70-130	1		30
1,1-Dichloropropene	109		104		70-130	5		30
Bromoform	85		91		70-130	7		30
1,1,2,2-Tetrachloroethane	99		102		70-130	3		30
Benzene	103		99		70-130	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08

Lab Number: L2641792
Report Date: 07/13/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High/8260 - Westborough Lab Associated sample(s): 03 Batch: WG2239145-3 WG2239145-4								
Toluene	101		95		70-130	6		30
Ethylbenzene	100		96		70-130	4		30
Chloromethane	**140**	Q	130		52-130	7		30
Bromomethane	109		101		57-147	8		30
Vinyl chloride	114		107		67-130	6		30
Chloroethane	95		88		50-151	8		30
1,1-Dichloroethene	103		98		65-135	5		30
trans-1,2-Dichloroethene	101		96		70-130	5		30
Trichloroethene	100		95		70-130	5		30
1,2-Dichlorobenzene	98		98		70-130	0		30
1,3-Dichlorobenzene	101		98		70-130	3		30
1,4-Dichlorobenzene	97		96		70-130	1		30
Methyl tert butyl ether	91		95		66-130	4		30
p/m-Xylene	101		96		70-130	5		30
o-Xylene	98		94		70-130	4		30
cis-1,2-Dichloroethene	97		95		70-130	2		30
Dibromomethane	92		96		70-130	4		30
Styrene	98		96		70-130	2		30
Dichlorodifluoromethane	104		97		30-146	7		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08

Lab Number: L2641792
Report Date: 07/13/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High/8260 - Westborough Lab Associated sample(s): 03 Batch: WG2239145-3 WG2239145-4								
Acetone	132		131		54-140	1		30
Carbon disulfide	97		93		59-130	4		30
2-Butanone	114		128		70-130	12		30
Vinyl acetate	121		126		70-130	4		30
4-Methyl-2-pentanone	104		110		70-130	6		30
1,2,3-Trichloropropane	100		106		68-130	6		30
2-Hexanone	96		107		70-130	11		30
Bromochloromethane	94		94		70-130	0		30
2,2-Dichloropropane	103		98		70-130	5		30
1,2-Dibromoethane	100		104		70-130	4		30
1,3-Dichloropropane	104		105		69-130	1		30
1,1,1,2-Tetrachloroethane	96		94		70-130	2		30
Bromobenzene	97		96		70-130	1		30
n-Butylbenzene	106		102		70-130	4		30
sec-Butylbenzene	102		97		70-130	5		30
tert-Butylbenzene	99		94		70-130	5		30
o-Chlorotoluene	103		104		70-130	1		30
p-Chlorotoluene	104		101		70-130	3		30
1,2-Dibromo-3-chloropropane	85		95		68-130	11		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High/8260 - Westborough Lab Associated sample(s): 03 Batch: WG2239145-3 WG2239145-4								
Hexachlorobutadiene	90		88		67-130	2		30
Isopropylbenzene	102		96		70-130	6		30
p-Isopropyltoluene	100		94		70-130	6		30
Naphthalene	91		97		70-130	6		30
Acrylonitrile	106		117		70-130	10		30
n-Propylbenzene	108		103		70-130	5		30
1,2,3-Trichlorobenzene	93		94		70-130	1		30
1,2,4-Trichlorobenzene	96		96		70-130	0		30
1,3,5-Trimethylbenzene	102		98		70-130	4		30
1,2,4-Trimethylbenzene	104		99		70-130	5		30
1,4-Dioxane	98		112		65-136	13		30
p-Diethylbenzene	100		95		70-130	5		30
p-Ethyltoluene	104		98		70-130	6		30
1,2,4,5-Tetramethylbenzene	98		95		70-130	3		30
Ethyl ether	99		102		67-130	3		30
trans-1,4-Dichloro-2-butene	97		106		70-130	9		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08

Lab Number: L2641792
Report Date: 07/13/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High/8260 - Westborough Lab Associated sample(s): 03 Batch: WG2239145-3 WG2239145-4								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	105		105		70-130
Toluene-d8	105		102		70-130
4-Bromofluorobenzene	104		102		70-130
Dibromofluoromethane	99		99		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08

Lab Number: L2641792
Report Date: 07/13/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG2239169-3 WG2239169-4								
Methylene chloride	95		92		70-130	3		20
1,1-Dichloroethane	110		100		70-130	10		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	120		120		63-132	0		20
1,2-Dichloropropane	96		97		70-130	1		20
Dibromochloromethane	94		95		63-130	1		20
1,1,2-Trichloroethane	80		80		70-130	0		20
Tetrachloroethene	110		110		70-130	0		20
Chlorobenzene	96		95		75-130	1		20
Trichlorofluoromethane	100		100		62-150	0		20
1,2-Dichloroethane	120		110		70-130	9		20
1,1,1-Trichloroethane	110		110		67-130	0		20
Bromodichloromethane	100		99		67-130	1		20
trans-1,3-Dichloropropene	87		84		70-130	4		20
cis-1,3-Dichloropropene	92		91		70-130	1		20
1,1-Dichloropropene	100		100		70-130	0		20
Bromoform	83		83		54-136	0		20
1,1,2,2-Tetrachloroethane	72		72		67-130	0		20
Benzene	99		98		70-130	1		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08

Lab Number: L2641792
Report Date: 07/13/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG2239169-3 WG2239169-4								
Toluene	85		85		70-130	0		20
Ethylbenzene	87		87		70-130	0		20
Chloromethane	94		92		64-130	2		20
Bromomethane	100		98		39-139	2		20
Vinyl chloride	97		90		55-140	7		20
Chloroethane	110		110		55-138	0		20
1,1-Dichloroethene	95		92		61-145	3		20
trans-1,2-Dichloroethene	96		96		70-130	0		20
Trichloroethene	100		94		70-130	6		20
1,2-Dichlorobenzene	95		94		70-130	1		20
1,3-Dichlorobenzene	96		96		70-130	0		20
1,4-Dichlorobenzene	97		94		70-130	3		20
Methyl tert butyl ether	92		91		63-130	1		20
p/m-Xylene	95		90		70-130	5		20
o-Xylene	95		90		70-130	5		20
cis-1,2-Dichloroethene	99		94		70-130	5		20
Dibromomethane	94		95		70-130	1		20
1,2,3-Trichloropropane	78		77		64-130	1		20
Acrylonitrile	97		98		70-130	1		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08

Lab Number: L2641792
Report Date: 07/13/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG2239169-3 WG2239169-4								
Styrene	90		90		70-130	0		20
Dichlorodifluoromethane	78		74		36-147	5		20
Acetone	96		93		58-148	3		20
Carbon disulfide	94		90		51-130	4		20
2-Butanone	98		110		63-138	12		20
Vinyl acetate	130		120		70-130	8		20
4-Methyl-2-pentanone	74		75		59-130	1		20
2-Hexanone	76		80		57-130	5		20
Bromochloromethane	120		120		70-130	0		20
2,2-Dichloropropane	110		100		63-133	10		20
1,2-Dibromoethane	85		84		70-130	1		20
1,3-Dichloropropane	83		81		70-130	2		20
1,1,1,2-Tetrachloroethane	100		100		64-130	0		20
Bromobenzene	95		93		70-130	2		20
n-Butylbenzene	81		79		53-136	3		20
sec-Butylbenzene	88		85		70-130	3		20
tert-Butylbenzene	93		90		70-130	3		20
o-Chlorotoluene	82		80		70-130	2		20
p-Chlorotoluene	79		78		70-130	1		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG2239169-3 WG2239169-4								
1,2-Dibromo-3-chloropropane	77		75		41-144	3		20
Hexachlorobutadiene	93		90		63-130	3		20
Isopropylbenzene	86		83		70-130	4		20
p-Isopropyltoluene	92		91		70-130	1		20
Naphthalene	71		74		70-130	4		20
n-Propylbenzene	82		81		69-130	1		20
1,2,3-Trichlorobenzene	86		86		70-130	0		20
1,2,4-Trichlorobenzene	84		82		70-130	2		20
1,3,5-Trimethylbenzene	85		83		64-130	2		20
1,2,4-Trimethylbenzene	82		81		70-130	1		20
1,4-Dioxane	76		80		56-162	5		20
p-Diethylbenzene	84		85		70-130	1		20
p-Ethyltoluene	85		84		70-130	1		20
1,2,4,5-Tetramethylbenzene	80		79		70-130	1		20
Ethyl ether	90		88		59-134	2		20
trans-1,4-Dichloro-2-butene	83		78		70-130	6		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08

Lab Number: L2641792
Report Date: 07/13/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG2239169-3 WG2239169-4

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	121		120		70-130
Toluene-d8	88		89		70-130
4-Bromofluorobenzene	77		80		70-130
Dibromofluoromethane	111		113		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08

Lab Number: L2641792
Report Date: 07/13/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035/8260 Low - Westborough Lab Associated sample(s): 07 Batch: WG2239297-3 WG2239297-4								
Methylene chloride	99		94		70-130	5		30
1,1-Dichloroethane	108		101		70-130	7		30
Chloroform	99		94		70-130	5		30
Carbon tetrachloride	94		89		70-130	5		30
1,2-Dichloropropane	108		104		70-130	4		30
Dibromochloromethane	96		94		70-130	2		30
1,1,2-Trichloroethane	100		99		70-130	1		30
Tetrachloroethene	103		96		70-130	7		30
Chlorobenzene	101		97		70-130	4		30
Trichlorofluoromethane	102		92		70-139	10		30
1,2-Dichloroethane	101		100		70-130	1		30
1,1,1-Trichloroethane	98		91		70-130	7		30
Bromodichloromethane	91		89		70-130	2		30
trans-1,3-Dichloropropene	100		97		70-130	3		30
cis-1,3-Dichloropropene	99		98		70-130	1		30
1,1-Dichloropropene	108		100		70-130	8		30
Bromoform	85		89		70-130	5		30
1,1,2,2-Tetrachloroethane	98		100		70-130	2		30
Benzene	103		97		70-130	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08

Lab Number: L2641792
Report Date: 07/13/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035/8260 Low - Westborough Lab Associated sample(s): 07 Batch: WG2239297-3 WG2239297-4								
Toluene	102		95		70-130	7		30
Ethylbenzene	103		97		70-130	6		30
Chloromethane	**136**	Q	124		52-130	9		30
Bromomethane	107		97		57-147	10		30
Vinyl chloride	109		101		67-130	8		30
Chloroethane	92		87		50-151	6		30
1,1-Dichloroethene	100		93		65-135	7		30
trans-1,2-Dichloroethene	100		94		70-130	6		30
Trichloroethene	100		92		70-130	8		30
1,2-Dichlorobenzene	101		97		70-130	4		30
1,3-Dichlorobenzene	102		97		70-130	5		30
1,4-Dichlorobenzene	98		96		70-130	2		30
Methyl tert butyl ether	92		91		66-130	1		30
p/m-Xylene	103		97		70-130	6		30
o-Xylene	100		95		70-130	5		30
cis-1,2-Dichloroethene	97		91		70-130	6		30
Dibromomethane	91		91		70-130	0		30
Styrene	99		94		70-130	5		30
Dichlorodifluoromethane	94		86		30-146	9		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08

Lab Number: L2641792
Report Date: 07/13/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035/8260 Low - Westborough Lab Associated sample(s): 07 Batch: WG2239297-3 WG2239297-4								
Acetone	103		92		54-140	11		30
Carbon disulfide	93		88		59-130	6		30
2-Butanone	103		110		70-130	7		30
Vinyl acetate	122		119		70-130	2		30
4-Methyl-2-pentanone	103		105		70-130	2		30
1,2,3-Trichloropropane	100		102		68-130	2		30
2-Hexanone	90		96		70-130	6		30
Bromochloromethane	94		90		70-130	4		30
2,2-Dichloropropane	102		95		70-130	7		30
1,2-Dibromoethane	99		100		70-130	1		30
1,3-Dichloropropane	104		101		69-130	3		30
1,1,1,2-Tetrachloroethane	96		93		70-130	3		30
Bromobenzene	97		95		70-130	2		30
n-Butylbenzene	109		102		70-130	7		30
sec-Butylbenzene	105		100		70-130	5		30
tert-Butylbenzene	103		97		70-130	6		30
o-Chlorotoluene	106		102		70-130	4		30
p-Chlorotoluene	106		101		70-130	5		30
1,2-Dibromo-3-chloropropane	85		89		68-130	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08

Lab Number: L2641792
Report Date: 07/13/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035/8260 Low - Westborough Lab Associated sample(s): 07 Batch: WG2239297-3 WG2239297-4								
Hexachlorobutadiene	96		90		67-130	6		30
Isopropylbenzene	106		99		70-130	7		30
p-Isopropyltoluene	103		96		70-130	7		30
Naphthalene	92		93		70-130	1		30
Acrylonitrile	110		111		70-130	1		30
n-Propylbenzene	110		104		70-130	6		30
1,2,3-Trichlorobenzene	96		92		70-130	4		30
1,2,4-Trichlorobenzene	98		95		70-130	3		30
1,3,5-Trimethylbenzene	105		100		70-130	5		30
1,2,4-Trimethylbenzene	106		100		70-130	6		30
1,4-Dioxane	96		103		65-136	7		30
p-Diethylbenzene	103		96		70-130	7		30
p-Ethyltoluene	107		101		70-130	6		30
1,2,4,5-Tetramethylbenzene	101		96		70-130	5		30
Ethyl ether	97		96		67-130	1		30
trans-1,4-Dichloro-2-butene	100		109		70-130	9		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08

Lab Number: L2641792
Report Date: 07/13/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035/8260 Low - Westborough Lab Associated sample(s): 07 Batch: WG2239297-3 WG2239297-4								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	101		103		70-130
Toluene-d8	103		103		70-130
4-Bromofluorobenzene	105		104		70-130
Dibromofluoromethane	98		98		70-130

SEMIVOLATILES

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-01
Client ID: EP-01_10
Sample Location: BROOKLYN, NY
Date Collected: 07/02/26 08:30
Date Received: 07/02/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/05/26 16:06
Analyst: IMK
Percent Solids: 86%
Extraction Method: EPA 3546
Extraction Date: 07/04/26 03:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	120	J	ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	2600		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	47	J	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	38	17.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1

Project Name: 860 FLUSHING AVENUE **Lab Number:** L2641792

Project Number: 0211437-000-006-08 **Report Date:** 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-01 Date Collected: 07/02/26 08:30

Client ID: EP-01_10 Date Received: 07/02/26

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	1300		ug/kg	120	22.	1
Benzo(a)pyrene	1100		ug/kg	150	47.	1
Benzo(b)fluoranthene	1500		ug/kg	120	32.	1
Benzo(k)fluoranthene	370		ug/kg	120	31.	1
Chrysene	1300		ug/kg	120	20.	1
Acenaphthylene	95	J	ug/kg	150	30.	1
Anthracene	390		ug/kg	120	37.	1
Benzo(ghi)perylene	630		ug/kg	150	23.	1
Fluorene	120	J	ug/kg	190	19.	1
Phenanthrene	1800		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	130		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	610		ug/kg	150	27.	1
Pyrene	2300		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	67	J	ug/kg	190	18.	1
2-Methylnaphthalene	40	J	ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	420	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: 860 FLUSHING AVENUE
Lab Number: L2641792
Project Number: 0211437-000-006-08
Report Date: 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-01
Client ID: EP-01_10
Sample Location: BROOKLYN, NY
Date Collected: 07/02/26 08:30
Date Received: 07/02/26
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	140	J	ug/kg	190	19.	1
1,4-Dioxane	ND		ug/kg	29	8.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	66		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	80		10-136
4-Terphenyl-d14	63		18-120

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-01
Client ID: EP-01_10
Sample Location: BROOKLYN, NY

Date Collected: 07/02/26 08:30
Date Received: 07/02/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 168,1633A
Analytical Date: 07/11/26 10:36
Analyst: AC
Percent Solids: 86%

Extraction Method: EPA 1633
Extraction Date: 07/09/26 07:40
Cleanup Method: EPA 1633
Cleanup Date: 07/09/26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.771	0.517	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.386	0.077	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.193	0.048	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.771	0.148	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.193	0.158	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.193	0.027	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.193	0.069	1
Perfluorohexanesulfonic Acid (PFHxS)	0.048	JF	ng/g	0.193	0.048	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.193	0.042	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.771	0.463	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.193	0.033	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.193	0.031	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.193	0.100	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.193	0.048	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.771	0.227	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.193	0.091	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.193	0.093	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.193	0.085	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.193	0.091	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.193	0.110	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.193	0.075	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.193	0.096	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.193	0.089	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.193	0.141	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.771	0.154	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.771	0.274	1

Project Name: 860 FLUSHING AVENUE
Lab Number: L2641792
Project Number: 0211437-000-006-08
Report Date: 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-01
Client ID: EP-01_10
Sample Location: BROOKLYN, NY
Date Collected: 07/02/26 08:30
Date Received: 07/02/26
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.193	0.091	1
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.771	0.150	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.771	0.382	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.193	0.058	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.193	0.064	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.93	0.241	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.93	0.233	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.386	0.035	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.386	0.050	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.386	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.386	0.116	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.964	0.333	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.82	1.35	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.82	1.88	1

Project Name: 860 FLUSHING AVENUE
Lab Number: L2641792
Project Number: 0211437-000-006-08
Report Date: 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-01
Client ID: EP-01_10
Sample Location: BROOKLYN, NY
Date Collected: 07/02/26 08:30
Date Received: 07/02/26
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	100		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	100		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	92		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	78		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	128		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	106		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	81		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	96		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	85		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	82		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	92		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	108		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	82		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	81		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	89		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	62		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	73		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	55		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	37		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	93		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	13		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	14		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	41		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	38		15-130

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-02
Client ID: EP-02_10
Sample Location: BROOKLYN, NY
Date Collected: 07/02/26 08:45
Date Received: 07/02/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/05/26 16:32
Analyst: IMK
Percent Solids: 88%
Extraction Method: EPA 3546
Extraction Date: 07/04/26 03:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	210		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	37	16.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: 860 FLUSHING AVENUE **Lab Number:** L2641792

Project Number: 0211437-000-006-08 **Report Date:** 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-02 Date Collected: 07/02/26 08:45

Client ID: EP-02_10 Date Received: 07/02/26

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	140		ug/kg	110	21.	1
Benzo(a)pyrene	120	J	ug/kg	150	46.	1
Benzo(b)fluoranthene	140		ug/kg	110	32.	1
Benzo(k)fluoranthene	33	J	ug/kg	110	30.	1
Chrysene	160		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	64	J	ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	120		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	53	J	ug/kg	150	26.	1
Pyrene	320		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	900	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-02
Client ID: EP-02_10
Sample Location: BROOKLYN, NY
Date Collected: 07/02/26 08:45
Date Received: 07/02/26
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	57.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	85		30-120
2,4,6-Tribromophenol	101		10-136
4-Terphenyl-d14	88		18-120

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-02
Client ID: EP-02_10
Sample Location: BROOKLYN, NY

Date Collected: 07/02/26 08:45
Date Received: 07/02/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 168,1633A
Analytical Date: 07/11/26 10:44
Analyst: AC
Percent Solids: 88%

Extraction Method: EPA 1633
Extraction Date: 07/09/26 07:40
Cleanup Method: EPA 1633
Cleanup Date: 07/09/26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.839	0.562	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.419	0.084	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.210	0.052	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.839	0.161	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.210	0.172	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.210	0.029	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.210	0.076	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.210	0.052	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.210	0.046	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.839	0.503	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.210	0.036	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.210	0.034	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.210	0.109	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.210	0.052	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.839	0.247	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.210	0.099	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.210	0.101	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.210	0.092	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.210	0.099	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.210	0.120	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.210	0.082	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.210	0.105	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.210	0.097	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.210	0.153	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.839	0.168	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.839	0.298	1

Project Name: 860 FLUSHING AVENUE
Lab Number: L2641792
Project Number: 0211437-000-006-08
Report Date: 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-02
Client ID: EP-02_10
Sample Location: BROOKLYN, NY
Date Collected: 07/02/26 08:45
Date Received: 07/02/26
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.210	0.099	1
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.839	0.164	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.839	0.415	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.210	0.063	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.210	0.069	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.10	0.262	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.10	0.254	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.419	0.038	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.419	0.055	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.419	0.050	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.419	0.126	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.05	0.363	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.24	1.47	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.24	2.04	1

Project Name: 860 FLUSHING AVENUE **Lab Number:** L2641792

Project Number: 0211437-000-006-08 **Report Date:** 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-02 Date Collected: 07/02/26 08:45

Client ID: EP-02_10 Date Received: 07/02/26

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	104		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	112		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	90		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	100		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	115		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	103		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	90		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	93		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	95		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	75		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	103		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	110		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	92		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	98		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	95		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	74		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	91		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	68		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	54		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	102		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	14		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	13		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	50		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	49		15-130

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-03
Client ID: EP-03_10
Sample Location: BROOKLYN, NY

Date Collected: 07/02/26 08:15
Date Received: 07/02/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/05/26 16:58
Analyst: IMK
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 07/04/26 03:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	36	16.	1
NDPA/DPA	ND		ug/kg	140	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: 860 FLUSHING AVENUE **Lab Number:** L2641792

Project Number: 0211437-000-006-08 **Report Date:** 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-03 Date Collected: 07/02/26 08:15

Client ID: EP-03_10 Date Received: 07/02/26

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-03
Client ID: EP-03_10
Sample Location: BROOKLYN, NY
Date Collected: 07/02/26 08:15
Date Received: 07/02/26
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	91		10-136
4-Terphenyl-d14	74		18-120

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-03
Client ID: EP-03_10
Sample Location: BROOKLYN, NY

Date Collected: 07/02/26 08:15
Date Received: 07/02/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 168,1633A
Analytical Date: 07/11/26 10:54
Analyst: AC
Percent Solids: 90%

Extraction Method: EPA 1633
Extraction Date: 07/09/26 07:40
Cleanup Method: EPA 1633
Cleanup Date: 07/09/26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.821	0.550	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.410	0.082	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.205	0.051	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.821	0.158	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.205	0.168	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.205	0.029	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.205	0.074	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.205	0.051	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.205	0.045	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.821	0.493	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.205	0.035	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.205	0.033	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.205	0.107	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.205	0.051	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.821	0.242	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.205	0.097	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.205	0.099	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.205	0.090	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.205	0.097	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.205	0.117	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.205	0.080	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.205	0.103	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.205	0.094	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.205	0.150	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.821	0.164	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.821	0.291	1

Project Name: 860 FLUSHING AVENUE
Lab Number: L2641792
Project Number: 0211437-000-006-08
Report Date: 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-03
Client ID: EP-03_10
Sample Location: BROOKLYN, NY
Date Collected: 07/02/26 08:15
Date Received: 07/02/26
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.205	0.097	1
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.821	0.160	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.821	0.406	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.205	0.062	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.205	0.068	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.05	0.256	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.05	0.248	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.410	0.037	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.410	0.053	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.410	0.049	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.410	0.123	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.03	0.355	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.13	1.44	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.13	2.00	1

Project Name: 860 FLUSHING AVENUE
Lab Number: L2641792
Project Number: 0211437-000-006-08
Report Date: 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-03
Client ID: EP-03_10
Sample Location: BROOKLYN, NY
Date Collected: 07/02/26 08:15
Date Received: 07/02/26
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	101		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	98		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	99		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	97		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	102		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	105		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	94		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	98		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	88		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	78		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	100		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	98		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	83		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	94		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	86		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	75		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	89		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	58		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	39		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	101		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	15		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	15		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	48		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	44		15-130

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-04
Client ID: EP-04_10
Sample Location: BROOKLYN, NY
Date Collected: 07/02/26 07:45
Date Received: 07/02/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/05/26 17:24
Analyst: IMK
Percent Solids: 87%
Extraction Method: EPA 3546
Extraction Date: 07/04/26 03:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	38	17.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: 860 FLUSHING AVENUE **Lab Number:** L2641792

Project Number: 0211437-000-006-08 **Report Date:** 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-04 Date Collected: 07/02/26 07:45

Client ID: EP-04_10 Date Received: 07/02/26

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1

Project Name: 860 FLUSHING AVENUE
Lab Number: L2641792
Project Number: 0211437-000-006-08
Report Date: 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-04
Client ID: EP-04_10
Sample Location: BROOKLYN, NY
Date Collected: 07/02/26 07:45
Date Received: 07/02/26
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	94		10-136
4-Terphenyl-d14	78		18-120

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-04
Client ID: EP-04_10
Sample Location: BROOKLYN, NY

Date Collected: 07/02/26 07:45
Date Received: 07/02/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 168,1633A
Analytical Date: 07/11/26 11:02
Analyst: AC
Percent Solids: 87%

Extraction Method: EPA 1633
Extraction Date: 07/09/26 07:40
Cleanup Method: EPA 1633
Cleanup Date: 07/09/26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.775	0.520	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.388	0.078	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.194	0.049	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.775	0.149	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.194	0.159	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.194	0.027	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.194	0.070	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.194	0.049	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.194	0.043	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.775	0.465	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.194	0.033	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.194	0.031	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.194	0.101	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.194	0.049	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.775	0.229	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.194	0.091	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.194	0.093	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.194	0.085	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.194	0.091	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.194	0.110	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.194	0.076	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.194	0.097	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.194	0.089	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.194	0.142	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.775	0.155	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.775	0.275	1

Project Name: 860 FLUSHING AVENUE
Lab Number: L2641792
Project Number: 0211437-000-006-08
Report Date: 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-04
Client ID: EP-04_10
Sample Location: BROOKLYN, NY
Date Collected: 07/02/26 07:45
Date Received: 07/02/26
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.194	0.091	1
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.775	0.151	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.775	0.384	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.194	0.058	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.194	0.064	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.94	0.242	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.94	0.234	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.388	0.035	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.388	0.050	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.388	0.047	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.388	0.116	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.969	0.335	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.85	1.36	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.85	1.89	1

Project Name: 860 FLUSHING AVENUE
Lab Number: L2641792
Project Number: 0211437-000-006-08
Report Date: 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-04
Client ID: EP-04_10
Sample Location: BROOKLYN, NY
Date Collected: 07/02/26 07:45
Date Received: 07/02/26
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	101		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	108		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	90		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	80		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	114		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	101		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	95		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	88		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	84		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	87		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	93		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	94		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	81		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	88		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	90		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	69		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	88		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	62		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	47		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	127		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	14		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	12		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	46		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	44		15-130

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-05
Client ID: EP-06_10
Sample Location: BROOKLYN, NY
Date Collected: 07/02/26 09:15
Date Received: 07/02/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/05/26 15:58
Analyst: IMK
Percent Solids: 90%
Extraction Method: EPA 3546
Extraction Date: 07/04/26 03:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	130		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	37	16.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: 860 FLUSHING AVENUE **Lab Number:** L2641792

Project Number: 0211437-000-006-08 **Report Date:** 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-05 Date Collected: 07/02/26 09:15

Client ID: EP-06_10 Date Received: 07/02/26

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	73	J	ug/kg	110	21.	1
Benzo(a)pyrene	60	J	ug/kg	150	45.	1
Benzo(b)fluoranthene	63	J	ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	77	J	ug/kg	110	19.	1
Acenaphthylene	59	J	ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	120	J	ug/kg	150	22.	1
Fluorene	23	J	ug/kg	180	18.	1
Phenanthrene	180		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	68	J	ug/kg	150	26.	1
Pyrene	150		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1

Project Name: 860 FLUSHING AVENUE
Lab Number: L2641792
Project Number: 0211437-000-006-08
Report Date: 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-05
Client ID: EP-06_10
Sample Location: BROOKLYN, NY
Date Collected: 07/02/26 09:15
Date Received: 07/02/26
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	28	8.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	83		30-120
2,4,6-Tribromophenol	79		10-136
4-Terphenyl-d14	70		18-120

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-05
Client ID: EP-06_10
Sample Location: BROOKLYN, NY

Date Collected: 07/02/26 09:15
Date Received: 07/02/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 168,1633A
Analytical Date: 07/11/26 11:12
Analyst: AC
Percent Solids: 90%

Extraction Method: EPA 1633
Extraction Date: 07/09/26 07:40
Cleanup Method: EPA 1633
Cleanup Date: 07/09/26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.807	0.541	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.404	0.081	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.202	0.050	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.807	0.155	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.202	0.165	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.202	0.028	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.202	0.073	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.202	0.050	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.202	0.044	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.807	0.484	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.202	0.034	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.202	0.032	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.202	0.105	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.202	0.050	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.807	0.238	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.202	0.095	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.202	0.097	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.202	0.089	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.202	0.095	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.202	0.115	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.202	0.079	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.202	0.101	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.202	0.093	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.202	0.147	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.807	0.161	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.807	0.286	1

Project Name: 860 FLUSHING AVENUE
Lab Number: L2641792
Project Number: 0211437-000-006-08
Report Date: 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-05
Client ID: EP-06_10
Sample Location: BROOKLYN, NY
Date Collected: 07/02/26 09:15
Date Received: 07/02/26
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.202	0.095	1
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.807	0.157	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.807	0.400	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.202	0.061	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.202	0.067	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.02	0.252	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.02	0.244	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.404	0.036	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.404	0.053	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.404	0.048	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.404	0.121	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.01	0.349	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.04	1.42	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.04	1.97	1

Project Name: 860 FLUSHING AVENUE
Lab Number: L2641792
Project Number: 0211437-000-006-08
Report Date: 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-05
Client ID: EP-06_10
Sample Location: BROOKLYN, NY
Date Collected: 07/02/26 09:15
Date Received: 07/02/26
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	96		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	95		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	81		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	90		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	97		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	106		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	91		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	121		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	89		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	84		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	100		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	104		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	86		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	92		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	94		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	71		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	80		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	57		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	43		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	85		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	12		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	10		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	45		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	41		15-130

Project Name: 860 FLUSHING AVENUE
Lab Number: L2641792
Project Number: 0211437-000-006-08
Report Date: 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-06
Client ID: FIELD BLANK_20260702
Sample Location: BROOKLYN, NY
Date Collected: 07/02/26 07:30
Date Received: 07/02/26
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 07/05/26 11:49
Analyst: SMZ
Extraction Method: EPA 3510C
Extraction Date: 07/04/26 18:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: 860 FLUSHING AVENUE **Lab Number:** L2641792

Project Number: 0211437-000-006-08 **Report Date:** 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-06 Date Collected: 07/02/26 07:30

Client ID: FIELD BLANK_20260702 Date Received: 07/02/26

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		21-120
Phenol-d6	39		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	67		15-120
2,4,6-Tribromophenol	88		10-120
4-Terphenyl-d14	80		41-149

Project Name: 860 FLUSHING AVENUE
Lab Number: L2641792
Project Number: 0211437-000-006-08
Report Date: 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-06
Client ID: FIELD BLANK_20260702
Sample Location: BROOKLYN, NY
Date Collected: 07/02/26 07:30
Date Received: 07/02/26
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 07/05/26 16:20
Analyst: JJW
Extraction Method: EPA 3510C
Extraction Date: 07/04/26 18:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.07	J	ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: 860 FLUSHING AVENUE
Lab Number: L2641792
Project Number: 0211437-000-006-08
Report Date: 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-06
Client ID: FIELD BLANK_20260702
Sample Location: BROOKLYN, NY
Date Collected: 07/02/26 07:30
Date Received: 07/02/26
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		21-120
Phenol-d6	34		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	70		15-120
2,4,6-Tribromophenol	106		10-120
4-Terphenyl-d14	79		41-149

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-06
Client ID: FIELD BLANK_20260702
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Water
Analytical Method: 168,1633A
Analytical Date: 07/09/26 04:22
Analyst: SL

Date Collected: 07/02/26 07:30
Date Received: 07/02/26
Field Prep: Not Specified
Extraction Method: EPA 1633
Extraction Date: 07/08/26 13:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	6.24	4.18	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	3.12	0.624	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.56	0.499	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.24	1.45	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.56	1.28	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.56	0.359	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.56	0.483	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.56	0.686	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.56	0.390	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.24	3.74	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.56	0.483	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.56	0.250	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.56	1.20	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.56	0.405	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.24	2.98	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.56	0.515	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.56	1.12	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.56	0.686	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.56	0.733	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.56	0.889	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.56	0.717	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.56	0.780	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.56	0.717	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.56	1.14	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.24	0.920	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.24	1.22	1

Project Name: 860 FLUSHING AVENUE
Lab Number: L2641792
Project Number: 0211437-000-006-08
Report Date: 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-06
Client ID: FIELD BLANK_20260702
Sample Location: BROOKLYN, NY
Date Collected: 07/02/26 07:30
Date Received: 07/02/26
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.56	0.733	1
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.24	1.22	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.24	3.09	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.56	0.608	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.56	0.452	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	15.6	1.65	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	15.6	1.40	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.12	0.140	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.12	0.811	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.12	0.390	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.12	0.920	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.80	2.01	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	39.0	11.2	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	39.0	11.8	1

Project Name: 860 FLUSHING AVENUE **Lab Number:** L2641792

Project Number: 0211437-000-006-08 **Report Date:** 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-06 Date Collected: 07/02/26 07:30

Client ID: FIELD BLANK_20260702 Date Received: 07/02/26

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	99		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	102		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	89		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	83		40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	102		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	110		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	89		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	107		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	87		40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	94		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	98		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	94		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	72		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	77		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	88		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	86		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	79		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	79		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	67		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	99		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	59		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	63		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	75		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	77		10-130

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/05/26 07:51
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 07/04/26 03:17

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG2237026-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	33	14.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	26.

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/05/26 07:51
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 07/04/26 03:17

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG2237026-1					
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/05/26 07:51
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 07/04/26 03:17

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG2237026-1					
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	25.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	540	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/05/26 07:51
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 07/04/26 03:17

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG2237026-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	94		25-120
Phenol-d6	102		10-120
Nitrobenzene-d5	96		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	95		10-136
4-Terphenyl-d14	87		18-120

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/05/26 08:19
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 07/04/26 10:22

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG2237054-1					
Acenaphthene	ND		ug/l	2.0	0.40
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98
Hexachlorobenzene	ND		ug/l	2.0	0.45
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39
2-Chloronaphthalene	ND		ug/l	2.0	0.35
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84
Fluoranthene	ND		ug/l	2.0	0.41
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84
Hexachlorobutadiene	ND		ug/l	2.0	0.36
Hexachlorocyclopentadiene	ND		ug/l	20	1.2
Hexachloroethane	ND		ug/l	2.0	0.20
Isophorone	ND		ug/l	5.0	0.86
Naphthalene	ND		ug/l	2.0	0.54
Nitrobenzene	ND		ug/l	2.0	0.20
NDPA/DPA	ND		ug/l	2.0	0.92
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/05/26 08:19
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 07/04/26 10:22

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG2237054-1					
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4
Butyl benzyl phthalate	ND		ug/l	5.0	2.6
Di-n-butylphthalate	ND		ug/l	5.0	0.96
Di-n-octylphthalate	ND		ug/l	5.0	2.3
Diethyl phthalate	ND		ug/l	5.0	0.76
Dimethyl phthalate	ND		ug/l	5.0	0.92
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.37
Benzo(b)fluoranthene	ND		ug/l	2.0	0.53
Benzo(k)fluoranthene	ND		ug/l	2.0	0.62
Chrysene	ND		ug/l	2.0	0.22
Acenaphthylene	ND		ug/l	2.0	0.32
Anthracene	ND		ug/l	2.0	0.47
Benzo(ghi)perylene	ND		ug/l	2.0	0.37
Fluorene	ND		ug/l	2.0	0.44
Phenanthrene	ND		ug/l	2.0	0.42
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.29
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.48
Pyrene	ND		ug/l	2.0	0.41
Biphenyl	ND		ug/l	2.0	0.20
4-Chloroaniline	ND		ug/l	5.0	0.47
2-Nitroaniline	ND		ug/l	5.0	1.0
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.4

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/05/26 08:19
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 07/04/26 10:22

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG2237054-1					
Dibenzofuran	ND		ug/l	2.0	0.40
2-Methylnaphthalene	ND		ug/l	2.0	0.37
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24
Acetophenone	ND		ug/l	5.0	0.92
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61
2-Chlorophenol	ND		ug/l	2.0	0.65
2,4-Dichlorophenol	ND		ug/l	5.0	1.7
2,4-Dimethylphenol	ND		ug/l	5.0	2.0
2-Nitrophenol	ND		ug/l	10	2.0
4-Nitrophenol	ND		ug/l	10	1.4
2,4-Dinitrophenol	ND		ug/l	20	5.4
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3
Pentachlorophenol	ND		ug/l	10	2.5
Phenol	ND		ug/l	5.0	0.35
2-Methylphenol	ND		ug/l	5.0	2.3
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1
Benzoic Acid	10.	J	ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.38
Carbazole	ND		ug/l	2.0	0.31

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/05/26 08:19
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 07/04/26 10:22

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG2237054-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		21-120
Phenol-d6	34		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	65		15-120
2,4,6-Tribromophenol	67		10-120
4-Terphenyl-d14	71		41-149

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 07/04/26 20:32
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 07/04/26 10:22

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 06 Batch: WG2237055-1					
Acenaphthene	ND		ug/l	0.10	0.02
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.03
Hexachlorobutadiene	ND		ug/l	0.50	0.02
Naphthalene	0.07	J	ug/l	0.10	0.02
Benzo(a)anthracene	ND		ug/l	0.10	0.03
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03
Chrysene	ND		ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	ND		ug/l	0.10	0.02
Benzo(ghi)perylene	ND		ug/l	0.10	0.02
Fluorene	ND		ug/l	0.10	0.03
Phenanthrene	ND		ug/l	0.10	0.04
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.03
Pentachlorophenol	ND		ug/l	0.80	0.06
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.02

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 07/04/26 20:32
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 07/04/26 10:22

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 06 Batch: WG2237055-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	44		21-120
Phenol-d6	29		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	60		15-120
2,4,6-Tribromophenol	95		10-120
4-Terphenyl-d14	66		41-149

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 168,1633A
Analytical Date: 07/09/26 00:31
Analyst: SL

Extraction Method: EPA 1633
Extraction Date: 07/08/26 13:01

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 06 Batch: WG2238573-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	6.40	4.29
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	3.20	0.640
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.60	0.512
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.40	1.49
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.60	1.31
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.60	0.368
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.60	0.496
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.60	0.704
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.60	0.400
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.40	3.84
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.60	0.496
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.60	0.256
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.60	1.23
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.60	0.416
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.40	3.06
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.60	0.528
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.60	1.15
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.60	0.704
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.60	0.752
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.60	0.912
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.60	0.736
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.60	0.800
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.60	0.736

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 168,1633A
Analytical Date: 07/09/26 00:31
Analyst: SL

Extraction Method: EPA 1633
Extraction Date: 07/08/26 13:01

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 06 Batch: WG2238573-1					
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.60	1.17
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.40	0.944
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.40	1.25
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.60	0.752
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.40	1.25
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.40	3.17
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.60	0.624
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.60	0.464
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	16.0	1.70
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	16.0	1.44
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.20	0.144
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.20	0.832
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.20	0.400
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.20	0.944
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	8.00	2.06
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	40.0	11.5
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	40.0	12.1

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 168,1633A
Analytical Date: 07/09/26 00:31
Analyst: SL

Extraction Method: EPA 1633
Extraction Date: 07/08/26 13:01

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 06 Batch: WG2238573-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	122		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	130		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	103		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	102		40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	**131**	Q	40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	129		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	103		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	125		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	101		40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	103		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	114		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	114		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	89		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	100		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	110		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	106		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	103		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	99		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	83		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	117		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	86		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	92		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	89		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	95		10-130

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 168,1633A
Analytical Date: 07/11/26 10:09
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 07/09/26 07:40
Cleanup Method: EPA 1633
Cleanup Date: 07/09/26

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-05 Batch: WG2239005-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.800	0.536
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.080
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.050
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.154
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.164
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.028
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.072
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.050
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.044
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.480
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.034
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.032
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.104
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.050
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.236
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.094
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.096
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.088
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.094
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.114
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.078
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.100
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.092

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 168,1633A
Analytical Date: 07/11/26 10:09
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 07/09/26 07:40
Cleanup Method: EPA 1633
Cleanup Date: 07/09/26

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-05 Batch: WG2239005-1					
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.146
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.160
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.284
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.094
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.156
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.396
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.060
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.066
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.250
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.242
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.036
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.052
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.048
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.120
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.346
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	1.40
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	1.95

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 168,1633A
Analytical Date: 07/11/26 10:09
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 07/09/26 07:40
Cleanup Method: EPA 1633
Cleanup Date: 07/09/26

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-05 Batch: WG2239005-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	92		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	104		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	89		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	77		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	93		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	96		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	81		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	89		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	86		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	75		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	87		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	88		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	81		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	85		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	83		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	67		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	85		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	52		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	40		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	89		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	15		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	12		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	46		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	43		15-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08

Lab Number: L2641792
Report Date: 07/13/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG2237026-2 WG2237026-3								
Acenaphthene	98		102		31-137	4		50
1,2,4-Trichlorobenzene	79		84		38-107	6		50
Hexachlorobenzene	98		102		40-140	4		50
Bis(2-chloroethyl)ether	101		107		40-140	6		50
2-Chloronaphthalene	88		93		40-140	6		50
1,2-Dichlorobenzene	81		87		40-140	7		50
1,3-Dichlorobenzene	80		85		40-140	6		50
1,4-Dichlorobenzene	83		87		28-104	5		50
3,3'-Dichlorobenzidine	86		91		40-140	6		50
2,4-Dinitrotoluene	116		122		40-132	5		50
2,6-Dinitrotoluene	98		104		40-140	6		50
Fluoranthene	102		106		40-140	4		50
4-Chlorophenyl phenyl ether	96		100		40-140	4		50
4-Bromophenyl phenyl ether	99		104		40-140	5		50
Bis(2-chloroisopropyl)ether	131		138		40-140	5		50
Bis(2-chloroethoxy)methane	99		104		40-117	5		50
Hexachlorobutadiene	84		91		40-140	8		50
Hexachlorocyclopentadiene	79		86		40-140	8		50
Hexachloroethane	91		96		40-140	5		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08

Lab Number: L2641792
Report Date: 07/13/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG2237026-2 WG2237026-3								
Isophorone	101		104		40-140	3		50
Naphthalene	93		100		40-140	7		50
Nitrobenzene	105		111		40-140	6		50
NDPA/DPA	93		97		36-157	4		50
n-Nitrosodi-n-propylamine	98		102		32-121	4		50
Bis(2-ethylhexyl)phthalate	116		126		40-140	8		50
Butyl benzyl phthalate	111		117		40-140	5		50
Di-n-butylphthalate	112		119		40-140	6		50
Di-n-octylphthalate	117		129		40-140	10		50
Diethyl phthalate	102		106		40-140	4		50
Dimethyl phthalate	87		92		40-140	6		50
Benzo(a)anthracene	100		107		40-140	7		50
Benzo(a)pyrene	114		122		40-140	7		50
Benzo(b)fluoranthene	112		125		40-140	11		50
Benzo(k)fluoranthene	104		109		40-140	5		50
Chrysene	102		109		40-140	7		50
Acenaphthylene	90		96		40-140	6		50
Anthracene	101		107		40-140	6		50
Benzo(ghi)perylene	104		113		40-140	8		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08

Lab Number: L2641792
Report Date: 07/13/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG2237026-2 WG2237026-3								
Fluorene	100		104		40-140	4		50
Phenanthrene	98		103		40-140	5		50
Dibenzo(a,h)anthracene	104		113		40-140	8		50
Indeno(1,2,3-cd)pyrene	106		117		40-140	10		50
Pyrene	100		106		35-142	6		50
Biphenyl	82		86		37-127	5		50
4-Chloroaniline	73		74		40-140	1		50
2-Nitroaniline	105		110		47-134	5		50
3-Nitroaniline	95		95		26-129	0		50
4-Nitroaniline	98		106		41-125	8		50
Dibenzofuran	92		95		40-140	3		50
2-Methylnaphthalene	90		95		40-140	5		50
1,2,4,5-Tetrachlorobenzene	79		85		40-117	7		50
Acetophenone	93		98		14-144	5		50
2,4,6-Trichlorophenol	86		92		30-130	7		50
p-Chloro-m-cresol	99		**105**	Q	26-103	6		50
2-Chlorophenol	95		101		25-102	6		50
2,4-Dichlorophenol	90		95		30-130	5		50
2,4-Dimethylphenol	96		101		30-130	5		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG2237026-2 WG2237026-3								
2-Nitrophenol	106		113		30-130	6		50
4-Nitrophenol	**121**	Q	**128**	Q	11-114	6		50
2,4-Dinitrophenol	96		102		4-130	6		50
4,6-Dinitro-o-cresol	100		105		10-130	5		50
Pentachlorophenol	94		98		17-109	4		50
Phenol	**97**	Q	**102**	Q	26-90	5		50
2-Methylphenol	96		102		30-130	6		50
3-Methylphenol/4-Methylphenol	96		101		30-130	5		50
2,4,5-Trichlorophenol	89		94		30-130	5		50
Benzoic Acid	84		92		10-110	9		50
Benzyl Alcohol	102		108		40-140	6		50
Carbazole	93		99		54-128	6		50
1,4-Dioxane	74		75		40-140	1		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08

Lab Number: L2641792
Report Date: 07/13/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG2237026-2 WG2237026-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	98		103		25-120
Phenol-d6	108		112		10-120
Nitrobenzene-d5	103		108		23-120
2-Fluorobiphenyl	84		88		30-120
2,4,6-Tribromophenol	106		110		10-136
4-Terphenyl-d14	96		98		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08

Lab Number: L2641792
Report Date: 07/13/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG2237054-2 WG2237054-3								
Acenaphthene	64		78		37-111	20		30
1,2,4-Trichlorobenzene	48		49		39-98	2		30
Hexachlorobenzene	63		84		40-140	29		30
Bis(2-chloroethyl)ether	60		78		40-140	26		30
2-Chloronaphthalene	55		67		40-140	20		30
1,2-Dichlorobenzene	50		54		40-140	8		30
1,3-Dichlorobenzene	49		51		40-140	4		30
1,4-Dichlorobenzene	51		51		36-97	0		30
3,3'-Dichlorobenzidine	58		93		40-140	**46**	Q	30
2,4-Dinitrotoluene	62		88		48-143	**35**	Q	30
2,6-Dinitrotoluene	57		83		40-140	**37**	Q	30
Fluoranthene	63		86		40-140	**31**	Q	30
4-Chlorophenyl phenyl ether	60		77		40-140	25		30
4-Bromophenyl phenyl ether	60		82		40-140	**31**	Q	30
Bis(2-chloroisopropyl)ether	70		90		40-140	25		30
Bis(2-chloroethoxy)methane	58		75		40-140	26		30
Hexachlorobutadiene	51		45		40-140	13		30
Hexachlorocyclopentadiene	40		40		40-140	0		30
Hexachloroethane	48		45		40-140	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08

Lab Number: L2641792
Report Date: 07/13/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG2237054-2 WG2237054-3								
Isophorone	53		69		40-140	26		30
Naphthalene	59		68		40-140	14		30
Nitrobenzene	56		76		40-140	30		30
NDPA/DPA	51		79		40-140	**43**	Q	30
n-Nitrosodi-n-propylamine	53		68		29-132	25		30
Bis(2-ethylhexyl)phthalate	67		94		40-140	**34**	Q	30
Butyl benzyl phthalate	73		99		40-140	30		30
Di-n-butylphthalate	66		93		40-140	**34**	Q	30
Di-n-octylphthalate	77		101		40-140	27		30
Diethyl phthalate	61		83		40-140	**31**	Q	30
Dimethyl phthalate	56		77		40-140	**32**	Q	30
Benzo(a)anthracene	66		90		40-140	**31**	Q	30
Benzo(a)pyrene	75		103		40-140	**31**	Q	30
Benzo(b)fluoranthene	70		93		40-140	28		30
Benzo(k)fluoranthene	76		102		40-140	29		30
Chrysene	67		90		40-140	29		30
Acenaphthylene	57		74		45-123	26		30
Anthracene	63		86		40-140	**31**	Q	30
Benzo(ghi)perylene	70		94		40-140	29		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08

Lab Number: L2641792
Report Date: 07/13/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG2237054-2 WG2237054-3								
Fluorene	63		82		40-140	26		30
Phenanthrene	63		84		40-140	29		30
Dibenzo(a,h)anthracene	70		95		40-140	30		30
Indeno(1,2,3-cd)pyrene	71		97		40-140	**31**	Q	30
Pyrene	62		84		26-127	30		30
Biphenyl	53		64		40-140	19		30
4-Chloroaniline	59		69		40-140	16		30
2-Nitroaniline	59		85		52-143	**36**	Q	30
3-Nitroaniline	66		80		25-145	19		30
4-Nitroaniline	67		87		51-143	26		30
Dibenzofuran	60		76		40-140	24		30
2-Methylnaphthalene	56		63		40-140	12		30
1,2,4,5-Tetrachlorobenzene	48		53		2-134	10		30
Acetophenone	58		72		39-129	22		30
2,4,6-Trichlorophenol	56		78		30-130	**33**	Q	30
p-Chloro-m-cresol	60		80		23-97	29		30
2-Chlorophenol	63		76		27-123	19		30
2,4-Dichlorophenol	60		77		30-130	25		30
2,4-Dimethylphenol	52		70		30-130	30		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG2237054-2 WG2237054-3								
2-Nitrophenol	59		77		30-130	26		30
4-Nitrophenol	38		50		10-80	27		30
2,4-Dinitrophenol	50		64		20-130	25		30
4,6-Dinitro-o-cresol	66		82		20-164	22		30
Pentachlorophenol	50		71		9-103	**35**	Q	30
Phenol	36		43		12-110	18		30
2-Methylphenol	56		68		30-130	19		30
3-Methylphenol/4-Methylphenol	54		66		30-130	20		30
2,4,5-Trichlorophenol	57		79		30-130	**32**	Q	30
Benzoic Acid	70		80		10-164	13		30
Benzyl Alcohol	56		65		26-116	15		30
Carbazole	60		83		55-144	**32**	Q	30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08

Lab Number: L2641792
Report Date: 07/13/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG2237054-2 WG2237054-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	47		55		21-120
Phenol-d6	31		39		10-120
Nitrobenzene-d5	53		72		23-120
2-Fluorobiphenyl	50		66		15-120
2,4,6-Tribromophenol	59		88		10-120
4-Terphenyl-d14	57		75		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08

Lab Number: L2641792
Report Date: 07/13/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab	Associated sample(s): 06		Batch:		WG2237055-2	WG2237055-3		
Acenaphthene	68		82		40-140	19		40
2-Chloronaphthalene	57		63		40-140	10		40
Fluoranthene	71		95		40-140	29		40
Hexachlorobutadiene	44		**38**	Q	40-140	15		40
Naphthalene	57		63		40-140	10		40
Benzo(a)anthracene	74		96		40-140	26		40
Benzo(a)pyrene	82		107		40-140	26		40
Benzo(b)fluoranthene	86		113		40-140	27		40
Benzo(k)fluoranthene	75		92		40-140	20		40
Chrysene	72		94		40-140	27		40
Acenaphthylene	62		75		40-140	19		40
Anthracene	71		94		40-140	28		40
Benzo(ghi)perylene	82		104		40-140	24		40
Fluorene	72		90		40-140	22		40
Phenanthrene	71		92		40-140	26		40
Dibenzo(a,h)anthracene	87		110		40-140	23		40
Indeno(1,2,3-cd)pyrene	94		120		40-140	24		40
Pyrene	70		95		40-140	30		40
2-Methylnaphthalene	58		62		40-140	7		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 06 Batch: WG2237055-2 WG2237055-3								
Pentachlorophenol	90		122		40-140	30		40
Hexachlorobenzene	72		90		40-140	22		40
Hexachloroethane	51		47		40-140	8		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	44		51		21-120
Phenol-d6	31		36		10-120
Nitrobenzene-d5	59		75		23-120
2-Fluorobiphenyl	48		60		15-120
2,4,6-Tribromophenol	84		113		10-120
4-Terphenyl-d14	56		73		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08

Lab Number: L2641792
Report Date: 07/13/26

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 06 Batch: WG2238573-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	105		-		70-140	-		
Perfluoropentanoic Acid (PFPeA)	104		-		65-135	-		
Perfluorobutanesulfonic Acid (PFBS)	123		-		60-145	-		
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	114		-		70-145	-		
Perfluorohexanoic Acid (PFHxA)	100		-		70-145	-		
Perfluoropentanesulfonic Acid (PFPeS)	112		-		65-140	-		
Perfluoroheptanoic Acid (PFHpA)	108		-		70-150	-		
Perfluorohexanesulfonic Acid (PFHxS)	110		-		65-145	-		
Perfluorooctanoic Acid (PFOA)	102		-		70-150	-		
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	108		-		65-155	-		
Perfluoroheptanesulfonic Acid (PFHpS)	116		-		70-150	-		
Perfluorononanoic Acid (PFNA)	104		-		70-150	-		
Perfluorooctanesulfonic Acid (PFOS)	112		-		55-150	-		
Perfluorodecanoic Acid (PFDA)	114		-		70-140	-		
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	105		-		60-150	-		
Perfluorononanesulfonic Acid (PFNS)	109		-		65-145	-		
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	84		-		50-140	-		
Perfluoroundecanoic Acid (PFUnA)	106		-		70-145	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 06 Batch: WG2238573-2 LOW LEVEL								
Perfluorodecanesulfonic Acid (PFDS)	88		-		60-145	-		
Perfluorooctanesulfonamide (PFOSA)	104		-		70-145	-		
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	86		-		70-145	-		
Perfluorododecanoic Acid (PFDoA)	106		-		70-140	-		
Perfluorotridecanoic Acid (PFTrDA)	90		-		65-140	-		
Perfluorotetradecanoic Acid (PFTeDA)	107		-		60-140	-		
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	109		-		70-140	-		
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	113		-		65-145	-		
Perfluorododecanesulfonic Acid (PFDoS)	93		-		50-145	-		
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	122		-		70-155	-		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	97		-		55-160	-		
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	108		-		60-150	-		
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	111		-		65-145	-		
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	97		-		70-145	-		
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	102		-		70-135	-		
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	104		-		55-140	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08

Lab Number: L2641792
Report Date: 07/13/26

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 06 Batch: WG2238573-2 LOW LEVEL								
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	108		-		60-150	-		
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	117		-		70-140	-		
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	89		-		50-150	-		
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	110		-		65-130	-		
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	110		-		70-135	-		
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	85		-		50-145	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 06 Batch: WG2238573-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	99				5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	103				40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	80				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	80				40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	104				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	106				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	84				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	99				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	77				40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	88				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	93				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	99				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	70				40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	73				40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	91				30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	80				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	76				25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	82				10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	70				10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	98				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	64				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	67				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	72				10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	68				10-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08

Lab Number: L2641792
Report Date: 07/13/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 06 Batch: WG2238573-3								
Perfluorobutanoic Acid (PFBA)	104		-		70-140	-		
Perfluoropentanoic Acid (PFPeA)	106		-		65-135	-		
Perfluorobutanesulfonic Acid (PFBS)	107		-		60-145	-		
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	108		-		70-145	-		
Perfluorohexanoic Acid (PFHxA)	94		-		70-145	-		
Perfluoropentanesulfonic Acid (PFPeS)	112		-		65-140	-		
Perfluoroheptanoic Acid (PFHpA)	106		-		70-150	-		
Perfluorohexanesulfonic Acid (PFHxS)	106		-		65-145	-		
Perfluorooctanoic Acid (PFOA)	100		-		70-150	-		
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	109		-		65-155	-		
Perfluoroheptanesulfonic Acid (PFHpS)	124		-		70-150	-		
Perfluorononanoic Acid (PFNA)	94		-		70-150	-		
Perfluorooctanesulfonic Acid (PFOS)	114		-		55-150	-		
Perfluorodecanoic Acid (PFDA)	118		-		70-140	-		
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	118		-		60-150	-		
Perfluorononanesulfonic Acid (PFNS)	115		-		65-145	-		
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	108		-		50-140	-		
Perfluoroundecanoic Acid (PFUnA)	109		-		70-145	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 06 Batch: WG2238573-3								
Perfluorodecanesulfonic Acid (PFDS)	108		-		60-145	-		
Perfluorooctanesulfonamide (PFOSA)	106		-		70-145	-		
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	104		-		70-145	-		
Perfluorododecanoic Acid (PFDoA)	114		-		70-140	-		
Perfluorotridecanoic Acid (PFTrDA)	94		-		65-140	-		
Perfluorotetradecanoic Acid (PFTeDA)	104		-		60-140	-		
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	108		-		70-140	-		
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	98		-		65-145	-		
Perfluorododecanesulfonic Acid (PFDoS)	92		-		50-145	-		
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	122		-		70-155	-		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	108		-		55-160	-		
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	112		-		60-150	-		
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	110		-		65-145	-		
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	108		-		70-145	-		
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	104		-		70-135	-		
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	107		-		55-140	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 06 Batch: WG2238573-3								
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	111		-		60-150	-		
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	116		-		70-140	-		
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	88		-		50-150	-		
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	94		-		65-130	-		
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	107		-		70-135	-		
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	80		-		50-145	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 06 Batch: WG2238573-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	101				5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	98				40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	86				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	83				40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	101				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	102				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	84				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	102				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	85				40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	101				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	91				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	99				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	79				40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	79				40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	92				30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	88				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	80				25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	83				10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	70				10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	92				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	70				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	72				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	73				10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	77				10-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08

Lab Number: L2641792
Report Date: 07/13/26

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-05 Batch: WG2239005-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	112		-		70-140	-		
Perfluoropentanoic Acid (PFPeA)	105		-		60-150	-		
Perfluorobutanesulfonic Acid (PFBS)	114		-		65-145	-		
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	113		-		60-150	-		
Perfluorohexanoic Acid (PFHxA)	97		-		65-140	-		
Perfluoropentanesulfonic Acid (PFPeS)	98		-		55-160	-		
Perfluoroheptanoic Acid (PFHpA)	110		-		65-145	-		
Perfluorohexanesulfonic Acid (PFHxS)	111		-		60-150	-		
Perfluorooctanoic Acid (PFOA)	128		-		70-150	-		
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	115		-		55-200	-		
Perfluoroheptanesulfonic Acid (PFHpS)	91		-		65-155	-		
Perfluorononanoic Acid (PFNA)	102		-		70-155	-		
Perfluorooctanesulfonic Acid (PFOS)	104		-		65-160	-		
Perfluorodecanoic Acid (PFDA)	112		-		70-155	-		
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	114		-		70-150	-		
Perfluorononanesulfonic Acid (PFNS)	93		-		55-140	-		
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	94		-		65-155	-		
Perfluoroundecanoic Acid (PFUnA)	110		-		70-155	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-05 Batch: WG2239005-2 LOW LEVEL								
Perfluorodecanesulfonic Acid (PFDS)	74		-		40-155	-		
Perfluorooctanesulfonamide (PFOSA)	94		-		70-140	-		
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	90		-		65-165	-		
Perfluorododecanoic Acid (PFDoA)	106		-		70-150	-		
Perfluorotridecanoic Acid (PFTrDA)	106		-		65-150	-		
Perfluorotetradecanoic Acid (PFTeDA)	116		-		65-150	-		
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	123		-		70-145	-		
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	96		-		70-160	-		
Perfluorododecanesulfonic Acid (PFDoS)	61		-		25-160	-		
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	111		-		70-150	-		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	92		-		45-160	-		
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	98		-		70-155	-		
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	97		-		70-140	-		
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	104		-		70-140	-		
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	106		-		70-135	-		
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	99		-		30-140	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08

Lab Number: L2641792
Report Date: 07/13/26

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-05 Batch: WG2239005-2 LOW LEVEL								
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	107		-		60-150	-		
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	90		-		70-140	-		
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	90		-		60-155	-		
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	92		-		45-130	-		
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	98		-		60-130	-		
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	84		-		60-150	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-05 Batch: WG2239005-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	94				8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	101				35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	87				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	86				40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	107				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	100				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	78				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	87				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	84				40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	87				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	93				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	98				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	84				40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	87				40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	90				40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	80				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	85				40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	63				40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	52				20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	85				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	26				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	23				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	53				20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	55				15-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08

Lab Number: L2641792
Report Date: 07/13/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-05 Batch: WG2239005-3								
Perfluorobutanoic Acid (PFBA)	110		-		70-140	-		
Perfluoropentanoic Acid (PFPeA)	114		-		60-150	-		
Perfluorobutanesulfonic Acid (PFBS)	106		-		65-145	-		
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	110		-		60-150	-		
Perfluorohexanoic Acid (PFHxA)	102		-		65-140	-		
Perfluoropentanesulfonic Acid (PFPeS)	101		-		55-160	-		
Perfluoroheptanoic Acid (PFHpA)	120		-		65-145	-		
Perfluorohexanesulfonic Acid (PFHxS)	90		-		60-150	-		
Perfluorooctanoic Acid (PFOA)	106		-		70-150	-		
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	119		-		55-200	-		
Perfluoroheptanesulfonic Acid (PFHpS)	104		-		65-155	-		
Perfluorononanoic Acid (PFNA)	106		-		70-155	-		
Perfluorooctanesulfonic Acid (PFOS)	111		-		65-160	-		
Perfluorodecanoic Acid (PFDA)	122		-		70-155	-		
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	116		-		70-150	-		
Perfluorononanesulfonic Acid (PFNS)	104		-		55-140	-		
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	114		-		65-155	-		
Perfluoroundecanoic Acid (PFUnA)	109		-		70-155	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-05 Batch: WG2239005-3								
Perfluorodecanesulfonic Acid (PFDS)	86		-		40-155	-		
Perfluorooctanesulfonamide (PFOSA)	97		-		70-140	-		
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	110		-		65-165	-		
Perfluorododecanoic Acid (PFDoA)	116		-		70-150	-		
Perfluorotridecanoic Acid (PFTrDA)	85		-		65-150	-		
Perfluorotetradecanoic Acid (PFTeDA)	101		-		65-150	-		
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	111		-		70-145	-		
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	111		-		70-160	-		
Perfluorododecanesulfonic Acid (PFDoS)	48		-		25-160	-		
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	120		-		70-150	-		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	96		-		45-160	-		
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	131		-		70-155	-		
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	120		-		70-140	-		
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	104		-		70-140	-		
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	110		-		70-135	-		
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	106		-		30-140	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-05 Batch: WG2239005-3								
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	112		-		60-150	-		
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	107		-		70-140	-		
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	93		-		60-155	-		
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	108		-		45-130	-		
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	109		-		60-130	-		
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	84		-		60-150	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-05 Batch: WG2239005-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	92				8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	104				35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	94				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	100				40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	104				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	103				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	100				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	95				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	94				40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	84				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	96				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	94				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	92				40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	103				40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	82				40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	83				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	96				40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	56				40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	36				20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	94				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	24				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	23				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	54				20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	52				15-130

PCBS

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-01
Client ID: EP-01_10
Sample Location: BROOKLYN, NY

Date Collected: 07/02/26 08:30
Date Received: 07/02/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/06/26 13:56
Analyst: EMR
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 07/04/26 23:42
Cleanup Method: EPA 3665A
Cleanup Date: 07/05/26
Cleanup Method: EPA 3660B
Cleanup Date: 07/05/26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	56.9	5.05	1	A
Aroclor 1221	ND		ug/kg	56.9	5.70	1	A
Aroclor 1232	ND		ug/kg	56.9	12.0	1	A
Aroclor 1242	ND		ug/kg	56.9	7.67	1	A
Aroclor 1248	ND		ug/kg	56.9	8.53	1	A
Aroclor 1254	ND		ug/kg	56.9	6.22	1	A
Aroclor 1260	18.7	J	ug/kg	56.9	10.5	1	A
Aroclor 1262	ND		ug/kg	56.9	7.22	1	A
Aroclor 1268	ND		ug/kg	56.9	5.89	1	A
PCBs, Total	18.7	J	ug/kg	56.9	5.05	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-02
Client ID: EP-02_10
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/06/26 14:04
Analyst: EMR
Percent Solids: 88%

Date Collected: 07/02/26 08:45
Date Received: 07/02/26
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/04/26 23:42
Cleanup Method: EPA 3665A
Cleanup Date: 07/05/26
Cleanup Method: EPA 3660B
Cleanup Date: 07/05/26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	53.4	4.74	1	A
Aroclor 1221	ND		ug/kg	53.4	5.35	1	A
Aroclor 1232	ND		ug/kg	53.4	11.3	1	A
Aroclor 1242	ND		ug/kg	53.4	7.20	1	A
Aroclor 1248	ND		ug/kg	53.4	8.01	1	A
Aroclor 1254	ND		ug/kg	53.4	5.84	1	A
Aroclor 1260	ND		ug/kg	53.4	9.87	1	A
Aroclor 1262	ND		ug/kg	53.4	6.78	1	A
Aroclor 1268	ND		ug/kg	53.4	5.53	1	A
PCBs, Total	ND		ug/kg	53.4	4.74	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	87		30-150	A
Decachlorobiphenyl	82		30-150	A
2,4,5,6-Tetrachloro-m-xylene	97		30-150	B
Decachlorobiphenyl	91		30-150	B

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-03
Client ID: EP-03_10
Sample Location: BROOKLYN, NY

Date Collected: 07/02/26 08:15
Date Received: 07/02/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/06/26 16:50
Analyst: AGP
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 07/04/26 23:42
Cleanup Method: EPA 3665A
Cleanup Date: 07/05/26
Cleanup Method: EPA 3660B
Cleanup Date: 07/05/26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	54.6	4.85	1	A
Aroclor 1221	ND		ug/kg	54.6	5.48	1	A
Aroclor 1232	ND		ug/kg	54.6	11.6	1	A
Aroclor 1242	ND		ug/kg	54.6	7.36	1	A
Aroclor 1248	ND		ug/kg	54.6	8.20	1	A
Aroclor 1254	ND		ug/kg	54.6	5.98	1	A
Aroclor 1260	ND		ug/kg	54.6	10.1	1	A
Aroclor 1262	ND		ug/kg	54.6	6.94	1	A
Aroclor 1268	ND		ug/kg	54.6	5.66	1	A
PCBs, Total	ND		ug/kg	54.6	4.85	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	42		30-150	A
Decachlorobiphenyl	43		30-150	A
2,4,5,6-Tetrachloro-m-xylene	49		30-150	B
Decachlorobiphenyl	46		30-150	B

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-04
Client ID: EP-04_10
Sample Location: BROOKLYN, NY
Date Collected: 07/02/26 07:45
Date Received: 07/02/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/06/26 16:57
Analyst: AGP
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 07/04/26 23:42
Cleanup Method: EPA 3665A
Cleanup Date: 07/05/26
Cleanup Method: EPA 3660B
Cleanup Date: 07/05/26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	54.6	4.85	1	A
Aroclor 1221	ND		ug/kg	54.6	5.47	1	A
Aroclor 1232	ND		ug/kg	54.6	11.6	1	A
Aroclor 1242	ND		ug/kg	54.6	7.36	1	A
Aroclor 1248	ND		ug/kg	54.6	8.19	1	A
Aroclor 1254	ND		ug/kg	54.6	5.97	1	A
Aroclor 1260	ND		ug/kg	54.6	10.1	1	A
Aroclor 1262	ND		ug/kg	54.6	6.94	1	A
Aroclor 1268	ND		ug/kg	54.6	5.66	1	A
PCBs, Total	ND		ug/kg	54.6	4.85	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	51		30-150	A
Decachlorobiphenyl	82		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	86		30-150	B

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-05
Client ID: EP-06_10
Sample Location: BROOKLYN, NY

Date Collected: 07/02/26 09:15
Date Received: 07/02/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/06/26 17:05
Analyst: AGP
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 07/04/26 23:42
Cleanup Method: EPA 3665A
Cleanup Date: 07/05/26
Cleanup Method: EPA 3660B
Cleanup Date: 07/05/26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	51.6	4.58	1	A
Aroclor 1221	ND		ug/kg	51.6	5.17	1	A
Aroclor 1232	ND		ug/kg	51.6	10.9	1	A
Aroclor 1242	ND		ug/kg	51.6	6.95	1	A
Aroclor 1248	ND		ug/kg	51.6	7.73	1	A
Aroclor 1254	ND		ug/kg	51.6	5.64	1	A
Aroclor 1260	ND		ug/kg	51.6	9.53	1	A
Aroclor 1262	ND		ug/kg	51.6	6.55	1	A
Aroclor 1268	ND		ug/kg	51.6	5.34	1	A
PCBs, Total	ND		ug/kg	51.6	4.58	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	50		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	56		30-150	B
Decachlorobiphenyl	67		30-150	B

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 07/06/26 12:16
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 07/04/26 23:42
Cleanup Method: EPA 3665A
Cleanup Date: 07/05/26
Cleanup Method: EPA 3660B
Cleanup Date: 07/05/26

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-05 Batch: WG2237147-1						
Aroclor 1016	ND		ug/kg	47.8	4.24	A
Aroclor 1221	ND		ug/kg	47.8	4.78	A
Aroclor 1232	ND		ug/kg	47.8	10.1	A
Aroclor 1242	ND		ug/kg	47.8	6.44	A
Aroclor 1248	ND		ug/kg	47.8	7.16	A
Aroclor 1254	ND		ug/kg	47.8	5.22	A
Aroclor 1260	ND		ug/kg	47.8	8.82	A
Aroclor 1262	ND		ug/kg	47.8	6.06	A
Aroclor 1268	ND		ug/kg	47.8	4.95	A
PCBs, Total	ND		ug/kg	47.8	4.24	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	54		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	83		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-05 Batch: WG2237147-2 WG2237147-3									
Aroclor 1016	88		88		40-140	0		50	A
Aroclor 1260	81		82		40-140	1		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	54		53		30-150	A
Decachlorobiphenyl	82		82		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		62		30-150	B
Decachlorobiphenyl	86		87		30-150	B

PESTICIDES

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-01
Client ID: EP-01_10
Sample Location: BROOKLYN, NY

Date Collected: 07/02/26 08:30
Date Received: 07/02/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/05/26 14:30
Analyst: JAG
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 07/04/26 15:29
Cleanup Method: EPA 3620B
Cleanup Date: 07/05/26
Cleanup Method: EPA 3660B
Cleanup Date: 07/05/26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.83	0.358	1	A
Lindane	ND		ug/kg	0.762	0.340	1	A
Alpha-BHC	ND		ug/kg	0.762	0.216	1	A
Beta-BHC	ND		ug/kg	1.83	0.693	1	A
Heptachlor	ND		ug/kg	0.914	0.410	1	A
Aldrin	ND		ug/kg	1.83	0.644	1	A
Heptachlor epoxide	ND		ug/kg	3.43	1.03	1	A
Endrin	ND		ug/kg	0.762	0.312	1	A
Endrin aldehyde	ND		ug/kg	2.28	0.800	1	A
Endrin ketone	ND		ug/kg	1.83	0.471	1	A
Dieldrin	ND		ug/kg	1.14	0.571	1	A
4,4'-DDE	ND		ug/kg	1.83	0.423	1	A
4,4'-DDD	ND		ug/kg	1.83	0.652	1	A
4,4'-DDT	ND	IP	ug/kg	1.83	1.47	1	A
Endosulfan I	ND		ug/kg	1.83	0.432	1	A
Endosulfan II	ND		ug/kg	1.83	0.611	1	A
Endosulfan sulfate	ND		ug/kg	0.762	0.362	1	A
Methoxychlor	ND		ug/kg	3.43	1.07	1	A
Toxaphene	ND		ug/kg	34.3	9.60	1	A
cis-Chlordane	3.26		ug/kg	2.28	0.637	1	A
trans-Chlordane	1.74	JIP	ug/kg	2.28	0.603	1	A
Chlordane	ND		ug/kg	15.2	6.05	1	A

Project Name: 860 FLUSHING AVENUE
Lab Number: L2641792
Project Number: 0211437-000-006-08
Report Date: 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-01
Client ID: EP-01_10
Sample Location: BROOKLYN, NY
Date Collected: 07/02/26 08:30
Date Received: 07/02/26
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-02
Client ID: EP-02_10
Sample Location: BROOKLYN, NY

Date Collected: 07/02/26 08:45
Date Received: 07/02/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/05/26 14:41
Analyst: JAG
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 07/04/26 15:29
Cleanup Method: EPA 3620B
Cleanup Date: 07/05/26
Cleanup Method: EPA 3660B
Cleanup Date: 07/05/26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.77	0.346	1	A
Lindane	ND		ug/kg	0.737	0.329	1	A
Alpha-BHC	ND		ug/kg	0.737	0.209	1	A
Beta-BHC	ND		ug/kg	1.77	0.670	1	A
Heptachlor	ND		ug/kg	0.884	0.396	1	A
Aldrin	ND		ug/kg	1.77	0.623	1	A
Heptachlor epoxide	ND		ug/kg	3.32	0.995	1	A
Endrin	ND		ug/kg	0.737	0.302	1	A
Endrin aldehyde	ND		ug/kg	2.21	0.774	1	A
Endrin ketone	ND		ug/kg	1.77	0.455	1	A
Dieldrin	ND		ug/kg	1.10	0.553	1	A
4,4'-DDE	ND		ug/kg	1.77	0.409	1	A
4,4'-DDD	ND		ug/kg	1.77	0.631	1	A
4,4'-DDT	ND		ug/kg	1.77	1.42	1	A
Endosulfan I	ND		ug/kg	1.77	0.418	1	A
Endosulfan II	ND		ug/kg	1.77	0.591	1	A
Endosulfan sulfate	ND		ug/kg	0.737	0.351	1	A
Methoxychlor	ND		ug/kg	3.32	1.03	1	A
Toxaphene	ND		ug/kg	33.2	9.28	1	A
cis-Chlordane	ND		ug/kg	2.21	0.616	1	A
trans-Chlordane	ND		ug/kg	2.21	0.584	1	A
Chlordane	ND		ug/kg	14.7	5.86	1	A

Project Name: 860 FLUSHING AVENUE
Lab Number: L2641792
Project Number: 0211437-000-006-08
Report Date: 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-02
Client ID: EP-02_10
Sample Location: BROOKLYN, NY
Date Collected: 07/02/26 08:45
Date Received: 07/02/26
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-03
Client ID: EP-03_10
Sample Location: BROOKLYN, NY

Date Collected: 07/02/26 08:15
Date Received: 07/02/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/05/26 14:52
Analyst: JAG
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 07/04/26 15:29
Cleanup Method: EPA 3620B
Cleanup Date: 07/05/26
Cleanup Method: EPA 3660B
Cleanup Date: 07/05/26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.70	0.332	1	A
Lindane	ND		ug/kg	0.706	0.316	1	A
Alpha-BHC	ND		ug/kg	0.706	0.201	1	A
Beta-BHC	ND		ug/kg	1.70	0.643	1	A
Heptachlor	ND		ug/kg	0.848	0.380	1	A
Aldrin	ND		ug/kg	1.70	0.597	1	A
Heptachlor epoxide	ND		ug/kg	3.18	0.954	1	A
Endrin	ND		ug/kg	0.706	0.290	1	A
Endrin aldehyde	ND		ug/kg	2.12	0.742	1	A
Endrin ketone	ND		ug/kg	1.70	0.437	1	A
Dieldrin	ND		ug/kg	1.06	0.530	1	A
4,4'-DDE	ND		ug/kg	1.70	0.392	1	A
4,4'-DDD	ND		ug/kg	1.70	0.605	1	A
4,4'-DDT	ND		ug/kg	1.70	1.36	1	A
Endosulfan I	ND		ug/kg	1.70	0.401	1	A
Endosulfan II	ND		ug/kg	1.70	0.567	1	A
Endosulfan sulfate	ND		ug/kg	0.706	0.336	1	A
Methoxychlor	ND		ug/kg	3.18	0.989	1	A
Toxaphene	ND		ug/kg	31.8	8.90	1	A
cis-Chlordane	ND		ug/kg	2.12	0.591	1	A
trans-Chlordane	ND		ug/kg	2.12	0.560	1	A
Chlordane	ND		ug/kg	14.1	5.62	1	A

Project Name: 860 FLUSHING AVENUE
Lab Number: L2641792
Project Number: 0211437-000-006-08
Report Date: 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-03
Client ID: EP-03_10
Sample Location: BROOKLYN, NY
Date Collected: 07/02/26 08:15
Date Received: 07/02/26
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	81		30-150	B

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-04
Client ID: EP-04_10
Sample Location: BROOKLYN, NY

Date Collected: 07/02/26 07:45
Date Received: 07/02/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/05/26 15:03
Analyst: JAG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 07/04/26 15:29
Cleanup Method: EPA 3620B
Cleanup Date: 07/05/26
Cleanup Method: EPA 3660B
Cleanup Date: 07/05/26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.82	0.356	1	A
Lindane	ND		ug/kg	0.758	0.339	1	A
Alpha-BHC	ND		ug/kg	0.758	0.215	1	A
Beta-BHC	ND		ug/kg	1.82	0.690	1	A
Heptachlor	ND		ug/kg	0.909	0.408	1	A
Aldrin	ND		ug/kg	1.82	0.640	1	A
Heptachlor epoxide	ND		ug/kg	3.41	1.02	1	A
Endrin	ND		ug/kg	0.758	0.311	1	A
Endrin aldehyde	ND		ug/kg	2.27	0.796	1	A
Endrin ketone	ND		ug/kg	1.82	0.468	1	A
Dieldrin	ND		ug/kg	1.14	0.568	1	A
4,4'-DDE	ND		ug/kg	1.82	0.420	1	A
4,4'-DDD	ND		ug/kg	1.82	0.649	1	A
4,4'-DDT	ND		ug/kg	1.82	1.46	1	A
Endosulfan I	ND		ug/kg	1.82	0.430	1	A
Endosulfan II	ND		ug/kg	1.82	0.608	1	A
Endosulfan sulfate	ND		ug/kg	0.758	0.361	1	A
Methoxychlor	ND		ug/kg	3.41	1.06	1	A
Toxaphene	ND		ug/kg	34.1	9.55	1	A
cis-Chlordane	ND		ug/kg	2.27	0.634	1	A
trans-Chlordane	ND		ug/kg	2.27	0.600	1	A
Chlordane	ND		ug/kg	15.2	6.02	1	A

Project Name: 860 FLUSHING AVENUE
Lab Number: L2641792
Project Number: 0211437-000-006-08
Report Date: 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-04
Client ID: EP-04_10
Sample Location: BROOKLYN, NY
Date Collected: 07/02/26 07:45
Date Received: 07/02/26
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	89		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	81		30-150	B

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-05
Client ID: EP-06_10
Sample Location: BROOKLYN, NY

Date Collected: 07/02/26 09:15
Date Received: 07/02/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/05/26 15:14
Analyst: JAG
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 07/04/26 15:29
Cleanup Method: EPA 3620B
Cleanup Date: 07/05/26
Cleanup Method: EPA 3660B
Cleanup Date: 07/05/26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.70	0.334	1	A
Lindane	ND		ug/kg	0.710	0.317	1	A
Alpha-BHC	ND		ug/kg	0.710	0.202	1	A
Beta-BHC	ND		ug/kg	1.70	0.646	1	A
Heptachlor	ND		ug/kg	0.852	0.382	1	A
Aldrin	ND		ug/kg	1.70	0.600	1	A
Heptachlor epoxide	ND		ug/kg	3.20	0.959	1	A
Endrin	ND		ug/kg	0.710	0.291	1	A
Endrin aldehyde	ND		ug/kg	2.13	0.746	1	A
Endrin ketone	ND		ug/kg	1.70	0.439	1	A
Dieldrin	ND		ug/kg	1.06	0.532	1	A
4,4'-DDE	ND		ug/kg	1.70	0.394	1	A
4,4'-DDD	ND		ug/kg	1.70	0.608	1	A
4,4'-DDT	ND		ug/kg	1.70	1.37	1	A
Endosulfan I	ND		ug/kg	1.70	0.403	1	A
Endosulfan II	ND		ug/kg	1.70	0.569	1	A
Endosulfan sulfate	ND		ug/kg	0.710	0.338	1	A
Methoxychlor	ND		ug/kg	3.20	0.994	1	A
Toxaphene	ND		ug/kg	32.0	8.95	1	A
cis-Chlordane	ND		ug/kg	2.13	0.594	1	A
trans-Chlordane	ND		ug/kg	2.13	0.562	1	A
Chlordane	ND		ug/kg	14.2	5.64	1	A

Project Name: 860 FLUSHING AVENUE
Lab Number: L2641792
Project Number: 0211437-000-006-08
Report Date: 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-05
Client ID: EP-06_10
Sample Location: BROOKLYN, NY
Date Collected: 07/02/26 09:15
Date Received: 07/02/26
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	89		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	85		30-150	B

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/05/26 11:57
Analyst: JAG

Extraction Method: EPA 3546
Extraction Date: 07/04/26 15:29
Cleanup Method: EPA 3620B
Cleanup Date: 07/05/26
Cleanup Method: EPA 3660B
Cleanup Date: 07/05/26

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-05 Batch: WG2237121-1						
Delta-BHC	ND		ug/kg	1.52	0.297	A
Lindane	ND		ug/kg	0.632	0.283	A
Alpha-BHC	ND		ug/kg	0.632	0.180	A
Beta-BHC	ND		ug/kg	1.52	0.576	A
Heptachlor	ND		ug/kg	0.759	0.340	A
Aldrin	ND		ug/kg	1.52	0.534	A
Heptachlor epoxide	ND		ug/kg	2.85	0.854	A
Endrin	ND		ug/kg	0.632	0.259	A
Endrin aldehyde	ND		ug/kg	1.90	0.664	A
Endrin ketone	ND		ug/kg	1.52	0.391	A
Dieldrin	ND		ug/kg	0.949	0.474	A
4,4'-DDE	ND		ug/kg	1.52	0.351	A
4,4'-DDD	ND		ug/kg	1.52	0.541	A
4,4'-DDT	ND		ug/kg	1.52	1.22	A
Endosulfan I	ND		ug/kg	1.52	0.359	A
Endosulfan II	ND		ug/kg	1.52	0.507	A
Endosulfan sulfate	ND		ug/kg	0.632	0.301	A
Methoxychlor	ND		ug/kg	2.85	0.886	A
Toxaphene	ND		ug/kg	28.5	7.97	A
cis-Chlordane	ND		ug/kg	1.90	0.529	A
trans-Chlordane	ND		ug/kg	1.90	0.501	A
Chlordane	ND		ug/kg	12.6	5.03	A

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/05/26 11:57
Analyst: JAG

Extraction Method: EPA 3546
Extraction Date: 07/04/26 15:29
Cleanup Method: EPA 3620B
Cleanup Date: 07/05/26
Cleanup Method: EPA 3660B
Cleanup Date: 07/05/26

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-05 Batch: WG2237121-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	72		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08

Lab Number: L2641792
Report Date: 07/13/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-05 Batch: WG2237121-2 WG2237121-3									
Delta-BHC	86		89		30-150	3		30	A
Lindane	90		92		30-150	2		30	A
Alpha-BHC	85		88		30-150	3		30	A
Beta-BHC	85		85		30-150	0		30	A
Heptachlor	85		87		30-150	2		30	A
Aldrin	80		82		30-150	2		30	A
Heptachlor epoxide	75		82		30-150	9		30	A
Endrin	82		83		30-150	1		30	A
Endrin aldehyde	74		76		30-150	3		30	A
Endrin ketone	84		87		30-150	4		30	A
Dieldrin	84		85		30-150	1		30	A
4,4'-DDE	74		75		30-150	1		30	A
4,4'-DDD	81		84		30-150	4		30	A
4,4'-DDT	82		83		30-150	1		30	A
Endosulfan I	78		78		30-150	0		30	A
Endosulfan II	84		86		30-150	2		30	A
Endosulfan sulfate	80		83		30-150	4		30	A
Methoxychlor	84		83		30-150	1		30	A
cis-Chlordane	74		76		30-150	3		30	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08

Lab Number: L2641792
Report Date: 07/13/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-05 Batch: WG2237121-2 WG2237121-3									
trans-Chlordane	76		78		30-150	3		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		80		30-150	A
Decachlorobiphenyl	68		77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		75		30-150	B
Decachlorobiphenyl	74		80		30-150	B

METALS

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-01
Client ID: EP-01_10
Sample Location: BROOKLYN, NY
Date Collected: 07/02/26 08:30
Date Received: 07/02/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4570		mg/kg	8.86	2.88	2	07/08/26 00:33	07/08/26 12:45	EPA 3050B	1,6010D	JNW
Antimony, Total	ND		mg/kg	4.43	3.41	2	07/08/26 00:33	07/08/26 12:45	EPA 3050B	1,6010D	JNW
Arsenic, Total	2.02		mg/kg	0.886	0.383	2	07/08/26 00:33	07/08/26 12:45	EPA 3050B	1,6010D	JNW
Barium, Total	110		mg/kg	0.886	0.094	2	07/08/26 00:33	07/08/26 12:45	EPA 3050B	1,6010D	JNW
Beryllium, Total	0.380	J	mg/kg	0.443	0.049	2	07/08/26 00:33	07/08/26 12:45	EPA 3050B	1,6010D	JNW
Cadmium, Total	ND		mg/kg	0.886	0.049	2	07/08/26 00:33	07/08/26 12:45	EPA 3050B	1,6010D	JNW
Calcium, Total	4270		mg/kg	8.86	5.02	2	07/08/26 00:33	07/08/26 12:45	EPA 3050B	1,6010D	JNW
Chromium, Total	14.1		mg/kg	0.886	0.751	2	07/08/26 00:33	07/08/26 12:45	EPA 3050B	1,6010D	JNW
Cobalt, Total	6.81		mg/kg	1.77	0.220	2	07/08/26 00:33	07/08/26 12:45	EPA 3050B	1,6010D	JNW
Copper, Total	27.8		mg/kg	0.886	0.201	2	07/08/26 00:33	07/08/26 12:45	EPA 3050B	1,6010D	JNW
Iron, Total	14900		mg/kg	22.1	7.09	2	07/08/26 00:33	07/08/26 12:45	EPA 3050B	1,6010D	JNW
Lead, Total	74.9		mg/kg	4.43	0.211	2	07/08/26 00:33	07/08/26 12:45	EPA 3050B	1,6010D	JNW
Magnesium, Total	1990		mg/kg	8.86	1.44	2	07/08/26 00:33	07/08/26 12:45	EPA 3050B	1,6010D	JNW
Manganese, Total	224		mg/kg	0.886	0.475	2	07/08/26 00:33	07/08/26 12:45	EPA 3050B	1,6010D	JNW
Mercury, Total	0.099		mg/kg	0.075	0.049	1	07/08/26 00:48	07/08/26 11:38	EPA 7471B	1,7471B	RDB
Nickel, Total	12.0		mg/kg	2.21	0.716	2	07/08/26 00:33	07/08/26 12:45	EPA 3050B	1,6010D	JNW
Potassium, Total	1240		mg/kg	221	44.9	2	07/08/26 00:33	07/08/26 12:45	EPA 3050B	1,6010D	JNW
Selenium, Total	ND		mg/kg	1.77	0.291	2	07/08/26 00:33	07/08/26 12:45	EPA 3050B	1,6010D	JNW
Silver, Total	ND		mg/kg	0.443	0.264	2	07/08/26 00:33	07/08/26 12:45	EPA 3050B	1,6010D	JNW
Sodium, Total	132	J	mg/kg	177	93.9	2	07/08/26 00:33	07/08/26 12:45	EPA 3050B	1,6010D	JNW
Thallium, Total	ND		mg/kg	1.77	0.799	2	07/08/26 00:33	07/08/26 12:45	EPA 3050B	1,6010D	JNW
Vanadium, Total	23.0		mg/kg	0.886	0.134	2	07/08/26 00:33	07/08/26 12:45	EPA 3050B	1,6010D	JNW
Zinc, Total	79.5		mg/kg	4.43	0.537	2	07/08/26 00:33	07/08/26 12:45	EPA 3050B	1,6010D	JNW

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-02
Client ID: EP-02_10
Sample Location: BROOKLYN, NY
Date Collected: 07/02/26 08:45
Date Received: 07/02/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4000		mg/kg	8.61	2.80	2	07/08/26 00:33	07/08/26 12:47	EPA 3050B	1,6010D	JNW
Antimony, Total	ND		mg/kg	4.31	3.32	2	07/08/26 00:33	07/08/26 12:47	EPA 3050B	1,6010D	JNW
Arsenic, Total	1.49		mg/kg	0.861	0.372	2	07/08/26 00:33	07/08/26 12:47	EPA 3050B	1,6010D	JNW
Barium, Total	39.9		mg/kg	0.861	0.091	2	07/08/26 00:33	07/08/26 12:47	EPA 3050B	1,6010D	JNW
Beryllium, Total	0.389	J	mg/kg	0.431	0.047	2	07/08/26 00:33	07/08/26 12:47	EPA 3050B	1,6010D	JNW
Cadmium, Total	ND		mg/kg	0.861	0.047	2	07/08/26 00:33	07/08/26 12:47	EPA 3050B	1,6010D	JNW
Calcium, Total	1120		mg/kg	8.61	4.88	2	07/08/26 00:33	07/08/26 12:47	EPA 3050B	1,6010D	JNW
Chromium, Total	13.6		mg/kg	0.861	0.730	2	07/08/26 00:33	07/08/26 12:47	EPA 3050B	1,6010D	JNW
Cobalt, Total	7.19		mg/kg	1.72	0.214	2	07/08/26 00:33	07/08/26 12:47	EPA 3050B	1,6010D	JNW
Copper, Total	21.2		mg/kg	0.861	0.195	2	07/08/26 00:33	07/08/26 12:47	EPA 3050B	1,6010D	JNW
Iron, Total	18500		mg/kg	21.5	6.89	2	07/08/26 00:33	07/08/26 12:47	EPA 3050B	1,6010D	JNW
Lead, Total	9.14		mg/kg	4.31	0.205	2	07/08/26 00:33	07/08/26 12:47	EPA 3050B	1,6010D	JNW
Magnesium, Total	1610		mg/kg	8.61	1.40	2	07/08/26 00:33	07/08/26 12:47	EPA 3050B	1,6010D	JNW
Manganese, Total	360		mg/kg	0.861	0.462	2	07/08/26 00:33	07/08/26 12:47	EPA 3050B	1,6010D	JNW
Mercury, Total	ND		mg/kg	0.072	0.047	1	07/08/26 00:48	07/08/26 11:41	EPA 7471B	1,7471B	RDB
Nickel, Total	12.3		mg/kg	2.15	0.696	2	07/08/26 00:33	07/08/26 12:47	EPA 3050B	1,6010D	JNW
Potassium, Total	1240		mg/kg	215	43.7	2	07/08/26 00:33	07/08/26 12:47	EPA 3050B	1,6010D	JNW
Selenium, Total	ND		mg/kg	1.72	0.283	2	07/08/26 00:33	07/08/26 12:47	EPA 3050B	1,6010D	JNW
Silver, Total	ND		mg/kg	0.431	0.257	2	07/08/26 00:33	07/08/26 12:47	EPA 3050B	1,6010D	JNW
Sodium, Total	134	J	mg/kg	172	91.3	2	07/08/26 00:33	07/08/26 12:47	EPA 3050B	1,6010D	JNW
Thallium, Total	ND		mg/kg	1.72	0.777	2	07/08/26 00:33	07/08/26 12:47	EPA 3050B	1,6010D	JNW
Vanadium, Total	21.5		mg/kg	0.861	0.130	2	07/08/26 00:33	07/08/26 12:47	EPA 3050B	1,6010D	JNW
Zinc, Total	29.2		mg/kg	4.31	0.522	2	07/08/26 00:33	07/08/26 12:47	EPA 3050B	1,6010D	JNW

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-03
Client ID: EP-03_10
Sample Location: BROOKLYN, NY
Date Collected: 07/02/26 08:15
Date Received: 07/02/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4160		mg/kg	8.67	2.82	2	07/08/26 00:33	07/08/26 12:49	EPA 3050B	1,6010D	JNW
Antimony, Total	ND		mg/kg	4.33	3.34	2	07/08/26 00:33	07/08/26 12:49	EPA 3050B	1,6010D	JNW
Arsenic, Total	2.36		mg/kg	0.867	0.374	2	07/08/26 00:33	07/08/26 12:49	EPA 3050B	1,6010D	JNW
Barium, Total	34.9		mg/kg	0.867	0.092	2	07/08/26 00:33	07/08/26 12:49	EPA 3050B	1,6010D	JNW
Beryllium, Total	0.428	J	mg/kg	0.433	0.048	2	07/08/26 00:33	07/08/26 12:49	EPA 3050B	1,6010D	JNW
Cadmium, Total	ND		mg/kg	0.867	0.048	2	07/08/26 00:33	07/08/26 12:49	EPA 3050B	1,6010D	JNW
Calcium, Total	900		mg/kg	8.67	4.91	2	07/08/26 00:33	07/08/26 12:49	EPA 3050B	1,6010D	JNW
Chromium, Total	13.7		mg/kg	0.867	0.735	2	07/08/26 00:33	07/08/26 12:49	EPA 3050B	1,6010D	JNW
Cobalt, Total	6.82		mg/kg	1.73	0.215	2	07/08/26 00:33	07/08/26 12:49	EPA 3050B	1,6010D	JNW
Copper, Total	17.5		mg/kg	0.867	0.197	2	07/08/26 00:33	07/08/26 12:49	EPA 3050B	1,6010D	JNW
Iron, Total	18000		mg/kg	21.7	6.93	2	07/08/26 00:33	07/08/26 12:49	EPA 3050B	1,6010D	JNW
Lead, Total	8.75		mg/kg	4.33	0.206	2	07/08/26 00:33	07/08/26 12:49	EPA 3050B	1,6010D	JNW
Magnesium, Total	1700		mg/kg	8.67	1.41	2	07/08/26 00:33	07/08/26 12:49	EPA 3050B	1,6010D	JNW
Manganese, Total	313		mg/kg	0.867	0.464	2	07/08/26 00:33	07/08/26 12:49	EPA 3050B	1,6010D	JNW
Mercury, Total	ND		mg/kg	0.072	0.047	1	07/08/26 00:48	07/08/26 11:51	EPA 7471B	1,7471B	RDB
Nickel, Total	12.1		mg/kg	2.17	0.700	2	07/08/26 00:33	07/08/26 12:49	EPA 3050B	1,6010D	JNW
Potassium, Total	1150		mg/kg	217	43.9	2	07/08/26 00:33	07/08/26 12:49	EPA 3050B	1,6010D	JNW
Selenium, Total	ND		mg/kg	1.73	0.285	2	07/08/26 00:33	07/08/26 12:49	EPA 3050B	1,6010D	JNW
Silver, Total	ND		mg/kg	0.433	0.258	2	07/08/26 00:33	07/08/26 12:49	EPA 3050B	1,6010D	JNW
Sodium, Total	250		mg/kg	173	91.8	2	07/08/26 00:33	07/08/26 12:49	EPA 3050B	1,6010D	JNW
Thallium, Total	ND		mg/kg	1.73	0.782	2	07/08/26 00:33	07/08/26 12:49	EPA 3050B	1,6010D	JNW
Vanadium, Total	22.3		mg/kg	0.867	0.131	2	07/08/26 00:33	07/08/26 12:49	EPA 3050B	1,6010D	JNW
Zinc, Total	23.8		mg/kg	4.33	0.525	2	07/08/26 00:33	07/08/26 12:49	EPA 3050B	1,6010D	JNW

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-04
Client ID: EP-04_10
Sample Location: BROOKLYN, NY
Date Collected: 07/02/26 07:45
Date Received: 07/02/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4850		mg/kg	8.90	2.89	2	07/08/26 00:33	07/08/26 12:51	EPA 3050B	1,6010D	JNW
Antimony, Total	ND		mg/kg	4.45	3.43	2	07/08/26 00:33	07/08/26 12:51	EPA 3050B	1,6010D	JNW
Arsenic, Total	1.44		mg/kg	0.890	0.384	2	07/08/26 00:33	07/08/26 12:51	EPA 3050B	1,6010D	JNW
Barium, Total	37.0		mg/kg	0.890	0.094	2	07/08/26 00:33	07/08/26 12:51	EPA 3050B	1,6010D	JNW
Beryllium, Total	0.427	J	mg/kg	0.445	0.049	2	07/08/26 00:33	07/08/26 12:51	EPA 3050B	1,6010D	JNW
Cadmium, Total	ND		mg/kg	0.890	0.049	2	07/08/26 00:33	07/08/26 12:51	EPA 3050B	1,6010D	JNW
Calcium, Total	1580		mg/kg	8.90	5.05	2	07/08/26 00:33	07/08/26 12:51	EPA 3050B	1,6010D	JNW
Chromium, Total	12.5		mg/kg	0.890	0.755	2	07/08/26 00:33	07/08/26 12:51	EPA 3050B	1,6010D	JNW
Cobalt, Total	8.01		mg/kg	1.78	0.221	2	07/08/26 00:33	07/08/26 12:51	EPA 3050B	1,6010D	JNW
Copper, Total	23.4		mg/kg	0.890	0.202	2	07/08/26 00:33	07/08/26 12:51	EPA 3050B	1,6010D	JNW
Iron, Total	15300		mg/kg	22.2	7.12	2	07/08/26 00:33	07/08/26 12:51	EPA 3050B	1,6010D	JNW
Lead, Total	7.23		mg/kg	4.45	0.212	2	07/08/26 00:33	07/08/26 12:51	EPA 3050B	1,6010D	JNW
Magnesium, Total	2270		mg/kg	8.90	1.45	2	07/08/26 00:33	07/08/26 12:51	EPA 3050B	1,6010D	JNW
Manganese, Total	330		mg/kg	0.890	0.477	2	07/08/26 00:33	07/08/26 12:51	EPA 3050B	1,6010D	JNW
Mercury, Total	ND		mg/kg	0.076	0.050	1	07/08/26 00:48	07/08/26 11:54	EPA 7471B	1,7471B	RDB
Nickel, Total	13.9		mg/kg	2.22	0.719	2	07/08/26 00:33	07/08/26 12:51	EPA 3050B	1,6010D	JNW
Potassium, Total	1060		mg/kg	222	45.1	2	07/08/26 00:33	07/08/26 12:51	EPA 3050B	1,6010D	JNW
Selenium, Total	ND		mg/kg	1.78	0.293	2	07/08/26 00:33	07/08/26 12:51	EPA 3050B	1,6010D	JNW
Silver, Total	ND		mg/kg	0.445	0.265	2	07/08/26 00:33	07/08/26 12:51	EPA 3050B	1,6010D	JNW
Sodium, Total	249		mg/kg	178	94.3	2	07/08/26 00:33	07/08/26 12:51	EPA 3050B	1,6010D	JNW
Thallium, Total	ND		mg/kg	1.78	0.803	2	07/08/26 00:33	07/08/26 12:51	EPA 3050B	1,6010D	JNW
Vanadium, Total	21.2		mg/kg	0.890	0.134	2	07/08/26 00:33	07/08/26 12:51	EPA 3050B	1,6010D	JNW
Zinc, Total	32.7		mg/kg	4.45	0.539	2	07/08/26 00:33	07/08/26 12:51	EPA 3050B	1,6010D	JNW

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-05
Client ID: EP-06_10
Sample Location: BROOKLYN, NY
Date Collected: 07/02/26 09:15
Date Received: 07/02/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5570		mg/kg	8.59	2.79	2	07/08/26 00:33	07/08/26 12:54	EPA 3050B	1,6010D	JNW
Antimony, Total	ND		mg/kg	4.29	3.31	2	07/08/26 00:33	07/08/26 12:54	EPA 3050B	1,6010D	JNW
Arsenic, Total	2.01		mg/kg	0.859	0.371	2	07/08/26 00:33	07/08/26 12:54	EPA 3050B	1,6010D	JNW
Barium, Total	40.9		mg/kg	0.859	0.091	2	07/08/26 00:33	07/08/26 12:54	EPA 3050B	1,6010D	JNW
Beryllium, Total	0.455		mg/kg	0.429	0.047	2	07/08/26 00:33	07/08/26 12:54	EPA 3050B	1,6010D	JNW
Cadmium, Total	ND		mg/kg	0.859	0.047	2	07/08/26 00:33	07/08/26 12:54	EPA 3050B	1,6010D	JNW
Calcium, Total	1830		mg/kg	8.59	4.87	2	07/08/26 00:33	07/08/26 12:54	EPA 3050B	1,6010D	JNW
Chromium, Total	19.0		mg/kg	0.859	0.728	2	07/08/26 00:33	07/08/26 12:54	EPA 3050B	1,6010D	JNW
Cobalt, Total	7.22		mg/kg	1.72	0.213	2	07/08/26 00:33	07/08/26 12:54	EPA 3050B	1,6010D	JNW
Copper, Total	22.8		mg/kg	0.859	0.195	2	07/08/26 00:33	07/08/26 12:54	EPA 3050B	1,6010D	JNW
Iron, Total	19300		mg/kg	21.5	6.87	2	07/08/26 00:33	07/08/26 12:54	EPA 3050B	1,6010D	JNW
Lead, Total	15.8		mg/kg	4.29	0.204	2	07/08/26 00:33	07/08/26 12:54	EPA 3050B	1,6010D	JNW
Magnesium, Total	2640		mg/kg	8.59	1.40	2	07/08/26 00:33	07/08/26 12:54	EPA 3050B	1,6010D	JNW
Manganese, Total	384		mg/kg	0.859	0.460	2	07/08/26 00:33	07/08/26 12:54	EPA 3050B	1,6010D	JNW
Mercury, Total	0.247		mg/kg	0.077	0.050	1	07/08/26 00:48	07/08/26 11:58	EPA 7471B	1,7471B	RDB
Nickel, Total	11.5		mg/kg	2.15	0.694	2	07/08/26 00:33	07/08/26 12:54	EPA 3050B	1,6010D	JNW
Potassium, Total	2060		mg/kg	215	43.5	2	07/08/26 00:33	07/08/26 12:54	EPA 3050B	1,6010D	JNW
Selenium, Total	ND		mg/kg	1.72	0.282	2	07/08/26 00:33	07/08/26 12:54	EPA 3050B	1,6010D	JNW
Silver, Total	ND		mg/kg	0.429	0.256	2	07/08/26 00:33	07/08/26 12:54	EPA 3050B	1,6010D	JNW
Sodium, Total	140	J	mg/kg	172	91.0	2	07/08/26 00:33	07/08/26 12:54	EPA 3050B	1,6010D	JNW
Thallium, Total	ND		mg/kg	1.72	0.775	2	07/08/26 00:33	07/08/26 12:54	EPA 3050B	1,6010D	JNW
Vanadium, Total	29.9		mg/kg	0.859	0.130	2	07/08/26 00:33	07/08/26 12:54	EPA 3050B	1,6010D	JNW
Zinc, Total	39.6		mg/kg	4.29	0.520	2	07/08/26 00:33	07/08/26 12:54	EPA 3050B	1,6010D	JNW

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-06
Client ID: FIELD BLANK_20260702
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Water

Date Collected: 07/02/26 07:30
Date Received: 07/02/26
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	07/07/26 13:33	07/08/26 19:59	EPA 3005A	1,6020B	CEY
Antimony, Total	ND		mg/l	0.00400	0.00042	1	07/07/26 13:33	07/08/26 19:59	EPA 3005A	1,6020B	CEY
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	07/07/26 13:33	07/08/26 19:59	EPA 3005A	1,6020B	CEY
Barium, Total	ND		mg/l	0.00050	0.00017	1	07/07/26 13:33	07/08/26 19:59	EPA 3005A	1,6020B	CEY
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	07/07/26 13:33	07/08/26 19:59	EPA 3005A	1,6020B	CEY
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	07/07/26 13:33	07/08/26 19:59	EPA 3005A	1,6020B	CEY
Calcium, Total	ND		mg/l	0.100	0.0394	1	07/07/26 13:33	07/08/26 19:59	EPA 3005A	1,6020B	CEY
Chromium, Total	ND		mg/l	0.00100	0.00017	1	07/07/26 13:33	07/08/26 19:59	EPA 3005A	1,6020B	CEY
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	07/07/26 13:33	07/08/26 19:59	EPA 3005A	1,6020B	CEY
Copper, Total	ND		mg/l	0.00100	0.00038	1	07/07/26 13:33	07/08/26 19:59	EPA 3005A	1,6020B	CEY
Iron, Total	ND		mg/l	0.0500	0.0191	1	07/07/26 13:33	07/08/26 19:59	EPA 3005A	1,6020B	CEY
Lead, Total	ND		mg/l	0.00100	0.00034	1	07/07/26 13:33	07/08/26 19:59	EPA 3005A	1,6020B	CEY
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	07/07/26 13:33	07/08/26 19:59	EPA 3005A	1,6020B	CEY
Manganese, Total	ND		mg/l	0.00100	0.00044	1	07/07/26 13:33	07/08/26 19:59	EPA 3005A	1,6020B	CEY
Mercury, Total	ND		mg/l	0.00020	0.00009	1	07/07/26 15:22	07/08/26 09:45	EPA 7470A	1,7470A	RJG
Nickel, Total	ND		mg/l	0.00200	0.00055	1	07/07/26 13:33	07/08/26 19:59	EPA 3005A	1,6020B	CEY
Potassium, Total	ND		mg/l	0.180	0.0309	1	07/07/26 13:33	07/08/26 19:59	EPA 3005A	1,6020B	CEY
Selenium, Total	ND		mg/l	0.00500	0.00173	1	07/07/26 13:33	07/08/26 19:59	EPA 3005A	1,6020B	CEY
Silver, Total	ND		mg/l	0.00040	0.00016	1	07/07/26 13:33	07/08/26 19:59	EPA 3005A	1,6020B	CEY
Sodium, Total	ND		mg/l	0.500	0.0293	1	07/07/26 13:33	07/08/26 19:59	EPA 3005A	1,6020B	CEY
Thallium, Total	ND		mg/l	0.00050	0.00014	1	07/07/26 13:33	07/08/26 19:59	EPA 3005A	1,6020B	CEY
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	07/07/26 13:33	07/08/26 19:59	EPA 3005A	1,6020B	CEY
Zinc, Total	ND		mg/l	0.01000	0.00341	1	07/07/26 13:33	07/08/26 19:59	EPA 3005A	1,6020B	CEY

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 06 Batch: WG2238159-1										
Aluminum, Total	0.00890	J	mg/l	0.0100	0.00327	1	07/07/26 13:33	07/08/26 18:38	1,6020B	CEY
Antimony, Total	ND		mg/l	0.00400	0.00042	1	07/07/26 13:33	07/08/26 18:38	1,6020B	CEY
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	07/07/26 13:33	07/08/26 18:38	1,6020B	CEY
Barium, Total	ND		mg/l	0.00050	0.00017	1	07/07/26 13:33	07/08/26 18:38	1,6020B	CEY
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	07/07/26 13:33	07/08/26 18:38	1,6020B	CEY
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	07/07/26 13:33	07/08/26 18:38	1,6020B	CEY
Calcium, Total	ND		mg/l	0.100	0.0394	1	07/07/26 13:33	07/08/26 18:38	1,6020B	CEY
Chromium, Total	ND		mg/l	0.00100	0.00017	1	07/07/26 13:33	07/08/26 18:38	1,6020B	CEY
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	07/07/26 13:33	07/08/26 18:38	1,6020B	CEY
Copper, Total	ND		mg/l	0.00100	0.00038	1	07/07/26 13:33	07/08/26 18:38	1,6020B	CEY
Iron, Total	ND		mg/l	0.0500	0.0191	1	07/07/26 13:33	07/08/26 18:38	1,6020B	CEY
Lead, Total	ND		mg/l	0.00100	0.00034	1	07/07/26 13:33	07/08/26 18:38	1,6020B	CEY
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	07/07/26 13:33	07/08/26 18:38	1,6020B	CEY
Manganese, Total	ND		mg/l	0.00100	0.00044	1	07/07/26 13:33	07/08/26 18:38	1,6020B	CEY
Nickel, Total	ND		mg/l	0.00200	0.00055	1	07/07/26 13:33	07/08/26 18:38	1,6020B	CEY
Potassium, Total	ND		mg/l	0.180	0.0309	1	07/07/26 13:33	07/08/26 18:38	1,6020B	CEY
Selenium, Total	ND		mg/l	0.00500	0.00173	1	07/07/26 13:33	07/08/26 18:38	1,6020B	CEY
Silver, Total	ND		mg/l	0.00040	0.00016	1	07/07/26 13:33	07/08/26 18:38	1,6020B	CEY
Sodium, Total	ND		mg/l	0.500	0.0293	1	07/07/26 13:33	07/08/26 18:38	1,6020B	CEY
Thallium, Total	ND		mg/l	0.00050	0.00014	1	07/07/26 13:33	07/08/26 18:38	1,6020B	CEY
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	07/07/26 13:33	07/08/26 18:38	1,6020B	CEY
Zinc, Total	ND		mg/l	0.01000	0.00341	1	07/07/26 13:33	07/08/26 18:38	1,6020B	CEY

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 06 Batch: WG2238166-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	07/07/26 15:22	07/08/26 09:15	1,7470A	RJG

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-05 Batch: WG2238348-1										
Aluminum, Total	ND		mg/kg	4.00	1.30	1	07/08/26 00:33	07/08/26 11:58	1,6010D	JNW
Antimony, Total	ND		mg/kg	2.00	1.54	1	07/08/26 00:33	07/08/26 11:58	1,6010D	JNW
Arsenic, Total	ND		mg/kg	0.400	0.173	1	07/08/26 00:33	07/08/26 11:58	1,6010D	JNW
Barium, Total	ND		mg/kg	0.400	0.042	1	07/08/26 00:33	07/08/26 11:58	1,6010D	JNW
Beryllium, Total	ND		mg/kg	0.200	0.022	1	07/08/26 00:33	07/08/26 11:58	1,6010D	JNW
Cadmium, Total	ND		mg/kg	0.400	0.022	1	07/08/26 00:33	07/08/26 11:58	1,6010D	JNW
Calcium, Total	ND		mg/kg	4.00	2.27	1	07/08/26 00:33	07/08/26 11:58	1,6010D	JNW
Chromium, Total	ND		mg/kg	0.400	0.339	1	07/08/26 00:33	07/08/26 11:58	1,6010D	JNW
Cobalt, Total	ND		mg/kg	0.800	0.099	1	07/08/26 00:33	07/08/26 11:58	1,6010D	JNW
Copper, Total	0.129	J	mg/kg	0.400	0.091	1	07/08/26 00:33	07/08/26 11:58	1,6010D	JNW
Iron, Total	ND		mg/kg	10.0	3.20	1	07/08/26 00:33	07/08/26 11:58	1,6010D	JNW
Lead, Total	ND		mg/kg	2.00	0.095	1	07/08/26 00:33	07/08/26 11:58	1,6010D	JNW
Magnesium, Total	ND		mg/kg	4.00	0.652	1	07/08/26 00:33	07/08/26 11:58	1,6010D	JNW
Manganese, Total	ND		mg/kg	0.400	0.214	1	07/08/26 00:33	07/08/26 11:58	1,6010D	JNW
Nickel, Total	ND		mg/kg	1.00	0.323	1	07/08/26 00:33	07/08/26 11:58	1,6010D	JNW
Potassium, Total	ND		mg/kg	100	20.3	1	07/08/26 00:33	07/08/26 11:58	1,6010D	JNW
Selenium, Total	0.172	J	mg/kg	0.800	0.132	1	07/08/26 00:33	07/08/26 11:58	1,6010D	JNW
Silver, Total	ND		mg/kg	0.200	0.119	1	07/08/26 00:33	07/08/26 11:58	1,6010D	JNW
Sodium, Total	ND		mg/kg	80.0	42.4	1	07/08/26 00:33	07/08/26 11:58	1,6010D	JNW
Thallium, Total	ND		mg/kg	0.800	0.361	1	07/08/26 00:33	07/08/26 11:58	1,6010D	JNW
Vanadium, Total	ND		mg/kg	0.400	0.060	1	07/08/26 00:33	07/08/26 11:58	1,6010D	JNW
Zinc, Total	ND		mg/kg	2.00	0.242	1	07/08/26 00:33	07/08/26 11:58	1,6010D	JNW

Prep Information

Digestion Method: EPA 3050B

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-05 Batch: WG2238349-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	07/08/26 00:48	07/08/26 11:11	1,7471B	RDB

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08

Lab Number: L2641792
Report Date: 07/13/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 06 Batch: WG2238159-2								
Aluminum, Total	102		-		80-120	-		
Antimony, Total	99		-		80-120	-		
Arsenic, Total	102		-		80-120	-		
Barium, Total	105		-		80-120	-		
Beryllium, Total	98		-		80-120	-		
Cadmium, Total	100		-		80-120	-		
Calcium, Total	104		-		80-120	-		
Chromium, Total	100		-		80-120	-		
Cobalt, Total	104		-		80-120	-		
Copper, Total	104		-		80-120	-		
Iron, Total	105		-		80-120	-		
Lead, Total	99		-		80-120	-		
Magnesium, Total	96		-		80-120	-		
Manganese, Total	103		-		80-120	-		
Nickel, Total	107		-		80-120	-		
Potassium, Total	98		-		80-120	-		
Selenium, Total	117		-		80-120	-		
Silver, Total	100		-		80-120	-		
Sodium, Total	94		-		80-120	-		
Thallium, Total	103		-		80-120	-		
Vanadium, Total	105		-		80-120	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 06 Batch: WG2238159-2					
Zinc, Total	100	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 06 Batch: WG2238166-2					
Mercury, Total	108	-	80-120	-	20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG2238348-2					
Aluminum, Total	101	-	80-120	-	20
Antimony, Total	103	-	80-120	-	20
Arsenic, Total	99	-	80-120	-	20
Barium, Total	104	-	80-120	-	20
Beryllium, Total	103	-	80-120	-	20
Cadmium, Total	102	-	80-120	-	20
Calcium, Total	107	-	80-120	-	20
Chromium, Total	102	-	80-120	-	20
Cobalt, Total	103	-	80-120	-	20
Copper, Total	105	-	80-120	-	20
Iron, Total	104	-	80-120	-	20
Lead, Total	107	-	80-120	-	20
Magnesium, Total	104	-	80-120	-	20
Manganese, Total	104	-	80-120	-	20
Nickel, Total	105	-	80-120	-	20
Potassium, Total	111	-	80-120	-	20
Selenium, Total	98	-	80-120	-	20
Silver, Total	102	-	80-120	-	20
Sodium, Total	109	-	80-120	-	20
Thallium, Total	98	-	80-120	-	20
Vanadium, Total	106	-	80-120	-	20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG2238348-2					
Zinc, Total	100	-	80-120	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG2238349-2					
Mercury, Total	102	-	80-120	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08

Lab Number: L2641792
Report Date: 07/13/26

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 06	QC Batch ID: WG2238159-3	WG2238159-4	QC Sample: L2639966-02	Client ID: MS Sample								
Aluminum, Total	0.102	2	2.20	105		2.19	104		75-125	0		20
Antimony, Total	ND	0.5	0.5049	101		0.5094	102		75-125	1		20
Arsenic, Total	0.00032J	0.12	0.1241	103		0.1279	106		75-125	3		20
Barium, Total	0.02358	2	2.132	105		2.167	107		75-125	2		20
Beryllium, Total	ND	0.05	0.04958	99		0.05026	100		75-125	1		20
Cadmium, Total	ND	0.053	0.05591	105		0.05558	105		75-125	1		20
Calcium, Total	80.5	10	91.6	111		93.3	**128**	Q	75-125	2		20
Chromium, Total	0.00026J	0.2	0.2068	103		0.2135	107		75-125	3		20
Cobalt, Total	0.00016J	0.5	0.5282	106		0.5428	108		75-125	3		20
Copper, Total	0.00051J	0.25	0.2670	107		0.2730	109		75-125	2		20
Iron, Total	0.328	1	1.45	112		1.55	122		75-125	7		20
Lead, Total	ND	0.53	0.5339	101		0.5375	101		75-125	1		20
Magnesium, Total	7.83	10	18.4	106		18.1	103		75-125	2		20
Manganese, Total	0.04827	0.5	0.5786	106		0.5845	107		75-125	1		20
Nickel, Total	0.00059J	0.5	0.5346	107		0.5506	110		75-125	3		20
Potassium, Total	2.19	10	12.0	98		12.0	98		75-125	0		20
Selenium, Total	ND	0.12	0.144	120		0.142	118		75-125	1		20
Silver, Total	ND	0.05	0.05224	104		0.05184	104		75-125	1		20
Sodium, Total	11.2	10	21.0	98		20.7	95		75-125	1		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08

Lab Number: L2641792
Report Date: 07/13/26

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 06 QC Batch ID: WG2238159-3 WG2238159-4 QC Sample: L2639966-02 Client ID: MS Sample												
Thallium, Total	ND	0.12	0.1263	105		0.1274	106		75-125	1		20
Vanadium, Total	ND	0.5	0.5392	108		0.5435	109		75-125	1		20
Zinc, Total	ND	0.5	0.5198	104		0.5331	107		75-125	3		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08

Lab Number: L2641792
Report Date: 07/13/26

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 06	QC Batch ID: WG2238159-7	WG2238159-8	QC Sample: L2640211-01	Client ID: MS Sample								
Aluminum, Total	0.004J	2	2.04	102		2.05	102		75-125	0		20
Antimony, Total	ND	0.5	0.4882	98		0.4973	99		75-125	2		20
Arsenic, Total	0.0066	0.12	0.1201	95		0.1310	104		75-125	9		20
Barium, Total	0.1327	2	2.175	102		2.212	104		75-125	2		20
Beryllium, Total	ND	0.05	0.04859	97		0.04892	98		75-125	1		20
Cadmium, Total	ND	0.053	0.05394	102		0.05479	103		75-125	2		20
Calcium, Total	72.1	10	83.7	116		83.3	112		75-125	0		20
Chromium, Total	ND	0.2	0.1984	99		0.2057	103		75-125	4		20
Cobalt, Total	ND	0.5	0.5059	101		0.5207	104		75-125	3		20
Copper, Total	0.0008J	0.25	0.2523	101		0.2567	103		75-125	2		20
Iron, Total	0.112	1	1.15	104		1.18	107		75-125	3		20
Lead, Total	ND	0.53	0.5162	97		0.5269	99		75-125	2		20
Magnesium, Total	13.0	10	22.8	98		23.0	100		75-125	1		20
Manganese, Total	0.6758	0.5	1.165	98		1.191	103		75-125	2		20
Nickel, Total	ND	0.5	0.4975	100		0.5198	104		75-125	4		20
Potassium, Total	1.57	10	11.2	96		10.9	93		75-125	3		20
Selenium, Total	ND	0.12	0.129	108		0.136	113		75-125	5		20
Silver, Total	ND	0.05	0.05048	101		0.04946	99		75-125	2		20
Sodium, Total	9.05	10	18.6	96		18.8	98		75-125	1		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08

Lab Number: L2641792
Report Date: 07/13/26

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 06 QC Batch ID: WG2238159-7 WG2238159-8 QC Sample: L2640211-01 Client ID: MS Sample												
Thallium, Total	ND	0.12	0.1221	102		0.1235	103		75-125	1		20
Vanadium, Total	ND	0.5	0.4900	98		0.5235	105		75-125	7		20
Zinc, Total	ND	0.5	0.4868	97		0.4982	100		75-125	2		20
Total Metals - Mansfield Lab Associated sample(s): 06 QC Batch ID: WG2238166-3 WG2238166-4 QC Sample: L2639966-02 Client ID: MS Sample												
Mercury, Total	ND	0.005	0.00514	103		0.00497	100		75-125	3		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08

Lab Number: L2641792
Report Date: 07/13/26

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG2238348-3 QC Sample: L2641628-03 Client ID: MS Sample												
Aluminum, Total	8500	189	8240	**0**	Q	-	-		75-125	-		
Antimony, Total	ND	47.2	19.2	**41**	Q	-	-		75-125	-		
Arsenic, Total	5.15	11.3	12.9	**68**	Q	-	-		75-125	-		
Barium, Total	44.7	189	235	101		-	-		75-125	-		
Beryllium, Total	0.664	4.72	5.50	102		-	-		75-125	-		
Cadmium, Total	ND	5.01	4.74	95		-	-		75-125	-		
Calcium, Total	967	945	1840	92		-	-		75-125	-		
Chromium, Total	16.8	18.9	35.5	99		-	-		75-125	-		
Cobalt, Total	14.0	47.2	62.5	103		-	-		75-125	-		
Copper, Total	24.2	23.6	52.6	120		-	-		75-125	-		
Iron, Total	30800	94.5	29800	**0**	Q	-	-		75-125	-		
Lead, Total	15.9	50.1	69.6	107		-	-		75-125	-		
Magnesium, Total	1630	945	2330	**74**	Q	-	-		75-125	-		
Manganese, Total	494	47.2	677	**387**	Q	-	-		75-125	-		
Nickel, Total	14.2	47.2	60.0	97		-	-		75-125	-		
Potassium, Total	566	945	1310	79		-	-		75-125	-		
Selenium, Total	ND	11.3	5.30	**47**	Q	-	-		75-125	-		
Silver, Total	0.395J	4.72	5.08	108		-	-		75-125	-		
Sodium, Total	205	945	1170	102		-	-		75-125	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08

Lab Number: L2641792
Report Date: 07/13/26

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG2238348-3 QC Sample: L2641628-03 Client ID: MS Sample												
Thallium, Total	ND	11.3	10.1	89		-	-		75-125	-		
Vanadium, Total	18.5	47.2	64.9	98		-	-		75-125	-		
Zinc, Total	63.9	47.2	102	81		-	-		75-125	-		
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG2238349-3 QC Sample: L2641628-03 Client ID: MS Sample												
Mercury, Total	ND	1.71	1.74	102		-	-		80-120	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: 860 FLUSHING AVENUE

Project Number: 0211437-000-006-08

Lab Number: L2641792

Report Date: 07/13/26

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG2238348-4 QC Sample: L2641628-03 Client ID: DUP Sample						
Arsenic, Total	5.15	4.75	mg/kg	8		20
Barium, Total	44.7	45.7	mg/kg	2		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Chromium, Total	16.8	35.0	mg/kg	**70**	Q	20
Lead, Total	15.9	16.1	mg/kg	1		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	0.395J	ND	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG2238349-4 QC Sample: L2641628-03 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-01
Client ID: EP-01_10
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil
Date Collected: 07/02/26 08:30
Date Received: 07/02/26
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.1		%	0.100	NA	1	-	07/04/26 11:16	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	07/06/26 21:50	07/07/26 13:05	1,9010C/9012B	SRM

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-02
Client ID: EP-02_10
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 07/02/26 08:45
Date Received: 07/02/26
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.3		%	0.100	NA	1	-	07/04/26 11:16	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	07/06/26 21:50	07/07/26 13:10	1,9010C/9012B	SRM

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-03
Client ID: EP-03_10
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 07/02/26 08:15
Date Received: 07/02/26
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.8		%	0.100	NA	1	-	07/04/26 11:16	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	07/06/26 21:50	07/07/26 13:14	1,9010C/9012B	SRM

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-04
Client ID: EP-04_10
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil
Date Collected: 07/02/26 07:45
Date Received: 07/02/26
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.7		%	0.100	NA	1	-	07/04/26 11:16	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	07/06/26 21:50	07/07/26 13:15	1,9010C/9012B	SRM

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-05
Client ID: EP-06_10
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Soil

Date Collected: 07/02/26 09:15
Date Received: 07/02/26
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.7		%	0.100	NA	1	-	07/04/26 11:16	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	07/06/26 21:50	07/07/26 13:16	1,9010C/9012B	SRM

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

SAMPLE RESULTS

Lab ID: L2641792-06
Client ID: FIELD BLANK_20260702
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Water
Date Collected: 07/02/26 07:30
Date Received: 07/02/26
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	07/06/26 14:00	07/07/26 11:14	1,9010C/9012B	SRM

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 06 Batch: WG2237612-1										
Cyanide, Total	ND		mg/l	0.005	0.001	1	07/06/26 14:00	07/07/26 11:02	1,9010C/9012B	SRM
General Chemistry - Westborough Lab for sample(s): 01-05 Batch: WG2237807-1										
Cyanide, Total	ND		mg/kg	0.97	0.20	1	07/06/26 21:50	07/07/26 12:45	1,9010C/9012B	SRM

Lab Control Sample Analysis
Batch Quality Control

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08

Lab Number: L2641792
Report Date: 07/13/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 06 Batch: WG2237612-2 WG2237612-3								
Cyanide, Total	105		106		85-115	1		20
General Chemistry - Westborough Lab Associated sample(s): 01-05 Batch: WG2237807-2 WG2237807-3								
Cyanide, Total	80		**63**	Q	80-120	17		35

Matrix Spike Analysis
Batch Quality Control

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08

Lab Number: L2641792
Report Date: 07/13/26

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 06 QC Batch ID: WG2237612-4 WG2237612-5 QC Sample: L2641538-03 Client ID: MS Sample												
Cyanide, Total	ND	0.2	0.205	102		0.205	102		80-120	0		20
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG2237807-4 WG2237807-5 QC Sample: L2641792-01 Client ID: EP-01_10												
Cyanide, Total	ND	11	11	100		11	99		75-125	1		35
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG2237807-6 WG2237807-7 QC Sample: L2641792-02 Client ID: EP-02_10												
Cyanide, Total	ND	10	11	100		10	96		75-125	4		35

Lab Duplicate Analysis

Batch Quality Control

Project Name: 860 FLUSHING AVENUE

Project Number: 0211437-000-006-08

Lab Number: L2641792

Report Date: 07/13/26

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG2237046-1 QC Sample: L2641981-01 Client ID: DUP Sample						
Solids, Total	97.0	97.0	%	0		10

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08

Lab Number: L2641792
Report Date: 07/13/26

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2641792-01A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2641792-01B	Vial water preserved	NA	NA			Y	Absent	03-JUL-26 02:06	NYTCL-8260HLW(14)
L2641792-01C	Vial water preserved	NA	NA			Y	Absent	03-JUL-26 02:06	NYTCL-8260HLW(14)
L2641792-01D	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2641792-01E	Plastic 120ml unpreserved	NA	NA			Y	Absent		TS(7)
L2641792-01F	Plastic 90mL Unpreserved for PFAS	NA	NA			Y	Absent		A2-NY-1633(90)
L2641792-01G	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),NI-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MG-TI(180),MN-TI(180),FE-TI(180),HG-T(28),K-TI(180),CD-TI(180),CA-TI(180),NA-TI(180)
L2641792-01H	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2641792-02A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2641792-02B	Vial water preserved	NA	NA			Y	Absent	03-JUL-26 02:06	NYTCL-8260HLW(14)
L2641792-02C	Vial water preserved	NA	NA			Y	Absent	03-JUL-26 02:06	NYTCL-8260HLW(14)
L2641792-02D	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2641792-02E	Plastic 120ml unpreserved	NA	NA			Y	Absent		TS(7)
L2641792-02F	Plastic 90mL Unpreserved for PFAS	NA	NA			Y	Absent		A2-NY-1633(90)
L2641792-02G	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),HG-T(28),FE-TI(180),MN-TI(180),MG-TI(180),K-TI(180),CD-TI(180),NA-TI(180),CA-TI(180)
L2641792-02H	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2641792-03A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2641792-03B	Vial water preserved	NA	NA			Y	Absent	03-JUL-26 02:06	NYTCL-8260HLW(14)
L2641792-03C	Vial water preserved	NA	NA			Y	Absent	03-JUL-26 02:06	NYTCL-8260HLW(14)
L2641792-03D	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2641792-03E	Plastic 120ml unpreserved	NA	NA			Y	Absent		TS(7)
L2641792-03F	Plastic 90mL Unpreserved for PFAS	NA	NA			Y	Absent		A2-NY-1633(90)
L2641792-03G	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),SB-TI(180),PB-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2641792-03H	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2641792-04A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2641792-04B	Vial water preserved	NA	NA			Y	Absent	03-JUL-26 02:06	NYTCL-8260HLW(14)
L2641792-04C	Vial water preserved	NA	NA			Y	Absent	03-JUL-26 02:06	NYTCL-8260HLW(14)
L2641792-04D	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2641792-04E	Plastic 120ml unpreserved	NA	NA			Y	Absent		TS(7)
L2641792-04F	Plastic 90mL Unpreserved for PFAS	NA	NA			Y	Absent		A2-NY-1633(90)
L2641792-04G	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),V-TI(180),CO-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),CA-TI(180),K-TI(180),CD-TI(180),NA-TI(180)
L2641792-04H	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2641792-05A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2641792-05B	Vial water preserved	NA	NA			Y	Absent	03-JUL-26 02:06	NYTCL-8260HLW(14)
L2641792-05C	Vial water preserved	NA	NA			Y	Absent	03-JUL-26 02:06	NYTCL-8260HLW(14)
L2641792-05D	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08

Lab Number: L2641792
Report Date: 07/13/26

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2641792-05E	Plastic 120ml unpreserved	NA	NA			Y	Absent		TS(7)
L2641792-05F	Plastic 90mL Unpreserved for PFAS	NA	NA			Y	Absent		A2-NY-1633(90)
L2641792-05G	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2641792-05H	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2641792-06A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2641792-06B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2641792-06C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2641792-06D	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2641792-06E	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2641792-06F	Plastic 250ml NaOH preserved	NA	>12	>12		Y	Absent		TCN-9010(14)
L2641792-06G	Plastic 250ml HNO3 preserved	NA	<2	<2		Y	Absent		TL-6020T(180),FE-6020T(180),SE-6020T(180),BA-6020T(180),CA-6020T(180),K-6020T(180),NI-6020T(180),CR-6020T(180),CU-6020T(180),ZN-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),CD-6020T(180),MG-6020T(180),AL-6020T(180),AG-6020T(180),HG-T(28),CO-6020T(180)
L2641792-06H	Plastic 250ml unpreserved	NA	NA			Y	Absent		A2-NY-1633(28)
L2641792-07A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2641792-07B	Vial water preserved	NA	NA			Y	Absent	03-JUL-26 02:06	NYTCL-8260HLW(14)
L2641792-07C	Vial water preserved	NA	NA			Y	Absent	03-JUL-26 02:06	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08

Lab Number: L2641792
Report Date: 07/13/26

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08

Lab Number: L2641792
Report Date: 07/13/26

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

Project Name:	860 FLUSHING AVENUE	**Lab Number:**	L2641792
Project Number:	0211437-000-006-08	**Report Date:**	07/13/26

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	860 FLUSHING AVENUE	**Lab Number:**	L2641792
Project Number:	0211437-000-006-08	**Report Date:**	07/13/26

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were

Report Format: DU Report with 'J' Qualifiers

Project Name:	860 FLUSHING AVENUE	**Lab Number:**	L2641792
Project Number:	0211437-000-006-08	**Report Date:**	07/13/26

Data Qualifiers

estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 860 FLUSHING AVENUE
Project Number: 0211437-000-006-08
Lab Number: L2641792
Report Date: 07/13/26

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

168 Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS. EPA Method 1633A, EPA 820-R-24-007, December 2024. For MCP, WSC-CAM-XA, September 2025. For CT DEEP RCP, USEPA Method 1633, Version 1.0, July 2026.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

ENV-FORM-WES2-0065 v03 Certificate/Approval Program Summary

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
Biological Tissue Matrix: EPA 3050B

PAS-MAN1 Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.

PAS-ELON East Longmeadow Facility – 39 Spruce Street East Longmeadow, MA 01028
EPA 524.2: 1,3,5-Trichlorobenzene, m/p-Xylene, o-xylene.
EPA 625.1: 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, N-Nitrosodiphenylamine.
EPA 8081B NPW and SCM: Alachlor, Endrin Ketone, Hexachlorobenzene.
EPA 8260D NPW: Tetrahydrofuran, 1,3,5-Trichlorobenzene; **SCM:** TAME, TBEE, Diethyl ether, DIPE, Tetrahydrofuran. 1,3,5-Trichlorobenzene, Freon-113.
EPA 8270E: NPW: Carbazole, 1-Methylnaphthalene, Pentachloronitrobenzene; **SCM:** Carbazole, 1-Methylnaphthalene.
EPA TO-13: Air: Benzo(e)pyrene, 1-Methylnaphthalene, 2-Methylnaphthalene, Perylene.
EPA TO-4A Pesticide Air: delta-BHC, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Endrin Ketone, Hexachlorobenzene, Methoxychlor.
SM4500: NPW: Amenable Cyanide; **SCM:** Total Phosphorus, TKN, NH3, NECi: NO2, NO3, ASTMD516.

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 504.1: EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

ENV-FORM-WES2-0065 v03 Certificate/Approval Program Summary

PAS-ELON East Longmeadow Facility – 39 Spruce Street East Longmeadow, MA 01028

Drinking Water
EPA 300.0: NO3, NO2, Fl, Cl, SO4. **NECI Reductase**: NO3, NO2.
SM4500F-C, SM4500Cl-B, SM4500CN-C,E, EPA 180.1, SM2320B, SM 2540C, SM4500H-B, SM4500SO4-E.
EPA 537.1; EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: SM9223-P/A: TC/EC; SM9223B-Colilert-enumeration: TC/EC; HPC-Simplate.

Non-Potable Water
SM4500H-B, SM2510B, SM2540C, SM2320B, SM4500Cl-B, SM4500NH3-B, C, EPA 350.1, NECi: NO3, **SM4500NH3-B, C: TKN, SM4500P-E: Ortho Phosphate, SM4500P-B, E: Total Phosphorus, EPA 410.4, SM5210B, SM5310C, SM4500CN-C, E, SM2540D, SM4500Cl-G, SM4500SO4-E, EPA 1664, EPA 420.1, EPA 300.0:** Cl, SO4, NO3.
EPA 624.1: Volatile Halocarbons, Volatile Aromatics.
EPA 608.3: Chlordane, Toxaphene, Aldrin, Alpha-BHC, Beta-BHC, Gamma-BHC, Delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs.
EPA 625.1: SVOC-Acid Extractables and Base/Neutrals
Microbiology: SM9223B-Colilert: E. coli (Ambient and Wastewater), **SM9223B-Colilert-18:** Fecal Coliform (Wastewater).

Certification IDs:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY KY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195.

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, CA 3117, CO MA00030, CT PH-0825, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MD 350, MA M-MA00030, MI 9110, MN 025-999-495, NV MA00030, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, UT MA00030, VT VT-0015, VA 460194, WA C954.

PAS-MAN1 Mansfield Air Lab Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

PAS-ELON East Longmeadow Facility – 39 Spruce St. East Longmeadow, MA 01028
CT PH-0821, ME MA00100, MI 9100, NC (DENR) 652, NC (DW) 25703, MA M-MA100, NH (Secondary) 2516, NH (Primary) 2557, NJ MA007, NY 10899, PA 68-05812, RI LAO00373, VA 460217, VT-255716, WV DEP 419, WV-DW 9979C, LA 05130, LA-DW LA042, MD-DW 373, OH 87781.

For a complete listing of analytes and methods, please contact your Project Manager.

Pace ANALYTICAL SERVICES

NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193

Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Woodcliff Lake, NJ 07677: 123 Tice Blvd, Suite 101
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab 07/02/26

Pace Job # L2641792

Client Information

Client: Haley & Aldrich of NY
Address: 213 W 35th St, FL 7
New York, NY 10001
Phone: 646-568-9357
Fax: LMcCartney@haleyaldrich.com
Email: JBrew@haleyaldrich.com

Project Information

Project Name: 860 Flushing Avenue
Project Location: Brooklyn, NY
Project # 0211437-00-006-08
(Use Project name as Project #) ☐
Project Manager: L. McCartney
PACE Quote #:

Turn-Around Time

Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information

☒ Same as Client Info
PO #

Regulatory Requirement

☐ NY TOGS ☒ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Pace ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Sample Specific Comments

PACE Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOCs	SVOCs	pesticides	Total Metals	PCBs	PFAS	1,4-dioxane	Cyanide	Total Bottle
41792-01	EP-01_10	07/02	8:30	S	TOR	X	X	X	X	X	X	X	X	8
-02	EP-02_10	07/02	8:45	S	TOR	X	X	X	X	X	X	X	X	
-03	EP-03_10	07/02	8:15	S	TOR	X	X	X	X	X	✓	X	X	
-04	EP-04_10	07/02	7:45	S	TOR	X	X	X	X	X	X	X	X	
-05	EP-06_10	07/02	9:15	S	TOR	X	X	X	X	X	X	X	X	
-06	Field Blank_20260702	07/02	7:30	W	TOR	X	X	X	X	X	X	X	X	
-07	Trip Blank_20260702	07/02	-	-	CB	X								

Container Type	V	V	A	A	A	P	A	
Preservative	F	F	A	A	A	A	A	

Preservative Code: A = None; B = HCl; C = HNO_3; D = H_2SO_4; E = NaOH; F = MeOH; G = $NaHSO_4$; H = $Na_2S_2O_3$; K/E = Zn Ac/NaOH; O = Other

Container Code: P = Plastic; A = Amber Glass; V = Vial; G = Glass; B = Bacteria Cup; C = Cube; O = Other; E = Encore; D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
Talia Ritchie	07/02 11:14	R. Ahuja	7/2/26 11:14
R. Ahuja	7/2/26 14:16	NJSCS	7/2/26 14:16
NJSCS	7/2/26 1692	RY	7/2/26 1650
RY	7/2/26 7/2 2300	RY	7/2 2100 07/02/26 2300

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY PACE'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 29-Jan-2025)

Sample Delivery Group Summary

Pace Job Number : L2641792

Account Name : Haley & Aldrich
Project Number : 0211437-000-006-08
Project Name : 860 FLUSHING AVENUE

Received : 02-JUL-2026
Reviewer : Matthew Bianculli

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	4.5	

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies? Following containers were not received for listed analysis: (NYTCL-8081-RVT), -06 (NYTCL-8082-RVT)	**YES** -06 (A2-1,4-DIOXANE-SIM), -06
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**NA**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NO**

ATTACHMENT D

NYSDEC CORRESPONDENCE

HALEY ALDRICH

NEW YORK STATE | Department of Environmental Conservation

KATHY HOCHUL
Governor

AMANDA LEFTON
Commissioner

May 18, 2026

Jack Klein
B Contractors Group LLC
185 Marcy Ave, Suite 304
Brooklyn, NY 11211
jack@bmanage.com

Re: Former BP Gasoline Service Station Site
Site No.: C224424
Brooklyn, New York
Remedial Action Work Plan & Decision Document

Dear Jack Klein,

The New York State Department of Environmental Conservation (NYSDEC) and the New York State Department of Health (NYSDOH) have reviewed the Remedial Action Work Plan (RAWP) for the Former BP Gasoline Service Station Site dated May 11, 2026, which was prepared by H & A of New York Engineering and Geology, LLP on behalf of Flushing Holdings NY LLC (the Volunteer). The RAWP is hereby approved.

Attached is a copy of NYSDEC's Decision Document for the site. The remedy is to be implemented in accordance with this Decision Document. A certification that the Decision Document and RAWP have been placed in the project repositories, and that the repositories are complete with all project documents, must be submitted to the NYSDEC project manager.

NYSDEC has established target dates throughout the year for the submission of the documents required to achieve a Certificate of Completion (COC). These milestones include submittal of a draft Site Management Plan (SMP) by August 1; completion of remedial construction, SMP approval, and draft Final Engineering Report (FER) submitted by October 1. Please note, incomplete document submissions will not be viewed as meeting the milestone deadline and a review of the document will not commence until a complete submittal is received. The schedule included in the RAWP does not align with NYSDEC's target dates. Please be advised that if these target dates are not adhered to, COC issuance in 2026 may not be feasible.

Please contact NYSDEC's Project Manager, Nour Haredy, at (929) 791-1901 or nour.haredy@dec.ny.gov at your earliest convenience to discuss next steps. Please recall NYSDEC requires seven days' notice prior to the start of field work.

Sincerely,

Jane H. O'Connell, P.G.
Regional Remediation Engineer, Region 2

ec w/attachments:

S. Deyette, A. Obligado, Y. Palumbo, N. Haredy, G. Nam – NYSDEC
S. McLaughlin, K. Pollard - NYSDOH
Z. Shu, L. McCartney, M. Conlon, J. Bellew – H & A of New York Engineering and Geology, LLP
G. Duke, A. Perry – Fox Rothschild
Matt Gokey – NYSDTF (matthew.gokey@tax.ny.gov)
Paul Takac – NYSDTF (paul.takac@tax.ny.gov)

Conlon, Mari

From: Haredy, Nour G (DEC) <nour.haredy@dec.ny.gov>
Sent: Friday, July 17, 2026 11:05 AM
To: Forshay, Matt; McCartney, Luke
Cc: Obligado, Andre A (DEC); Palumbo, Yildiz (DEC); jane.oconnell; Bellew, James; Conlon, Mari; Shu, Zhan; Pollard, Kari (HEALTH); scarlett.mclaughlin
Subject: RE: 860 Flushing Avenue - SVE Pilot Test Results and Remedial Alternative Report
Attachments: Mimecast Alert: Large Attachment Link

External Sender: Use extra caution with links and actions.

Hi Matthew, Luke,

Based on the information submitted, we understand that SVE is not feasible because of dense granular material. The building will be equipped with active SSDS. Endpoint samples at EP-02 and EP-03 meet track 2 .

There are comments on the pilot test report that require further explanation. These comments are in the attached PDF and include

1. Addressing inconsistencies between the work plan, the attachments and text, and field observations.
2. Removing the reference to passive SSDS which contradicts the approved RAWP and decision document.
3. Additional explanations would be needed to support the need for further excavation. End point samples results should be factored into the decision for additional excavation. EP-02 and EP-03 meet track 2 and show no exceedances of RRSCO or PGSCO. Based on the available data, additional excavation as proposed does not appear to be warranted.

Once the comments are addressed, you will need to submit a RAWP amendment with pilot test results and engineering evaluation of why the SVE remedy is no longer needed. The work plan would need to be certified by a PE.

Then, DEC will release an Explanation of Significant Difference (ESD) and ESD factsheet.

Thanks,

Nour Haredy *(she/her)*
Assistant Engineer

New York State Department of Environmental Conservation
Division of Environmental Remediation
47-40 21st Street, Long Island City, New York 11101
c: (929) 791-1901 | w: (718) 482-6333 | nour.haredy@dec.ny.gov
dec.ny.gov | @NYSDEC on Social Media | Podcast

From: Forshay, Matt <MForshay@haleyaldrich.com>
Sent: Tuesday, July 7, 2026 12:46 PM

To: Haredy, Nour G (DEC) <nour.haredy@dec.ny.gov>
Cc: Obligado, Andre A (DEC) <andre.obligado@dec.ny.gov>; Palumbo, Yildiz (DEC) <Yildiz.Palumbo@dec.ny.gov>; O'Connell, Jane H (DEC) <jane.oconnell@dec.ny.gov>; Bellew, James <JBellew@haleyaldrich.com>; mconlon@haleyaldrich.com; Shu, Zhan <ZShu@haleyaldrich.com>
Subject: 860 Flushing Avenue - SVE Pilot Test Results and Remedial Alternative Report

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

Good Afternoon Nour,

I just uploaded a report detailing the SVE pilot test activities conducted at 860 Flushing Avenue. Based on the pilot test results, we concluded that SVE is not a feasible remedial technology for the site and proposed extending the remedial excavation to address source material in the SVE treatment area.

Please let us know if you need anything else to expedite your review as support-of-excavation and soil export activities are ongoing.

Matthew Forshay, P.E. (NJ, NY)
Senior Technical Specialist

Haley & Aldrich, Inc.
299 Cherry Hill Road | Suite 303
Parsippany, New Jersey 07054
C: (862) 377-3587
www.haleyaldrich.com