PHASE II ENVIRONMENTAL SITE INVESTIGATION REPORT

for

252 Third Street
Brooklyn, New York

Prepared for:

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1.0 INTRODUCTION

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C (Langan) completed a Phase II Environmental Site Investigation (ESI) on behalf of 252 Third Street Realty, LLC, for the property at 252 Third Street in the Gowanus neighborhood of Brooklyn, New York (the site). The purpose of the Phase II ESI was to investigate recognized environmental conditions (REC) identified in previous Phase I Environmental Site Assessments (ESA), and to generate a data set sufficient to evaluate eligibility of the site for enrollment in the New York State Department of Conservation (NYSDEC) Brownfield Cleanup Program.

The Phase II ESI was implemented between 22 and 30 December 2025. The investigation included completion of a geophysical survey; advancement of soil borings; installation of permanent groundwater monitoring wells; and collection of soil, groundwater, and soil vapor samples for laboratory analysis.

The report is organized as follows:

- Section 2.0: Describes the site background
- Section 3.0: Presents the Phase II ESI methodology
- Section 4.0: Presents the findings of the Phase II ESI
- Section 5.0: Presents conclusions based on the findings
- Section 6.0: Presents limitations on use of this report

2.0 BACKGROUND

2.1 Site Location and Description

The site is at 252 Third Street and is identified as Block 980, Lot 19 on the Brooklyn Borough Tax Map. The about 25,925-square-foot (0.60-acre) site is occupied by an open-air gravel-covered parking lot. There is a temporary security booth in the northern part of the site, but there are no permanent structures on-site. A site location map is provided as Figure 1.

According to the 2023 United States Geological Survey (USGS) 7.5-minute quadrangle topographic map for Brooklyn, the site elevation (el) is approximately el 20 feet relative to the North American Vertical Datum of 1988 (NAVD88).

2.2 Proposed Redevelopment

The site is anticipated to be redeveloped into a multi-story residential building, consisting of mixed affordable housing and market-rate units. The contemplated use for purposes of redevelopment of the site under the NYSDEC BCP would be restricted-residential.

According to New York City's Zoning and Land Use Map (ZOLA), the site is in a M1-4/R7X zoning district and included in the Special Gowanus Mixed Use District. M1-4 has a residential equivalent (R7X), indicating that residential uses can be developed at the site. The proposed use is consistent with applicable zoning laws and maps for the Gowanus neighborhood.

2.3 Environmental History

The following environmental reports were prepared for the site and are included in Appendix A.

- Phase I Environmental Audit – 252 Third Street, prepared by AquaTerra Environmental Services Corp. (AquaTerra), dated 1991
- Phase II Environmental Audit – 252-258 Third Street, prepared by AquaTerra, dated 1991
- Draft Phase I Environmental Site Assessment (ESA) – prepared by Integral Consulting Inc. (Integral), dated November 2015
- Draft Phase I ESA – prepared by Integral, dated January 2016

Environmental conditions established in the above reports are summarized in the sections below:

<u>General Site History</u>

The site lies above the former Denton's Mill Pond and adjoining marsh, which was constructed in the early 1700s, and infilled as part of the Gowanus Canal construction in the mid-1800s. The site was then used for commercial and industrial uses from the early 1880s, including a coal yard (1888-1951), soap manufacturing operations (1951-1978), plating and polishing corporation (1965-1980), and autobody shop (1978-1982). A gasoline tank was noted on the 1926 Sanborn Fire Insurance Map in the northeastern part of the site, but was not depicted on subsequent maps. Additionally, the former 5th Street basin extension of the Gowanus Canal previously adjoined the site to the south before being infilled around 1950. The site began operating as a parking lot for Consolidated Edison (ConEd) in 1980 through the present-day

Previous Environmental Sampling

AquaTerra completed a limited Phase II Environmental Audit in 1991 to evaluate areas of environmental concern identified in the 1991 AquaTerra Phase I, including historical use of the northeastern part of the site as a metal plating and auto body repair facility from 1968 to 1974. As part of the Phase II Environmental Audit, AquaTerra collected 22 soil samples from 11 borings advanced between 2 and 5 feet bgs for laboratory analysis of VOCs and TCLP metals. While compounds were detected in the soil samples, concentrations of VOCs and TCLP metals were below relevant regulatory levels at the time, and no further actions were recommended by the report. The AquaTerra Phase II data is not tabulated in this RIWP because of its age and it cannot be validated.

Previous Phase I Environmental Site Assessments

Integral Consulting (Integral) performed two Phase I Environmental Site Assessments (ESA) (drafts dated November 2015 and January 2016). Integral's most recent Phase I ESA (draft dated 1/7/2016) identified the following RECs:

REC 1 – Historical Use of the Subject Property as a Metal Plating and Automotive Body Shop

A metal plating facility and an automotive body shop existed along the northern frontage of the site, adjacent to Third Street, from 1965 through 1980. Plating operations and automotive services on the site constitute a REC.

REC 2 – Filling in of 5th Street Basin

Records show that along the southern boundary of the site, the former 5th Street Basin was filled in around 1951. New York City canals filled in during this time period typically were filled with what is now known as fill. Fill may be solid waste, including coal ash, wood ash, municipal solid waste incinerator ash, construction and demolition debris, dredged sediments, railroad ballast, refuse and land clearing debris, which was used prior to 10 October 1962 (6 NYCRR 375-1.2 [x]). The filling of this basin with is considered an off-site REC.

REC 3 – Gowanus Canal Superfund Site

At a proximity of 300 feet west of the subject property, the Gowanus Canal has been listed on the National Priorities List (NPL; "Superfund") and classified as a significant threat to the public health or environment. Numerous contaminants of concern exist within the canal and surrounding areas. Efforts are currently underway by potentially responsible parties to investigate and remediate the canal. The site is identified in the NPL under EPA ID: NYN000206222. The proximity of the Gowanus Canal is considered an off-site REC.

REC 4 – Historical Use of Adjoining Properties

The environmental database review identified three adjoining properties with extensive environmental records that indicate the presence or likely presence of petroleum or hazardous materials under threat of material release.

Northern Boundary:

- Consolidated Edison – Third Avenue Yard: This property contains numerous NYSDEC spill numbers, two of which are still listed as open (Spill Numbers 0203307 and 9808009). There is also a significant amount of disposal manifests associated with the use of this property.

Eastern Boundary:

- Pep Boys Automotive Facility – Store Number 0247: There are numerous listings which identify this property in manifest and underground storage tank (UST) listings. In addition to these listings the property is utilized as an automobile service station increasing the likelihood of a petroleum release near the site.

Southern Boundary:

- U-Haul Moving and Storage of Park Slope: There are numerous listings which identify this property in manifest and UST listings. In addition to these listings, the property is utilized as an automobile service station further increasing the likelihood of petroleum impacts near the subject property.

Previous environmental reports for the site are included in Appendix A.

2.4 Geology

Based on a review of the "Bedrock and Engineering Geologic Maps of New York County and Parts of Kings and Queens Counties, New York, and Parts of Bergen and Hudson Counties, New Jersey" by Charles A. Baskerville, et al., the bedrock underlying the site is the Hartland Formation. The Hartland Formation is comprised of a dark grey, medium- to coarse-grained muscovite-biotite-garnet (mica) schist and grey fine-grained quartz feldspar granulite with biotite and garnet, with localized concentrations of granite and intrusions of coarse-grained granitic pegmatite.

During the Phase II ESI, a non-native fill layer was observed from surface grade to between 9.5 feet below grade surface (bgs) to the maximum boring termination depth of about 20 bgs and consisted of fine-grained sand with varying amounts of silt, gravel, and anthropogenic materials (brick, coal, coal ash, wood vegetation, and concrete).

In borings where the fill layer did not extend to the boring termination depth, the fill was underlain by native soil primarily consisting of brown to gray sand with varying amounts of clay and gravel, and clay lenses. Bedrock was not encountered during the Phase II ESI (maximum boring depth was 20 feet bgs).

2.5 Hydrogeology

Groundwater flow is typically topographically influenced, as shallow groundwater tends to originate in areas of topographic highs and flow toward areas of topographic lows, such as rivers, stream valleys, ponds, and wetlands. A broader, interconnected hydrogeologic network often governs groundwater flow at depth or in the bedrock aquifer. Groundwater depth and flow direction are also subject to hydrogeologic and anthropogenic variables such as precipitation, evaporation, extent of vegetative cover, and coverage by impervious surfaces. Other factors influencing groundwater include depth to bedrock, artificial fill, and variability in local geology and

groundwater sources or sinks. Potable water is provided by the City of New York and is derived from surface impoundments in the Croton, Catskill, and Delaware watersheds.

During the Phase II ESI, groundwater was encountered from about 12 to 16 feet bgs and is inferred to flow west towards the Gowanus Canal. Groundwater flow direction was not evaluated as part of this Phase II ESI, but regional groundwater flow is anticipated to the west towards the Gowanus Canal.

Based on the current Federal Emergency Management Agency Flood Insurance Rate Maps dated 5 September 2007 (Map No. 3604970211F), the site is not located in a flood zone.

3.0 FIELD INVESTIGATION

The Phase II ESI was implemented between 22 and 30 December 2025 and consisted of performance of a geophysical survey; advancement of seven soil borings, installation of three permanent monitoring wells, installation of three soil vapor points; and collection and laboratory analysis of 12 soil samples, three groundwater samples, and three soil vapor samples. Quality assurance/quality control (QA/QC) samples were collected for soil and groundwater samples. A sample collection summary is provided as Table 1.

3.1 Geophysical Survey

Nova Geophysical Services, Inc. (NOVA) conducted a geophysical survey under Langan observation on 22 December 2025 using ground penetrating radar and electromagnetic detection equipment across accessible portions of the site and surrounding sidewalks to clear proposed sample locations and attempt to identify USTs, utilities, and/or subsurface anomalies at the site.

A copy of the geophysical survey report is included in Appendix B.

3.2 Soil Investigation and Sampling Methodology

The soil investigation included advancement of seven soil borings (SB01 through SB07) by Lakewood Environmental Services, Corp. of Smithtown, New York (Lakewood) under observation by Langan field personnel. The borings were biased towards areas of suspected contamination and located to avoid utilities, obstructions, and subsurface anomalies. Soil boring locations are shown on Figures 2 and 3.

The top five feet of each soil boring was pre-cleared using a hand auger. Soil borings were then advanced using a Geoprobe 7822DT drill rig to a maximum depth of 20 feet bgs. Recovered soil from the hand augur was placed on dedicated plastic sheeting alongside the boring of origin. The remaining soil samples were collected into MacroCore samplers lined with 4-foot-long dedicated acetate sleeves during borehole advancement using the drill rig. Extracted soil was screened with a photoionization detector (PID) equipped with a 10.6 electron volt lamp, inspected for visual and olfactory evidence of contamination, and classified by Langan field personnel. The soil boring logs are provided in Appendix C.

Up to three grab soil samples were collected from each boring for laboratory analysis. Soil samples were collected from shallow fill, the two-foot interval at the groundwater interface, and/or the interval of greatest impacts (if observed). One duplicate soil sample and one soil field blank sample were collected for QA/QC purposes.

Soil samples were collected into laboratory-supplied glassware and TerraCore samplers (volatile organic compounds [VOC] samples only) and submitted to a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified laboratory (SGS North America – Environmental Testing [SGS] of Dayton, New Jersey [ELAP ID #10983]) via courier service under standard chain-of-custody protocol. New York Analytical Services Protocols Category B laboratory reports were provided by SGS. Soil samples were analyzed for some or all the following parameters:

- Target Compound List (TCL) VOCs by United States Environmental Protection Agency (USEPA) Method 8260D/5035

- TCL semivolatile organic compounds (SVOC) by USEPA Method 8270E
- Target analyte list (TAL) metals by USEPA Method 6010D/7471B
- Hexavalent chromium by USEPA Method 7196A
- Trivalent chromium by USEPA Method 7196/6010
- Polychlorinated biphenyls (PCB) by USEPA Method 8082A
- Cyanide by USEPA Method 9012B

3.3 Groundwater Investigation and Sampling Methodology

Three permanent groundwater monitoring wells (MW02, MW03, and MW07) were installed by Lakewood in select boring locations (SB02, SB03, and SB07, respectively) under the observation of Langan field personnel. Monitoring well locations are shown on Figures 2 and 4.

The monitoring wells were constructed with a Geoprobe 7822DT drill rig and a 6-inch-diameter auger attachment. Monitoring wells were constructed using 2-inch-diameter, 0.02-inch slotted polyvinyl chloride (PVC) well screen placed across the observed groundwater table and solid PVC riser to the surface. The annulus of each groundwater monitoring well was filled with No. 2 sand to about 2 feet above the top of the screen followed by a 2-foot-thick bentonite seal above the sand. The remaining borehole annulus was grouted to the surface with a bentonite and cement slurry. The wells were finished at surface grade with a steel manhole cover set in concrete. Following installation, the groundwater monitoring wells were developed and purged by Lakewood personnel using a submersible pump and surge block. Purged development water was containerized in a labeled United Nations/Department of Transportation-approved 55-gallon drum pending future off-site disposal at a permitted facility. Monitoring well construction logs are provided in Appendix D.

One groundwater sample was collected from each permanent monitoring well at least one week following well development in accordance with the NYSDEC Division of Environmental Remediation (DER)-10 and USEPA's Low Flow Purging and Sampling Procedures for the Collection of Groundwater Samples from Monitoring Wells (Low Flow Procedures).

The groundwater samples were collected using a peristaltic pump and high-density polyethylene tubing. Before a groundwater sample was collected, the wells were gauged and continuously purged in an attempt to stabilize groundwater quality parameters (pH, conductivity, turbidity, dissolved oxygen, temperature, and oxidation-reduction potential), to the extent practical, in accordance with the USEPA's low-flow sampling guidance. Criteria for stabilization were three consecutive readings, each 5 minutes apart, of all parameters within the limits specified in the USEPA's low-flow sampling guidance. A multi-parameter water quality system (Horiba U-52) was used to monitor the groundwater quality parameters during purging. Turbidity readings did not stabilize in MW03 and MW07, and both wells were sampled after about one hour of purging.

The groundwater samples were collected into laboratory-supplied glassware and submitted to SGS via courier service under standard chain-of-custody protocol. One groundwater duplicate sample, one groundwater field blank sample, and one groundwater trip blank sample were

collected for QA/QC purposes. The groundwater sampling logs are provided in Appendix D. The groundwater samples were analyzed for the following analyses:

- TCL VOCs by USEPA Method 8260D
- TCL SVOCs by USEPA Method 8270E
- TAL metals (total and dissolved) by USEPA Method 6020B and 7470A
- Hexavalent chromium by USEPA Method 7196A
- Trivalent chromium by USEPA Method 6020B and 7196A
- Cyanide by USEPA Method 335.4

3.4 Soil Vapor Investigation and Sampling Methodology

Three soil vapor sampling points (SV02, SV03, and SV07) were installed by Lakewood under observation by Langan field personnel. Soil vapor points were installed using a Geoprobe 7822DT drill rig to 5 feet bgs. Soil vapor sampling locations are shown on Figures 2 and 5.

The soil vapor points were installed in accordance with the NYSDOH Soil Vapor Guidance and consisted of 2-inch polyethylene implants threaded into 1/4-inch-diameter polyethylene tubing. The annulus of each soil vapor point was filled with one foot of No. 2 sand above the top of the implant, followed by a hydrated bentonite seal to surface grade. Before collecting the soil vapor sample, a minimum of three implant volumes (i.e., the volume of the sample probe and tubing) were purged from the sample port at a maximum rate of 0.2 liters per minute using a RAE Systems MultiRAE multi-gas meter. The purged soil vapor was monitored for VOCs with the MultiRAE during purging.

A helium tracer gas was used in accordance with NYSDOH protocols to serve as a QA/QC technique to document the integrity of the vapor sampling point seal before and after sampling. The tracer gas was introduced into a container placed above the sample port and sealed to the ground with bentonite; the container acted as a shroud for the vapor point and seal. Helium was measured from the sampling tube and inside the container. The sample tubing at each vapor point did not contain more than 10% of the tracer gas concentration that was introduced into the container; therefore, the seals at each location were considered adequate for sampling.

After the integrity of each seal was confirmed, vapor samples were collected over a 2-hour sampling period into laboratory-supplied batch-certified-clean 6-liter Summa canisters calibrated with flow controllers.

Soil vapor samples were submitted to SGS via courier service under standard chain-of-custody protocol and analyzed for VOCs by the USEPA Method TO-15 and naphthalene. The vapor sampling logs are provided in Appendix E.

4.0 OBSERVATIONS AND RESULTS

4.1 Geophysical Survey

A geophysical survey was conducted across accessible areas of the site, to the extent feasible. Anomalous findings, as interpreted by NOVA, are summarized below:

- Subsurface anomalies resembling various utilities (e.g., electric, gas, water, sewer) were identified within the north-adjoining Third Street sidewalk.
    - Electrical utilities were identified along the Third Street sidewalk, and electrical enters the site into an above ground electrical box. Throughout the site, electrical utilities were documented to be overhead on utility poles.
- A 4-foot-wide by 6-foot-long anomaly was identified in the northwestern corner of the site approximately 4 feet bgs and is consistent with a potential UST.

The geophysical survey report is attached as Appendix B.

4.2 Subsurface Observations

All soil borings were advanced to approximately 20 feet bgs. The subsurface stratigraphy generally consists of a fill layer observed from surface grade to between 9.5 feet bgs to boring termination depth of about 20 feet bgs consisting of fine-grained sand with varying amounts of silt, gravel, and anthropogenic materials (brick, coal, coal ash, wood, vegetation, and concrete). In borings where the fill layer did not extend to the boring termination depth, the fill was underlain by native soil primarily consisting of brown-to-gray sand with varying amounts of clay and gravel, and clay lenses. Bedrock was not encountered during the Phase II ESI (maximum boring depth was 20 feet bgs).

Visual, olfactory, and/or PID evidence of impacts identified in the borings is summarized in the below table:

Boring ID	Evidence of Impacts	Depth of Impacts (feet bgs)	Maximum PID Reading (ppm)
SB03	Organic-like odor; gray staining; PID readings above background; negative sheen test	12 to 18	16.5
SB04	Organic-like odor; gray staining	16 to 20	0.0

ppm = part per million

Wet soil indicative of the groundwater interface was encountered in soil borings from about 12 to 13 feet bgs across the site. Depth to groundwater was measured using an oil-water interface probe in monitoring wells and was observed from about 13.45 to 15.97 feet below the top of the well casings. During well purging and sampling, an organic-like odor and gray color was apparent in MW03. The monitoring wells were not surveyed during the Phase II ESI.

4.3 Soil Sample Analytical Results

Twelve soil samples were collected from seven soil borings (SB01 through SB07) for laboratory analysis (plus QA/QC samples). Soil sample analytical results were compared to Title 6 of the New York Codes, Rules and Regulations (6 NYCRR) Part 375 Unrestricted Use (UU), Restricted

Use Restricted Residential (RURR), and Protection of Groundwater (PGW) Soil Cleanup Objectives (SCO).

Soil sample analytical results are provided in Table 2 and shown on Figure 3. Laboratory analytical reports for soil are provided in Appendix F.

VOCs

One VOC, acetone, was detected at concentrations exceeding the UU and PGW SCOs in three samples collected from 2 to 18 feet bgs in three borings (SB03, SB04, and SB07). No VOCs were detected at concentrations exceeding the RURR SCOs.

The table below provides the concentration range of acetone that was detected above the UU and PGW SCOs. Concentrations **bolded** exceed the UU SCOs, and shaded concentrations exceed the PGW SCOs.

Analyte	UU SCOs (mg/kg)	PGW SCOs (mg/kg)	RURR SCOs (mg/kg)	Minimum Detected Concentration above SCOs (mg/kg)		Maximum Detected Concentration above SCOs (mg/kg)	
VOCs							
Acetone	**0.03**	0.03	100	**0.0323**	SB03_12-14	**0.0661**	SB04_16-18

mg/kg = milligram per kilogram

SVOCs

One or more of 15 SVOCs were detected at concentrations exceeding the UU, PGW, and RURR SCOs in five samples collected from 1 to 17 feet bgs in four borings (SB01, SB03, SB04, and SB06).

The table below provides concentration ranges of SVOCs that were detected above the SCOs. Concentrations **bolded** exceed the UU SCOs, concentrations shaded exceed the PGW SCOs, concentrations underlined exceed the RURR SCOs.

Analyte	UU SCOs (mg/kg)	PGW SCOs (mg/kg)	RURR SCOs (mg/kg)	Minimum Detected Concentration above SCOs (mg/kg)		Maximum Detected Concentration above SCOs (mg/kg)	
SVOCs							
3 & 4 Methylphenol (m&p Cresol)	**0.33**	0.33	100	**0.568**	SB04_16-18	**0.568**	SB04_16-18
Acenaphthene	**20**	98	100	**309**	SB03_15-17	**309**	SB03_15-17
Anthracene	**100**	1000	100	**261**	SB03_15-17	**261**	SB03_15-17
Benzo(a)anthracene	**1**	1	1.4	**1.53**	SB01_2-4	**114**	SB03_15-17
Benzo(a)pyrene	**1**	22	1	**1.69**	SB01_2-4	**155**	SB03_15-17
Benzo(b)fluoranthene	**1**	2.1	1.4	**1.63**	SB01_2-4	**94.1**	SB03_15-17
Benzo(g,h,i)Perylene	**0.64**	1000	4.9	**1.81**	SB01_2-4	**121**	SB03_15-17

Analyte	UU SCOs (mg/kg)	PGW SCOs (mg/kg)	RURR SCOs (mg/kg)	Minimum Detected Concentration above SCOs (mg/kg)		Maximum Detected Concentration above SCOs (mg/kg)	
Benzo(k)fluoranthene	**0.8**	2	4.9	**1.65**	SB03_1-3	**14.1**	SB03_15-17
Chrysene	**1**	1	4.9	**1.21**	SB01_2-4	**89.6**	SB03_15-17
Dibenz(a,h)anthracene	**0.33**	1000	0.33	**0.94**	SB03_1-3	**8.17**	SB03_15-17
Fluoranthene	**85**	1000	100	**420**	SB03_15-17	**420**	SB03_15-17
Fluorene	**30**	386	100	**322**	SB03_15-17	**322**	SB03_15-17
Indeno(1,2,3-cd)pyrene	**0.5**	6.6	1.4	**0.961**	SB01_2-4	**72.1**	SB03_15-17
Phenanthrene	**1.1**	1000	4.9	**1.11**	SB01_2-4	**490**	SB03_15-17
Pyrene	**64**	1000	100	**620**	SB03_15-17	**620**	SB03_15-17

PCBs

PCBs were detected at concentrations exceeding the UU SCOs in five samples collected from 1 to 4 feet bgs in four borings (SB02, SB03, SB04, and SB07).

The table below provides concentration ranges of PCBs that were detected above the UU SCOs. Concentrations **bolded** exceed the UU SCOs.

Analyte	UU SCOs (mg/kg)	PGW SCOs (mg/kg)	RURR SCOs (mg/kg)	Minimum Detected Concentration above SCOs (mg/kg)		Maximum Detected Concentration above SCOs (mg/kg)	
PCBs							
Total PCBs	**0.1**	3.2	1	**0.174**	SB04_2-4	**0.341**	SB03_1-3

Metals

One or more of 14 metals were detected at concentrations exceeding the UU, PGW, and RURR SCOs in 10 samples collected from 1 to 18 feet bgs in all seven borings (SB01 through SB07).

The table below provides concentration ranges of metals that were detected exceeding the UU, PGW, and RURR SCOs. Concentrations **bolded** exceed the UU SCOs, concentrations shaded exceed the PGW SCOs, and concentrations underlined exceed the RURR SCOs.

Analyte	UU SCOs (mg/kg)	PGW SCOs (mg/kg)	RURR SCOs (mg/kg)	Minimum Detected Concentration above SCOs (mg/kg)		Maximum Detected Concentration above SCOs (mg/kg)	
Metals							
Arsenic	**13**	16	16	**19.3**	SB04_16-18	**19.3**	SB04_16-18
Barium	**410**	820	410	**496**	SB03_1-3	**800**	SB04_2-4
Beryllium	**4.4**	47	43	**4.5**	SB06_10-12	**26.4**	SB04_2-4
Cadmium	**2.5**	7.5	2.5	**6.6**	SB07_2-4	**6.9**	DUP01_122225
Chromium, Hexavalent	**1**	19	1	**5**	SB06_10-12	**211**	SB03_1-3

Analyte	UU SCOs (mg/kg)	PGW SCOs (mg/kg)	RURR SCOs (mg/kg)	Minimum Detected Concentration above SCOs (mg/kg)		Maximum Detected Concentration above SCOs (mg/kg)	
Chromium, Trivalent	**30**	19	110	25.4	SB07_2-4	**273**	SB04_2-4
Copper	**50**	1720	280	**161**	SB05_4-6	**5010**	SB04_2-4
Cyanide	**2.3**	40	13	**11.8**	SB03_1-3	**12.7**	SB06_10-12
Lead	**63**	450	400	**198**	SB01_2-4	**3900**	SB04_2-4
Mercury	**0.18**	0.73	0.3	**0.63**	SB03_12-14	**1**	SB05_4-6
Nickel	**30**	130	320	**31.3**	SB05_4-6	**2380**	SB04_2-4
Silver	**2**	8.3	110	**8**	SB03_1-3	**9.4**	SB04_2-4
Zinc	**109**	2480	6600	**130**	SB01_2-4	**10600**	SB04_2-4

4.4 Groundwater Sample Analytical Results

Three groundwater samples were collected from three permanent monitoring wells (MW02, MW03, and MW07) for laboratory analysis. Groundwater analytical results were compared to the NYSDEC Title 6 NYCRR Part 703.5 and the NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values for Class GA water (collectively the NYSDEC SGVs). Groundwater sample results are provided in Table 3 and shown on Figure 4. Laboratory analytical reports for groundwater are provided in Appendix F.

VOCs

One or more of two VOCs exceeded the NYSDEC SGVs in one groundwater sample and the duplicate sample collected from MW03. The table below provides concentration ranges of VOCs that were detected above the NYSDEC SGVs.

Analyte	NYSDEC SGVs (ug/L)	Minimum Detected Concentration above SGVs (ug/L)		Maximum Detected Concentration above SGVs (ug/L)	
VOCs					
Benzene	1	2	GWDUP01_123025	2.2	MW03_123025
Ethylbenzene	5	5.3	MW03_123025	5.4	GWDUP01_123025

SVOCs

One or more of ten SVOCs exceeded the NYSDEC SGVs in the groundwater samples from MW03 and MW07 and the duplicate sample collected from MW03. The table below provides concentration ranges of SVOCs that were detected above the NYSDEC SGVs.

Analyte	NYSDEC SGVs (ug/L)	Minimum Detected Concentration above SGVs (ug/L)		Maximum Detected Concentration above SGVs (ug/L)	
SVOCs					
Acenaphthene	20	117	MW07_123025	228	GWDUP01_123025
Benzo(a)anthracene	0.002	0.45	MW03_123025	2.5	MW07_123025
Benzo(a)pyrene	0	1.3	GWDUP01_123025	4.8	MW07_123025
Benzo(b)fluoranthene	0.002	0.93	GWDUP01_123025	4.3	MW07_123025
Benzo(k)fluoranthene	0.002	0.33	GWDUP01_123025	4.6	MW07_123025
Chrysene	0.002	0.29	MW03_123025	2.1	MW07_123025
Fluorene	50	64.3	MW03_123025	76	GWDUP01_123025

Analyte	NYSDEC SGVs (ug/L)	Minimum Detected Concentration above SGVs (ug/L)		Maximum Detected Concentration above SGVs (ug/L)	
Indeno(1,2,3-cd)pyrene	0.002	0.53	GWDUP01_123025	2.1	MW07_123025
Naphthalene	10	1,100	MW03_123025	1,150	GWDUP01_123025
Phenanthrene	50	56.3	GWDUP01_123025	56.3	GWDUP01_123025

Metals

Five dissolved metals (lab filtered) exceeded the NYSDEC SGVs in all three groundwater samples and the duplicate sample collected from MW03.

The table below provides concentration ranges of dissolved metals that were detected above the NYSDEC SGVs.

Analyte	NYSDEC SGVs (ug/L)	Minimum Detected Concentration above SGVs (ug/L)		Maximum Detected Concentration above SGVs (ug/L)	
Metals - Dissolved					
Iron	300	1,770	MW03_123025	4,070	GWDUP01_123025
Lead	25	38.1	GWDUP01_123025	38.1	GWDUP01_123025
Magnesium	35000	46,800	MW03_123025	70,200	MW02_123025
Manganese	300	819	MW07_123025	9,610	MW02_123025
Sodium	20000	127,000	MW07_123025	744,000	MW02_123025

Six metals (not filtered) exceeded the NYSDEC SGVs in all three groundwater samples and the duplicate sample collected from MW03.

The table below provides concentration ranges of total metals that were detected above the NYSDEC SGVs.

Analyte	NYSDEC SGVs (ug/L)	Minimum Detected Concentration above SGVs (ug/L)		Maximum Detected Concentration above SGVs (ug/L)	
Metals - Total					
Beryllium	3	4.1	MW07_123025	4.1	MW07_123025
Iron	300	8,870	MW03_123025	20,700	MW07_123025
Lead	25	131	MW07_123025	359	GWDUP01_123025
Magnesium	35000	48,800	MW03_123025	69,300	MW02_123025
Manganese	300	943	MW07_123025	9,790	MW02_123025
Sodium	20000	116,000	MW07_123025	745,000	MW02_123025

4.5 Soil Vapor Sample Results

Three soil vapor samples were collected from three soil vapor points (SV02, SV03, and SV07) and submitted for laboratory analysis of USEPA TO-15 VOCs and naphthalene. No regulatory standard currently exists for soil vapor samples in New York State. Petroleum-related compounds, including BTEX, were detected in all soil vapor samples across the site. Total VOCs were detected at a maximum concentration of 2,298.2 micrograms per cubic meter ($\mu g/m^3$) in soil vapor sample SV02_0122325 in the northeastern part of the site.

The soil vapor analytical results are summarized in Table 4 and shown on Figure 5. Laboratory analytical reports for soil vapor are provided in Appendix F.

5.0 CONCLUSIONS

The conclusions based on the findings of the Phase II ESI are as follows:

- Geophysical Survey: Subsurface anomalies, interpreted as various utility lines (e.g., electric, gas, water, sewer), were detected across the site. Electrical utilities were identified along the Third Street sidewalk, and electrical enters the site into an above ground electrical box. Throughout the site, electrical utilities are overhead on utility poles. A 4-foot-wide by 6-foot-long anomaly was identified in the northwestern corner of the site approximately 4 feet bgs and is consistent with a potential UST.
- Stratigraphy: Fill was observed from surface grade to between 9.5 feet bgs to boring termination depth of about 20 feet bgs and consisted of fine-grained sand with varying amounts of silt, gravel, and anthropogenic materials (brick, coal, coal ash, wood, vegetation, and concrete). In borings where the non-native fill layer did not extend to the boring termination depth, the fill layer was underlain by native soil primarily consisting of brown-to-gray sand with varying amounts of clay and gravel, and clay lenses. Bedrock was not encountered during the Phase II ESI.
- Hydrogeology: Groundwater was encountered in soil from about 12 to 13 feet bgs across the site. Depth to groundwater was measured using an oil-water interface probe in monitoring wells and was observed from about 13.45 to 15.97 feet below the top of the well casings. During well purging and sampling, an organic-like odor and gray color was apparent at MW03. Regional groundwater is expected to flow west towards the Gowanus Canal. Groundwater flow direction was not evaluated as part of this Phase II ESI.
- Soil Analytical Results:
    - The fill layer contains VOCs, SVOCs, PCBs, and metals at concentrations above the UU, PGW, and/or RURR SCOs. Of the 13 samples collected during the Phase II ESI, 11 contained concentrations of SVOCs and/or metals above the RURR SCOs. The presence of SVOCs, PCBs, and metals are attributed to the fill quality and historical site operations. The presence of acetone in soil samples is likely a laboratory artifact.
    - Native soil contains contaminants including SVOCs and metals exceeding the UU and/or RURR SCOs. Out of the three samples collected from native soil, two samples (SB03_12-14 and SB03_15-17) had concentrations of SVOCs and metals above the UU and RURR SCOs.
    - Compounds detected in groundwater above the NYSDEC SGVs were evaluated in soil samples and compared to the PGW SCOs. SVOCs and metals (Benzo(a)anthracene, Benzo(b)fluoranthene, Chrysene, Benzo(a)pyrene, Benzo(k)fluoranthene, Indeno(1,2,3-cd)pyrene, and lead) were detected in soil samples above the PGW SCOs and in groundwater above the SGVs.

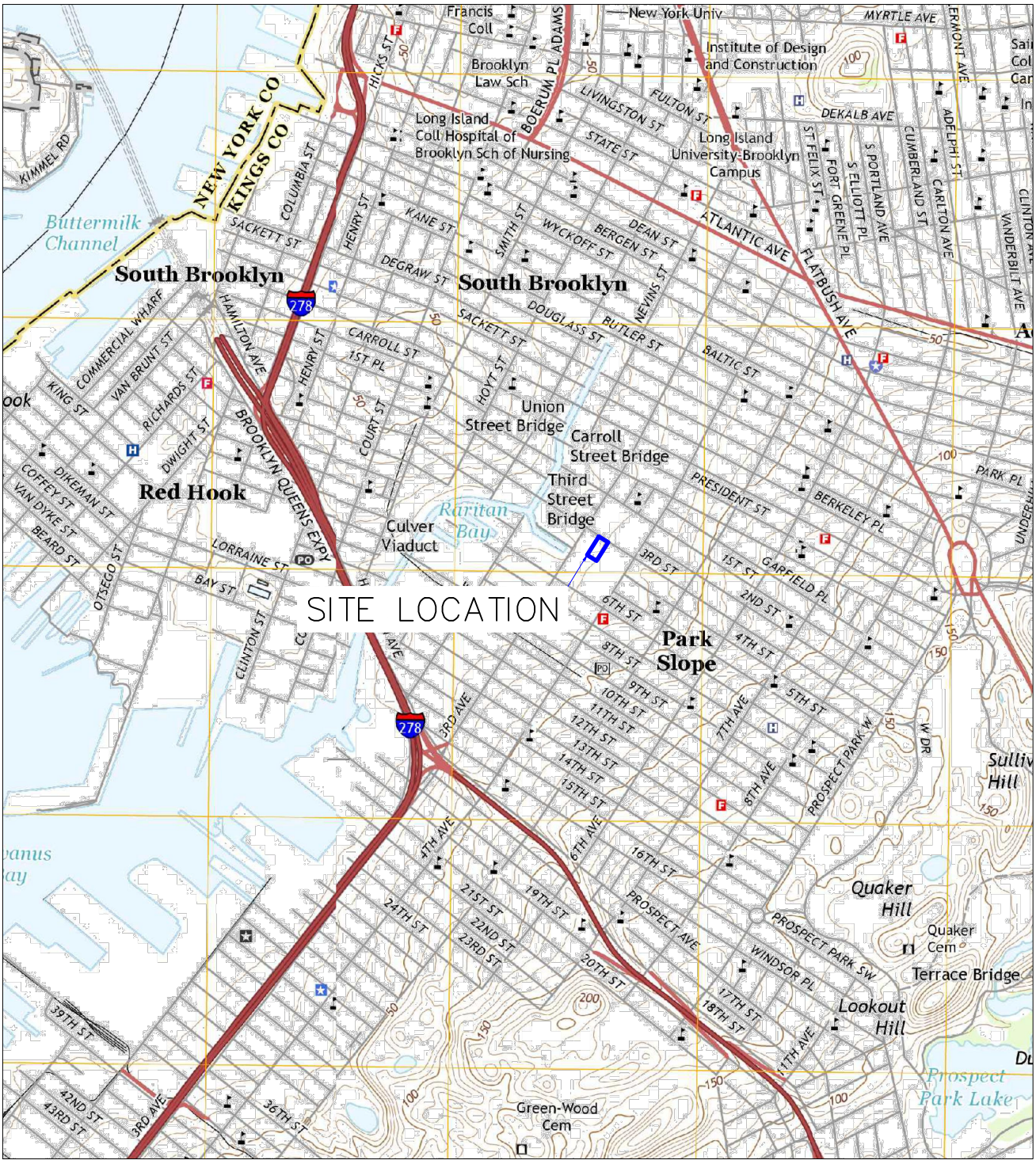
- Groundwater Analytical Results:
    - Groundwater across the site contains VOCs, SVOCs, and total and dissolved metals at concentrations exceeding the NYSDEC SGVs. Select SVOCs (acenaphthene, fluorene, phenanthrene, and naphthalene) and lead are attributed to an on-site historical source, and remaining SVOCs are attributed to entrained sediments in the groundwater samples collected within the non-native fill layer. Dissolved metals (including iron, magnesium, manganese, and sodium) above SGVs detected in groundwater are common earth metals and are naturally occurring or representative of regional groundwater conditions.
- Soil Vapor Analytical Results:
    - Petroleum-related compounds and chlorinated solvents were detected in soil vapor samples across the site. The presence of petroleum-related compounds in soil vapor is attributed to historical site operations. No on-site source of chlorinated solvents was identified and the relatively low concentrations of chlorinated solvents compounds do not indicate an on-site source are consistent with background conditions within the Gowanus neighborhood.

In summary, there is no exposure to the current site occupants (transient, open-air private parking lot users); however, the presence of contaminants in soil above the anticipated use-specific standards requires remediation to facilitate future restricted-residential redevelopment.

6.0 LIMITATIONS

This Phase II ESI Report was prepared expressly for 252 Third Street Realty, LLC for the 252 Third Street site and for the objectives defined herein. Special risks occur whenever engineering or related disciplines are applied to identify subsurface conditions. Even a comprehensive sampling and testing program implemented in accordance with a professional Standard of Care may fail to detect certain conditions. The environmental, geologic, geotechnical, geochemical, and hydrogeologic conditions that Langan interprets to exist between sampling points will differ from those that actually exist. Actual conditions will vary from those encountered at the locations where borings, sampling, surveys, observations, or explorations are made by Langan or its subcontractors and the data, interpretation, and recommendations of Langan are based solely on the information available to it. Furthermore, the passage of time, natural occurrences, and/or direct or indirect human intervention at or near the site may substantially alter discovered conditions. Langan shall not be responsible for interpretations by others of the information it develops or provides to 252 Third Street Realty, LLC without specific written authorization from Langan.

FIGURES



WARNING: IT IS A VIOLATION OF THE NYS EDUCATION LAW ARTICLE 145 FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, LAND SURVEYOR OR GEOLOGIST, TO ALTER THIS ITEM IN ANY WAY.

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SCALE: 1 INCH = 2000 FEET

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Project	252 3RD STREET BLOCK No. 980, LOT No. 19 BROOKLYN KINGS COUNTY NEW YORK
Figure Title	SITE LOCATION MAP
Project No.	170970401
Date	2/6/2026
Drawn By	LC
Checked By	ERA
Figure	1
Sheet	1 of 5

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Filename: \\langan.com\data\NYC\data4\170970401\Project Data\CAD\01\2D-DesignFiles\Environmental\Figure 1 - Site Location Map.dwg Date: 2/6/2026 Time: 17:23 User: lcristiano Style Table: Langan.stb Layout: Figure 1 - Site Location Map



LEGEND:

- APPROXIMATE SITE BOUNDARY
- APPROXIMATE LOCATION OF GEOPHYSICAL ANOMALY
- SB01 — APPROXIMATE SOIL BORING LOCATION
- SB02/MW02 — APPROXIMATE CO-LOCATED SOIL BORING AND MONITORING WELL LOCATION
- SV02 — APPROXIMATE SOIL VAPOR POINT LOCATION

NOTES:

1. BASE MAP FROM THE NEW YORK CITY DEPARTMENT OF FINANCE PROPERTY INFORMATION PORTAL ACCESSED ON 15 JANUARY 2026.
2. APPROXIMATE LOCATION OF GEOPHYSICAL ANOMALY DETERMINED DURING A 22 DECEMBER 2026 GEOPHYSICAL SURVEY, WHICH INDICATED THE ANOMALY MAY BE CONSISTENT WITH AN UNDERGROUND STORAGE TANK (UST).

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Project
252 3RD STREET
BLOCK No. 980, LOT No. 19
BROOKLYN
KINGS COUNTY NEW YORK

Figure Title
SAMPLE LOCATION MAP

Project No. 170970401
Date 2/5/2026
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Checked By ERA

2
Sheet 2 of 5

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Filename: \\langan.com\data\NYC\data4\170970401\Project Data\CAD\01\2D-DesignFiles\Environmental\Figures 2 through 4 - Sample Location Map and Tag Maps.dwg Date: 2/5/2026 Time: 16:04 User: lcristiano Style Table: Langan.stb Layout: Figure 2 - Sample Location Map



Location	SB06
Sample Name	SB06_10-12
Sample Date	12/23/2025
Sample Depth	10-12
VOCs	
Acetone	<0.029 U
SVOCs	
4-Methylphenol (P-Cresol)	<0.089 U
Acenaphthene	1.23
Anthracene	3.09
Benzo(a)anthracene	**25.8**
Benzo(a)pyrene	**44.4**
Benzo(b)fluoranthene	**40**
Benzo(g,h,i)Perylene	**50.9**
Benzo(k)fluoranthene	**19**
Chrysene	**19.9**
Dibenz(a,h)anthracene	**4.59**
Fluoranthene	32.2
Fluorene	0.828
Indeno(1,2,3-cd)pyrene	**32.7**
Phenanthrene	**5.72**
Pyrene	57.6
Metals	
Arsenic	5
Barium	193
Beryllium	**4.5**
Cadmium	1.3
Chromium, Hexavalent	**5**
Chromium, Total	**48.9**
Chromium, Trivalent	**43.9**
Copper	**599**
Cyanide	**12.7**
Lead	**820**
Mercury	<0.045 U
Nickel	**239**
Silver	<0.66 U
Zinc	**2,150**

Location	SB01	
Sample Name	SB01_2-4	
Sample Date	12/22/2025	
Sample Depth	2-4	
VOCs		
Acetone	<0.013 U	
SVOCs		
4-Methylphenol (P-Cresol)	<0.079 U	
Acenaphthene	0.115	
Anthracene	0.367	
Benzo(a)anthracene	**1.53**	
Benzo(a)pyrene	**1.69**	
Benzo(b)fluoranthene	**1.63**	
Benzo(g,h,i)Perylene	**1.81**	
Benzo(k)fluoranthene	0.556	
Chrysene	**1.21**	
Dibenz(a,h)anthracene	0.19	
Fluoranthene	3.45	
Fluorene	0.139	
Indeno(1,2,3-cd)pyrene	**0.961**	
Phenanthrene	**1.11**	
Pyrene	6.11	
PCBs		
Total PCBs	0.0073 J	
Metals		
Arsenic	12.7	
Barium	184	
Beryllium	0.5	
Cadmium	<0.57 U	
Chromium, Hexavalent	<0.48 U	
Chromium, Total	**15.8**	
Chromium, Trivalent	15.8	
Copper	43.6	
Cyanide	1	
Lead	**198**	
Mercury	**0.74**	
Nickel	19.2	
Silver	<0.57 U	
Zinc	**130**	

Location	SB02	SB02
Sample Name	SB02_1-3	SB02_12-14
Sample Date	12/22/2025	12/23/2025
Sample Depth	1-3	12-14
VOCs		
Acetone	<0.012 U	<0.0093 U
SVOCs		
4-Methylphenol (P-Cresol)	<0.071 U	<0.078 U
Acenaphthene	<0.035 U	<0.039 U
Anthracene	0.0554	<0.039 U
Benzo(a)anthracene	0.303	<0.039 U
Benzo(a)pyrene	0.344	<0.039 U
Benzo(b)fluoranthene	0.489	<0.039 U
Benzo(g,h,i)Perylene	0.301	<0.039 U
Benzo(k)fluoranthene	0.132	<0.039 U
Chrysene	0.309	<0.039 U
Dibenz(a,h)anthracene	0.0751	<0.039 U
Fluoranthene	0.562	<0.039 U
Fluorene	<0.035 U	<0.039 U
Indeno(1,2,3-cd)pyrene	0.239	<0.039 U
Phenanthrene	0.196	<0.039 U
Pyrene	0.517	<0.039 U
PCBs		
Total PCBs	**0.236**	NA
Metals		
Arsenic	6	NA
Barium	276	NA
Beryllium	**9.7**	NA
Cadmium	1.6	NA
Chromium, Hexavalent	<0.45 U	NA
Chromium, Total	**92**	NA
Chromium, Trivalent	**92**	NA
Copper	**1,100**	NA
Cyanide	0.34	NA
Lead	**1,050**	NA
Mercury	<0.029 U	NA
Nickel	**452**	NA
Silver	1.4	NA
Zinc	**3,250**	NA

Location	SB03	SB03	SB03
Sample Name	SB03_1-3	SB03_12-14	SB03_15-17
Sample Date	12/22/2025	12/23/2025	12/23/2025
Sample Depth	1-3	12-14	15-17
VOCs			
Acetone	0.0159	**0.0323**	<2 U
SVOCs			
4-Methylphenol (P-Cresol)	<0.073 U	<0.086 U	<0.53 U
Acenaphthene	0.473	1.01	**309**
Anthracene	1.52	0.114	**261**
Benzo(a)anthracene	**4.23**	0.118	**114**
Benzo(a)pyrene	**3.8**	0.131	**155**
Benzo(b)fluoranthene	**5.06**	0.104	**94.1**
Benzo(g,h,i)Perylene	**3.64**	0.117	**121**
Benzo(k)fluoranthene	**1.65**	0.0424 J	**14.1**
Chrysene	**4**	0.118	**89.6**
Dibenz(a,h)anthracene	**0.94**	<0.043 U	**8.17**
Fluoranthene	11.3	0.309	**420**
Fluorene	0.47	0.0924	**322**
Indeno(1,2,3-cd)pyrene	**2.62**	0.0613	**72.1**
Phenanthrene	**7.17**	0.19	**490**
Pyrene	8.98	0.487	**520**
PCBs			
Total PCBs	**0.341**	NA	NA
Metals			
Arsenic	<11 U	9.6	NA
Barium	**496**	55.7	NA
Beryllium	**17.6**	0.28	NA
Cadmium	<2.8 U	<0.43 U	NA
Chromium, Hexavalent	**211**	<0.51 U	NA
Chromium, Total	**173**	**7.8**	NA
Chromium, Trivalent	<40 U	7.8	NA
Copper	**3,630**	17	NA
Cyanide	**11.8**	NA	NA
Lead	**2,330**	**345**	NA
Mercury	0.11	**0.63**	NA
Nickel	**1,350**	10.9	NA
Silver	**8**	<0.43 U	NA
Zinc	**8,160**	60.4	NA

Location	SB07	SB07	SB07
Sample Name	SB07_2-4	DUP01_122225	SB07_12-14
Sample Date	12/22/2025	12/22/2025	12/23/2025
Sample Depth	2-4	2-4	12-14
VOCs			
Acetone	<0.013 U	**0.0495**	<0.022 U
SVOCs			
4-Methylphenol (P-Cresol)	<0.073 U	<0.073 U	<0.09 U
Acenaphthene	<0.037 U	<0.036 U	0.0239 J
Anthracene	0.0641	0.175	0.0409 J
Benzo(a)anthracene	0.225	0.252	0.218
Benzo(a)pyrene	0.255	0.27	0.184
Benzo(b)fluoranthene	0.339	0.35	0.237
Benzo(g,h,i)Perylene	0.223	0.224	0.115
Benzo(k)fluoranthene	0.108	0.126	0.0881
Chrysene	0.242	0.253	0.251
Dibenz(a,h)anthracene	<0.037 U	<0.036 U	0.0318 J
Fluoranthene	0.435	0.462	0.46
Fluorene	<0.037 U	<0.036 U	<0.045 U
Indeno(1,2,3-cd)pyrene	0.173	0.181	0.111
Phenanthrene	0.157	0.176	0.305
Pyrene	0.447	0.479	0.526
PCBs			
Total PCBs	**0.244**	**0.23**	NA
Metals			
Arsenic	11	8.1	NA
Barium	218	218	NA
Beryllium	0.69	0.79	NA
Cadmium	**6.6**	**6.9**	NA
Chromium, Hexavalent	<0.45 U	<0.44 U	NA
Chromium, Total	**25.4**	**26.3**	NA
Chromium, Trivalent	25.4	26.3	NA
Copper	**241**	**210**	NA
Cyanide	0.42	0.66	NA
Lead	**605**	**582**	NA
Mercury	0.16	0.18	NA
Nickel	**36.9**	**38.9**	NA
Silver	0.75	0.8	NA
Zinc	**567**	**564**	NA

Location	SB05
Sample Name	SB05_4-6
Sample Date	12/23/2025
Sample Depth	4-6
VOCs	
Acetone	<0.02 U
SVOCs	
4-Methylphenol (P-Cresol)	<0.074 U
Acenaphthene	0.0354 J
Anthracene	0.085
Benzo(a)anthracene	0.422
Benzo(a)pyrene	0.379
Benzo(b)fluoranthene	0.52
Benzo(g,h,i)Perylene	0.266
Benzo(k)fluoranthene	0.151
Chrysene	0.45
Dibenz(a,h)anthracene	0.0573
Fluoranthene	0.85
Fluorene	0.0289 J
Indeno(1,2,3-cd)pyrene	0.224
Phenanthrene	0.51
Pyrene	1.02
PCBs	
Total PCBs	<0.021 U
Metals	
Arsenic	6.6
Barium	160
Beryllium	0.4
Cadmium	<0.55 U
Chromium, Hexavalent	0.72
Chromium, Total	**13.6**
Chromium, Trivalent	12.9
Copper	**161**
Cyanide	<0.3 U
Lead	**297**
Mercury	**1**
Nickel	**31.3**
Silver	<0.55 U
Zinc	**272**

Location	SB04	SB04
Sample Name	SB04_2-4	SB04_16-18
Sample Date	12/22/2025	12/23/2025
Sample Depth	2-4	16-18
VOCs		
Acetone	0.0235	**0.0661**
SVOCs		
3 & 4 Methylphenol (m&p Cresol)	<0.07 U	**0.568**
Acenaphthene	<0.035 U	2.6
Anthracene	0.105	0.832
Benzo(a)anthracene	0.218	0.424
Benzo(a)pyrene	0.233	0.539
Benzo(b)fluoranthene	0.354	0.365
Benzo(g,h,i)Perylene	0.255	0.399
Benzo(k)fluoranthene	0.089	0.121
Chrysene	0.237	0.334
Dibenz(a,h)anthracene	<0.035 U	0.0387 J
Fluoranthene	0.47	1.53
Fluorene	<0.035 U	1.05
Indeno(1,2,3-cd)pyrene	0.197	0.232
Phenanthrene	0.29	**1.68**
Pyrene	0.401	2.13
PCBs		
Total PCBs	**0.174**	NA
Metals		
Arsenic	10.9	**19.3**
Barium	**800**	154
Beryllium	**26.4**	0.36
Cadmium	<2.6 U	0.97
Chromium, Hexavalent	<0.42 U	NA
Chromium, Trivalent	**273**	NA
Copper	**5,010**	**364**
Cyanide	1.5	NA
Lead	**2,900**	NA
Mercury	0.061	NA
Nickel	**2,380**	23.4
Silver	**9.4**	1.9
Zinc	**10,600**	**263**

LEGEND:

APPROXIMATE SITE BOUNDARY

SB01 — APPROXIMATE SOIL BORING LOCATION

SB02/MW02 — APPROXIMATE CO-LOCATED SOIL BORING AND MONITORING WELL LOCATION

Analyte	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs
VOCs			
Acetone	0.03	0.03	100
SVOCs			
4-Methylphenol (P-Cresol)	0.33	0.33	100
Acenaphthene	20	98	100
Anthracene	100	1000	100
Benzo(a)anthracene	1	1	1.4
Benzo(a)pyrene	1	22	1
Benzo(b)fluoranthene	1	2.1	1.4
Benzo(g,h,i)Perylene	0.64	1000	4.9
Benzo(k)fluoranthene	0.8	2	4.9
Chrysene	1	1	4.9
Dibenz(a,h)anthracene	0.33	1000	0.33
Fluoranthene	85	1000	100
Fluorene	30	386	100
Indeno(1,2,3-cd)pyrene	0.5	6.6	1.4
Phenanthrene	1.1	1000	4.9
Pyrene	64	1000	100
PCBs			
Total PCBs	0.1	3.2	1
Metals			
Arsenic	13	16	16
Barium	410	820	410
Beryllium	4.4	47	43
Cadmium	2.5	7.5	2.5
Chromium, Hexavalent	1	19	1
Chromium, Total	1	19	1
Chromium, Trivalent	30	NA	110
Copper	50	1720	280
Cyanide	2.3	40	13
Lead	63	450	400
Mercury	0.18	0.73	0.3
Nickel	30	130	320
Silver	2	8.3	110
Zinc	109	2480	6600

Exceedance Summary:

10 - Result exceeds Unrestricted Use SCOs

10 - Result exceeds Protection of Groundwater SCOs

10 - Result exceeds Restricted Use Restricted-Residential SCOs

NOTES:

1. BASE MAP FROM THE NEW YORK CITY DEPARTMENT OF FINANCE PROPERTY INFORMATION PORTAL ACCESSED ON 15 JANUARY 2026.
2. CONCENTRATIONS REPORTED IN MILLIGRAMS PER KILOGRAM (MG/KG)
3. SOIL SAMPLE ANALYTICAL RESULTS ARE COMPARED TO THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDEC) TITLE 6 OF THE OFFICAL NEW YORK CODES, RULES, AND REGULATIONS (6 NYCRR) PART 375 UNRESTRICTED USE, PROTECTION OF GROUNDWATER (PGW), AND RESTRICTED USE-RESTRICTED RESIDENTIAL SOIL CLEANUP OBJECTIVES (SCOS) (DECEMBER 31 ,2025).
4. VOC = VOLATILE ORGANIC COMPOUND
5. SVOC = SEMIVOLATILE ORGANIC COMPOUND
6. PCB = POLYCHLORINATED BIPHENYL
7. U = THE ANALYTE WAS ANALYZED FOR, BUT NOT DETECTED AT A LEVEL GREATER THAN OR EQUAL TO THE REPORTING LIMIT (RL); THE VALUE SHOWN IN THE TABLE IS THE RL.
8. J = THE ANALYTE WAS DETECTED ABOVE THE METHOD DETECTION LIMIT (MDL), BUT BELOW THE RL; THEREFORE, THE RESULT IS AN ESTIMATED CONCENTRATION.
9. SB04_16-18 WAS RUN FOR A PARTIAL LIST OF METALS DUE TO A LABORATORY LOGGING ERROR.
10. ONLY COMPOUNDS DETECTED ABOVE THE UU, PGW, AND/OR RURR SCOS IN AT LEAST ONE SAMPLE ARE SHOWN.

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60 0 20 40 60

SCALE: 1 INCH = 60 FEET

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Project: 252 THIRD STREET

BLOCK No. 980, LOT No. 19
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Figure Title: SOIL SAMPLE LOCATION AND ANALYTICAL RESULTS MAP

Project No. 170970401
Date 6/5/2026
Drawn By LC
Checked By ERA

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Sheet 3 of 5

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Filename: \\langan.com\data\NYC\data4\170970401\Project Data\CAD\01\2D-DesignFiles\Environmental\Phase II ESI\BCP Application - Figures F-1 through F-3.dwg Date: 6/5/2026 Time: 13:58 User: lcristiano Style Table: Langan.stb Layout: Figure F-1 - Soil Sample Location And Analytical Results Map



Location	MW03	MW03
Sample Name	MW03_123025	GWDUP01_123025
Sample Date	12/30/2025	12/30/2025
VOCs		
Benzene	**2.2**	**2**
Ethylbenzene	**5.3**	**5.4**
SVOCs		
Acenaphthene	**215**	**228**
Benzo(a)anthracene	**0.45 J**	**1.3**
Benzo(a)pyrene	<1 U	**1.3**
Benzo(b)fluoranthene	<1 U	**0.93 J**
Benzo(k)fluoranthene	<1 U	**0.33 J**
Chrysene	**0.29 J**	**1.9**
Fluorene	**64.3**	**76**
Indeno(1,2,3-cd)pyrene	<1 U	**0.53 J**
Naphthalene	**1,100**	**1,150**
Phenanthrene	48	**56.3**
Metals - Dissolved		
Beryllium	<1 U	<1 U
Iron	**1,770**	**4,070**
Lead	<15 U	**38.1**
Magnesium	**46,800**	**47,100**
Manganese	**2,070**	**2,230**
Sodium	**437,000**	**446,000**
Metals - Total		
Beryllium	<1 U	<1 U
Iron	**8,870**	**19,200**
Lead	**143**	**359**
Magnesium	**48,800**	**50,500**
Manganese	**2,300**	**2,360**
Sodium	**454,000**	**460,000**

Location	MW02
Sample Name	MW02_123025
Sample Date	12/30/2025
VOCs	
Benzene	<0.5 U
Ethylbenzene	<1 U
SVOCs	
Acenaphthene	0.24 J
Benzo(a)anthracene	<1 U
Benzo(a)pyrene	<1 U
Benzo(b)fluoranthene	<1 U
Benzo(k)fluoranthene	<1 U
Chrysene	<1 U
Fluorene	<1 U
Indeno(1,2,3-cd)pyrene	<1 U
Naphthalene	2.8
Phenanthrene	<1 U
Metals - Dissolved	
Beryllium	<1 U
Iron	<100 U
Lead	<3 U
Magnesium	**70,200**
Manganese	**9,610**
Sodium	**744,000**
Metals - Total	
Beryllium	<1 U
Iron	109
Lead	<3 U
Magnesium	**69,300**
Manganese	**9,750**
Sodium	**745,000**

Location	MW07
Sample Name	MW07_123025
Sample Date	12/30/2025
VOCs	
Benzene	<0.5 U
Ethylbenzene	<1 U
SVOCs	
Acenaphthene	**117**
Benzo(a)anthracene	**2.5**
Benzo(a)pyrene	**4.8**
Benzo(b)fluoranthene	**4.3**
Benzo(k)fluoranthene	**4.6**
Chrysene	**2.1**
Fluorene	0.7 J
Indeno(1,2,3-cd)pyrene	**2.1**
Naphthalene	3.1
Phenanthrene	1.1
Metals - Dissolved	
Beryllium	<1 U
Iron	155
Lead	<6 U
Magnesium	21,500
Manganese	**819**
Sodium	**127,000**
Metals - Total	
Beryllium	**4.1**
Iron	**20,700**
Lead	**131**
Magnesium	22,500
Manganese	**943**
Sodium	**116,000**

LEGEND:

APPROXIMATE SITE BOUNDARY

MW02 APPROXIMATE MONITORING WELL LOCATION

Analyte	NYSDEC SGVs
VOCs	
Benzene	1
Ethylbenzene	5
SVOCs	
Acenaphthene	20
Benzo(a)anthracene	0.002
Benzo(a)pyrene	0
Benzo(b)fluoranthene	0.002
Benzo(k)fluoranthene	0.002
Chrysene	0.002
Fluorene	50
Indeno(1,2,3-cd)pyrene	0.002
Naphthalene	10
Phenanthrene	50
Metals - Dissolved	
Beryllium	3
Iron	300
Lead	25
Magnesium	35000
Manganese	300
Sodium	20000
Metals - Total	
Beryllium	3
Iron	300
Lead	25
Magnesium	35000
Manganese	300
Sodium	20000

NOTES:

1. BASE MAP FROM THE NEW YORK CITY DEPARTMENT OF FINANCE PROPERTY INFORMATION PORTAL ACCESSED ON 15 JANUARY 2026.
2. CONCENTRATIONS REPORTED IN MICROGRAMS PER LITER (µg/L)
3. GROUNDWATER SAMPLE 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 (6 NYCRR) PART 703.5 AND THE NYSDEC TECHNICAL AND OPERATIONAL GUIDANCE SERIES (TOGS) 1.1.1 AMBIENT WATER QUALITY STANDARDS AND GUIDANCE VALUES FOR CLASS GA WATER (HEREIN COLLECTIVELY REFERENCED AS NYSDEC SGVS.
4. VOC = VOLATILE ORGANIC COMPOUND
5. SVOC = SEMIVOLATILE ORGANIC COMPOUND
6. U = THE ANALYTE WAS ANALYZED FOR, BUT NOT DETECTED AT A LEVEL GREATER THAN OR EQUAL TO THE REPORTING LIMIT (RL); THE VALUE SHOWN IN THE TABLE IS THE RL.
7. J = THE ANALYTE WAS DETECTED ABOVE THE METHOD DETECTION LIMIT (MDL), BUT BELOW THE RL; THEREFORE, THE RESULT IS AN ESTIMATED CONCENTRATION.
8. ONLY COMPOUNDS DETECTED ABOVE THE SGVS IN AT LEAST ONE SAMPLE ARE SHOWN.

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Figure Title
GROUNDWATER SAMPLE LOCATION AND ANALYTICAL RESULTS MAP

Project No. 170970401
Date 6/5/2026
Drawn By LC
Checked By ERA

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Sheet 4 of 5

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Location	SV03
Sample Name	SV03_122325
Sample Date	12/23/2025
Sample Type	SV
VOCs	
1,2,4-Trimethylbenzene	<3.9 U
1,3,5-Trimethylbenzene (Mesitylene)	<3.9 U
1,3-Butadiene	1.8
Acetone	57
Benzene	47
Carbon Disulfide	8.7
Carbon Tetrachloride	15
Chloroform	5.4
Cyclohexane	31
Dichlorodifluoromethane	2.3 J
Ethanol	93.8
Ethylbenzene	3.5
Isopropanol	38.1
M,P-Xylene	12
Methyl Ethyl Ketone (2-Butanone)	6.5
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	<3.3 U
Methylene Chloride	3.8
n-Heptane	8.6
n-Hexane	7.8
o-Xylene (1,2-Dimethylbenzene)	2.9 J
Tert-Butyl Alcohol	2.5
Tetrachloroethene (PCE)	8.8
Toluene	6.4
Total Xylenes	15
Trichloroethene (TCE)	<0.86 U

Location	SV02
Sample Name	SV02_122325
Sample Date	12/23/2025
Sample Type	SV
VOCs	
1,2,4-Trimethylbenzene	10
1,3,5-Trimethylbenzene (Mesitylene)	9.3 J
1,3-Butadiene	3.3 J
Acetone	309
Benzene	17
Carbon Disulfide	23
Carbon Tetrachloride	<2.5 U
Chloroform	<9.8 U
Cyclohexane	12
Dichlorodifluoromethane	<9.9 U
Ethanol	157
Ethylbenzene	25
Isopropanol	61.7
M,P-Xylene	89
Methyl Ethyl Ketone (2-Butanone)	12
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	9
Methylene Chloride	7.3
n-Heptane	94.3
n-Hexane	41.6
o-Xylene (1,2-Dimethylbenzene)	41
Tert-Butyl Alcohol	<6.1 U
Tetrachloroethene (PCE)	3.1
Toluene	1370
Total Xylenes	130
Trichloroethene (TCE)	3.6

Location	SV07
Sample Name	SV07_122325
Sample Date	12/23/2025
Sample Type	SV
VOCs	
1,2,4-Trimethylbenzene	<3.9 U
1,3,5-Trimethylbenzene (Mesitylene)	<3.9 U
1,3-Butadiene	1.9
Acetone	64.6
Benzene	<2.6 U
Carbon Disulfide	3.4
Carbon Tetrachloride	<1 U
Chloroform	2.3 J
Cyclohexane	<2.8 U
Dichlorodifluoromethane	2.6 J
Ethanol	128
Ethylbenzene	2.6 J
Isopropanol	50.1
M,P-Xylene	8.7
Methyl Ethyl Ketone (2-Butanone)	10
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	<3.3 U
Methylene Chloride	<2.8 U
n-Heptane	1.8 J
n-Hexane	6.7
o-Xylene (1,2-Dimethylbenzene)	2.2 J
Tert-Butyl Alcohol	2.2 J
Tetrachloroethene (PCE)	<1.1 U
Toluene	3.7
Total Xylenes	11
Trichloroethene (TCE)	<0.86 U

LEGEND:

APPROXIMATE SITE BOUNDARY

SV03 APPROXIMATE SOIL VAPOR POINT LOCATION

NOTES:

1. BASE MAP FROM THE NEW YORK CITY DEPARTMENT OF FINANCE PROPERTY INFORMATION PORTAL ACCESSED ON 15 JANUARY 2026.
2. CONCENTRATIONS REPORTED IN MICROGRAMS PER CUBIC METER ($\mu g/m^3$)
3. VOC = VOLATILE ORGANIC COMPOUND
4. U = THE ANALYTE WAS ANALYZED FOR, BUT NOT DETECTED AT A LEVEL GREATER THAN OR EQUAL TO THE REPORTING LIMIT (RL); THE VALUE SHOWN IN THE TABLE IS THE RL.
5. J = THE ANALYTE WAS DETECTED ABOVE THE METHOD DETECTION LIMIT (MDL), BUT BELOW THE RL; THEREFORE, THE RESULT IS AN ESTIMATED CONCENTRATION.
6. ONLY COMPOUNDS DETECTED IN AT LEAST ONE SAMPLE ARE SHOWN.

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Project

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Figure Title

SOIL VAPOR SAMPLE LOCATION AND ANALYTICAL RESULTS MAP

Project No.	170970401
Date	6/5/2026
Drawn By	LC
Checked By	ERA

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TABLES

Table 1
Phase II Environmental Site Investigation Report
Sample Collection Summary

252 3rd Street
Brooklyn, New York
Langan Project No.: 170970401

Location	Sample Name	Sample Interval (feet bgs)	Sample Date	Analysis
SOIL				
SB01	SB01_2-4	2-4	12/22/2025	Part 375/TCL VOCs and SVOCs, Part 375/TAL metals (including hexavalent and trivalent chromium), PCBs, and cyanide
SB02	SB02_1-3	1-3	12/22/2025	Part 375/TCL VOCs and SVOCs, Part 375/TAL metals (including hexavalent and trivalent chromium), PCBs, and cyanide
	SB02_12-14	12-14	12/23/2025	Part 375/TCL VOCs and SVOCs
SB03	SB03_1-3	1-3	12/22/2025	Part 375/TCL VOCs and SVOCs, Part 375/TAL metals (including hexavalent and trivalent chromium), PCBs, and cyanide
	SB03_12-14	12-14	12/23/2025	Part 375/TCL VOCs and SVOCs, metals (including hexavalent and trivalent chromium)
	SB03_15-17	15-17	12/23/2025	Part 375/TCL VOCs and SVOCs
SB04	SB04_2-4	2-4	12/22/2025	Part 375/TCL VOCs and SVOCs, Part 375/TAL metals (including hexavalent and trivalent chromium), PCBs, and cyanide
	SB04_16-18	16-18	12/23/2025	Part 375/TCL VOCs and SVOCs, Part 375/TAL metals
SB05	SB05_4-6	4-6	12/23/2025	Part 375/TCL VOCs and SVOCs, Part 375/TAL metals (including hexavalent and trivalent chromium), PCBs, and cyanide
SB06	SB06_10-12	10-12	12/23/2025	Part 375/TCL VOCs and SVOCs, Part 375/TAL metals (including hexavalent and trivalent chromium), PCBs, and cyanide
SB07	SB07_2-4	2-4	12/22/2025	Part 375/TCL VOCs and SVOCs, Part 375/TAL metals (including hexavalent and trivalent chromium), PCBs, and cyanide
	SB07_12-14	12-14	12/23/2025	Part 375/TCL VOCs and SVOCs
SOIL QA/QC				
FD	DUP01_122225	SB07_2-4	12/22/2025	Part 375/TCL VOCs and SVOCs, Part 375/TAL metals (including hexavalent and trivalent chromium), PCBs, and cyanide
FB	FB01_122325	-	12/23/2025	Part 375/TCL VOCs and SVOCs, Part 375/TAL metals (including hexavalent and trivalent chromium), PCBs, and cyanide
GROUNDWATER				
MW02	MW02_123025	-	12/30/2025	TCL VOCs and SVOCs, TAL metals (total and dissolved, including hexavalent and trivalent chromium), and cyanide
MW03	MW03_123025	-	12/30/2025	TCL VOCs and SVOCs, TAL metals (total and dissolved, including hexavalent and trivalent chromium), and cyanide
MW07	MW07_123025	-	12/20/2025	TCL VOCs and SVOCs, TAL metals (total and dissolved, including hexavalent and trivalent chromium), and cyanide
GROUNDWATER QA/QC				
Duplicate	GWDUP01_123025	MW03_123025	12/30/2025	TCL VOCs and SVOCs, TAL metals (total and dissolved, including hexavalent and trivalent chromium), and cyanide
Field Blank	GWFB01_123025	-	12/30/2025	TCL VOCs and SVOCs, TAL metals (total and dissolved, including hexavalent and trivalent chromium), and cyanide
Trip Blank	GWTB01_123025	-	12/20/2025	Part 375/TCL VOCs
SOIL VAPOR				
SV02	SV02_122325	5	12/23/2025	VOCs via Method TO-15 and Naphthalene
SV03	SV03_122325	5	12/23/2025	
SV07	SV07_122325	5	12/23/2025	

1. Part 375 list taken from Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (6 NYCRR) New York State Department of Environmental Conservation (NYSDEC) Part 375 (31 December 2025)
2. bgs - below grade surface
3. TCL - Target Compound List
4. VOC - Volatile organic compound
5. SVOC - Semivolatile organic compound
6. PCB - Polychlorinated biphenyl
7. TAL - Target Analyte List
8. QA/QC - Quality assurance/quality control
9. FD - Field Duplicate
10. FB - Field Blank
11. TB - Trip Blank

Table 2
Phase II Environmental Site Investigation Report
Soil Sample Analytical Results

252 3rd Street
Brooklyn, New York
Langan Project No.: 170970401

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	SB01	SB02	SB02	SB03	SB03	SB03	SB04	SB04	SB05	SB06	SB07	SB07	SB07
					Sample Name	SB01_2-4	SB02_1-3	SB02_12-14	SB03_1-3	SB03_12-14	SB03_15-17	SB04_2-4	SB04_16-18	SB05_4-6	SB06_10-12	SB07_2-4	DUP01_122225	SB07_12-14
					Sample Date	12/22/2025	12/22/2025	12/23/2025	12/22/2025	12/23/2025	12/23/2025	12/22/2025	12/23/2025	12/23/2025	12/23/2025	12/22/2025	12/22/2025	12/23/2025
					Sample Depth	2-4	1-3	12-14	1-3	12-14	15-17	2-4	16-18	4-6	10-12	2-4	2-4	12-14
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds																		
1,1,1-Trichloroethane	71-55-6	0.68	0.68	100	mg/kg	<0.0027 U	<0.0023 U	<0.0019 U	<0.0021 U	<0.0028 U	<0.39 U	<0.0019 U	<0.003 U	<0.004 U	<0.0058 U	<0.0025 U	<0.0031 U	<0.0044 U
1,1,2,2-Tetrachloroethane	79-34-5	NS	NS	NS	mg/kg	<0.0027 U	<0.0023 U	<0.0019 U	<0.0021 U	<0.0028 U	<0.39 U	<0.0019 U	<0.003 U	<0.004 U	<0.0058 U	<0.0025 U	<0.0031 U	<0.0044 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NS	NS	NS	mg/kg	<0.0067 U	<0.0058 U	<0.0047 U	<0.0053 U	<0.007 U	<0.98 U	<0.0048 U	<0.0075 U	<0.01 U	<0.014 U	<0.0063 U	<0.0078 U	<0.011 U
1,1,2-Trichloroethane	79-00-5	NS	NS	NS	mg/kg	<0.0027 U	<0.0023 U	<0.0019 U	<0.0021 U	<0.0028 U	<0.39 U	<0.0019 U	<0.003 U	<0.004 U	<0.0058 U	<0.0025 U	<0.0031 U	<0.0044 U
1,1-Dichloroethane	75-34-3	0.27	0.27	47	mg/kg	<0.0013 U	<0.0012 U	<0.00093 U	<0.0011 U	<0.0014 U	<0.2 U	<0.00096 U	<0.0015 U	<0.002 U	<0.0029 U	<0.0013 U	<0.0016 U	<0.0022 U
1,1-Dichloroethene	75-35-4	0.24	0.33	0.98	mg/kg	<0.0013 U	<0.0012 U	<0.00093 U	<0.0011 U	<0.0014 U	<0.2 U	<0.00096 U	<0.0015 U	<0.002 U	<0.0029 U	<0.0013 U	<0.0016 U	<0.0022 U
1,2,3-Trichlorobenzene	87-61-6	NS	NS	NS	mg/kg	<0.0067 U	<0.0058 U	<0.0047 U	<0.0053 U	<0.007 U	<0.98 U	<0.0048 U	<0.0075 U	<0.01 U	<0.014 U	<0.0063 U	<0.0078 U	<0.011 U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	<0.0067 U	<0.0058 U	<0.0047 U	<0.0053 U	<0.007 U	<0.98 U	<0.0048 U	<0.0075 U	<0.01 U	<0.014 U	<0.0063 U	<0.0078 U	<0.011 U
1,2-Dibromo-3-Chloropropane	96-12-8	NS	NS	NS	mg/kg	<0.0027 U	<0.0023 U	<0.0019 U	<0.0021 U	<0.0028 U	<0.39 U	<0.0019 U	<0.003 U	<0.004 U	<0.0058 U	<0.0025 U	<0.0031 U	<0.0044 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NS	NS	NS	mg/kg	<0.0013 U	<0.0012 U	<0.00093 U	<0.0011 U	<0.0014 U	<0.2 U	<0.00096 U	<0.0015 U	<0.002 U	<0.0029 U	<0.0013 U	<0.0016 U	<0.0022 U
1,2-Dichlorobenzene	95-50-1	1.1	1.1	100	mg/kg	<0.0013 U	<0.0012 U	<0.00093 U	<0.0011 U	<0.0014 U	<0.2 U	<0.00096 U	<0.0015 U	<0.002 U	<0.0029 U	<0.0013 U	<0.0016 U	<0.0022 U
1,2-Dichloroethane	107-06-2	0.02	0.02	5.8	mg/kg	<0.0013 U	<0.0012 U	<0.00093 U	<0.0011 U	<0.0014 U	<0.2 U	<0.00096 U	<0.0015 U	<0.002 U	<0.0029 U	<0.0013 U	<0.0016 U	<0.0022 U
1,2-Dichloropropane	78-87-5	NS	NS	NS	mg/kg	<0.0027 U	<0.0023 U	<0.0019 U	<0.0021 U	<0.0028 U	<0.39 U	<0.0019 U	<0.003 U	<0.004 U	<0.0058 U	<0.0025 U	<0.0031 U	<0.0044 U
1,3-Dichlorobenzene	541-73-1	2.6	2.6	38	mg/kg	<0.0013 U	<0.0012 U	<0.00093 U	<0.0011 U	<0.0014 U	<0.2 U	<0.00096 U	<0.0015 U	<0.002 U	<0.0029 U	<0.0013 U	<0.0016 U	<0.0022 U
1,4-Dichlorobenzene	106-46-7	1.8	1.8	24	mg/kg	<0.0013 U	<0.0012 U	<0.00093 U	<0.0011 U	<0.0014 U	<0.2 U	<0.00096 U	<0.0015 U	<0.002 U	<0.0029 U	<0.0013 U	<0.0016 U	<0.0022 U
2-Hexanone (MBK)	591-78-6	NS	NS	NS	mg/kg	<0.0067 U	<0.0058 U	<0.0047 U	<0.0053 U	<0.007 U	<0.98 U	<0.0048 U	<0.0075 U	<0.01 U	<0.014 U	<0.0063 U	<0.0078 U	<0.011 U
Acetone	67-64-1	**0.03**	0.03	100	mg/kg	<0.013 U	<0.012 U	<0.0093 U	0.0159	**0.0323**	<2 U	0.0235	**0.0661**	<0.02 U	<0.029 U	<0.013 U	**0.0495**	<0.022 U
Benzene	71-43-2	0.06	0.06	3.7	mg/kg	<0.00067 U	<0.00058 U	<0.00047 U	<0.00053 U	0.00068 J	<0.098 U	<0.00048 U	<0.00075 U	<0.001 U	0.0023	<0.00063 U	<0.00078 U	<0.0011 U
Bromochloromethane	74-97-5	NS	NS	NS	mg/kg	<0.0067 U	<0.0058 U	<0.0047 U	<0.0053 U	<0.007 U	<0.98 U	<0.0048 U	<0.0075 U	<0.01 U	<0.014 U	<0.0063 U	<0.0078 U	<0.011 U
Bromodichloromethane	75-27-4	NS	NS	NS	mg/kg	<0.0027 U	<0.0023 U	<0.0019 U	<0.0021 U	<0.0028 U	<0.39 U	<0.0019 U	<0.003 U	<0.004 U	<0.0058 U	<0.0025 U	<0.0031 U	<0.0044 U
Bromoform	75-25-2	NS	NS	NS	mg/kg	<0.0067 U	<0.0058 U	<0.0047 U	<0.0053 U	<0.007 U	<0.98 U	<0.0048 U	<0.0075 U	<0.01 U	<0.014 U	<0.0063 U	<0.0078 U	<0.011 U
Bromomethane	74-83-9	NS	NS	NS	mg/kg	<0.0067 U	<0.0058 U	<0.0047 U	<0.0053 U	<0.007 U	<0.98 U	<0.0048 U	<0.0075 U	<0.01 U	<0.014 U	<0.0063 U	<0.0078 U	<0.011 U
Carbon Disulfide	75-15-0	NS	NS	NS	mg/kg	0.00075 J	<0.0023 U	<0.0019 U	<0.0021 U	0.001 J	<0.39 U	<0.0019 U	0.00098 J	<0.004 U	0.0171	<0.0025 U	<0.0031 U	<0.0044 U
Carbon Tetrachloride	56-23-5	0.76	0.76	7.1	mg/kg	<0.0027 U	<0.0023 U	<0.0019 U	<0.0021 U	<0.0028 U	<0.39 U	<0.0019 U	<0.003 U	<0.004 U	<0.0058 U	<0.0025 U	<0.0031 U	<0.0044 U
Chlorobenzene	108-90-7	4.5	4.5	100	mg/kg	<0.0027 U	<0.0023 U	<0.0019 U	<0.0021 U	<0.0028 U	<0.39 U	<0.0019 U	<0.003 U	<0.004 U	<0.0058 U	<0.0025 U	<0.0031 U	<0.0044 U
Chloroethane	75-00-3	NS	NS	NS	mg/kg	<0.0067 U	<0.0058 U	<0.0047 U	<0.0053 U	<0.007 U	<0.98 U	<0.0048 U	<0.0075 U	<0.01 U	<0.014 U	<0.0063 U	<0.0078 U	<0.011 U
Chloroform	67-66-3	0.37	0.37	24	mg/kg	<0.0027 U	<0.0023 U	<0.0019 U	<0.0021 U	<0.0028 U	<0.39 U	<0.0019 U	<0.003 U	<0.004 U	<0.0058 U	<0.0025 U	<0.0031 U	<0.0044 U
Chloromethane	74-87-3	NS	NS	NS	mg/kg	<0.0067 U	<0.0058 U	<0.0047 U	<0.0053 U	<0.007 U	<0.98 U	<0.0048 U	<0.0075 U	<0.01 U	<0.014 U	<0.0063 U	<0.0078 U	<0.011 U
Cis-1,2-Dichloroethene	156-59-2	0.19	0.19	41	mg/kg	<0.0013 U	<0.0012 U	<0.00093 U	<0.0011 U	<0.0014 U	<0.2 U	<0.00096 U	<0.0015 U	<0.002 U	<0.0029 U	<0.0013 U	<0.0016 U	<0.0022 U
Cis-1,3-Dichloropropene	10061-01-5	NS	NS	NS	mg/kg	<0.0027 U	<0.0023 U	<0.0019 U	<0.0021 U	<0.0028 U	<0.39 U	<0.0019 U	<0.003 U	<0.004 U	<0.0058 U	<0.0025 U	<0.0031 U	<0.0044 U
Cyclohexane	110-82-7	NS	NS	NS	mg/kg	<0.0027 U	<0.0023 U	<0.0019 U	<0.0021 U	<0.0028 U	<0.39 U	<0.0019 U	<0.003 U	<0.004 U	<0.0058 U	<0.0025 U	<0.0031 U	<0.0044 U
Dibromochloromethane	124-48-1	NS	NS	NS	mg/kg	<0.0027 U	<0.0023 U	<0.0019 U	<0.0021 U	<0.0028 U	<0.39 U	<0.0019 U	<0.003 U	<0.004 U	<0.0058 U	<0.0025 U	<0.0031 U	<0.0044 U
Dichlorodifluoromethane	75-71-8	NS	NS	NS	mg/kg	<0.0067 U	<0.0058 U	<0.0047 U	<0.0053 U	<0.007 U	<0.98 U	<0.0048 U	<0.0075 U	<0.01 U	<0.014 U	<0.0063 U	<0.0078 U	<0.011 U
Ethylbenzene	100-41-4	1	1	76	mg/kg	<0.0013 U	<0.0012 U	<0.00093 U	<0.0011 U	<0.0014 U	0.105 J	<0.00096 U	<0.0015 U	<0.002 U	<0.0029 U	<0.0013 U	<0.0016 U	<0.0022 U
Isopropylbenzene (Cumene)	98-82-8	NS	NS	NS	mg/kg	<0.0027 U	<0.0023 U	<0.0019 U	<0.0021 U	<0.0028 U	<0.39 U	<0.0019 U	<0.003 U	<0.004 U	<0.0058 U	<0.0025 U	<0.0031 U	<0.0044 U
M,P-Xylene	179601-23-1	NS	NS	NS	mg/kg	<0.0013 U	<0.0012 U	<0.00093 U	<0.0011 U	<0.0014 U	<0.2 U	<0.00096 U	<0.0015 U	<0.002 U	<0.0029 U	<0.0013 U	<0.0016 U	<0.0022 U
Methyl Acetate	79-20-9	NS	NS	NS	mg/kg	<0.0067 U	<0.0058 U	<0.0047 U	<0.0053 U	<0.007 U	<0.98 U	<0.0048 U	<0.0075 U	<0.01 U	<0.014 U	<0.0063 U	<0.0078 U	<0.011 U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	0.1	0.1	100	mg/kg	<0.013 U	<0.012 U	<0.0093 U	<0.011 U	<0.014 U	<2 U	<0.0096 U	<0.015 U	<0.02 U	<0.029 U	<0.013 U	<0.016 U	<0.022 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	NS	NS	mg/kg	<0.0067 U	<0.0058 U	<0.0047 U	<0.0053 U	<0.007 U	<0.98 U	<0.0048 U	<0.0075 U	<0.01 U	<0.014 U	<0.0063 U	<0.0078 U	<0.011 U
Methylcyclohexane	108-87-2	NS	NS	NS	mg/kg	<0.0027 U	<0.0023 U	<0.0019 U	<0.0021 U	<0.0028 U	<0.39 U	<0.0019 U	<0.003 U	<0.004 U	<0.0058 U	<0.0025 U	<0.0031 U	<0.0044 U
Methylene Chloride	75-09-2	0.05	0.05	81	mg/kg	<0.0067 U	<0.0058 U	<0.0047 U	<0.0053 U	<0.007 U	<0.98 U	<0.0048 U	<0.0075 U	<0.01 U	<0.014 U	<0.0063 U	0.0057 J	<0.011 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	NS	NS	mg/kg	<0.0013 U	<0.0012 U	<0.00093 U	<0.0011 U	<0.0014 U	<0.2 U	<0.00096 U	<0.0015 U	<0.002 U	<0.0029 U	<0.0013 U	<0.0016 U	<0.0022 U
Styrene	100-42-5	NS	NS	NS	mg/kg	<0.0027 U	<0.0023 U	<0.0019 U	<0.0021 U	<0.0028 U	<0.39 U	<0.0019 U	<0.003 U	<0.004 U	<0.0058 U	<0.0025 U	<0.0031 U	<0.0044 U
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	0.1	0.1	100	mg/kg	<0.0013 U	<0.0012 U	<0.00093 U	<0.0011 U	<0.0014 U	<0.2 U	<0.00096 U	<0.0015 U	<0.002 U	<0.0029 U	<0.0013 U	<0.0016 U	<0.0022 U
Tetrachloroethene (PCE)	127-18-4	1.3	1.3	18	mg/kg	<0.0027 U	<0.0023 U	<0.0019 U	<0.0021 U	<0.0028 U	<0.39 U	<0.0019 U	<0.003 U	<0.004 U	<0.0058 U	<0.0025 U	<0.0031 U	<0.0044 U
Toluene	108-88-3	0.7	0.7	100	mg/kg	<0.0013 U	<0.0012 U	<0.00093 U	<0.0011 U	0.0011 J	<0.2 U	<0.00096 U	<0.0015 U	<0.002 U	<0.0029 U	<0.0013 U	<0.0016 U	<0.0022 U
Total Xylenes	1330-20-7	0.26	1.2	100	mg/kg	<0.0013 U	<0.0012 U	<0.00093 U	<0.0011 U	<0.0014 U	0.127 J	<0.00096 U	<0.0015 U	<0.002 U	<0.0029 U	<0.0013 U	<0.0016 U	<0.0022 U
Trans-1,2-Dichloroethene	156-60-5	0.19	0.19	100	mg/kg	<0.0013 U	<0.0012 U	<0.00093 U	<0.0011 U	<0.0014 U	<0.2 U	<0.00096 U	<0.0015 U	<0.002 U	<0.0029 U	<0.0013 U	<0.0016 U	<0.0022 U
Trans-1,3-Dichloropropene	10061-02-6	NS	NS	NS	mg/kg	<0.0027 U	<0.0023 U	<0.0019 U	<0.0021 U	<0.0028 U	<0.39 U	<0.0019 U	<0.003 U	<0.004 U	<0.0058 U	<0.0025 U	<0.0031 U	<0.0044 U
Trichloroethene (TCE)	79-01-6	0.47	0.47	6.4	mg/kg	<0.0013 U	<0.0012 U	<0.00093 U	<0.0011 U	<0.0014 U	<0.2 U	<0.00096 U	<0.0015 U	<0.002 U	<0.0029 U	<0.0013 U	<0.0016 U	<0.0022 U
Trichlorofluoromethane	75-69-4	NS	NS	NS	mg/kg	<0.0067 U	<0.0058 U	<0.0047 U	<0.0053 U	<0.007 U	<0.98 U	<0.0048 U	<0.0075 U	<0.01 U	<0.014 U	<0.0063 U	<0.0078 U	<0.011 U
Vinyl Chloride	75-01-4	0.03	0.03	0.48	mg/kg	<0.0027 U	<0.0023 U	<0.0019 U	<0.0021 U	<0.0028 U	<0.39 U	<0.0019 U	<0.003 U	<0.004 U	<0.0058 U	<0.0025 U	<0.0031 U	<0.0044 U
Total VOCs	TOTALVOCS	NS	NS	NS	mg/kg	0.00075	ND	ND	0.0159	0.03508	0.232	0.0235	0.06708	ND	0.0194	ND	0.0552	ND

Table 2
Phase II Environmental Site Investigation Report
Soil Sample Analytical Results

252 3rd Street
Brooklyn, New York
Langan Project No.: 170970401

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	SB01	SB02	SB02	SB03	SB03	SB03	SB04	SB04	SB05	SB06	SB07	SB07	SB07
					Sample Name	SB01_2-4	SB02_1-3	SB02_12-14	SB03_1-3	SB03_12-14	SB03_15-17	SB04_2-4	SB04_16-18	SB05_4-6	SB06_10-12	SB07_2-4	DUP01_122225	SB07_12-14
					Sample Date	12/22/2025	12/22/2025	12/23/2025	12/22/2025	12/23/2025	12/23/2025	12/22/2025	12/23/2025	12/23/2025	12/23/2025	12/22/2025	12/22/2025	12/23/2025
					Sample Depth	2-4	1-3	12-14	1-3	12-14	15-17	2-4	16-18	4-6	10-12	2-4	2-4	12-14
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds																		
1,2,4,5-Tetrachlorobenzene	95-94-3	NS	NS	NS	mg/kg	<0.2 U	<0.18 U	<0.2 U	<0.18 U	<0.21 U	<1.3 U	<0.18 U	<0.28 U	<0.18 U	<0.22 U	<0.18 U	<0.18 U	<0.22 U
1,4-Dioxane (P-Dioxane)	123-91-1	0.1	0.1	5.7	mg/kg	<0.039 U	<0.035 U	<0.039 U	<0.037 U	<0.043 U	<0.27 U	<0.035 U	<0.057 U	<0.037 U	<0.044 U	<0.037 U	<0.036 U	<0.045 U
2,3,4,6-Tetrachlorophenol	58-90-2	NS	NS	NS	mg/kg	<0.2 U	<0.18 U	<0.2 U	<0.18 U	<0.21 U	<1.3 U	<0.18 U	<0.28 U	<0.18 U	<0.22 U	<0.18 U	<0.18 U	<0.22 U
2,4,5-Trichlorophenol	95-95-4	NS	NS	NS	mg/kg	<0.2 U	<0.18 U	<0.2 U	<0.18 U	<0.21 U	<1.3 U	<0.18 U	<0.28 U	<0.18 U	<0.22 U	<0.18 U	<0.18 U	<0.22 U
2,4,6-Trichlorophenol	88-06-2	NS	NS	NS	mg/kg	<0.2 U	<0.18 U	<0.2 U	<0.18 U	<0.21 U	<1.3 U	<0.18 U	<0.28 U	<0.18 U	<0.22 U	<0.18 U	<0.18 U	<0.22 U
2,4-Dichlorophenol	120-83-2	NS	NS	NS	mg/kg	<0.2 U	<0.18 U	<0.2 U	<0.18 U	<0.21 U	<1.3 U	<0.18 U	<0.28 U	<0.18 U	<0.22 U	<0.18 U	<0.18 U	<0.22 U
2,4-Dimethylphenol	105-67-9	NS	NS	NS	mg/kg	<0.2 U	<0.18 U	<0.2 U	<0.18 U	<0.21 U	<1.3 U	<0.18 U	<0.28 U	<0.18 U	<0.22 U	<0.18 U	<0.18 U	<0.22 U
2,4-Dinitrophenol	51-28-5	NS	NS	NS	mg/kg	<0.2 U	<0.18 U	<0.2 U	<0.18 U	<0.21 U	<1.3 U	<0.18 U	<0.28 U	<0.18 U	<0.22 U	<0.18 U	<0.18 U	<0.22 U
2,4-Dinitrotoluene	121-14-2	NS	NS	NS	mg/kg	<0.039 U	<0.035 U	<0.039 U	<0.037 U	<0.043 U	<0.27 U	<0.035 U	<0.057 U	<0.037 U	<0.044 U	<0.037 U	<0.036 U	<0.045 U
2,6-Dinitrotoluene	606-20-2	NS	NS	NS	mg/kg	<0.039 U	<0.035 U	<0.039 U	<0.037 U	<0.043 U	<0.27 U	<0.035 U	<0.057 U	<0.037 U	<0.044 U	<0.037 U	<0.036 U	<0.045 U
2-Chloronaphthalene	91-58-7	NS	NS	NS	mg/kg	<0.079 U	<0.071 U	<0.078 U	<0.073 U	<0.086 U	<0.53 U	<0.07 U	<0.11 U	<0.074 U	<0.089 U	<0.073 U	<0.073 U	<0.09 U
2-Chlorophenol	95-57-8	NS	NS	NS	mg/kg	<0.079 U	<0.071 U	<0.078 U	<0.073 U	<0.086 U	<0.53 U	<0.07 U	<0.11 U	<0.074 U	<0.089 U	<0.073 U	<0.073 U	<0.09 U
2-Methylnaphthalene	91-57-6	NS	NS	NS	mg/kg	0.241	<0.035 U	<0.039 U	0.151	0.876	<0.27 U	<0.035 U	0.0666	0.0959	<0.044 U	<0.037 U	<0.036 U	0.0453
2-Methylphenol (o-Cresol)	95-48-7	0.33	0.33	100	mg/kg	<0.079 U	<0.071 U	<0.078 U	<0.073 U	<0.086 U	<0.53 U	<0.07 U	<0.11 U	<0.074 U	<0.089 U	<0.073 U	<0.073 U	<0.09 U
2-Nitroaniline	88-74-4	NS	NS	NS	mg/kg	<0.2 U	<0.18 U	<0.2 U	<0.18 U	<0.21 U	<1.3 U	<0.18 U	<0.28 U	<0.18 U	<0.22 U	<0.18 U	<0.18 U	<0.22 U
2-Nitrophenol	88-75-5	NS	NS	NS	mg/kg	<0.2 U	<0.18 U	<0.2 U	<0.18 U	<0.21 U	<1.3 U	<0.18 U	<0.28 U	<0.18 U	<0.22 U	<0.18 U	<0.18 U	<0.22 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	**0.33**	0.33	100	mg/kg	<0.079 U	<0.071 U	<0.078 U	<0.073 U	<0.086 U	<0.53 U	<0.07 U	**0.568**	<0.074 U	<0.089 U	<0.073 U	<0.073 U	<0.09 U
3,3'-Dichlorobenzidine	91-94-1	NS	NS	NS	mg/kg	<0.079 U	<0.071 U	<0.078 U	<0.073 U	<0.086 U	<0.53 U	<0.07 U	<0.11 U	<0.074 U	<0.089 U	<0.073 U	<0.073 U	<0.09 U
3-Nitroaniline	99-09-2	NS	NS	NS	mg/kg	<0.2 U	<0.18 U	<0.2 U	<0.18 U	<0.21 U	<1.3 U	<0.18 U	<0.28 U	<0.18 U	<0.22 U	<0.18 U	<0.18 U	<0.22 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	NS	NS	mg/kg	<0.2 U	<0.18 U	<0.2 U	<0.18 U	<0.21 U	<1.3 U	<0.18 U	<0.28 U	<0.18 U	<0.22 U	<0.18 U	<0.18 U	<0.22 U
4-Bromophenyl Phenyl Ether	101-55-3	NS	NS	NS	mg/kg	<0.079 U	<0.071 U	<0.078 U	<0.073 U	<0.086 U	<0.53 U	<0.07 U	<0.11 U	<0.074 U	<0.089 U	<0.073 U	<0.073 U	<0.09 U
4-Chloro-3-Methylphenol	59-50-7	NS	NS	NS	mg/kg	<0.2 U	<0.18 U	<0.2 U	<0.18 U	<0.21 U	<1.3 U	<0.18 U	<0.28 U	<0.18 U	<0.22 U	<0.18 U	<0.18 U	<0.22 U
4-Chloroaniline	106-47-8	NS	NS	NS	mg/kg	<0.2 U	<0.18 U	<0.2 U	<0.18 U	<0.21 U	<1.3 U	<0.18 U	<0.28 U	<0.18 U	<0.22 U	<0.18 U	<0.18 U	<0.22 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	NS	NS	mg/kg	<0.079 U	<0.071 U	<0.078 U	<0.073 U	<0.086 U	<0.53 U	<0.07 U	<0.11 U	<0.074 U	<0.089 U	<0.073 U	<0.073 U	<0.09 U
4-Nitroaniline	100-01-6	NS	NS	NS	mg/kg	<0.2 U	<0.18 U	<0.2 U	<0.18 U	<0.21 U	<1.3 U	<0.18 U	<0.28 U	<0.18 U	<0.22 U	<0.18 U	<0.18 U	<0.22 U
4-Nitrophenol	100-02-7	NS	NS	NS	mg/kg	<0.39 U	<0.35 U	<0.39 U	<0.37 U	<0.43 U	<2.7 U	<0.35 U	<0.57 U	<0.37 U	<0.44 U	<0.37 U	<0.36 U	<0.45 U
Acenaphthene	83-32-9	**20**	98	100	mg/kg	0.115	<0.035 U	<0.039 U	0.473	1.01	**309**	<0.035 U	2.6	0.0354 J	1.23	<0.037 U	<0.036 U	0.0239 J
Acenaphthylene	208-96-8	100	365	100	mg/kg	0.909	<0.035 U	<0.039 U	0.302	0.132	83	<0.035 U	1.43	0.0469	23.6	<0.037 U	<0.036 U	<0.045 U
Acetophenone	98-86-2	NS	NS	NS	mg/kg	<0.2 U	<0.18 U	<0.2 U	<0.18 U	<0.21 U	<1.3 U	<0.18 U	<0.28 U	<0.18 U	1.6	<0.18 U	<0.18 U	<0.22 U
Anthracene	120-12-7	**100**	1000	100	mg/kg	0.367	0.0554	<0.039 U	1.52	0.114	**261**	0.105	0.832	0.085	3.09	0.0641	0.175	0.0409 J
Atrazine	1912-24-9	NS	NS	NS	mg/kg	<0.079 U	<0.071 U	<0.078 U	<0.073 U	<0.086 U	<0.53 U	<0.07 U	<0.11 U	<0.074 U	<0.089 U	<0.073 U	<0.073 U	<0.09 U
Benzaldehyde	100-52-7	NS	NS	NS	mg/kg	<0.2 U	<0.18 U	<0.2 U	<0.18 U	0.0535 J	<1.3 U	<0.18 U	<0.28 U	<0.18 U	0.986	<0.18 U	<0.18 U	0.0251 J
Benzo(a)anthracene	56-55-3	**1**	1	1.4	mg/kg	**1.53**	0.303	<0.039 U	**4.23**	0.118	**114**	0.218	0.424	0.422	**25.9**	0.225	0.252	0.218
Benzo(a)pyrene	50-32-8	**1**	22	1	mg/kg	**1.69**	0.344	<0.039 U	**3.8**	0.131	**155**	0.233	0.539	0.379	**44.4**	0.255	0.27	0.184
Benzo(b)fluoranthene	205-99-2	**1**	2.1	1.4	mg/kg	**1.63**	0.489	<0.039 U	**5.06**	0.104	**94.1**	0.354	0.365	0.52	**40**	0.339	0.35	0.237
Benzo(g,h,i)Perylene	191-24-2	**0.64**	1000	4.9	mg/kg	**1.81**	0.301	<0.039 U	**3.64**	0.117	**121**	0.255	0.399	0.266	**50.9**	0.223	0.224	0.115
Benzo(k)fluoranthene	207-08-9	**0.8**	2	4.9	mg/kg	0.556	0.132	<0.039 U	**1.65**	0.0424 J	**14.1**	0.089	0.121	0.151	**10**	0.108	0.126	0.0881
Benzyl Butyl Phthalate	85-68-7	NS	NS	NS	mg/kg	<0.079 U	<0.071 U	<0.078 U	<0.073 U	<0.086 U	<0.53 U	0.495	<0.11 U	<0.074 U	<0.089 U	<0.073 U	<0.073 U	<0.09 U
Biphenyl (Diphenyl)	92-52-4	NS	NS	NS	mg/kg	<0.079 U	<0.071 U	<0.078 U	0.0457 J	0.685	0.657	<0.07 U	<0.11 U	0.0194 J	0.248	<0.073 U	<0.073 U	0.0144 J
Bis(2-chloroethoxy) methane	111-91-1	NS	NS	NS	mg/kg	<0.079 U	<0.071 U	<0.078 U	<0.073 U	<0.086 U	<0.53 U	<0.07 U	<0.11 U	<0.074 U	<0.089 U	<0.073 U	<0.073 U	<0.09 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	NS	NS	NS	mg/kg	<0.079 U	<0.071 U	<0.078 U	<0.073 U	<0.086 U	<0.53 U	<0.07 U	<0.11 U	<0.074 U	<0.089 U	<0.073 U	<0.073 U	<0.09 U
Bis(2-chloroisopropyl) ether	108-60-1	NS	NS	NS	mg/kg	<0.079 U	<0.071 U	<0.078 U	<0.073 U	<0.086 U	<0.53 U	<0.07 U	<0.11 U	<0.074 U	<0.089 U	<0.073 U	<0.073 U	<0.09 U
Bis(2-ethylhexyl) phthalate	117-81-7	NS	NS	NS	mg/kg	<0.079 U	0.411	<0.078 U	0.766	<0.086 U	<0.53 U	0.204	<0.11 U	<0.074 U	1.43	0.399	0.369	<0.09 U
Caprolactam	105-60-2	NS	NS	NS	mg/kg	<0.079 U	<0.071 U	<0.078 U	<0.073 U	<0.086 U	<0.53 U	<0.07 U	<0.11 U	<0.074 U	<0.089 U	<0.073 U	<0.073 U	<0.09 U
Carbazole	86-74-8	NS	NS	NS	mg/kg	0.0891	<0.071 U	<0.078 U	0.693	<0.086 U	0.966	<0.07 U	<0.11 U	0.0205 J	0.563	<0.073 U	<0.073 U	0.0164 J
Chrysene	218-01-9	**1**	1	4.9	mg/kg	**1.21**	0.309	<0.039 U	**4**	0.118	**89.6**	0.237	0.334	0.45	**19.9**	0.242	0.253	0.251
Dibenz(a,h)anthracene	53-70-3	**0.33**	1000	0.33	mg/kg	0.19	0.0751	<0.039 U	**0.94**	<0.043 U	**8.17**	<0.035 U	0.0387 J	0.0573	**4.59**	<0.037 U	<0.036 U	0.0318 J
Dibenzofuran	132-64-9	2.1	110	18	mg/kg	0.0816	<0.071 U	<0.078 U	0.27	<0.086 U	<0.53 U	<0.07 U	<0.11 U	0.0395 J	0.261	<0.073 U	<0.073 U	0.0216 J
Dibutyl phthalate	84-74-2	NS	NS	NS	mg/kg	<0.079 U	<0.071 U	<0.078 U	<0.073 U	<0.086 U	<0.53 U	<0.07 U	<0.11 U	<0.074 U	0.032 J	<0.073 U	<0.073 U	<0.09 U
Diethyl phthalate	84-66-2	NS	NS	NS	mg/kg	<0.079 U	<0.071 U	<0.078 U	<0.073 U	<0.086 U	<0.53 U	<0.07 U	<0.11 U	<0.074 U	<0.089 U	<0.073 U	<0.073 U	<0.09 U
Dimethyl phthalate	131-11-3	NS	NS	NS	mg/kg	<0.079 U	<0.071 U	<0.078 U	<0.073 U	<0.086 U	<0.53 U	<0.07 U	<0.11 U	<0.074 U	<0.089 U	<0.073 U	<0.073 U	<0.09 U
Dioctyl phthalate	117-84-0	NS	NS	NS	mg/kg	<0.079 U	<0.071 U	<0.078 U	<0.073 U	<0.086 U	<0.53 U	<0.07 U	<0.11 U	<0.074 U	<0.089 U	<0.073 U	<0.073 U	<0.09 U
Fluoranthene	206-44-0	**85**	1000	100	mg/kg	3.45	0.562	<0.039 U	11.3	0.309	**420**	0.47	1.53	0.85	32.2	0.435	0.462	0.46
Fluorene	86-73-7	**30**	386	100	mg/kg	0.139	<0.035 U	<0.039 U	0.47	0.0924	**322**	<0.035 U	1.05	0.0289 J	0.828	<0.037 U	<0.036 U	<0.045 U
Hexachlorobenzene	118-74-1	0.33	3.2	0.33	mg/kg	<0.079 U	<0.071 U	<0.078 U	<0.073 U	<0.086 U	<0.53 U	<0.07 U	<0.11 U	<0.074 U	<0.089 U	<0.073 U	<0.073 U	<0.09 U
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	<0.039 U	<0.035 U	<0.039 U	<0.037 U	<0.043 U	<0.27 U	<0.035 U	<0.057 U	<0.037 U	<0.044 U	<0.037 U	<0.036 U	<0.045 U
Hexachlorocyclopentadiene	77-47-4	NS	NS	NS	mg/kg	<0.39 U	<0.35 U	<0.39 U	<0.37 U	<0.43 U	<2.7 U	<0.35 U	<0.57 U	<0.37 U	<0.44 U	<0.37 U	<0.36 U	<0.45 U
Hexachloroethane	67-72-1	NS	NS	NS	mg/kg	<0.2 U	<0.18 U	<0.2 U	<0.18 U	<0.21 U	<1.3 U	<0.18 U	<0.28 U	<0.18 U	<0.22 U	<0.18 U	<0.18 U	<0.22 U
Indeno(1,2,3-cd)pyrene	193-39-5	**0.5**	6.6	1.4	mg/kg	**0.961**	0.239	<0.039 U	**2.62**	0.0613	**72.1**	0.197	0.232	0.224	**32.7**	0.173	0.181	0.111
Isophorone	78-59-1	NS	NS	NS	mg/kg	<0.079 U	<0.071 U	<0.078 U	<0.073 U	<0.086 U	<0.53 U	<0.07 U	<0.11 U	<0.074 U	<0.089 U	<0.073 U	<0.073 U	<0.09 U
Naphthalene	91-20-3	12	12	100	mg/kg	0.117	<0.035 U	<0.039 U	0.153	3.13	3.51	<0.035 U	2.77	0.094	2.46	<0.037 U	<0.036 U	0.109
Nitrobenzene	98-95-3	0.08	0.08	1.8	mg/kg	<0.079 U	<0.071 U	<0.078 U	<0.073 U	<0.086 U	<0.53 U	<0.07 U	<0.11 U	<0.074 U	<0.089 U	<0.073 U	<0.073 U	<0.09 U
n-Nitrosodi-N-Propylamine	621-64-7	NS	NS	NS	mg/kg	<0.079 U	<0.071 U	<0.078 U	<0.073 U	<0.086 U	<0.53 U	<0.07 U	<0.11 U	<0.074 U	<0.089 U	<0.073 U	<0.073 U	<0.09 U
n-Nitrosodiphenylamine	86-30-6	NS	NS	NS	mg/kg	<0.2 U	<0.18 U	<0.2 U	<0.18 U	<0.21 U	<1.3 U	<0.18 U	<0.28 U	<0.18 U	<0.22 U	<0.18 U	<0.18 U	<0.22 U
Pentachlorophenol	87-86-5	0.8	0.8	1.3	mg/kg	<0.16 U	<0.14 U	<0.16 U	<0.15 U	<0.17 U	<1.1 U	<0.14 U	<0.23 U	<0.15 U	<0.18 U	<0.15 U	<0.15 U	<0.18 U
Phenanthrene	85-01-8	**1.1**	1000	4.9	mg/kg	**1.11**	0.196	<0.039 U	**7.17**	0.19	**490**	0.29	**1.68**	0.51	**5.72**	0.157	0.176	0.305
Phenol	108-95-2	0.33	0.33	100	mg/kg	<0.079 U	<0.071 U	<0.078 U	<0.073 U	<0.086 U	<0.53 U	<0.07 U	<0.11 U	<0.074 U	0.0714 J	<0.073 U	<0.073 U	<0.09 U
Pyrene	129-00-0	**64**	1000	100	mg/kg	6.11	0.517	<0.039 U	8.98	0.487	**620**	0.401	2.13	1.02	57.6	0.447	0.479	0.526

Table 2
Phase II Environmental Site Investigation Report
Soil Sample Analytical Results

252 3rd Street
Brooklyn, New York
Langan Project No.: 170970401

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	SB01	SB02	SB02	SB03	SB03	SB03	SB04	SB04	SB05	SB06	SB07	SB07	SB07
					Sample Name	SB01_2-4	SB02_1-3	SB02_12-14	SB03_1-3	SB03_12-14	SB03_15-17	SB04_2-4	SB04_16-18	SB05_4-6	SB06_10-12	SB07_2-4	DUP01_122225	SB07_12-14
					Sample Date	12/22/2025	12/22/2025	12/23/2025	12/22/2025	12/23/2025	12/23/2025	12/22/2025	12/23/2025	12/23/2025	12/23/2025	12/22/2025	12/22/2025	12/23/2025
					Sample Depth	2-4	1-3	12-14	1-3	12-14	15-17	2-4	16-18	4-6	10-12	2-4	2-4	12-14
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Polychlorinated Biphenyl																		
PCB-1016 (Aroclor 1016)	12674-11-2	NS	NS	NS	mg/kg	<0.023 U	<0.022 U	NA	<0.021 U	NA	NA	<0.02 U	NA	<0.021 U	NA	<0.021 U	<0.022 U	NA
PCB-1221 (Aroclor 1221)	11104-28-2	NS	NS	NS	mg/kg	<0.023 U	<0.022 U	NA	<0.021 U	NA	NA	<0.02 U	NA	<0.021 U	NA	<0.021 U	<0.022 U	NA
PCB-1232 (Aroclor 1232)	11141-16-5	NS	NS	NS	mg/kg	<0.023 U	<0.022 U	NA	<0.021 U	NA	NA	<0.02 U	NA	<0.021 U	NA	<0.021 U	<0.022 U	NA
PCB-1242 (Aroclor 1242)	53469-21-9	NS	NS	NS	mg/kg	<0.023 U	<0.022 U	NA	<0.021 U	NA	NA	<0.02 U	NA	<0.021 U	NA	<0.021 U	<0.022 U	NA
PCB-1248 (Aroclor 1248)	12672-29-6	NS	NS	NS	mg/kg	<0.023 U	<0.022 U	NA	<0.021 U	NA	NA	<0.02 U	NA	<0.021 U	NA	<0.021 U	<0.022 U	NA
PCB-1254 (Aroclor 1254)	11097-69-1	NS	NS	NS	mg/kg	0.0068 J	0.12	NA	0.21	NA	NA	0.131	NA	<0.021 U	NA	0.0786	0.0766	NA
PCB-1260 (Aroclor 1260)	11096-82-5	NS	NS	NS	mg/kg	<0.023 U	0.116	NA	0.132	NA	NA	0.0431	NA	<0.021 U	NA	0.166	0.153	NA
PCB-1262 (Aroclor 1262)	37324-23-5	NS	NS	NS	mg/kg	<0.023 U	<0.022 U	NA	<0.021 U	NA	NA	<0.02 U	NA	<0.021 U	NA	<0.021 U	<0.022 U	NA
PCB-1268 (Aroclor 1268)	11100-14-4	NS	NS	NS	mg/kg	<0.023 U	<0.022 U	NA	<0.021 U	NA	NA	<0.02 U	NA	<0.021 U	NA	<0.021 U	<0.022 U	NA
Total PCBs	1336-36-3	**0.1**	3.2	1	mg/kg	0.0073 J	**0.236**	NA	**0.341**	NA	NA	**0.174**	NA	<0.021 U	NA	**0.244**	**0.23**	NA
Metals																		
Aluminum	7429-90-5	NS	NS	NS	mg/kg	3,410	10,700	NA	14,600	3,360	NA	20,800	4,590	5,910	6,200	7,470	7,230	NA
Antimony	7440-36-0	NS	NS	NS	mg/kg	<2.3 U	<11 U	NA	12.2	<1.7 U	NA	<21 U	7.1	<2.2 U	<2.6 U	<2.1 U	2.3	NA
Arsenic	7440-38-2	**13**	16	16	mg/kg	12.7	6	NA	<11 U	9.6	NA	10.9	**19.3**	6.6	5	11	8.1	NA
Barium	7440-39-3	**410**	820	410	mg/kg	184	276	NA	**496**	55.7	NA	**800**	154	160	193	218	218	NA
Beryllium	7440-41-7	**4.4**	47	43	mg/kg	0.5	**9.7**	NA	**17.6**	0.28	NA	**26.4**	0.36	0.4	**4.5**	0.69	0.79	NA
Cadmium	7440-43-9	**2.5**	7.5	2.5	mg/kg	<0.57 U	1.6	NA	<2.8 U	<0.43 U	NA	<2.6 U	0.97	<0.55 U	1.3	**6.6**	**6.9**	NA
Calcium	7440-70-2	NS	NS	NS	mg/kg	27,500	50,100	NA	44,900	9,830	NA	42,700	NA	9,850	153,000	46,400	47,100	NA
Chromium, Hexavalent	18540-29-9	**1**	19	1	mg/kg	<0.48 U	<0.45 U	NA	**211**	<0.51 U	NA	<0.42 U	NA	0.72	**5**	<0.45 U	<0.44 U	NA
Chromium, Total	7440-47-3	NS	NS	NS	mg/kg	15.8	92	NA	173	7.8	NA	273	11	13.6	48.9	25.4	26.3	NA
Chromium, Trivalent	16065-83-1	**30**	19	110	mg/kg	15.8	**92**	NA	<40 U	7.8	NA	**273**	NA	12.9	**43.9**	25.4	26.3	NA
Cobalt	7440-48-4	NS	NS	NS	mg/kg	6.3	59	NA	121	4.4	NA	185	6.8	7.1	29.9	6.7	7.1	NA
Copper	7440-50-8	**50**	1720	280	mg/kg	43.6	**1,100**	NA	**3,630**	17	NA	**5,010**	**364**	**161**	**599**	**241**	**210**	NA
Cyanide	57-12-5	**2.3**	40	13	mg/kg	1	0.34	NA	**11.8**	NA	NA	1.5	NA	<0.3 U	**12.7**	0.42	0.66	NA
Iron	7439-89-6	NS	NS	NS	mg/kg	10,600	46,100	NA	86,500	8,960	NA	154,000	13,000	12,800	19,300	18,400	21,400	NA
Lead	7439-92-1	**63**	450	400	mg/kg	**198**	**1,050**	NA	**2,330**	**345**	NA	**3,900**	NA	**297**	**820**	**605**	**582**	NA
Magnesium	7439-95-4	NS	NS	NS	mg/kg	1,910	16,600	NA	6,830	1,040	NA	10,100	2,260	2,850	1,830	10,300	11,000	NA
Manganese	7439-96-5	1600	2000	2000	mg/kg	158	662	NA	896	98.2	NA	1,340	514	247	298	399	443	NA
Mercury	7439-97-6	**0.18**	0.73	0.3	mg/kg	**0.74**	<0.029 U	NA	0.11	**0.63**	NA	0.061	NA	**1**	<0.045 U	0.16	0.18	NA
Nickel	7440-02-0	**30**	130	320	mg/kg	19.2	**452**	NA	**1,350**	10.9	NA	**2,380**	23.4	**31.3**	**239**	**36.9**	**38.9**	NA
Potassium	7440-09-7	NS	NS	NS	mg/kg	<1,100 U	<1,100 U	NA	<1,100 U	<860 U	NA	1,260	<1,200 U	<1,100 U	<1,300 U	<1,100 U	<1,100 U	NA
Selenium	7782-49-2	3.9	4	110	mg/kg	<2.3 U	<11 U	NA	<11 U	<1.7 U	NA	<10 U	2.6	<2.2 U	2.8	<2.1 U	<2.3 U	NA
Silver	7440-22-4	**2**	8.3	110	mg/kg	<0.57 U	1.4	NA	**8**	<0.43 U	NA	**9.4**	1.9	<0.55 U	<0.66 U	0.75	0.8	NA
Sodium	7440-23-5	NS	NS	NS	mg/kg	<1,100 U	<1,100 U	NA	1,680	<860 U	NA	1,660	<1,200 U	<1,100 U	<1,300 U	<1,100 U	<1,100 U	NA
Thallium	7440-28-0	NS	NS	NS	mg/kg	<1.1 U	<1.1 U	NA	<5.6 U	<0.86 U	NA	<5.1 U	<1.2 U	<1.1 U	<1.3 U	<1.1 U	<1.1 U	NA
Vanadium	7440-62-2	NS	NS	NS	mg/kg	12	20.8	NA	21	14.8	NA	20.6	21.9	20.7	17.5	42	43	NA
Zinc	7440-66-6	**109**	2480	6600	mg/kg	**130**	**3,250**	NA	**8,160**	60.4	NA	**10,600**	**263**	**272**	**2,150**	**567**	**564**	NA
General Chemistry																		
Solids, Percent	SOLID	NS	NS	NS	Percent	84.3	92.4	83.6	90.5	77.6	61.9	94.3	58.3	88.2	72.2	89.9	89.3	71.1

Table 2
Phase II Environmental Site Investigation Report
Soil Sample Analytical Results

252 3rd Street
Brooklyn, New York
Langan Project No.: 170970401

Notes:
CAS - Chemical Abstract Service
NS - No standard
mg/kg - milligram per kilogram
NA - Not analyzed
RL - Reporting limit
<RL - Not detected

Soil sample 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, Protection of Groundwater, and Restricted Use Restricted-Residential Soil Cleanup Objectives (SCO) (December 2025).

Criterion comparisons for 3- & 4-methylphenol (m&p cresol) are provided for reference. Promulgated SCOs are for 3-methylphenol (m-cresol) and 4-methylphenol (p-cresol).

SB04_16-18 was run for a partial list of metals due to a laboratory logging error

Qualifiers:

J - The analyte was detected above the method detection limit (MDL), but below the RL; therefore, the result is an estimated concentration.

U - The analyte was analyzed for, but was not detected at a level greater than or equal to the RL; the value shown in the table is the RL.

Exceedance Summary:
10 - Result exceeds Unrestricted Use SCOs
10 - Result exceeds Protection of Groundwater SCOs
10 - Result exceeds Restricted Use Restricted-Residential SCOs

Table 3
Phase II Environmental Site Investigation Report
Groundwater Sample Analytical Results

252 3rd Street
Brooklyn, New York
Langan Project No.: 170970401

Analyte	CAS Number	NYSDEC SGVs	Location	MW02	MW03	MW03	MW07
			Sample Name	MW02_123025	MW03_123025	GWDUP01_123025	MW07_123025
			Sample Date	12/30/2025	12/30/2025	12/30/2025	12/30/2025
			Unit	Result	Result	Result	Result
Volatile Organic Compounds							
1,1,1-Trichloroethane	71-55-6	5	ug/l	<1 U	<4 U	<4 U	<1 U
1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	<1 U	<4 U	<4 U	<1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5	ug/l	<5 U	<20 U	<20 U	<5 U
1,1,2-Trichloroethane	79-00-5	1	ug/l	<1 U	<4 U	<4 U	<1 U
1,1-Dichloroethane	75-34-3	5	ug/l	<1 U	<4 U	<4 U	<1 U
1,1-Dichloroethene	75-35-4	5	ug/l	<1 U	<4 U	<4 U	<1 U
1,2,3-Trichlorobenzene	87-61-6	5	ug/l	<1 U	<4 U	<4 U	<1 U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<1 U	<4 U	<4 U	<1 U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	ug/l	<2 U	<8 U	<8 U	<2 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.0006	ug/l	<1 U	<4 U	<4 U	<1 U
1,2-Dichlorobenzene	95-50-1	3	ug/l	<1 U	<4 U	<4 U	<1 U
1,2-Dichloroethane	107-06-2	0.6	ug/l	<1 U	<4 U	<4 U	<1 U
1,2-Dichloropropane	78-87-5	1	ug/l	<0.92 U	<3.7 U	<3.7 U	<0.92 U
1,3-Dichlorobenzene	541-73-1	3	ug/l	<1 U	<4 U	<4 U	<1 U
1,4-Dichlorobenzene	106-46-7	3	ug/l	<1 U	<4 U	<4 U	<1 U
2-Hexanone (MBK)	591-78-6	50	ug/l	<5 U	<20 U	<20 U	<5 U
Acetone	67-64-1	50	ug/l	<10 U	<40 U	<40 U	<10 U
Benzene	71-43-2	**1**	ug/l	<0.5 U	**2.2**	**2**	<0.5 U
Bromochloromethane	74-97-5	5	ug/l	<1 U	<4 U	<4 U	<1 U
Bromodichloromethane	75-27-4	50	ug/l	<0.98 U	<3.9 U	<3.9 U	<0.98 U
Bromoform	75-25-2	50	ug/l	<1 U	<4 U	<4 U	<1 U
Bromomethane	74-83-9	5	ug/l	<2 U	<8 U	<8 U	<2 U
Carbon Disulfide	75-15-0	60	ug/l	<2 U	<8 U	<8 U	<2 U
Carbon Tetrachloride	56-23-5	5	ug/l	<1 U	<4 U	<4 U	<1 U
Chlorobenzene	108-90-7	5	ug/l	<1 U	<4 U	<4 U	<1 U
Chloroethane	75-00-3	5	ug/l	<1 U	<4 U	<4 U	<1 U
Chloroform	67-66-3	7	ug/l	<1 U	2.9 J	2.4 J	<1 U
Chloromethane	74-87-3	5	ug/l	<1 U	<4 U	<4 U	<1 U
Cis-1,2-Dichloroethene	156-59-2	5	ug/l	<1 U	<4 U	<4 U	<1 U
Cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l	<1 U	<4 U	<4 U	<1 U
Cyclohexane	110-82-7	NS	ug/l	<5 U	<20 U	<20 U	<5 U
Dibromochloromethane	124-48-1	50	ug/l	<0.78 U	<3.1 U	<3.1 U	<0.78 U
Dichlorodifluoromethane	75-71-8	5	ug/l	<2 U	<8 U	<8 U	<2 U
Ethylbenzene	100-41-4	**5**	ug/l	<1 U	**5.3**	**5.4**	<1 U
Isopropylbenzene (Cumene)	98-82-8	5	ug/l	<1 U	<4 U	<4 U	<1 U
M,P-Xylene	179601-23-1	5	ug/l	<1 U	<4 U	<4 U	<1 U
Methyl Acetate	79-20-9	NS	ug/l	<5 U	<20 U	<20 U	<5 U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	50	ug/l	<10 U	<40 U	<40 U	<10 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	ug/l	<5 U	<20 U	<20 U	<5 U
Methylcyclohexane	108-87-2	NS	ug/l	<5 U	<20 U	<20 U	<5 U
Methylene Chloride	75-09-2	5	ug/l	<2 U	<8 U	<8 U	<2 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	5	ug/l	<1 U	<4 U	<4 U	<1 U
Styrene	100-42-5	5	ug/l	<1 U	<4 U	<4 U	<1 U
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	10	ug/l	<1 U	2.2 J	2.2 J	0.59 J
Tetrachloroethene (PCE)	127-18-4	5	ug/l	<1 U	<4 U	<4 U	<1 U
Toluene	108-88-3	5	ug/l	<1 U	<4 U	<4 U	<1 U
Total Xylenes	1330-20-7	5	ug/l	<1 U	<4 U	<4 U	<1 U
Trans-1,2-Dichloroethene	156-60-5	5	ug/l	<1 U	<4 U	<4 U	<1 U
Trans-1,3-Dichloropropene	10061-02-6	0.4	ug/l	<0.5 U	<2 U	<2 U	<0.5 U
Trichloroethene (TCE)	79-01-6	5	ug/l	<1 U	<4 U	<4 U	<1 U
Trichlorofluoromethane	75-69-4	5	ug/l	<2 U	<8 U	<8 U	<2 U
Vinyl Chloride	75-01-4	2	ug/l	<1 U	<4 U	<4 U	<1 U
Total VOCs	TOTALVOCS	NS	ug/l	ND	12.6	12	0.59

Table 3
Phase II Environmental Site Investigation Report
Groundwater Sample Analytical Results

252 3rd Street
Brooklyn, New York
Langan Project No.: 170970401

Analyte	CAS Number	NYSDEC SGVs	Location	MW02	MW03	MW03	MW07
			Sample Name	MW02_123025	MW03_123025	GWDUP01_123025	MW07_123025
			Sample Date	12/30/2025	12/30/2025	12/30/2025	12/30/2025
			Unit	Result	Result	Result	Result
Semi-Volatile Organic Compounds							
1,2,4,5-Tetrachlorobenzene	95-94-3	5	ug/l	<2 U	<2 U	<2 U	<2 U
1,4-Dioxane (P-Dioxane)	123-91-1	0.35	ug/l	<1 U	<1 U	<1 U	<1 U
2,3,4,6-Tetrachlorophenol	58-90-2	NS	ug/l	<5 U	<5 U	<5 U	<5 U
2,4,5-Trichlorophenol	95-95-4	NS	ug/l	<5 U	<5 U	<5 U	<5 U
2,4,6-Trichlorophenol	88-06-2	NS	ug/l	<2 U	<2 U	<2 U	<2 U
2,4-Dichlorophenol	120-83-2	1	ug/l	<2 U	<2 U	<2 U	<2 U
2,4-Dimethylphenol	105-67-9	1	ug/l	<5 U	<5 U	<5 U	<5 U
2,4-Dinitrophenol	51-28-5	1	ug/l	<5 U	<5 U	<5 U	<5 U
2,4-Dinitrotoluene	121-14-2	5	ug/l	<1 U	<1 U	<1 U	<1 U
2,6-Dinitrotoluene	606-20-2	5	ug/l	<1 U	<1 U	<1 U	<1 U
2-Chloronaphthalene	91-58-7	10	ug/l	<2 U	<2 U	<2 U	<2 U
2-Chlorophenol	95-57-8	NS	ug/l	<5 U	<5 U	<5 U	<5 U
2-Methylnaphthalene	91-57-6	NS	ug/l	1	73.6	62.1	0.24 J
2-Methylphenol (o-Cresol)	95-48-7	NS	ug/l	<2 U	<2 U	<2 U	<2 U
2-Nitroaniline	88-74-4	5	ug/l	<5 U	<5 U	<5 U	<5 U
2-Nitrophenol	88-75-5	NS	ug/l	<5 U	<5 U	<5 U	<5 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	NS	ug/l	<2 U	<2 U	<2 U	<2 U
3,3'-Dichlorobenzidine	91-94-1	5	ug/l	<2 U	<2 U	<2 U	<2 U
3-Nitroaniline	99-09-2	5	ug/l	<5 U	<5 U	<5 U	<5 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	ug/l	<5 U	<5 U	<5 U	<5 U
4-Bromophenyl Phenyl Ether	101-55-3	NS	ug/l	<2 U	<2 U	<2 U	<2 U
4-Chloro-3-Methylphenol	59-50-7	NS	ug/l	<5 U	<5 U	<5 U	<5 U
4-Chloroaniline	106-47-8	5	ug/l	<5 U	<5 U	<5 U	<5 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	ug/l	<2 U	<2 U	<2 U	<2 U
4-Nitroaniline	100-01-6	5	ug/l	<5 U	<5 U	<5 U	<5 U
4-Nitrophenol	100-02-7	NS	ug/l	<10 U	<10 U	<10 U	<10 U
Acenaphthene	83-32-9	**20**	ug/l	0.24 J	**215**	**228**	**117**
Acenaphthylene	208-96-8	NS	ug/l	<1 U	0.55 J	1.2	30.1
Acetophenone	98-86-2	NS	ug/l	<2 U	<2 U	<2 U	0.31 J
Anthracene	120-12-7	50	ug/l	<1 U	6.1	15.2	0.82 J
Atrazine	1912-24-9	7.5	ug/l	<2 U	<2 U	<2 U	<2 U
Benzaldehyde	100-52-7	NS	ug/l	<5 U	<5 U	<5 U	<5 U
Benzo(a)anthracene	56-55-3	**0.002**	ug/l	<1 U	**0.45 J**	**1.3**	**2.5**
Benzo(a)pyrene	50-32-8	**0**	ug/l	<1 U	<1 U	**1.3**	**4.8**
Benzo(b)fluoranthene	205-99-2	**0.002**	ug/l	<1 U	<1 U	**0.93 J**	**4.3**
Benzo(g,h,i)Perylene	191-24-2	NS	ug/l	<1 U	<1 U	0.94 J	4.2
Benzo(k)fluoranthene	207-08-9	**0.002**	ug/l	<1 U	<1 U	**0.33 J**	**4.6**
Benzyl Butyl Phthalate	85-68-7	50	ug/l	<2 U	<2 U	<2 U	<2 U
Biphenyl (Diphenyl)	92-52-4	5	ug/l	<1 U	0.34 J	0.43 J	0.54 J
Bis(2-chloroethoxy) methane	111-91-1	5	ug/l	<2 U	<2 U	<2 U	<2 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	1	ug/l	<2 U	<2 U	<2 U	<2 U
Bis(2-chloroisopropyl) ether	108-60-1	5	ug/l	<2 U	<2 U	<2 U	<2 U
Bis(2-ethylhexyl) phthalate	117-81-7	5	ug/l	<2 U	<2 U	<2 U	<2 U
Caprolactam	105-60-2	NS	ug/l	<2 U	<2 U	<2 U	<2 U
Carbazole	86-74-8	NS	ug/l	<1 U	<1 U	<1 U	<1 U
Chrysene	218-01-9	**0.002**	ug/l	<1 U	**0.29 J**	**1.9**	**2.1**
Dibenz(a,h)anthracene	53-70-3	NS	ug/l	<1 U	<1 U	<1 U	0.35 J
Dibenzofuran	132-64-9	NS	ug/l	<5 U	<5 U	<5 U	0.39 J
Dibutyl phthalate	84-74-2	50	ug/l	<2 U	<2 U	<2 U	<2 U
Diethyl phthalate	84-66-2	50	ug/l	<2 U	<2 U	<2 U	<2 U
Dimethyl phthalate	131-11-3	50	ug/l	<2 U	<2 U	<2 U	<2 U
Dioctyl phthalate	117-84-0	50	ug/l	<2 U	<2 U	<2 U	<2 U
Fluoranthene	206-44-0	50	ug/l	<1 U	6.6	11.5	10.6
Fluorene	86-73-7	**50**	ug/l	<1 U	**64.3**	**76**	0.7 J
Hexachlorobenzene	118-74-1	0.04	ug/l	<1 U	<1 U	<1 U	<1 U
Hexachlorobutadiene	87-68-3	0.5	ug/l	<1 U	<1 U	<1 U	<1 U
Hexachlorocyclopentadiene	77-47-4	5	ug/l	<10 U	<10 U	<10 U	<10 U
Hexachloroethane	67-72-1	5	ug/l	<1 U	<1 U	<1 U	<1 U
Indeno(1,2,3-cd)pyrene	193-39-5	**0.002**	ug/l	<1 U	<1 U	**0.53 J**	**2.1**
Isophorone	78-59-1	50	ug/l	<2 U	<2 U	<2 U	<2 U
Naphthalene	91-20-3	**10**	ug/l	2.8	**1,100**	**1,150**	3.1
Nitrobenzene	98-95-3	0.4	ug/l	<1 U	<1 U	<1 U	<1 U
n-Nitrosodi-N-Propylamine	621-64-7	NS	ug/l	<1 U	<1 U	<1 U	<1 U
n-Nitrosodiphenylamine	86-30-6	50	ug/l	<5 U	<5 U	<5 U	<5 U
Pentachlorophenol	87-86-5	1	ug/l	<4 U	<4 U	<4 U	<4 U
Phenanthrene	85-01-8	**50**	ug/l	<1 U	48	**56.3**	1.1
Phenol	108-95-2	1	ug/l	<2 U	<2 U	<2 U	<2 U
Pyrene	129-00-0	50	ug/l	<1 U	8.8	15.3	15.8

Table 3
Phase II Environmental Site Investigation Report
Groundwater Sample Analytical Results

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Analyte	CAS Number	NYSDEC SGVs	Location	MW02	MW03	MW03	MW07
			Sample Name	MW02_123025	MW03_123025	GWDUP01_123025	MW07_123025
			Sample Date	12/30/2025	12/30/2025	12/30/2025	12/30/2025
			Unit	Result	Result	Result	Result
Metals - Dissolved							
Aluminum	7429-90-5	NS	ug/l	<200 U	<200 U	1,220	<200 U
Antimony	7440-36-0	3	ug/l	<6 U	<6 U	<6 U	<6 U
Arsenic	7440-38-2	25	ug/l	<3 U	5.6	7.4	<3 U
Barium	7440-39-3	1000	ug/l	496	290	296	<200 U
Beryllium	7440-41-7	3	ug/l	<1 U	<1 U	<1 U	<1 U
Cadmium	7440-43-9	5	ug/l	<3 U	<3 U	<3 U	<3 U
Calcium	7440-70-2	NS	ug/l	190,000	214,000	223,000	238,000
Chromium, Total	7440-47-3	50	ug/l	<10 U	<10 U	<10 U	<10 U
Cobalt	7440-48-4	NS	ug/l	<50 U	<50 U	<50 U	<50 U
Copper	7440-50-8	200	ug/l	<10 U	<10 U	10.8	<10 U
Iron	7439-89-6	**300**	ug/l	<100 U	**1,770**	**4,070**	155
Lead	7439-92-1	**25**	ug/l	<3 U	<15 U	**38.1**	<6 U
Magnesium	7439-95-4	**35000**	ug/l	**70,200**	**46,800**	**47,100**	21,500
Manganese	7439-96-5	**300**	ug/l	**9,610**	**2,070**	**2,230**	**819**
Mercury	7439-97-6	0.7	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Nickel	7440-02-0	100	ug/l	16.5	17	20.7	<10 U
Potassium	7440-09-7	NS	ug/l	<10,000 U	20,300	20,300	17,200
Selenium	7782-49-2	10	ug/l	<10 U	<10 U	<10 U	<10 U
Silver	7440-22-4	50	ug/l	<10 U	<10 U	<10 U	<10 U
Sodium	7440-23-5	**20000**	ug/l	**744,000**	**437,000**	**446,000**	**127,000**
Thallium	7440-28-0	0.5	ug/l	<10 U	<10 U	<10 U	<10 U
Vanadium	7440-62-2	NS	ug/l	<50 U	<50 U	<50 U	<50 U
Zinc	7440-66-6	2000	ug/l	<20 U	<20 U	<20 U	<20 U
Metals - Total							
Aluminum	7429-90-5	NS	ug/l	<200 U	3,050	8,440	9,510
Antimony	7440-36-0	3	ug/l	<6 U	<6 U	<6 U	<6 U
Arsenic	7440-38-2	25	ug/l	<3 U	10.2	18.2	9.7
Barium	7440-39-3	1000	ug/l	506	377	394	<200 U
Beryllium	7440-41-7	**3**	ug/l	<1 U	<1 U	<1 U	**4.1**
Cadmium	7440-43-9	5	ug/l	<3 U	<3 U	<3 U	4.1
Calcium	7440-70-2	NS	ug/l	191,000	239,000	253,000	229,000
Chromium, Hexavalent	18540-29-9	50	ug/l	<10 U	<10 U	<10 U	<10 U
Chromium, Total	7440-47-3	NS	ug/l	<10 U	16.4	34.3	22
Chromium, Trivalent	16065-83-1	NS	ug/l	<20 U	<20 U	34	22
Cobalt	7440-48-4	NS	ug/l	<50 U	<50 U	<50 U	<50 U
Copper	7440-50-8	200	ug/l	<10 U	25.8	70.8	50.5
Cyanide	57-12-5	200	ug/l	100	130	77	73
Iron	7439-89-6	**300**	ug/l	109	**8,870**	**19,200**	**20,700**
Lead	7439-92-1	**25**	ug/l	<3 U	**143**	**359**	**131**
Magnesium	7439-95-4	**35000**	ug/l	**69,300**	**48,800**	**50,500**	22,500
Manganese	7439-96-5	**300**	ug/l	**9,790**	**2,300**	**2,360**	**943**
Mercury	7439-97-6	0.7	ug/l	<0.2 U	0.25	0.54	<0.2 U
Nickel	7440-02-0	100	ug/l	17.2	28	50.7	91.2
Potassium	7440-09-7	NS	ug/l	<10,000 U	22,100	21,800	17,300
Selenium	7782-49-2	10	ug/l	<10 U	<10 U	<10 U	<10 U
Silver	7440-22-4	50	ug/l	<10 U	<10 U	<10 U	<10 U
Sodium	7440-23-5	**20000**	ug/l	**745,000**	**454,000**	**460,000**	**116,000**
Thallium	7440-28-0	0.5	ug/l	<10 U	<10 U	<10 U	<10 U
Tin	7440-31-5	NS	ug/l	NA	NA	NA	NA
Vanadium	7440-62-2	NS	ug/l	<50 U	<50 U	<50 U	<50 U
Zinc	7440-66-6	2000	ug/l	<20 U	54.9	142	302

Table 3
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Notes:
CAS - Chemical Abstract Service
NS - No standard
ug/l - microgram per liter
NA - Not analyzed
RL - Reporting limit
<RL - Not detected
Groundwater sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 Codes, Rules, and Regulations (NYCRR) Part 703.5 and the NYSDEC Technical and Operation Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values for Class GA Water and published addenda (herein collectively referenced as "NYSDEC SGVs").

Qualifiers:
J - The analyte was detected above the method detection limit (MDL), but below the RL; therefore, the result is an estimated concentration.

Exceedance Summary:
10 - Result exceeds NYSDEC SGVs

Table 4
Phase II Environmental Site Investigation Report
Soil Vapor Sample Analytical Results

252 3rd Street
Brooklyn, New York
Langan Project No.: 170970401

Analyte	CAS Number	Location	SV02	SV03	SV07
		Sample Name	SV02_122325	SV03_122325	SV07_122325
		Sample Date	12/23/2025	12/23/2025	12/23/2025
		Sample Type	SV	SV	SV
		Unit	Result	Result	Result
Volatile Organic Compounds					
1,1,1-Trichloroethane	71-55-6	ug/m3	<5.5 U	<2.2 U	<2.2 U
1,1,2,2-Tetrachloroethane	79-34-5	ug/m3	<6.9 U	<2.7 U	<2.7 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	ug/m3	<7.7 U	<3.1 U	<3.1 U
1,1,2-Trichloroethane	79-00-5	ug/m3	<5.5 U	<2.2 U	<2.2 U
1,1-Dichloroethane	75-34-3	ug/m3	<8.1 U	<3.2 U	<3.2 U
1,1-Dichloroethene	75-35-4	ug/m3	<1.6 U	<0.63 U	<0.63 U
1,2,4-Trichlorobenzene	120-82-1	ug/m3	<7.4 U	<3 U	<3 U
1,2,4-Trimethylbenzene	95-63-6	ug/m3	10	<3.9 U	<3.9 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	ug/m3	<7.7 U	<3.1 U	<3.1 U
1,2-Dichlorobenzene	95-50-1	ug/m3	<2.4 U	<0.96 U	<0.96 U
1,2-Dichloroethane	107-06-2	ug/m3	<8.1 U	<3.2 U	<3.2 U
1,2-Dichloropropane	78-87-5	ug/m3		<3.7 U	<3.7 U
1,2-Dichlorotetrafluoroethane	76-14-2	ug/m3	<7 U	<2.8 U	<2.8 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	ug/m3	9.3 J	<3.9 U	<3.9 U
1,3-Butadiene	106-99-0	ug/m3	3.3 J	1.8	1.9
1,3-Dichlorobenzene	541-73-1	ug/m3	<6 U	<2.4 U	<2.4 U
1,4-Dichlorobenzene	106-46-7	ug/m3	<6 U	<2.4 U	<2.4 U
1,4-Dioxane (P-Dioxane)	123-91-1	ug/m3	<7.2 U	<2.9 U	<2.9 U
2,2,4-Trimethylpentane	540-84-1	ug/m3	<9.3 U	<3.7 U	<3.7 U
2-Chlorotoluene	95-49-8	ug/m3	<10 U	<4.1 U	<4.1 U
2-Hexanone (MBK)	591-78-6	ug/m3	<8.2 U	<3.3 U	<3.3 U
4-Ethyltoluene	622-96-8	ug/m3	<9.8 U	<3.9 U	<3.9 U
Acetone	67-64-1	ug/m3	309	57	64.6
Allyl Chloride (3-Chloropropene)	107-05-1	ug/m3	<6.3 U	<2.5 U	<2.5 U
Benzene	71-43-2	ug/m3	17	47	<2.6 U
Benzyl Chloride	100-44-7	ug/m3	<10 U	<4.1 U	<4.1 U
Bromodichloromethane	75-27-4	ug/m3	<6.7 U	<2.7 U	<2.7 U
Bromoethene	593-60-2	ug/m3	<8.7 U	<3.5 U	<3.5 U
Bromoform	75-25-2	ug/m3	<4.1 U	<1.7 U	<1.7 U
Bromomethane	74-83-9	ug/m3	<7.8 U	<3.1 U	<3.1 U
Carbon Disulfide	75-15-0	ug/m3	23	8.7	3.4
Carbon Tetrachloride	56-23-5	ug/m3	<2.5 U	15	<1 U
Chlorobenzene	108-90-7	ug/m3	<9.2 U	<3.7 U	<3.7 U
Chloroethane	75-00-3	ug/m3	<5.3 U	<2.1 U	<2.1 U
Chloroform	67-66-3	ug/m3	<9.8 U	5.4	2.3 J
Chloromethane	74-87-3	ug/m3	<4.1 U	<1.7 U	<1.7 U
Cis-1,2-Dichloroethene	156-59-2	ug/m3	<1.6 U	<0.63 U	<0.63 U
Cis-1,3-Dichloropropene	10061-01-5	ug/m3	<9.1 U	<3.6 U	<3.6 U
Cyclohexane	110-82-7	ug/m3	12	31	<2.8 U
Dibromochloromethane	124-48-1	ug/m3	<8.5 U	<3.4 U	<3.4 U
Dichlorodifluoromethane	75-71-8	ug/m3	<9.9 U	2.3 J	2.6 J
Ethanol	64-17-5	ug/m3	157	93.8	128
Ethyl Acetate	141-78-6	ug/m3	<7.2 U	<2.9 U	<2.9 U
Ethylbenzene	100-41-4	ug/m3	25	3.5	2.6 J
Hexachlorobutadiene	87-68-3	ug/m3	<9.6 U	<3.8 U	<3.8 U
Isopropanol	67-63-0	ug/m3	61.7	38.1	50.1
M,P-Xylene	179601-23-1	ug/m3	89	12	8.7
Methyl Ethyl Ketone (2-Butanone)	78-93-3	ug/m3	12	6.5	10
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	ug/m3	9	<3.3 U	<3.3 U
Methyl Methacrylate	80-62-6	ug/m3	<8.2 U	<3.3 U	<3.3 U
Methylene Chloride	75-09-2	ug/m3	7.3	3.8	<2.8 U
Naphthalene	91-20-3	ug/m3	<10 U	<4.2 U	<4.2 U
n-Heptane	142-82-5	ug/m3	94.3	8.6	1.8 J
n-Hexane	110-54-3	ug/m3	41.6	7.8	6.7
o-Xylene (1,2-Dimethylbenzene)	95-47-6	ug/m3	41	2.9 J	2.2 J
Propylene	115-07-1	ug/m3	<8.6 U	<3.4 U	<3.4 U
Styrene	100-42-5	ug/m3	<8.5 U	<3.4 U	<3.4 U
Tert-Butyl Alcohol	75-65-0	ug/m3	<6.1 U	2.5	2.2 J
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	ug/m3	<7.2 U	<2.9 U	<2.9 U
Tetrachloroethene (PCE)	127-18-4	ug/m3	3.1	8.8	<1.1 U
Tetrahydrofuran	109-99-9	ug/m3	<5.9 U	<2.4 U	<2.4 U
Toluene	108-88-3	ug/m3	1370	6.4	3.7
Total Xylenes	1330-20-7	ug/m3	130	15	11
Trans-1,2-Dichloroethene	156-60-5	ug/m3	<7.9 U	<3.2 U	<3.2 U
Trans-1,3-Dichloropropene	10061-02-6	ug/m3	<9.1 U	<3.6 U	<3.6 U
Trichloroethene (TCE)	79-01-6	ug/m3	3.6	<0.86 U	<0.86 U
Trichlorofluoromethane	75-69-4	ug/m3	<5.6 U	<2.2 U	<2.2 U
Vinyl Acetate	108-05-4	ug/m3	<7 U	<2.8 U	<2.8 U
Vinyl Chloride	75-01-4	ug/m3	<1 U	<0.41 U	<0.41 U
Total VOCs	TOTALVOCS	ug/m3	2298.2	362.9	290.8

Table 4
Phase II Environmental Site Investigation Report
Soil Vapor Sample Analytical Results

252 3rd Street
Brooklyn, New York
Langan Project No.: 170970401

Notes:

SV - Soil Vapor
CAS - Chemical Abstract Service
NS - No standard
ug/m3 - microgram per cubic meter
NA - Not analyzed
RL - Reporting limit
<RL - Not detected

Qualifiers:

J - The analyte was detected above the method detection limit (MDL), but below the RL; therefore, the result is an estimated concentration.
U - The analyte was analyzed for, but was not detected at a level greater than or equal to the RL; the value shown in the table is the RL.

APPENDIX A

PREVIOUS ENVIRONMENTAL REPORTS

AQUATERRA

Environmental Services Corp

PHASE I
ENVIRONMENTAL AUDIT

252 3RD STREET
BROOKLYN, NEW YORK
AT91-PA-031

Copyright *Aqua*Terra Environmental Services Corp. 1991

AquaTerra Environmental Services Corp.

501 Fifth Avenue, Suite 1900, New York, NY 10017 Phone: 212-983-4373 FAX: 212-986-3020

TABLE OF CONTENTS:

SECTIONS:		**PAGE #**
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II.	ENVIRONMENTAL SETTING OF THE PROPERTY	6
III.	PUBLIC INFORMATION SEARCHES	8
IV.	AREAS OF ENVIRONMENTAL CONCERN CONSIDERED IN AUDIT	10
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APPENDICES:

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SITE MAP	APPENDIX B
PUBLIC INFORMATION	APPENDIX C
BUILDING RECORDS	EXHIBIT 1
SANBORN FIRE INSURANCE MAP	EXHIBIT 2
NYSDEC INACTIVE HAZARDOUS WASTE DISPOSAL REPORT	EXHIBIT 3
FREEDOM OF INFORMATION REQUEST	EXHIBIT 4
QUESTIONNAIRE	EXHIBIT 5
SAMPLING PLAN	APPENDIX D

OVERVIEW

AquaTerra's Phase I Environmental Audit conducted on March 22, 1991 found no visible evidence of adverse environmental conditions on the subject property. However, a review of prior operational activities on the property determined that it was used as a metal plating and auto body repair facility from 1968 to 1974. In addition, approximately 85% of the property was unpaved. Facilities of this nature use chemicals, hazardous materials, and generate wastes considered to be hazardous by the United States Environmental Protection Agency. Given the operational history of the site and the amount of unpaved area on the lot, the potential for spillage and release of chemicals and waste on the property exists.

Therefore it is recommended that a Phase II Investigation consisting of soil sampling be conducted on the subject property to determine if contaminants such as volatile organic compounds (VOC) and metals are present in the soil above what might be considered background levels.

1. PURPOSE AND SCOPE OF AUDIT:

Mr. Richard Zirinsky, the current owner of the subject property, retained AquaTerra Environmental Services Corporation to perform a Phase I Environmental Audit of 252-258 Third Street, Brooklyn, New York. The Phase I Audit was to assist the property owner(s) in determining the environmental condition of the property. The agreed general scope of the Phase I Audit included:

1. An on-site visual inspection to locate potential asbestos containing materials, obvious signs of chemical spills, improper use, storage and disposal of hazardous materials, areas of peeling paint suspected of containing lead and potential PCB containing electrical equipment.

2. Interviews with on-site personnel, as available, as to the operational history of the property.

3. Visual review of neighboring properties.

4. Public records search for the subject site to gather historic information as to the operational use of the property.

5. Sampling of suspected asbestos containing materials and peeling paint, and a short term radon test, if necessary.

6. A written report detailing the findings of the Phase I investigation and recommendations as to further investigations or actions, if necessary.

The purpose of this audit, as limited by its agreed scope, was to review the general environmental condition of the subject property, to flag potential liabilities that might accrue to the property's owner or operator under existing federal, state and local environmental laws and to make recommendations as to further actions which might be necessary to confirm, quantify or remove those risks.

AquaTerra took the following actions to accomplish its Phase I Audit mandate:

1. A physical inspection of the site on March 22, 1991 by Santha Wanigasinghe of AquaTerra.

2. An interview with Mr. Richard Zirinsky, the current property owner and Alfred Sideman, an associate of the current property owner as to the operational history of the site.

3. A review of the USEPA CERCLIS for the subject site and neighboring properties. The CERCLIS is a listing of potential hazardous waste sites. This list identifies the sites covered in the Superfund and National Priority List of hazardous waste sites.

4. A review of the New York State Department of Environmental Conservation (NYSDEC) List of Inactive Hazardous Waste Disposal Sites.

5. An interview with Mr. Wilson, Freedom of Information Clerk with USEPA Region 2 regarding USEPA CERCLIS and NYSDEC List of Inactive Hazardous Waste Disposal Sites.

6. A review of building records for the subject property at the Kings County Department of Buildings.

7. A review of Sanborn Fire Insurance Maps from 1951 (revised from 1915).

8. A Freedom of Information request with the New York City Department of Environmental Protection (NYCDEP) regarding records or information of reported spill(s) of hazardous materials at the subject site.

9. An interview with Ms. Helen Mahoney, Assistant Chemical Engineer, with the NYCDEP Bureau of Waste Water Treatment, Industrial Waste Control Section regarding any available information or records for the subject property and Barret Plating Inc., a facility once located on the subject property.

The results of the Phase I Audit presented in this report reflect current regulations, field techniques, and knowledge of the dangers involved in dealing with environmental hazards. The Audit is designed to offer information about the property, operations performed on site and possible alternatives when addressing the problem of exposure to hazardous substances. However, visual reports are limited in that only accessible areas of the building and land can be inspected. It is possible that potential asbestos containing and other hazardous materials might be found in inaccessible areas and in materials that have not been sampled and analyzed by a laboratory. Given the scope, the time frame and cost of the investigation it is impossible to classify all materials that might be found on site.

The parties have agreed that AquaTerra's legal liability for any damages that the property owner(s), purchasers or third parties may suffer as a result of any errors or omissions AquaTerra might make in its Phase I Audit will be limited to return of the fee that Mr. Richard Zirinsky has paid to AquaTerra or $5,000, whichever is greater.

2. ENVIRONMENTAL SETTING OF THE PROPERTY:

A. PROPERTY DESCRIPTION:

The subject property, designated as tax block 980, tax lot 19, is located at 252 3rd Street between 3rd Avenue and 4th Avenue in Brooklyn, New York. The subject lot measures approximately 26,000 square feet and is enclosed within a chain link fence along the north, south and west sides of the property and is abutted by a brick building to the east. There are no buildings or structures on the subject property. The ground cover of the lot is loose gravel over packed dirt. The property is currently leased to Consolidated Edison Co. and is used as a parking facility for Consolidated Edison Co.'s employees. Please refer to Picture #1 and #2 in Appendix A.

B. NEIGHBORING PROPERTY USES:

The property is in an M1-2 zoning district which permits light manufacturing facilities. Located directly across the street, to the north of the subject property is the Consolidated Edison Co. maintenance and garage facility which encompasses the entire block bounded by 2nd and 3rd Street, and 3rd and 4th Avenue. Further north of the property are commercial/retail establishments as well as some multiple story residential buildings. Located directly behind the subject property to the south is a U-Haul Truck Rental Facility. Located to the east of the subject property is the Mendon Truck Leasing and Rental Company and to the west is a multiple story loft building currently under renovation. Further west of the property and perpendicular to Third Avenue is the Gowanus Canal street basin. The basin is several hundred feet from the subject property. Please refer to Picture #3 to #6 in Appendix A.

C. SITE HISTORY:

A review of records for the subject property at the Kings County Department of Buildings indicated that a one story building with cellar once occupied the subject property and was subsequently demolished in 1974. The building was used as a soap manufacturing factory as far back as 1951 and was subsequently altered in 1968 into a metal plating and auto-body repair facility. Please refer to Appendix C Exhibit 1 and 2. The alteration application noted the use and occupancy of the facility after the alteration as follows:

Area	Use and Occupancy
Cellar	Boiler Room
Ground Floor	Factory (Metal Plating) Motor Vehicle Repair Shop

In order to determine the operational activity of the metal plating and auto-body repair facility, AquaTerra submitted a written questionnaire to Mr. Alfred Sideman, and Mr. Richard Zirinsky, the owner of the property during the operational history of the metal plating and auto-body repair facility. A copy of the questionnaire can be found in Appendix C (Exhibit 5).

Mr. Sideman nor Mr. Zirinsky were able to provide us with information regarding specific operational activities at the facility. However, based on verbal information provided by Mr. Sideman, it was determined that the metal plating and auto-body repair facility occupied approximately 4,000 square feet of the 26,000 square foot lot. The remainder of the lot was unpaved. The entire building including the cellar was demolished in 1974, and all construction debris was disposed of off-site. The excavated area was filled in with a combination of new soil, regraded soil and stone. No record (i.e Demolition Permit) was found at the Department of Buildings confirming this information.

D. TOPOGRAPHY:

The subject property and surrounding neighborhood are located in a relatively flat area. The subject property is an unimproved lot covered with loose gravel. Along the southern and eastern edges of the property are small grassy areas approximately three to four feet in diameter. Ground cover for Mendon Truck Leasing and Rental, bordering the subject site to the west could not be definitively determined because of parked trucks on the lot. The property located behind the subject property to the south, U-Haul Truck Rental, is covered with loose gravel. The streets neighboring the property were paved with concrete and asphalt. There are storm sewers to allow for the collection of rainfall. A spill or release of a hazardous substance in the street or on the paved neighboring properties would most probably flow into the storm sewer system. Spills on the unpaved adjacent properties as well as a spill on-site would permeate the soil.

3. PUBLIC INFORMATION SEARCHES:

The property was not identified on the USEPA CERCLIS as a potential hazardous waste site nor were any of the adjacent neighboring properties. The CERCLIS is a listing of potential hazardous waste sites. This list identifies the sites covered in the Superfund and National Priority List of hazardous waste sites. There were four sites identified on the CERCLIS within an approximate one mile radius of the property. Please refer to Appendix C, Exhibit 3. These sites are as follows:

1. CARROL GARDENS
   CORNER OF 5TH AND SMITH STREET
   BROOKLYN, NEW YORK 11231
   PRELIMINARY SITE ASSESSMENT COMPLETED IN FEBRUARY 8, 1991

2. BROOKLYN UNION GAS/METROPOLITAN WORKS
   2ND AVENUE & 12TH STREET/GOWANUS CANAL
   BROOKLYN, NEW YORK 11215
   PRELIMINARY SITE ASSESSMENT COMPLETED IN SEPTEMBER 24, 1986

3. BLATCHFORD BASE PLANT
   32 33RD STREET
   BROOKLYN, NEW YORK 11232
   PRELIMINARY SITE ASSESSMENT COMPLETED ON SEPTEMBER 22, 1987.

4. BROOKLYN UNION GAS/CITIZENS GATE STATION
   6TH STREET & 2ND AVENUE
   BROOKLYN, NEW YORK 11215
   PRELIMINARY SITE ASSESSMENT COMPLETED IN SEPTEMBER 24, 1986

According to Mr. Wilson of the USEPA Region 2, preliminary site investigations determined that no further action is required on these four sites and that these sites pose no potential environmental impact to the subject property.

The property was not identified on the New York State Department of Environmental Conservation (NYSDEC) List of Inactive Hazardous Waste Disposal Sites. There were two sites listed within an approximate one mile radius of the property. These sites are as follows:

1. HAMILTON AVENUE PIERS/19TH & 18TH STREET
   REAR OF 566 HAMILTON AVENUE
   BROOKLYN, NEW YORK 11232
   PRELIMINARY SITE ASSESSMENT COMPLETED IN SEPTEMBER 27, 1990

2. CARROL GARDENS
CORNER OF 5TH AND SMITH STREET
BROOKLYN, NEW YORK 11231
PRELIMINARY SITE ASSESSMENT COMPLETED IN
FEBRUARY 8, 1991

Mr. Wilson noted that the site investigation conducted at Hamilton Avenue Piers, located approximately a quarter of a mile from the subject property, provided no conclusive findings and additional investigations are being conducted. Potential environmental impact from this site could not be determined from the available information.

It must be noted that our staff was unable to determine if the either the U-Haul Truck rental facility located to the south, or the Mendon Truck Leasing and Rental Company located to the east of the property conducts activities which may have an environmental impact on the subject property. A Freedom of Information (FOI) request was submitted to the New York City Department of Environmental Protection (NYCDEP) requesting any records or information regarding responses by the Department to any incidents or knowledge of information concerning hazardous materials activity at the aforementioned sites as well as the subject property. According to information provided by the NYCDEP Division Hazardous Waste Materials Programs, the Department has responded to three incidents in the vicinity of the subject property regarding an abandoned truck, tanker and drums on 3rd Street and 3rd Avenue. The Department has taken action on all three incidents. As far as we can determine the three incidents noted have no environmental impact on the subject property. The information provided did not note any spills or releases of hazardous substances from the subject property or the neighboring properties. Please refer to Appendix C, Exhibit 4.

In a phone conversation with Ms. Helen Mahoney, Assistant Chemical Engineer with the NYCDEP Bureau of Waste Water Treatment, Industrial Waste Control Section, it was noted that according to NYCDEP records the facility operating on-site was Barret Plating, Inc. In addition, NYCDEP conducted laboratory analysis of the facility's waste water discharges into the city sewer system. Laboratory analysis conducted in 1971 found a high pH level of 10.01 as well as high levels of cyanide (200 mg/L) and copper (82 mg/L). Laboratory analysis conducted in 1972 found high levels of cyanide (220.5 mg/L) and zinc (36 mg/L) in the wastewater discharges. Neither of the analysis found any detectable levels of cadmium or chromium in the wastewater discharges.

AquaTerra has requested copies of the laboratory analysis reports as well as any other information the NYCDEP Bureau of Waste Water Treatment may have for Barret Plating or the subject property. Please refer to Appendix C, Exhibit 4.

4. AREAS OF ENVIRONMENTAL CONCERN:

A. ASBESTOS:

No suspect asbestos containing materials were found on the lot. The subject property has no existing structures. Our staff found no construction debris which may contain asbestos containing debris.

B. CHEMICAL STORAGE TANKS AND DRUMS:

Inspection of the lot found no visual evidence of any storage tanks or drums on the subject site.

C. CHEMICAL STORAGE AREAS:

There was no visible evidence of any environmentally significant chemicals stored on-site.

D. POLYCHLORINATED BIPHENYLS ("PCBS"):

There were no large pole mounted transformers, foundation set transformers, or fluorescent lights found on-site which might contain PCB contaminated oil.

E. EVIDENCE OF CHEMICAL SPILLS:

No visible environmentally significant spills were found on the subject site at the time of our inspection.

F. CHEMICAL USAGE ON SITE:

There was no visible evidence of environmentally significant chemical usage on-site at the time of our inspection

H. WASTEWATER DISCHARGES:

There was no evidence of treatment of wastewater on site.

I. SOLID WASTE DISPOSAL:

There was no observed evidence of treatment of solid waste on-site. No wastes, solid or otherwise, are currently generated at the site.

J. RADON:

The U. S. Environmental Protection Agency and the Center for Disease Control have used a continuous exposure of 4.0 picocuries per liter of air (pCi/L) as the level at which remedial action for radon exposure is suggested. The risk of radon gas levels exceeding 4.0 picocuries per liter of air in this area are small. A state wide radon study conducted by New York State Department Health determined that the average radon concentration for New York City is 1.4 pCi/L. This is well below the recommended action level.

K. LEAD IN PAINT:

There were no structures on the site which might contain areas painted with lead based paint.

5. RECOMMENDATIONS:

Our site inspection found no visible evidence of adverse environmental conditions on the subject property. However, a review of building records, and interviews with regulatory agencies and property owner(s) concluded that the subject property, at present a parking lot, was the site of metal plating and auto-body repair facility from 1968 to 1974. A building plan for the facility noted the building occupied only 15% of the lot, and remaining 85% of the lot was unpaved.

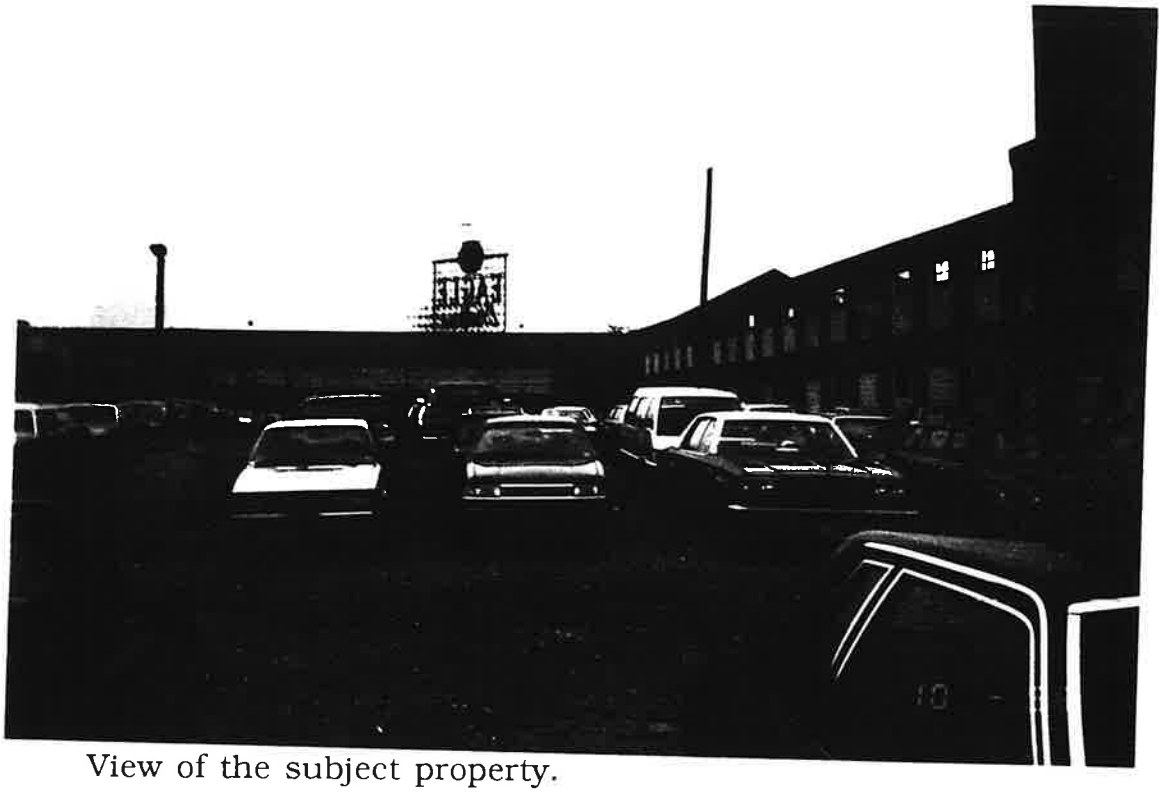
It must be noted that the potential for background contamination exists given the current and prior operational activities conducted in the vicinity of the subject property. However given the prior activities conducted on-site, the potential for contamination above background levels may exist and cannot be ruled out with conducting analysis of the soil on the lot.

In its day-to-day operation a metal plating facility uses hazardous chemicals and materials, and generates wastes that are considered hazardous by the United States Environmental Protection Agency (USEPA). Given the operational history of the site from 1968 to 1974 and the large unpaved area on the property, the potential for spillage and release of chemicals and waste on the property exists. It is therefore recommended that soil sampling be conducted on the subject property to determine if contaminants, such as volatile organic compounds (VOC) and metals are present in the soil. It is recommended that a sampling plan be designed to screen the soils on the portion of the property which was not occupied by the building. A sampling grid of the lot at specific intervals would be appropriate with sub-surface sampling of soil, at a depth between 2 and 5 feet. It is estimated that twelve locations be sampled and tested for metals and VOC. The approximate costs associated with the recommended sampling is $9,800.00.

APPENDIX A: PHOTOGRAPHS



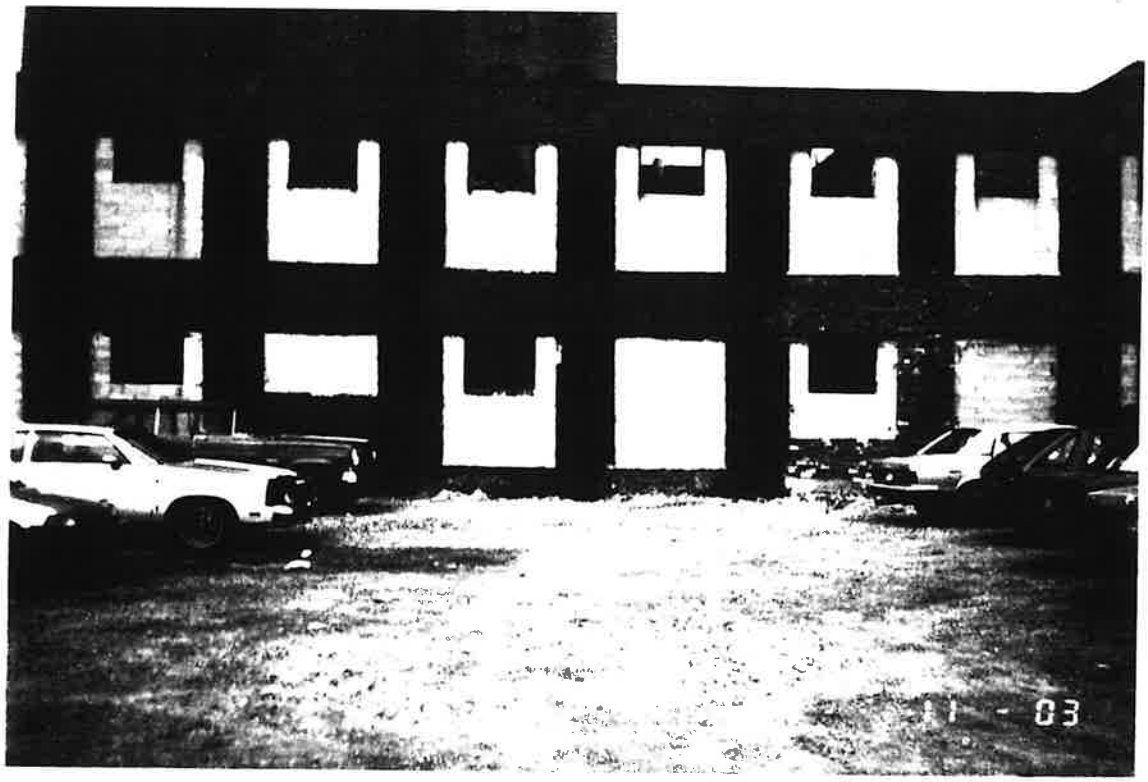
PICTURE # 1: View of the subject property from across the street.



PICTURE # 2: View of the subject property.



PICTURE # 3: View of Mendon Truck Rental and Leasing located adjacent and to the west of the site.

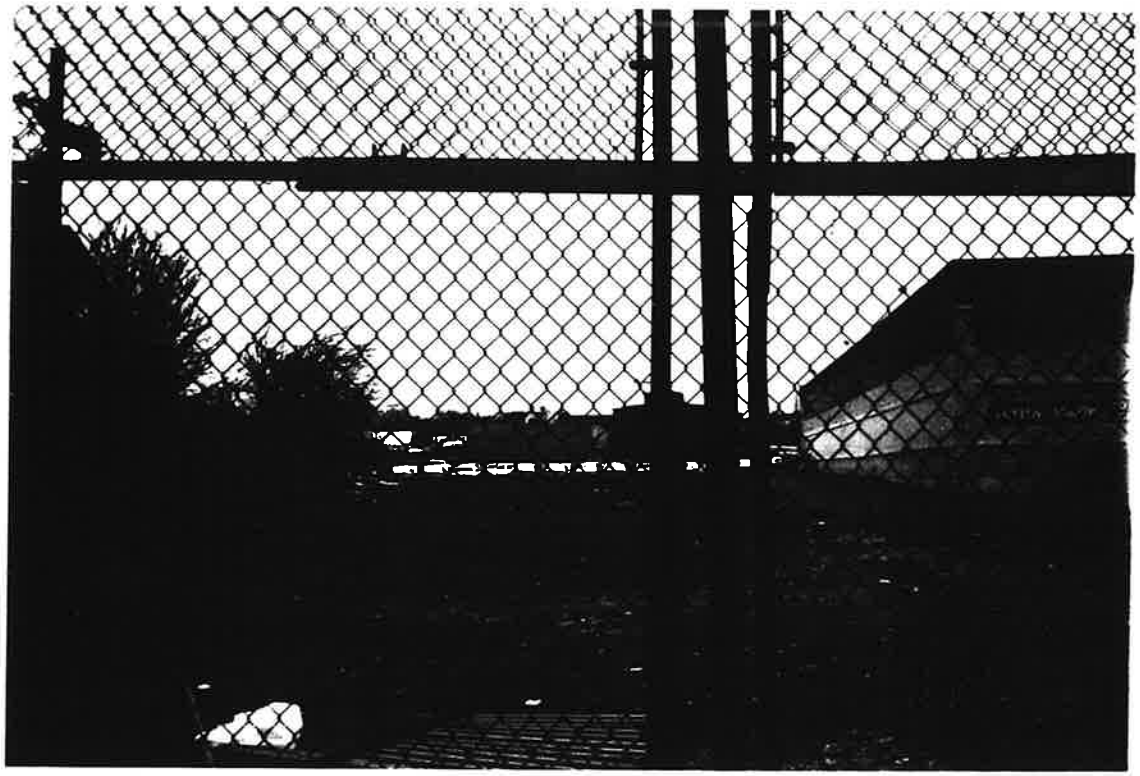


PICTURE # 4: View of building abutting the property to the east.

APPENDIX A: PHOTOGRAPHS



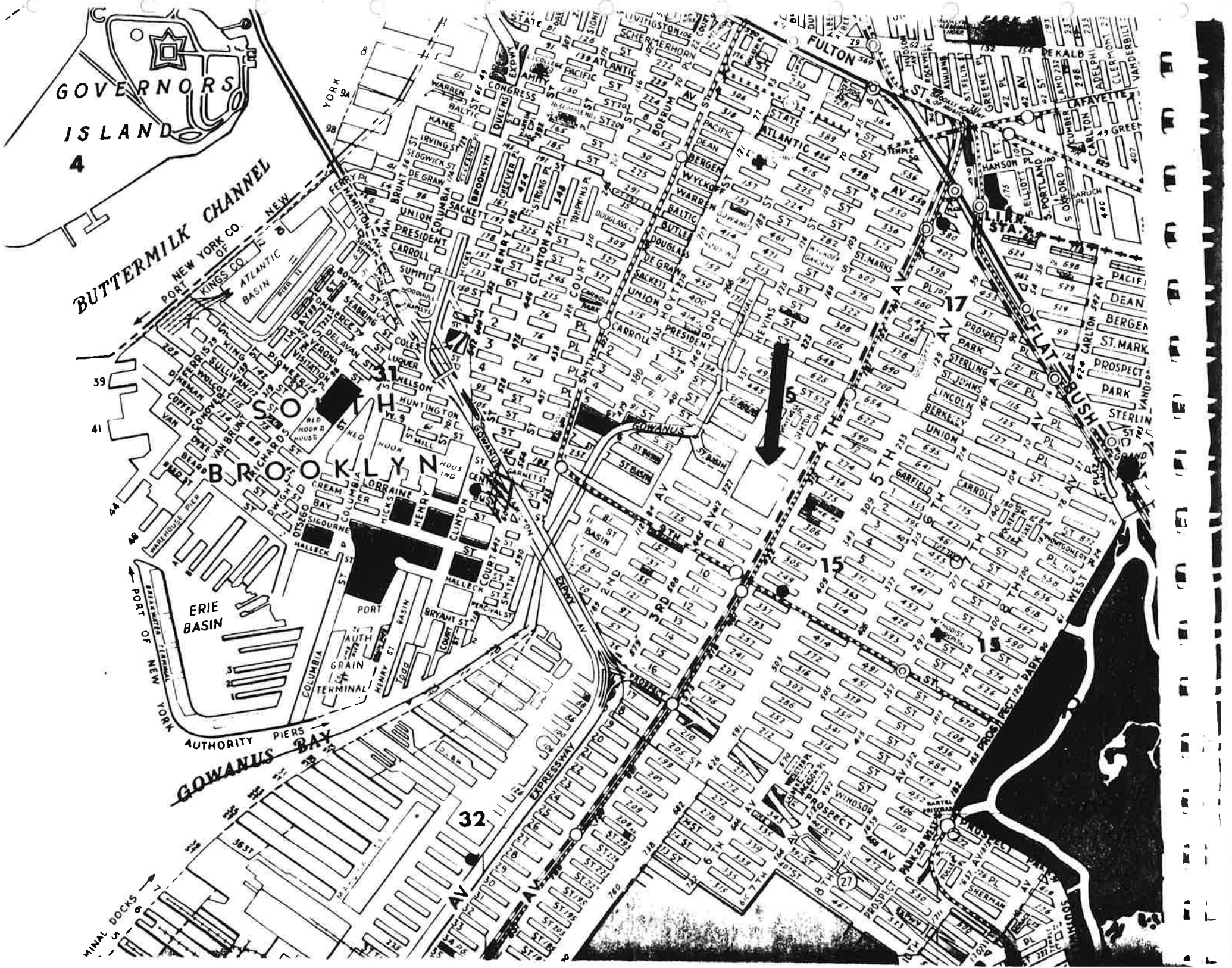
PICTURE # 5: View of Con Edison facility located across the street from subject property. Picture taken from 2nd Street.



PICTURE # 6: View of U-Haul Truck Rental located south of the subject property.

APPENDIX B:

SITE MAP


GOVERNORS ISLAND
4
BUTTERMILK CHANNEL
NEW YORK CO.
PORT OF
KINGS CO.
ATLANTIC BASIN
PIER 11
SOUTH BROOKLYN
RED HOOK HOUSING
ERIE BASIN
PORT OF NEW YORK AUTHORITY PIERS
GRAIN TERMINAL
GOWANUS BAY
GOWANUS EXPRESSWAY
GOWANUS CANAL
PROSPECT PARK
PROSPECT PARK WEST
FLATBUSH
FULTON
ATLANTIC
PACIFIC
DEAN
BERGEN
WYCKOFF
WARREN
BALTIC
BUTLER
DOUGLASS
DE GRAW
SACKETT
UNION
PRESIDENT
CARROLL
SUMMIT
SMITH
HOYT
BOND
NEVINS
HENRY
CLINTON
COURT
CARROLL PARK
ST MARKS
PROSPECT PARK
STERLING
ST JOHNS
LINCOLN
BERKELEY
GARFIELD
CARROLL
PARK
WINDSOR
SHERMAN
CARLTON
VANDERBILT
CLERMONT
ADELPHI
LAFAYETTE
DE KALB
GREENE
GREENE PL
ST FELIX
ASHLAND
RUTLAND
HANSON PL
S PORTLAND
S OXFORD
ELLIOTT PL
L.I.R.R. STA.
FT. GREENE PARK
BOERUM
FERRY PL
HAMILTON AV
VAN BRUNT
COLUMBIA
DELAVAN
VERONA
SEABRING
BOWNE
COMMERCE
IRVING SQ
SEDGWICK
IRVING
KANE
BROOKLYN
CHEEVER
STRONG PL
TOMPKINS
DOUGLASS
LUQUER
COLER
HUNTINGTON
MILL
GARNET
VANDERBILT
SIGOURNEY
HALLECK
BAY
CREAMER
LORRAINE
WICKS
HENRY
CLINTON
COURT
SMITH
BRYANT
PERCIVAL
HENRY
TODD
AUTH
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MARGINAL DOCKS
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WEST
EXPY
YORK

APPENDIX C:

PUBLIC INFORMATION

EXHIBIT 1
BUILDING RECORDS

THE CITY OF NEW YORK

HOUSING AND DEVELOPMENT ADMINISTRATION

DEPARTMENT OF BUILDINGS

CERTIFICATE OF OCCUPANCY

BOROUGH

DATE: MAY - 6 1974 NO. 210614

This certificate supersedes C.O. No. 116243 ZONING DISTRICT M1-2

THIS CERTIFIES that the ~~new~~ altered ~~existing~~ building—premises located at 252/258 34 Street Block 980 Lot 19

CONFORMS SUBSTANTIALLY TO THE APPROVED PLANS AND SPECIFICATIONS AND TO THE REQUIREMENTS OF ALL APPLICABLE LAWS, RULES AND REGULATIONS FOR THE USES AND OCCUPANCIES SPECIFIED HEREIN

PERMISSIBLE USE AND OCCUPANCY

STORY	LIVE LOAD LBS. PER SQ. FT.	MAXIMUM NO. OF PERSONS PERMITTED	ZONING DWELLING OR ROOMING UNITS	BUILDING CODE HABITABLE ROOMS	ZONING USE GROUP	BUILDING CODE OCCUPANCY GROUP	DESCRIPTION OF USE
Cellar	ground	-	-	-	-	-	Boiler Room
First	ground & 120#	20	-	-	17 16	-	Factory (metal plating) Motor vehicle repair shop (including body and fender work, paint spraying, & acetylene welding)

Total: As Stated Above

Certificate of Appeoval #15762 issued January 23, 1974

(Old Code)

Performance Standards applicable in an M1 District to be fully complied with.

OPEN SPACE USES _____

(SPECIFY—PARKING SPACES, LOADING BERTHS, OTHER USES, NONE)

NO CHANGES OF USE OR OCCUPANCY SHALL BE MADE UNLESS A NEW AMENDED CERTIFICATE OF OCCUPANCY IS OBTAINED

THIS CERTIFICATE OF OCCUPANCY IS ISSUED SUBJECT TO FURTHER LIMITATIONS, CONDITIONS AND SPECIFICATIONS NOTED ON THE REVERSE SIDE.

Philip E. Olsen

BOROUGH SUPERINTENDENT

COMMISSIONER

THE CITY OF NEW YORK
HOUSING AND DEVELOPMENT ADMINISTRATION
DEPARTMENT OF BUILDINGS

ORIGINAL

RECEIVED
NOV 9 1968
DEPT. OF BUILDINGS

MANHATTAN ☐ Municipal Bldg. New York, N.Y. 10007 | BROOKLYN ☐ Municipal Bldg. Brooklyn, N.Y. 11201 | BRONX ☐ 1932 Arthur Avenue Bronx, N.Y. 10457 | QUEENS ☐ 126-06 Queens Blvd. Kew Gardens, N.Y. 11415 | RICHMOND ☐ Boro Hall St. George, S.I., N.Y. 10301

Notice – This Application must be TYPEWRITTEN and Filed in QUADRUPLICATE

ALTERED BUILDING APPLICATION

PLICATION FOR APPROVAL OF PLANS

No work may be started until a separate rk Permit is obtained.)

ALT 2030-68

OCK 980
19

TION 252/258 3rd Street, South side, 200'-0" East of 3rd Avenue - Brooklyn
House Number, Street, Distance from Nearest Corner and Borough

G: (a) District M1-2 (b) Map No. 16c

4. PROPOSED WORK UNDER:
(a) (OLD) 1938 BUILDING CODE YES
(b) (NEW) 1968 BUILDING CODE

GHT 14'-0" (b) No. of Stories one

FICATION OF BUILDING:
POSED: Occupancy Group Construction Class
STING: Occupancy Group Construction Class III Classified 1946 (Year)

a New Certificate of Occupancy be Required? Yes ☒ No ☐

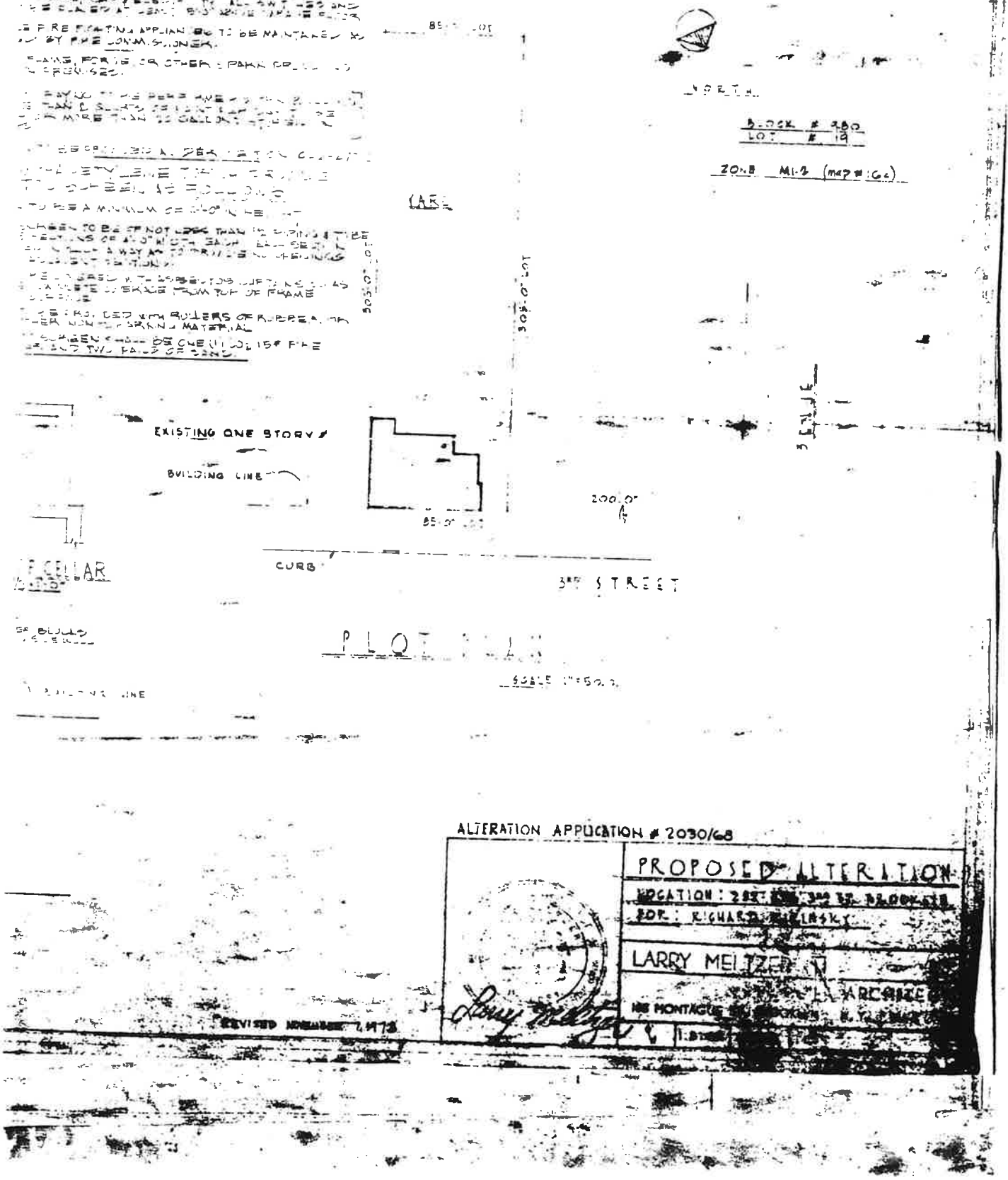
UPANCY IN DETAIL:

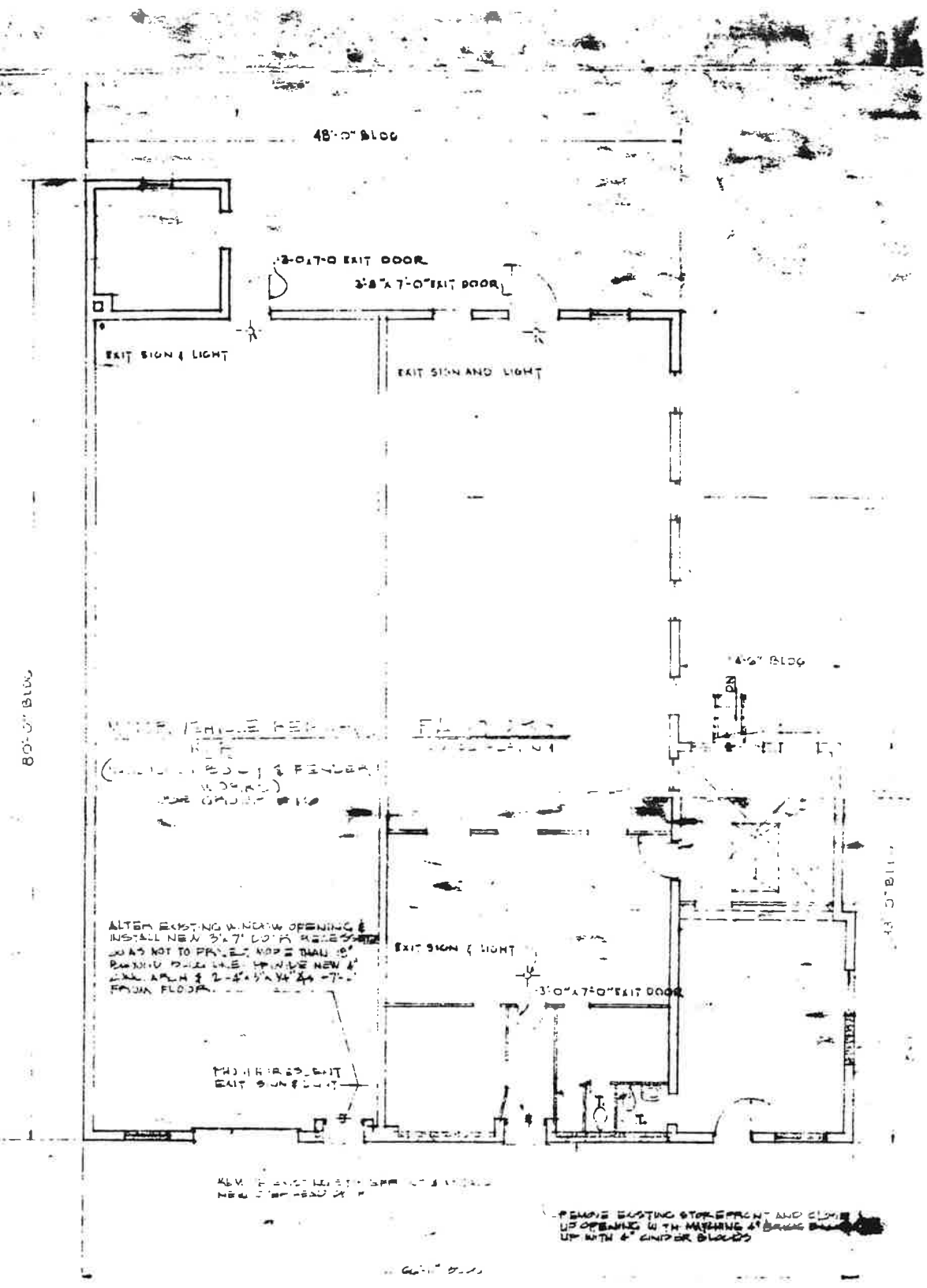
(a) EXISTING LEGAL USE			(b) PROPOSED OCCUPANCY						
					Zoning Resolution		Building Code		
Apts.	Rooms	USE	No. of Persons	Live Load (PSF)	Dwelling or Rooming Units	Use Group	Habitable Rooms	Occupancy Group	USE
		boiler room		gnd					boiler room
		soap factory and	20	gnd		17			factory (metal plating)
		offices		& 120#		16			motor vehicle repair shop (including body and fender work, paint spraying, oxy-acetylene welding)
									Performance Standards Applicalbe in an
									M1 District to be fully complied with.

NG CERTIFICATE OF OCCUPANCY NUMBER CO#116243 (Alt#637/46)

PACES (Sq. Ft.)
KING:
DING BERTHS:
ER OPEN SPACES:

11. LIMITATIONS OR RESTRICTIONS: none
(a) BOARD OF STANDARD AND APPEALS CAL. NO.
(b) CITY PLANNING COMMISSION CAL. NO.
(c) OTHERS:


NORTH
BLOCK # 280
LOT # 19
ZONE M1-2 (map # 16c)
LANE
30'-0" LOT
EXISTING ONE STORY
BUILDING LINE
200'-0"
CURB
3RD STREET
PLOT PLAN
ALTERATION APPLICATION # 2030/68
PROPOSED ALTERATION
LARRY MELTZER
REVISED NOVEMBER 4 1968



EXISTING SIZES CUT
DOC # 32175 ISSUED 7-12-73

1ST FLOOR PLAN

SCALE 1/8" = 1'-0"

APPENDIX C:

PUBLIC INFORMATION

EXHIBIT 2
SANBORN FIRE INSURANCE MAP
1951

CONSOLIDATED EDISON CO OF N Y INC

3RD AV.

ST.

380

USED AUTO SALES

ATTNG EQUIPMENT W MO

COAL POCKETS 25 MCN

STORAGE

LOFT

OWNERS CRN WRHS

BUILDING CONTRACTS

PARKING

STAGE

FOUNDRY

BOILER

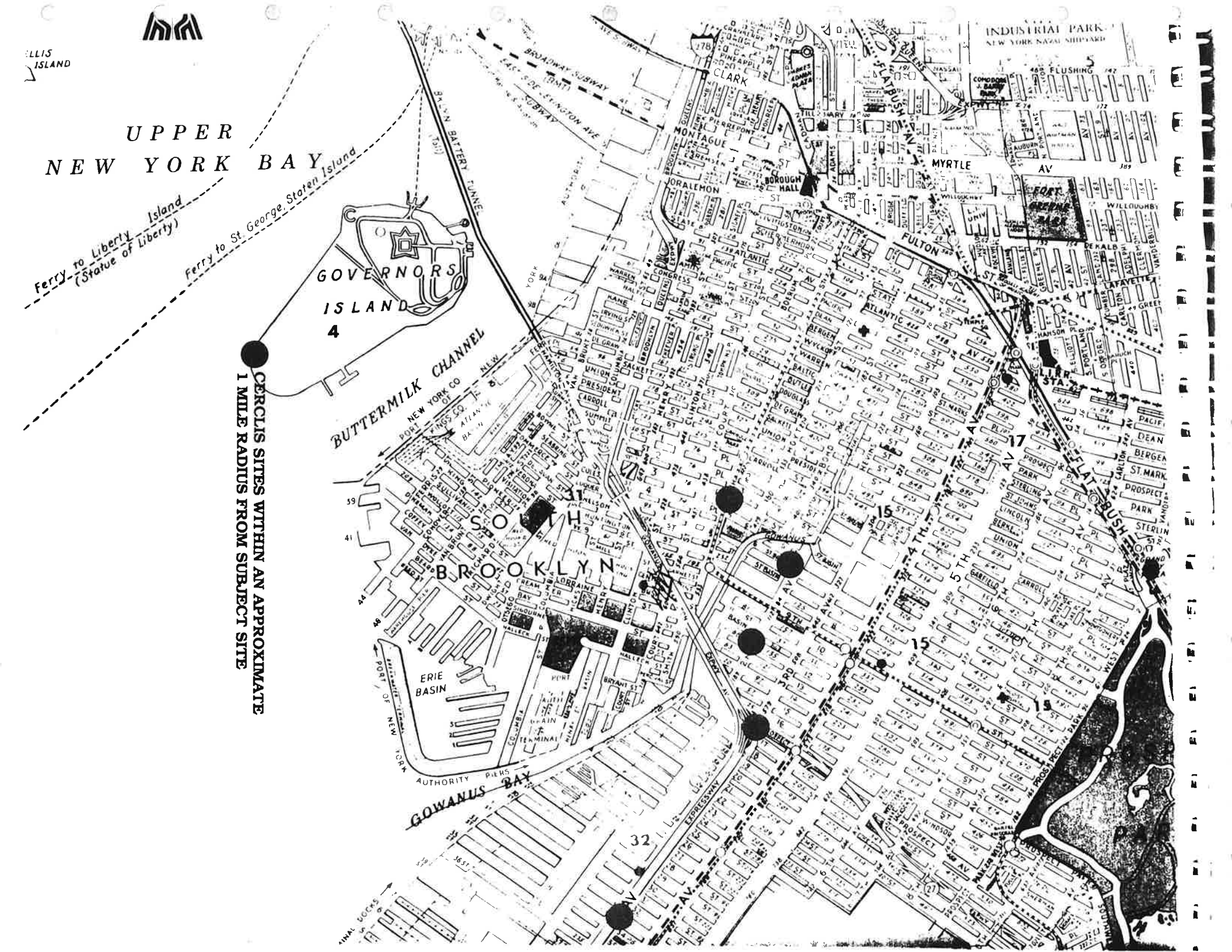
MARKET

APPENDIX C:

PUBLIC INFORMATION

EXHIBIT 3

CERCLIS SITES WITHIN AN APPROXIMATE 1 MILE RADIUS
&
NYSDEC INACTIVE HAZARDOUS WASTE DISPOSAL REPORT



CERCLIS SITES WITHIN AN APPROXIMATE 1 MILE RADIUS FROM SUBJECT SITE

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

CLASSIFICATION CODE: 2a REGION: 2 SITE CODE: 224012
EPA ID:

NAME OF SITE : Carroll Gardens
STREET ADDRESS: Corner of 5th St. and Smith St.
TOWN/CITY: COUNTY: ZIP:
Brooklyn Kings

SITE TYPE: Open Dump-X Structure- Lagoon- Landfill- Treatment Pond-
ESTIMATED SIZE: 6 + - Acres

SITE OWNER/OPERATOR INFORMATION:
CURRENT OWNER NAME....: City of NY, Division of Real Prop.
CURRENT OWNER ADDRESS.: 2 Lafayette St., New York, NY
OWNER(S) DURING USE...: Unknown
OPERATOR DURING USE...:
OPERATOR ADDRESS.....:
PERIOD ASSOCIATED WITH HAZARDOUS WASTE: From Unknown To

SITE DESCRIPTION:
This site was formerly owned by the Brooklyn Union Gas Company, which operated a coal gasification plant. It is believed that products from previous operations may have been disposed of at this site. The site is currently vacant and located in a mixed industrial/residental area. Single family homes and a concrete product manufacturing plant are adjacent to the site. At one time, residental housing was proposed for construction at this location. The lot is littered with debris piles, cinder blocks, old lumber, and at least fourteen 55-gallon drums embedded in concrete.
A determination of the contents of these drums could not be made. The field work for a Phase II State Superfund investigation was completed in 1989. A draft report is under review.

HAZARDOUS WASTE DISPOSED: TYPE	Confirmed-	Suspected-X QUANTITY (units)
Methylene Chloride		Unknown
Tetrachloroethylene		
Toluene		

16

ANALYTICAL DATA AVAILABLE:
Air- Surface Water-X Groundwater-X Soil-X Sediment-

CONTRAVENTION OF STANDARDS:
Groundwater-X Drinking Water- Surface Water-X Air-

LEGAL ACTION:

TYPE..: State- Federal-
STATUS: Negotiation in Progress- Order Signed-

REMEDIAL ACTION:

Proposed- Under design- In Progress- Completed-
NATURE OF ACTION:

GEOTECHNICAL INFORMATION:
SOIL TYPE: Till, Sand, and Clay.
GROUNDWATER DEPTH: 11-19 feet.

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:

Environmental problems not established.

ASSESSMENT OF HEALTH PROBLEMS:

Vacant portions of the site are not fenced. The site is located in a densely populated residential and commercial area. There is evidence of continued trespass and illegal dumping. The site contains 55 gallon drums and other debris. The soil and groundwater are impacted with volatile and semi-volatile organic compounds in the parts per million range. The Gowanus Canal is impacted with these compounds up to 420 ug/l at points upstream and downstream of the site. The contribution of the site to surface water contamination is not clear. The groundwater in the area is not used for drinking water purposes an the whole area is served by the New York City water system. The groundwater may discharge to the canal and into Upper New York Bay. Occasional trespassers could be exposed to contaminated soil and to drum contents, if any. DEC has directed a consultant to investigate the drums further and report the results in the final Phase II Report to determine what future action is required.

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

CLASSIFICATION CODE: 2a REGION: 2 SITE CODE: 224007
EPA ID: NYD980768733

NAME OF SITE : Hamilton Avenue Piers/19th & 18th St.
STREET ADDRESS: Rear of 566 Hamilton Ave.
TOWN/CITY: Brooklyn COUNTY: Kings ZIP: 11232

SITE TYPE: Open Dump- Structure- Lagoon- Landfill-X Treatment Pond-
ESTIMATED SIZE: Acres

SITE OWNER/OPERATOR INFORMATION:
CURRENT OWNER NAME....: Public Development Corporation
CURRENT OWNER ADDRESS.: 161 Williams Street, New York, NY
OWNER(S) DURING USE...: Unknown
OPERATOR DURING USE...:
OPERATOR ADDRESS.....:
PERIOD ASSOCIATED WITH HAZARDOUS WASTE: From 1974 To 1979

SITE DESCRIPTION:
Information received in a letter dated November 24, 1982 from the Brooklyn District Attorney's Office indicates hazardous wastes were disposed of at the foot of 17th and 18th streets, off Hamilton Ave. in Brooklyn. The piers at the end of these streets, behind Jetro Foods were filled in from 1974 to 1979. It is alleged that, over a period of time, hazardous wastes were regularly spread on the landfill during the night.

Field work for the Phase II State Superfund investigation was completed in 1989. Additional investigation is planned.

HAZARDOUS WASTE DISPOSED: Confirmed- TYPE	Suspected-X QUANTITY (units)
Waste fuel oils, industrial oil lubricating oil, wastewater, metals, xylene, lacquers, benzene, toluene, cyanide, ethyl benzene, diethyl phthalate, alkyd phenols. pcbs, dibenzofurane, polynuclear aromatic hydocarbons, napthalene, vinyl chloride, chlorobenzene.	Unknown

ANALYTICAL DATA AVAILABLE:
Air- Surface Water- Groundwater-X Soil-X Sediment-

CONTRAVENTION OF STANDARDS:
Groundwater- Drinking Water- Surface Water- Air-

LEGAL ACTION:

TYPE..: None State- Federal-
STATUS: Negotiation in Progress- Order Signed-

REMEDIAL ACTION:

Proposed- Under design- In Progress- Completed-
NATURE OF ACTION:

GEOTECHNICAL INFORMATION:
SOIL TYPE: Till and Sand.
GROUNDWATER DEPTH: 12-15 feet.

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:

Potential to contaminate Gowanus Canal

ASSESSMENT OF HEALTH PROBLEMS:

APPENDIX C:

PUBLIC INFORMATION

EXHIBIT 4
FREEDOM OF INFORMATION REQUEST

AQUATERRA
Environmental Services Corp.
79 Fifth Ave., 12th Floor, New York, NY 10003 Tel. (212) 675-8200 Fax (212) 242-0368

March 25, 1991

Ms. Maria Dooley
Freedom of Information Officer
NYC Department of Environmental Protection
1 Center Street, Rm. 2358
New York, New York 10007

RE: FREEDOM OF INFORMATION REQUEST
RECORDS OR REPORTED SPILLS OF HAZARDOUS MATERIALS
FOR:

1. **THE BLOCK BOUNDED BY 3RD STREET, 6TH STREET, 3RD AVENUE AND 4TH AVENUE IN BROOKLYN, NEW YORK**
2. **252 3RD STREET BROOKLYN, NEW YORK**

Dear Ms. Dooley:

Our office is interesting in obtaining any information the New York City Department of Environmental Protection may have regarding responses to any incidents, or knowledge of information concerning hazardous materials activity at the above captioned location.

Please be kind enough to notify me in writing if the aforementioned information is available. Any assistance in this matter is greatly appreciated. If you have any questions or need further information please do not hesitate to contact me.

Thank you.

Sincerely,

S. Wanigasinghe

Santha Wanigasinghe
Environmental Associate
AquaTerra Environmental Services Corp.

City of New York
Department of
Environmental Protection
Bureau of Environmental Management
[illegible] Municipal Building, New York, [illegible]
[illegible]

April 12, 1991

Aqua Terra
Environmental Services Corp.
Attn: Santha Wanigasinghe
79 Fifth Avenue 12th Floor
New York, New York 10003

Re: 3rd st, 6th st bounded by 3rd & 4th Ave
Brooklyn, NY

252 3rd St
Brooklyn, NY

Dear Mr. Wanigasinghe:

In response to your letters of March 7 & 25, 1991, the Division of Hazardous Materials Programs has responded to several incidents with regard to the first area referenced above. Enclosed are copies of our reports.

With regard to the other locations, we have no knowledge of information concerning hazardous materials activity at these sites.

If I can be of any further assistance, please do not hesitate to contact me.

Sincerely,

Lisa Andersen

Lisa Andersen
Division of Hazardous
Materials Programs

This is 100% recycled paper

NYC DEP BEM DHMP
1 CENTRE STREET - ROOM 2444
NEW YORK, NEW YORK 10007
(212)669-8930 ATT: L.ANDERSEN

SRR TEXT

860728/7/0310 SIT: DOS IG ASKED DEP TO INVESTIGATE AN ABANDONED TAKER AT 3RD AVE. & 3RD ST.
OBSER: TANKER WAS NEWLY PAINTED GREEN AND BLUE. IT HAD FLAMMABLE PLACARDS. IT CONTAINED 5 COMPARTMENTS. ALL FIVE COMPARTMENTS WERE TOTALLY M-T.
ACTION TAKEN: INFORMED DOS I.G.

3RD St + 3RD Ave
Bklyn. NY

NYC DEP BEM DHMP
1 CENTRE STREET - ROOM 2444
NEW YORK, NEW YORK 10007
(212)669-8930 ATT: L.ANDERSEN

SRR TEXT

890921/7/0776 SIT: ORIGINALLY CALLED AS 2 x 30 GALLON DRUMS (OF 10) FILLED WITH MATERIAL LEFT IN AN ABANDONED TRUCK.
OBSER: THE TRUCK CONTAINED OVER 25 -55 GALLON DRUMS MOSTLY M/T. THE 2 FULL DRUMS WERE NOT LOCATED HOWEVER ENGINE/AXLE GREASE WAS PREVALENT IN THE TRUCK. ALSO A FULL 5-GALLON CAN OF MINERAL OIL WAS FOUND.
ACTION: CHLOR-N-OIL 50 TESTS WERE PERFORMED ON THE MINERAL OIL AND AXLE GREASE. READINGS WERE NEGATIVE. CGI READINGS IN THE TRUCK WERE NEGATIVE AS WELL. REFERRED BACK TO DOS.

320 St, 3RD Ave & Thi Gowanus

Bklyn. Ny.

NYC DEP BEM DHMP
1 CENTRE STREET - ROOM 2444
NEW YORK, NEW YORK 10007
(212)669-8930 ATT: L.ANDERSEN

SRR TEXT

860509/7/0183 SITUATION: THE FD REQUESTING A CHEMIST AT THE ABOVE LOCATION.

OBSERVATION: T. NABAVI DISCOVERED 1/55 GALLON DRUM LABELED "TRICHLOROETHYLENE", NO OTHER MARKING WAS PRESENT. THE DRUM CONTAINED APPROXIMATELY 10 GALLONS OF LIQUID MATERIAL.

ACTION TAKEN: A SAMPLE WAS TAKEN AND SHOWED TO BE A DETERGENT. pH = 7, NON-FLAMMABLE, NO ODOR WAS PRESENT AND IT WAS IN ONE PHASE (LIQUID, WITH SOAP SUDS ON TOP). THE MATERIAL WAS NON-HAZARDOUS DUE TO THE ABOVE, AND DISPOSED VIA STORM-SEWER. FD AND PD AND DEP APPROVED THE DISPOSAL METHOD.

102 3rd St
Bklyn, NY

AQUATERRA
Environmental Services Corp.
79 Fifth Ave., 12th Floor, New York, NY 10003 Tel. (212) 675-8200 Fax (212) 242-0368

April 12, 1991

Mr. LaGraotta
NYC Department of Environmental Protection
Bureau of Wastewater Treatment
Industrial Waste Control Section
Wards Island, New York 10035

RE: FREEDOM OF INFORMATION REQUEST
BARRET PLATING
254 3RD STREET
NEW YORK, NEW YORK
AT91-PA-031

Dear Mr. LaGraotta:

As part of a Phase I Environmental Investigation for the current property owner, our office is compiling information for the property located at 252-258 3rd Street, Brooklyn, New York. We are interested in obtaining any information the New York City Department of Environmental Protection, Bureau of Wastewater Treatment may have regarding the property, including but not limited to discharges, violations, laboratory analysis for waste water discharges.

I spoke to Ms. Helen Mahoney from your office who was of great assistance to me in this matter. Any assistance that you can provide is greatly appreciated. If you have any questions or need further information please do not hesitate to contact me.

Thank you.

Sincerely,

Santha Wanigasinghe
Environmental Associate
AquaTerra Environmental Services Corp.

cc: AT91-PA-031/FOI

APPENDIX C:

PUBLIC INFORMATION

EXHIBIT 5:

QUESTIONNAIRE

AQUATERRA
Environmental Services Corp.
79 Fifth Ave., 12th Floor, New York, NY 10003 Tel. (212) 675-8200 Fax (212) 242-0368

TO: MR. ALFRED J. SIDEMAN

FROM: SANTHA WANIGASINGHE
AQUATERRA ENVIRONMENTAL SERVICES CORP

RE: PHASE I AUDIT 252 3RD STREET, BROOKLYN, NEW YORK

DATE: APRIL 12,1991

As per our telephone conversation, the purpose of this memo is to obtain additional background information to complete the above referenced Phase I Audit. Please be kind enough to answer the following questions for us:

1. Does the lot inspected and currently used as a Con Edison parking facility include 258, 256, 254 as well as 252 3rd Street?
2. Did the metal plating and auto body repair facility(building/structures) occupy the entire lot?

   If no, were there any unpaved areas on the lot?

   If there were any unpaved areas on the lot please indicate area, if possible?
3. What type of metal plating was conducted on-site (i.e. Chrome plate, Cadmium plating)?
4. Amount of work (plating) done in year/month?
5. Amount of waste generated from the metal plating process?
6. Method of disposal for waste generated from metal plating as well as auto repair?

7. When the building was demolished in 1974 was the entire structure including the cellar demolished?

8. Was the construction debris disposed of off-site?

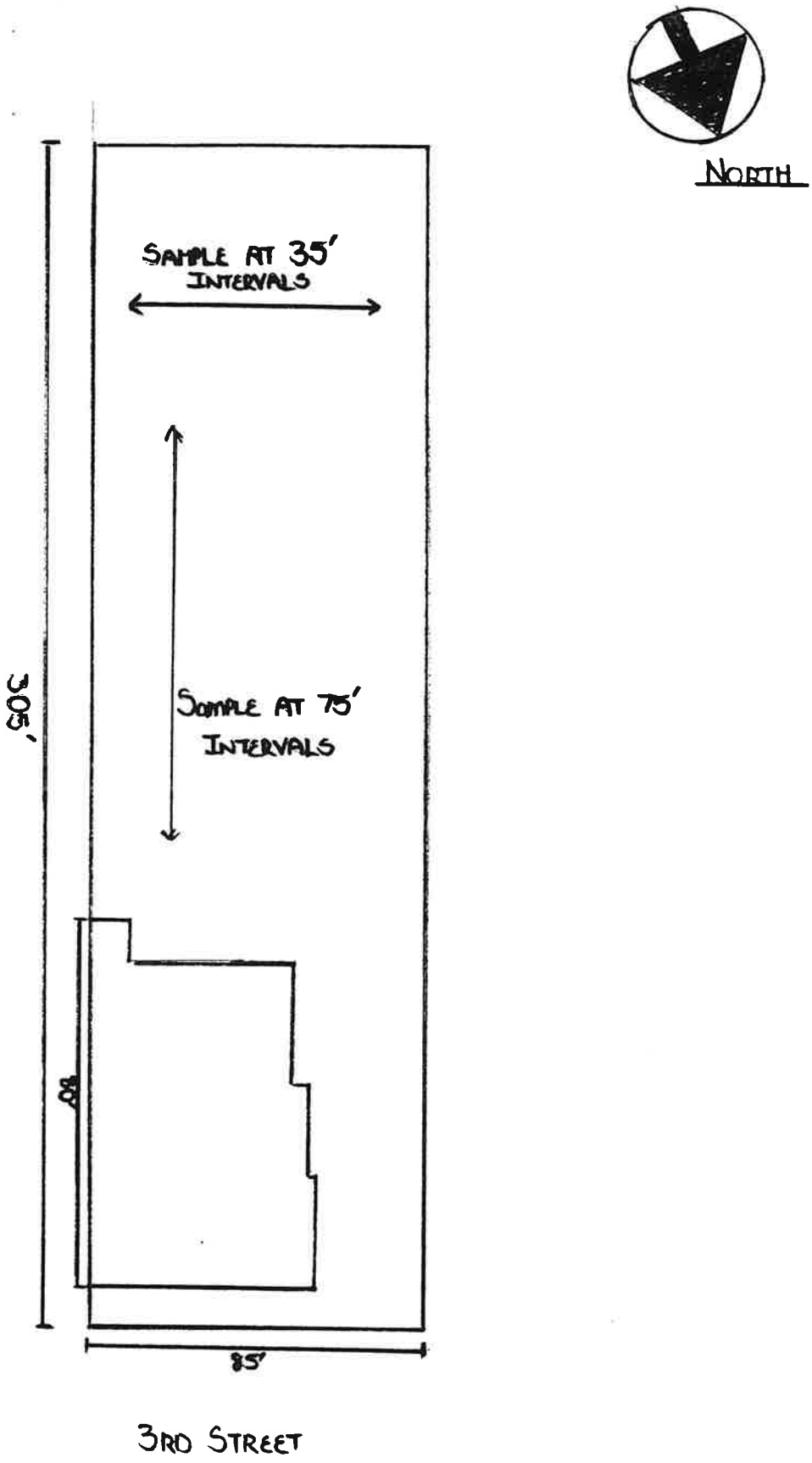
9. Was the lot filled with new soil brought to the site?

10. If available, the ownership entity or individual the property was purchased from? Trail of Ownership.

Mr. Sideman if you should have any questions regarding this memo, please do not hesitate to contact me.

APPENDIX D:

SAMPLING PLAN


NORTH
SAMPLE AT 35'
INTERVALS
SAMPLE AT 75'
INTERVALS
305'
85'
3RD STREET

AQUATERRA

Environmental Services Corp

PHASE II
ENVIRONMENTAL AUDIT

252-258 3RD STREET
BROOKLYN, NEW YORK
AT91-P2-008

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AquaTerra Environmental Services Corp.

501 Fifth Avenue, Suite 1900, New York, NY 10017 Phone: 212-983-4373 FAX: 212-986-3020

EXECUTIVE SUMMARY

AquaTerra's Phase II Environmental Audit of the property located at 252-258 3rd Street, Brooklyn, New York, found small amounts of Volatile Organic Compounds (VOC) and TCLP Metal contaminants in the soil samples collect from the property. VOC contaminants detected included methylene chloride, m,p,o-xylene, toluene and chlorobenzene. TCLP Metal contaminants detected included lead, barium, arsenic and chromium.

The amounts of VOC and Metal contaminants detected in soil sample analyses conducted to date, were found to be below current and/or proposed regulatory levels set by United States Environmental Protection Agency (USEPA) and the New York State Department of Environmental Conservation (NYSDEC).

Based on a review of analytical data and current and proposed regulatory guidelines, as well as interviews with NYSDEC and USEPA officials, no further action is recommended at this time.

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SECTIONS:		PAGE #
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II.	PROPERTY DESCRIPTION	1
III.	SITE HISTORY	3
IV.	SAMPLING PLAN	3
V.	SAMPLE COLLECTION AND ANALYSIS	6
VI.	SAMPLE RESULTS	6-11
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LABORATORY ANALYTICAL DATA	APPENDIX A

I. INTRODUCTION:

AquaTerra Environmental Services Corporation was retained by Mr. Richard Zirinsky to conduct a Phase II Environmental Audit of the property located at 252-258 3rd Street, Brooklyn, New York for Marine Midland Bank. The Phase II Environmental Audit scope of work were as that prescribed by AquaTerra's Phase I Environmental Audit.

AquaTerra's Phase I Environmental Audit concluded that the subject property, at present a parking lot, was the site of a metal plating and auto-body repair facility from 1968 to 1974 and approximately 85% of the lot was unpaved during the tenant's occupation of the property.

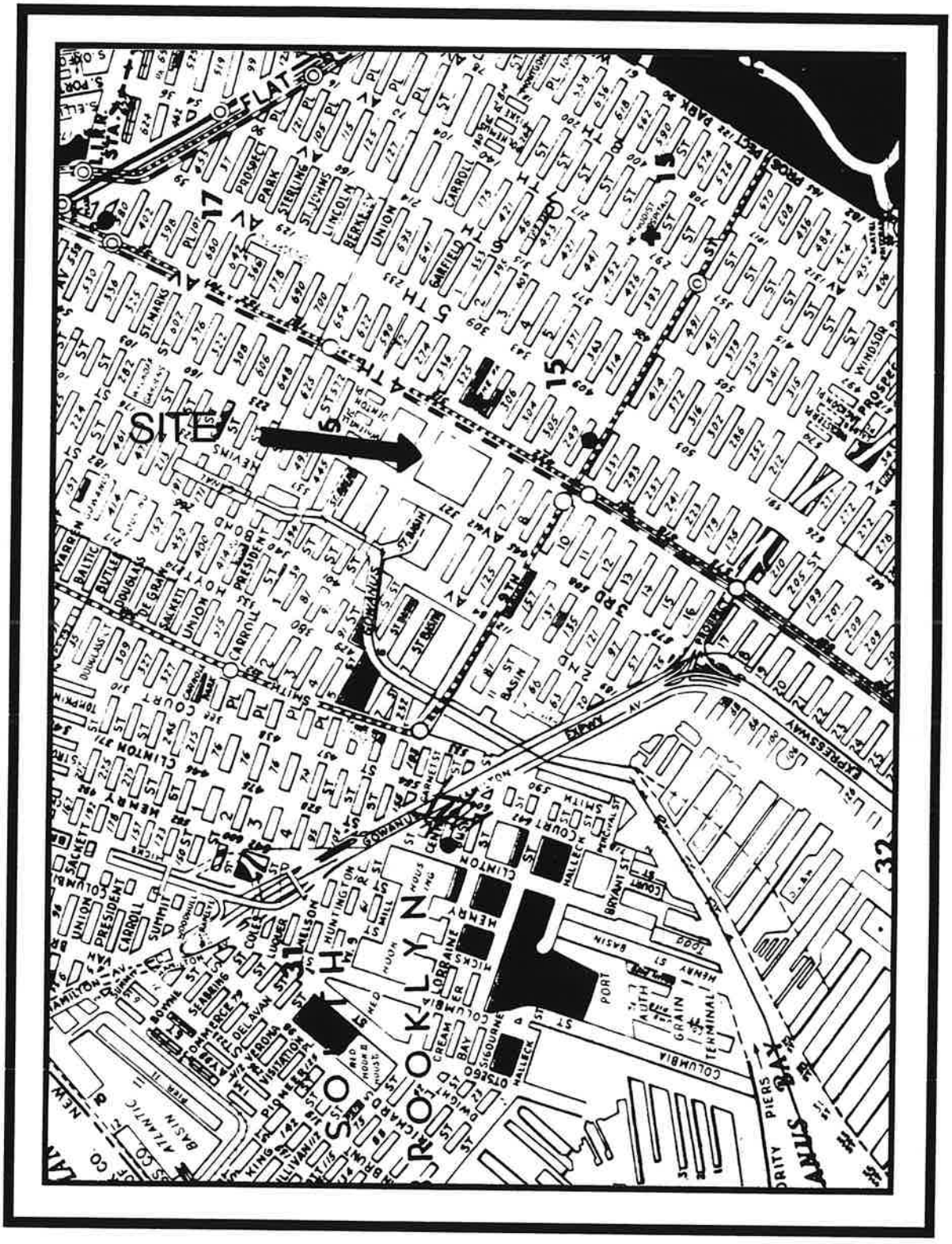
Given the operational history of the site from 1968 to 1974 and the large unpaved area on the property, the Phase I Audit report concluded that the potential for contamination above background levels resulting from spillage or release of chemicals and waste may exist on the property. The report recommended that soil sampling be conducted on the subject property to determine if contaminants such as VOC and metals are present in the soil. Sampling of the the soils was recommended on the portion of the property which was not occupied by the building at a depth between 2 and 5 feet.

AquaTerra's Phase II Environmental Audit included the development of a sampling plan incorporating a biased and systematic sampling strategy and the collection of soil samples from designated areas. A total of eleven sampling locations were designated and twenty-two discreet samples were collected for laboratory analyses of VOC and TCLP Metals.

II. PROPERTY DESCRIPTION:

The subject property, designated as tax block 980, tax lot 19, is located at 252 3rd Street between 3rd Avenue and 4th Avenue in Brooklyn, New York. Please refer to Figure 1, Site Location Map. The subject lot measures approximately 26,000 square feet and is enclosed within a chain link fence along the north, south and west sides of the property and is abutted by a brick building to the east. There are no buildings or structures on the subject property. The ground cover of the lot is gravel over packed dirt and fill material that includes stones and brick. The property is currently leased to Consolidated Edison Co. and is used as a parking facility for Consolidated Edison Co.'s employees.

FIGURE 1: SITE LOCATION MAP



III. SITE HISTORY:

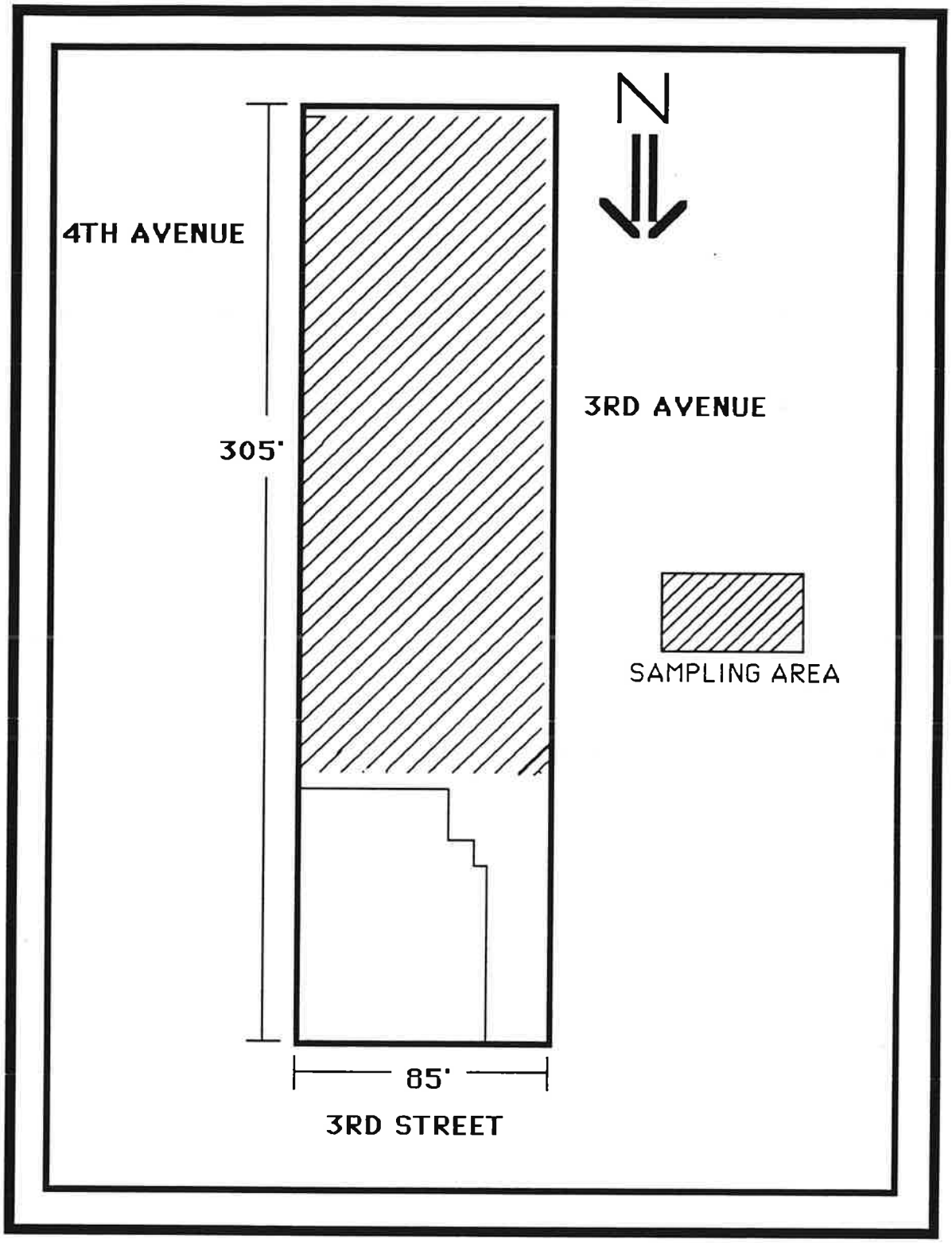
A review of records for the subject property at the Kings County Department of Buildings indicated that a one story building with cellar once occupied the subject property and was subsequently demolished in 1974. The building was used as a soap manufacturing factory as far back as 1951 and was subsequently altered in 1968 into a metal plating and auto-body repair facility.

A questionnaire submitted by AquaTerra to Mr. Richard Zirinsky and Mr. Alfred Sideman to determine the operational activity of the metal plating and auto-body repair facility determined that the metal plating and auto-body repair facility occupied approximately 4,000 square feet of the 26,000 square foot lot. The remainder of the lot was unpaved. The entire building including the cellar was demolished in 1974, and all construction debris was disposed of off-site. The excavated area was filled in with a combination of new soil, regraded soil and construction debris.

IV. SAMPLING PLAN:

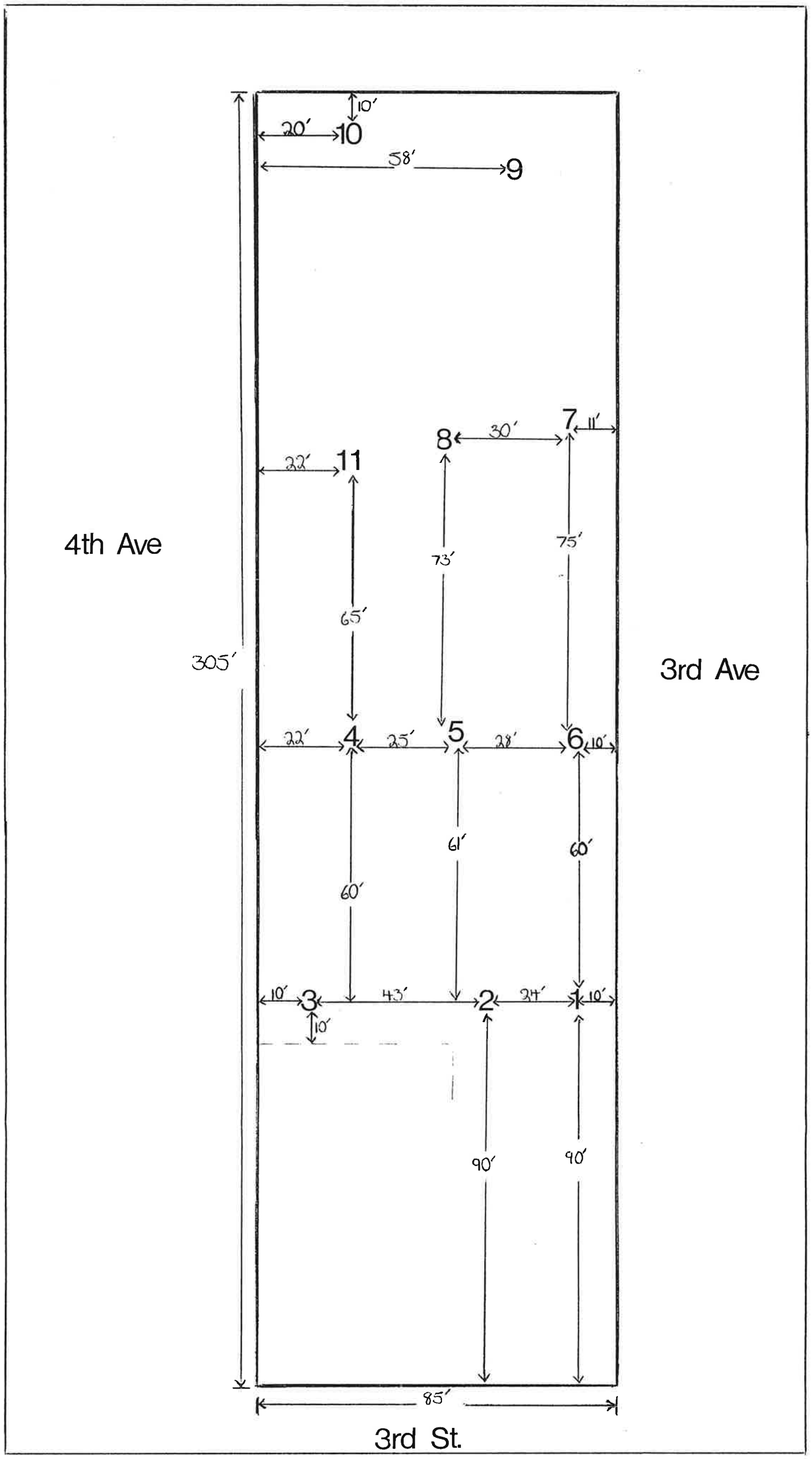
A sampling plan incorporating a biased and systematic sampling strategy was developed by AquaTerra to collect the necessary samples from the subject site. A biased sampling strategy was employed to limit the sampling area to those areas noted to be unpaved and not occupied by the building housing the metal plating and auto-body repair shop. The sampling area was defined using building records and interviews cited in the Phase I Environmental Audit. Please refer to Figure 2, Sampling Area Map. Once the sampling area was defined a systematic sampling strategy was employed to designate specific sample locations. The initial sampling plan proposed samples to be collected at approximately 60-70 foot intervals going north to south, and approximately 30 foot intervals going east to west. However, because of field conditions, including subsurface obstructions and construction materials, modifications in the sampling locations were implemented. Please refer to Figure 3 for soil boring and sample collection locations.

FIGURE 2: SAMPLING AREA



NOTE: NOT TO SCALE

SAMPLING PLAN 2


10'
20'
10
58'
9
7
11'
8
30'
11
22'
4th Ave
73'
75'
65'
305'
3rd Ave
22'
4
25'
5
28'
6
10'
61'
60'
60'
10'
3
43'
2
34'
1
10'
10'
90'
90'
85'
3rd St.

V. SAMPLE COLLECTION AND ANALYSIS:

A total of 11 soil borings were conducted on the subject property. All soil borings were developed using a 8 inch drill bit advanced to the desired depth of 3 feet with a drill rig. Once the desired depth of 3 feet was obtained, a decontaminated spilt spoon sampler was advanced by the drill rig. Upon retrieval of the spilt spoon sampler, the sampler was opened and its contents were immediately transfered into a laboratory supplied clean sampling bottle with a discrete teflon spoon. During the drilling activity, AquaTerra routinely screened the drill cuttings and soil boring hole with a photo ionizing detector, Thermo-Environmental Instruments 580B OVM.

A total of 22 soil samples were collected from the 11 soil borings noted in Figure 2. Of the 22 samples collected, 11 samples were collected and sent for laboratory analysis of VOC (EPA method 8240), and 11 samples were collected and sent for laboratory analysis of TCLP metals (EPA method 1311, 200 Series). In addition, field blanks for VOC and TCLP metals were submitted to the laboratory for Quality Assurance/Quality Control (QA/QC) purposes. All samples collected were submitted to First Environmental Laboratories and subsequently transferred to Accredited Laboratories, Inc., NYSDEC #11109. Chain of Custody (C.O.C) procedures were followed from the point of sample generation to the laboratory receiving the samples for analysis.

VI. SAMPLE RESULTS:

The analytical results for VOC and TCLP metals detected can be found on Table 1 (VOC) and Table 2 (TCLP metals). The complete analytical data can be found in Appendix A.

A. Volatile Organic Compounds:

A review of the analytical data found detectable levels of methylene chloride in soil boring locations 2 through 11. In addition, chlorobenzene was found in soil location 9 and 11, and m,p and o xylene was found in soil boring location 2.

TABLE 1

VOLATILE ORGANIC COMPOUND RESULTS

252-258 3RD STREET
BROOKLYN, NEW YORK

LOCATION	VOLATILE ORGANIC C COMPOUNDS	LAB RESULTS (PPB)	EPA ACTION LEVEL HEAST* HEALTH STANDARDS	NYSDEC REGULATORY LEVELS	NYSDEC ALLOWABLE CONCENTRATION IN SOIL (PPB)**
LOCATION 1	NO VOC COMPOUNDS FOUND ABOVE MINIMUM DETECTABLE LIMIT (MDL)	----------	----------	----------	----------
LOCATION 2	METHYLENE CHLORIDE	6 PPB	93 PPM	NO LEVELS LISTED	0.04 PPB
	M,P-XYLENE	11 PPB	$2.0X10^5$ PPM	NO LEVELS LISTED	12 PPB
	0-XYLENE	7 PPB	$2.0X10^5$ PPM	NO LEVELS LISTED	12 PPB
LOCATION 3	METHYLENE CHLORIDE	6 PPB	93 PPM	NO LEVELS LISTED	0.04 PPB
LOCATION 4	METHYLENE CHLORIDE	8 PPB	93 PPM	NO LEVELS LISTED	0.04 PPB
LOCATION 5	METHYLENE CHLORIDE	8 PPB	93 PPM	NO LEVELS LISTED	0.04 PPB
LOCATION 6	METHYLENE CHLORIDE	7 PPB	93 PPM	NO LEVELS LISTED	0.04 PPB

* NOTE: VALUES OBTAINED FROM USEPA HEALTH EFFECTS ASSESSMENT SUMMARY TABLE (HEAST) REPORT FOR HUMAN DIRECT INGESTION SOIL CONCENTRATIONS.

**NOTE: VALUES DERIVED FROM "WATER -SOIL PARTITION THEORY " MODEL / $Cs=F \times Koc \times Cw$

TABLE 1 [CONTINUED]

VOLATILE ORGANIC COMPOUND RESULTS

252-258 3RD STREET
BROOKLYN, NEW YORK

LOCATION	VOLATILE ORGANIC C COMPOUNDS	LAB RESULTS (PPB)	EPA ACTION LEVEL HEAST* HEALTH STANDARDS	NYSDEC REGULATORY LEVELS	NYSDEC ALLOWABLE CONCENTRATION IN SOIL (PPB)**
LOCATION 7	METHYLENE CHLORIDE	6 PPB	93 PPM	NO LEVELS LISTED	0.04 PPB
LOCATION 8	METHYLENE CHLORIDE	14 PPB	93 PPM		0.04 PPB
LOCATION 9	CHLOROBENZENE METHYLENE CHLORIDE	10 PPB 9 PPB	$2.0X10^3$ PPM 93 PPM	75 PPM 500 PPM	NO VALUES LISTED 0.04 PPB
LOCATION 10	METHYLENE CHLORIDE	9 PPB	93 PPM	500 PPM	0.04 PPB
LOCATION 11	CHLOROBENZENE METHYLENE CHLORIDE	11 PPB 8 PPB	$2.0X10^3$ PPM 93 PPM	100 PPM NO LEVELS LISTED	NO VALUES LISTED 0.04 PPB

COMMENTS: VOC CONSTITUENTS FOUND IN SAMPLES WERE BELOW EPA ACTION LEVEL STANDARDS AND HEAST HEALTH STANDARDS.

VOC CONSTITUENTS FOUND IN SAMPLES, FOR THOSE VOC CONSTITUENTS FOR WHICH NYSDEC HAS SET REGULATORY LEVELS, WERE FOUND TO BE BELOW NYSDEC REGULATORY LEVELS.

THE LEVELS OF METHYLENE CHLORIDE IN SAMPLES COLLECTED WERE GREATER THAN NYSDEC ALLOWABLE CONCENTRATION OF METHYLENE CHLORIDE IN SOIL. THE VALUE WAS DERIVED USING THE "WATER-SOIL PARTITION THEORY" MODEL AND IS USED TO PREDICT THE POTENTIAL FOR THE CONSTITUENT TO LEACH INTO THE GROUNDWATER. HOWEVER, BECAUSE THE GROUNDWATER IN BROOKLYN AND THE NEW YORK CITY AREA IS NOT POTABLE WATER SOURCE. THE VALUE DERIVED IS A LOW PRIORITY FOR THIS PARTICULAR SITE.

TABLE 2

TOXIC CHARACTERISTIC LEACHING PROCEDURE (TCLP) METALS
252-258 3RD STREET
BROOKLYN, NEW YORK

LOCATION	TCLP METALS	LAB RESULTS (PPM	EPA ACTION LEVEL HEAST* HEALTH STANDARDS	NYSDEC REGULATORY LEVELS
LOCATION 1	BARIUM	0.55 PPM	$4.0 X10^3$ PPM	100 PPM
	LEAD	0.63 PPM	$2.5 X10^2$ PPM	5 PPM
LOCATION 2	BARIUM	0.08 PPM	$4.0 X10^3$ PPM	100 PPM
	LEAD	4.92 PPM	$2.5 X10^2$ PPM	5 PPM
LOCATION 3	BARIUM	1.27 PPM	$4.0 X10^3$ PPM	100 PPM
	LEAD	1.37 PPM	$2.5 X10^2$ PPM	5 PPM
LOCATION 4	BARIUM	0.040 PPM	$4.0 X10^3$ PPM	100 PPM
	LEAD	2.05 PPM	$2.5 X10^2$ PPM	5 PPM
	CHROMIUM	0.05 PPM	----------	5.PPM
LOCATION 5	BARIUM	0.68 PPM	$4.0 X10^3$ PPM	100 PPM
	LEAD	0.38 PPM	$2.5 X10^2$ PPM	5 PPM
LOCATION 6	BARIUM	1.26 PPM	$4.0 X10^3$ PPM	100 PPM
	LEAD	1.64 PPM	$2.5 X10^2$ PPM	5 PPM

TABLE 2: TCLP METALS DATA

TABLE 2 [CONTINUED]

TOXIC CHARACTERISTIC LEACHING PROCEDURE (TCLP) METALS

252-258 3RD STREET
BROOKLYN, NEW YORK

LOCATION	TCLP METALS	LAB RESULTS (PPB)	EPA ACTION LEVEL HEAST* HEALTH STANDARDS	NYSDEC REGULATORY LEVELS
LOCATION 7	BARIUM	1.55 PPM	4.0×10^3 PPM	100 PPM
	LEAD	0.74 PPM	2.5×10^2 PPM	5 PPM
LOCATION 8	ARSENIC	0.20 PPM	80 PPM	5 PPM
	BARIUM	2.09 PPM	4.0×10^3 PPM	100 PPM
LOCATION 9	BARIUM	2.22 PPM	4.0×10^3 PPM	100 PPM
	LEAD	1.69 PPM	2.5×10^2 PPM	5 PPM
LOCATION 10	BARIUM	1.00 PPM	4.0×10^3 PPM	100 PPM
LOCATION 11	ARSENIC	0.02 PPM	80 PPM	5 PPM
	BARIUM	2.57 PPM	4.0×10^3 PPM	100 PPM
	LEAD	0.036 PPM	2.5×10^2 PPM	5 PPM

TABLE 2: TCLP METALS DATA

The levels of methylene chloride, chlorobenzene and xylene found in the samples were found to be below current United States Environmental Protection Agency (USEPA) action level standards as stated in proposed regulations for Corrective Action for Solid Waste Management Units at Hazardous Management Facilities (40 CFR Parts 264-5, 270-1, July 27, 1990). The VOC levels detected in the samples were also found to be below concentrations determined to be harmful to humans through direct ingestion of contaminated soils as documented in Human Direct Ingestion Soil Concentrations derived from the Environmental Protection Agency's (EPA's) Health Effect Assessment Summary Table Report.

In addition, the leachability of the VOC's into the groundwater from contaminated soils were measured using the "Water-Soil Partition Theory" model from the Proposed New York State Petroleum Contaminated Soil Guidance document. The levels of m,p and o xylene detected in the samples, using the "Water-Soil Partition Theory" model equation, were predicted to be well below the maximum contaminant concentration of 30 parts per billion (ppb) allowed in soil in xylenes. The model predicted the levels of leachable methylene chloride to be 0.04 ppb. At this level, the model suggests that methylene chloride could leach into groundwater. It must be noted that the maximum allowable concentration of methylene chloride under the "Water-Soil Partition Theory" model is less than the current detectable limits provided by the laboratory. The Water-Soil Partition Theory" model could not be applied to the constituent chlorobenzene. However, the levels of chlorobenzene found in the samples collected were below the proposed NYSDEC regulatory level of 100 parts per million (ppm).

B. Metals:

A review of the analytical data found detectable levels of lead in soil boring locations 1 through 7 and 9. Detectable levels of barium was found in all 11 soil boring locations. In addition, arsenic was found in soil boring locations 8 and 11, and chromium was found in soil boring location 4.

A review of the data found the levels of lead, barium, arsenic and chromium detected in the samples to be below current USEPA action level standards as stated in proposed regulations for Corrective Action for Solid Waste Management Unit at Hazardous Management Facilities (40 CFR Parts 264-5, 270-1, July 27, 1990). The levels of metals detected in the samples were also found to be below concentrations determined to be harmful to humans through direct ingestion of contaminated soils as documented in Human Direct Ingestion Soil Concentrations derived from the EPA's Health Effect Assessment Summary Table Report.

In addition, the levels of lead, barium, arsenic and chromium detected in the samples were found to below NYSDEC regulatory levels.

APPENDIX A:
LABORATORY ANALYTICAL DATA

VII. RECOMMENDATIONS/CONCLUSIONS

AquaTerra's Phase II Environmental Audit found detectable levels of VOC's, methylene chloride, chlorobenzene and m,p and o-xylene in the low parts per billion range, and detectable levels of TCLP metals, lead, barium, arsenic and chromium in some of the soil samples collected. A review of the analytical data and current and/or proposed USEPA and NYSDEC regulatory guidelines, as well as interviews with USEPA and NYSDEC officials concluded that the levels of VOC and TCLP metals detected in the samples were below current and/or proposed USEPA and NYSDEC regulatory levels.

In addition, with the exception of methylene chloride, the VOC's detected and applicable to the NYSDEC "Water-Soil Partition Theory" model were found to be below levels predicted to leach into the groundwater from contaminated soil. The levels of methylene chloride detected in some of the samples were found to be greater than the calculated allowable levels for soils under this model and therefore could possibly leach into the groundwater. However, this calculated value is less than the detection limits of the laboratory equipment used for analysis. Although the levels of methlyene chloride detected were found to be greater than the allowable concentration in soil, the groundwater in Brooklyn and the New York City area is not a potable source of water. Therefore, the potential for contaminants leaching into non-potable groundwater is not a major concern for this particular area.

In conclusion, based on sample analyses results and regulatory guidelines, no further action is recommended on the subject property, at this time.

Santha Wanigasinghe
Environmental Associate
AquaTerra Environmental Services Corp.
July 16, 1991

REVIEWED AND APPROVED BY:

Mark S. Javello
President
AquaTerra Environmental Services Corp.
July 16, 1991

APPENDIX A:
LABORATORY ANALYTICAL DATA

Accredited Laboratories, Inc.

Foot of Pershing Avenue, P.O. Box 369
Carteret, New Jersey 07008-0369
Telephone: (201) 541-2025

AMAX

ANALYTICAL DATA REPORT

for

Aqua Terra Environmental Services
79 5th Avenue
12th Floor
New York, NY 10003

ACCREDITED LABORATORIES CASE No.: C-807504
DATE RECEIVED: 6/7/91

Client Description	Field ID	Laboratory Sample
Soil	Location #1	9103150
"	" #2	9103151
"	" #3	9103152
"	" #4	9103153
"	" #5	9103154
"	" #6	9103155
"	" #7	9103156
"	" #8	9103157
"	" #9	9103158
"	" #10	9103159
"	" #11	9103160
Aqueous	Field Blank	9103161

Accredited Laboratories, Inc. New York Certification Number 11109. This data has been reviewed and accepted by:

Yun-shen Lee, Ph.D. 6/26/91
Technical Director

YSL:jp

ACCREDITED LABORATORIES, INC
VOLATILE ORGANIC ANALYSIS DATA

CASE NUMBER	7504	MATRIX	Soil
SAMPLE NUMBER	9103150	DILUTION FACTOR	1.00
DATA FILE	D5289	DATE EXTRACTED	
CLIENT NAME	FEL	DATE ANALYZED	06/11/91
FIELD ID	LOC #1	ANALYZED BY	PAUL

Cas #	Compound	UG/KG	MDL
67641	Acetone	U	11
107028	Acrolein	U	56
107131	Acrylonitrile	U	6
71432	Benzene	U	6
75274	Bromodichloromethane	U	6
75252	Bromoform	U	6
74839	Bromomethane	U	11
78933	2-Butanone	U	11
75150	Carbon Disulfide	U	6
56235	Carbon Tetrachloride	U	6
108907	Chlorobenzene	U	6
75003	Chloroethane	U	11
67663	Chloroform	2(J)	6
110758	2-Chloroethylvinylether	U	11
74873	Chloromethane	U	11
75354	1,1-Dichloroethene	U	6
75343	1,1-Dichloroethane	U	6
156592	cis-1,2-Dichloroethene	U	6
156605	trans-1,2-Dichloroethene	U	6
107062	1,2-Dichloroethane	U	6

Cas #	Compound	UG/KG	MDL
78875	1,2-Dichloropropane	U	6
10061015	cis-1,3-Dichloropropene	U	6
10061026	trans-1,3-Dichloropropene	U	6
124481	Dibromochloromethane	U	6
100414	Ethylbenzene	U	6
591786	2-Hexanone	U	11
75092	Methylene Chloride	6	6
108101	4-Methyl-2-pentanone	U	11
100425	Styrene	U	6
127184	Tetrachloroethene	U	6
79345	1,1,2,2-Tetrachloroethane	U	6
108883	Toluene	2(J)	6
71556	1,1,1-Trichloroethane	U	6
79016	1,1,2-Trichloroethane	U	6
79016	Trichloroethene	U	6
75694	Trichlorofluoromethane	U	11
1330207	m,p-Xylene	4(J)	6
1330207	o-Xylene	U	6
108054	Vinyl Acetate	U	11
75014	Vinyl Chloride	U	11

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
1,2-Dichloroethane-d4	106.6 %	70 - 121	OK
Toluene-d8	102.0 %	81 - 117	OK
Bromofluorobenzene	88.5 %	74 - 121	OK

(J) Indicates detected below MDL
(U) Indicates compound analysed for but not detected
(B) Indicates analyte found in both the blank and sample
(D) Indicates a secondary dilution

Percent Solid of 89.2 is used for all Target compounds.

ACCREDITED LABORATORIES, INC
VOLATILE ORGANIC ANALYSIS DATA

CASE NUMBER	7504	MATRIX	Soil
SAMPLE NUMBER	9103151	DILUTION FACTOR	1.00
DATA FILE	>05290	DATE EXTRACTED	
CLIENT NAME	FEL	DATE ANALYZED	06/11/91
FIELD ID	LOC #2	ANALYZED BY	PAUL

Cas #	Compound	UG/KG	MDL
67641	Acetone	U	11
107028	Acrolein	U	57
107131	Acrylonitrile	U	6
71432	Benzene	U	6
75274	Bromodichloromethane	U	6
75252	Bromoform	U	6
74839	Bromomethane	U	11
78933	2-Butanone	U	11
75150	Carbon Disulfide	U	6
56235	Carbon Tetrachloride	U	6
108907	Chlorobenzene	U	6
75003	Chloroethane	U	11
67663	Chloroform	2(J)	6
110758	2-Chloroethylvinylether	U	11
74873	Chloromethane	U	11
75354	1,1-Dichloroethene	U	6
75343	1,1-Dichloroethane	U	6
156592	cis-1,2-Dichloroethene	U	6
156605	trans-1,2-Dichloroethene	U	6
107062	1,2-Dichloroethane	U	6

Cas #	Compound	UG/KG	MDL
78875	1,2-Dichloropropane	U	6
10061015	cis-1,3-Dichloropropene	U	6
10061026	trans-1,3-Dichloropropene	U	6
124481	Dibromochloromethane	U	6
100414	Ethylbenzene	3(J)	6
591786	2-Hexanone	U	11
75092	Methylene Chloride	6	6
108101	4-Methyl-2-pentanone	U	11
100425	Styrene	U	6
127184	Tetrachloroethene	U	6
79345	1,1,2,2-Tetrachloroethane	U	6
108883	Toluene	4(J)	6
71556	1,1,1-Trichloroethane	U	6
79016	1,1,2-Trichloroethane	U	6
79016	Trichloroethene	U	6
75694	Trichlorofluoromethane	U	11
1330207	m,p-Xylene	11	6
1330207	o-Xylene	7	6
108054	Vinyl Acetate	U	11
75014	Vinyl Chloride	U	11

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
1,2-Dichloroethane-d4	102.5 %	70 - 121	OK
Toluene-d8	114.2 %	81 - 117	OK
Bromofluorobenzene	88.5 %	74 - 121	OK

(J) Indicates detected below MDL
(U) Indicates compound analysed for but not detected
(B) Indicates analyte found in both the blank and sample
(D) Indicates a secondary dilution

Percent Solid of 88.2 is used for all Target compounds.

ACCREDITED LABORATORIES, INC
VOLATILE ORGANIC ANALYSIS DATA

CASE NUMBER	7504	MATRIX	Soil
SAMPLE NUMBER	9103152	DILUTION FACTOR	1.00
DATA FILE	>05291	DATE EXTRACTED	
CLIENT NAME	FEL	DATE ANALYZED	06/11/91
FIELD ID	LOC #3	ANALYZED BY	PAUL

Cas #	Compound	UG/KG	MDL
67641	Acetone	U	11
107028	Acrolein	U	55
107131	Acrylonitrile	U	5
71432	Benzene	U	5
75274	Bromodichloromethane	U	5
75252	Bromoform	U	5
74839	Bromomethane	U	11
78933	2-Butanone	U	11
75150	Carbon Disulfide	U	5
56235	Carbon Tetrachloride	U	5
108907	Chlorobenzene	U	5
75003	Chloroethane	U	11
67663	Chloroform	U	5
110758	2-Chloroethylvinylether	U	11
74873	Chloromethane	U	11
75354	1,1-Dichloroethene	U	5
75343	1,1-Dichloroethane	U	5
156592	cis-1,2-Dichloroethene	U	5
156605	trans-1,2-Dichloroethene	U	5
107062	1,2-Dichloroethane	U	5

Cas #	Compound	UG/KG	MDL
78875	1,2-Dichloropropane	U	5
10061015	cis-1,3-Dichloropropene	U	5
10061026	trans-1,3-Dichloropropene	U	5
124481	Dibromochloromethane	U	5
100414	Ethylbenzene	U	5
591786	2-Hexanone	U	11
75092	Methylene Chloride	6	5
108101	4-Methyl-2-pentanone	U	11
100425	Styrene	U	5
127184	Tetrachloroethene	U	5
79345	1,1,2,2-Tetrachloroethane	U	5
108883	Toluene	2(J)	5
71556	1,1,1-Trichloroethane	U	5
79016	1,1,2-Trichloroethane	U	5
79016	Trichloroethene	U	5
75694	Trichlorofluoromethane	U	11
1330207	m,p-Xylene	U	5
1330207	o-Xylene	U	5
108054	Vinyl Acetate	U	11
75014	Vinyl Chloride	U	11

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
1,2-Dichloroethane-d4	98.6 %	70 - 121	OK
Toluene-d8	114.8 %	81 - 117	OK
Bromofluorobenzene	90.7 %	74 - 121	OK

(J) Indicates detected below MDL
(U) Indicates compound analysed for but not detected
(B) Indicates analyte found in both the blank and sample
(D) Indicates a secondary dilution

Percent Solid of 91.2 is used for all Target compounds.

ACCREDITED LABORATORIES, INC
VOLATILE ORGANIC ANALYSIS DATA

CASE NUMBER	7504	MATRIX	Soil
SAMPLE NUMBER	9103153	DILUTION FACTOR	1.00
DATA FILE	>05305	DATE EXTRACTED	
CLIENT NAME	FEL	DATE ANALYZED	06/12/91
FIELD ID	LOC #4	ANALYZED BY	JOHN

Cas #	Compound	UG/KG	MDL
67641	Acetone	U	11
107028	Acrolein	U	55
107131	Acrylonitrile	U	6
71432	Benzene	U	6
75274	Bromodichloromethane	U	6
75252	Bromoform	U	6
74839	Bromomethane	U	11
78933	2-Butanone	U	11
75150	Carbon Disulfide	U	6
56235	Carbon Tetrachloride	U	6
108907	Chlorobenzene	U	6
75003	Chloroethane	U	11
67663	Chloroform	4(J)	6
110758	2-Chloroethylvinylether	U	11
74873	Chloromethane	U	11
75354	1,1-Dichloroethene	U	6
75353	1,1-Dichloroethane	U	6
156592	cis-1,2-Dichloroethene	U	6
156605	trans-1,2-Dichloroethene	U	6
107062	1,2-Dichloroethane	U	6

Cas #	Compound	UG/KG	MDL
78875	1,2-Dichloropropane	U	6
10061015	cis-1,3-Dichloropropene	U	6
10061026	trans-1,3-Dichloropropene	U	6
124481	Dibromochloromethane	U	6
100414	Ethylbenzene	U	6
591786	2-Hexanone	U	11
75092	Methylene Chloride	8	6
108101	4-Methyl-2-pentanone	U	11
100425	Styrene	U	6
127184	Tetrachloroethene	U	6
79345	1,1,2,2-Tetrachloroethane	U	6
108883	Toluene	U	6
71556	1,1,1-Trichloroethane	U	6
79016	1,1,2-Trichloroethane	U	6
79016	Trichloroethene	U	6
75694	Trichlorofluoromethane	U	11
1330207	m,p-Xylene	2(J)	6
1330207	o-Xylene	U	6
108054	Vinyl Acetate	U	11
75014	Vinyl Chloride	U	11

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
1,2-Dichloroethane-d4	112.1 %	70 - 121	OK
Toluene-d8	115.5 %	81 - 117	OK
Bromofluorobenzene	96.4 %	74 - 121	OK

(J) Indicates detected below MDL
(U) Indicates compound analysed for but not detected
(B) Indicates analyte found in both the blank and sample
(D) Indicates a secondary dilution

Percent Solid of 90.7 is used for all Target compounds.

ACCREDITED LABORATORIES, INC
VOLATILE ORGANIC ANALYSIS DATA

CASE NUMBER	7504	MATRIX	Soil
SAMPLE NUMBER	9103154	DILUTION FACTOR	1.00
DATA FILE	>05293	DATE EXTRACTED	
CLIENT NAME	FEL	DATE ANALYZED	06/11/91
FIELD ID	LOC #5	ANALYZED BY	PAUL

Cas #	Compound	UG/KG	MDL
67641	Acetone	U	10
107028	Acrolein	U	51
107131	Acrylonitrile	U	5
71432	Benzene	U	5
75274	Bromodichloromethane	U	5
75252	Bromoform	U	5
74839	Bromomethane	U	10
78933	2-Butanone	U	10
75150	Carbon Disulfide	U	5
56235	Carbon Tetrachloride	U	5
108907	Chlorobenzene	U	5
75003	Chloroethane	U	10
67663	Chloroform	2(J)	5
110758	2-Chloroethylvinylether	U	10
74873	Chloromethane	U	10
75354	1,1-Dichloroethene	U	5
75343	1,1-Dichloroethane	U	5
156592	cis-1,2-Dichloroethene	U	5
156605	trans-1,2-Dichloroethene	U	5
107062	1,2-Dichloroethane	U	5

Cas #	Compound	UG/KG	MDL
78875	1,2-Dichloropropane	U	5
10061015	cis-1,3-Dichloropropene	U	5
10061026	trans-1,3-Dichloropropene	U	5
124481	Dibromochloromethane	U	5
100414	Ethylbenzene	U	5
591786	2-Hexanone	U	10
75092	Methylene Chloride	8	5
108101	4-Methyl-2-pentanone	U	10
100425	Styrene	U	5
127184	Tetrachloroethene	U	5
79345	1,1,2,2-Tetrachloroethane	U	5
108883	Toluene	4(J)	5
71556	1,1,1-Trichloroethane	U	5
79016	1,1,2-Trichloroethane	U	5
79016	Trichloroethene	U	5
75694	Trichlorofluoromethane	U	10
1330207	m,p-Xylene	3(J)	5
1330207	o-Xylene	U	5
108054	Vinyl Acetate	U	10
75014	Vinyl Chloride	U	10

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
1,2-Dichloroethane-d4	97.1 %	70 - 121	OK
Toluene-d8	115.9 %	81 - 117	OK
Bromofluorobenzene	83.4 %	74 - 121	OK

(J) Indicates detected below MDL
(U) Indicates compound analysed for but not detected
(B) Indicates analyte found in both the blank and sample
(D) Indicates a secondary dilution

Percent Solid of 97.5 is used for all Target compounds.

ACCREDITED LABORATORIES, INC
VOLATILE ORGANIC ANALYSIS DATA

CASE NUMBER	7504	MATRIX	Soil
SAMPLE NUMBER	9103155	DILUTION FACTOR	1.00
DATA FILE	>05294	DATE EXTRACTED	
CLIENT NAME	FEL	DATE ANALYZED	06/11/91
FIELD ID	LOC #6	ANALYZED BY	PAUL

Cas #	Compound	UG/KG	MDL
67641	Acetone	66	11
107028	Acrolein	U	53
107131	Acrylonitrile	U	5
71432	Benzene	U	5
75274	Bromodichloromethane	U	5
75252	Bromoform	U	5
74839	Bromomethane	U	11
78933	2-Butanone	U	11
75150	Carbon Disulfide	U	5
56235	Carbon Tetrachloride	U	5
108907	Chlorobenzene	U	5
75003	Chloroethane	U	11
67663	Chloroform	2(J)	5
110758	2-Chloroethylvinylether	U	11
74873	Chloromethane	U	11
75354	1,1-Dichloroethene	U	5
75353	1,1-Dichloroethane	U	5
156592	cis-1,2-Dichloroethene	U	5
156605	trans-1,2-Dichloroethene	U	5
107062	1,2-Dichloroethane	U	5

Cas #	Compound	UG/KG	MDL
78875	1,2-Dichloropropane	U	5
10061015	cis-1,3-Dichloropropene	U	5
10061026	trans-1,3-Dichloropropene	U	5
124481	Dibromochloromethane	U	5
100414	Ethylbenzene	U	5
591786	2-Hexanone	U	11
75092	Methylene Chloride	7	5
108101	4-Methyl-2-pentanone	4(J)	11
100425	Styrene	U	5
127184	Tetrachloroethene	U	5
79345	1,1,2,2-Tetrachloroethane	U	5
108883	Toluene	U	5
71556	1,1,1-Trichloroethane	U	5
79016	1,1,2-Trichloroethane	U	5
79016	Trichloroethene	U	5
75694	Trichlorofluoromethane	U	11
1330207	m,p-Xylene	3(J)	5
1330207	o-Xylene	U	5
108054	Vinyl Acetate	U	11
75014	Vinyl Chloride	U	11

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
1,2-Dichloroethane-d4	107.0 %	70 - 121	OK
Toluene-d8	87.5 %	81 - 117	OK
Bromofluorobenzene	105.5 %	74 - 121	OK

(J) Indicates detected below MDL
(U) Indicates compound analysed for but not detected
(B) Indicates analyte found in both the blank and sample
(D) Indicates a secondary dilution

Percent Solid of 93.5 is used for all Target compounds.

ACCREDITED LABORATORIES, INC
VOLATILE ORGANIC ANALYSIS DATA

CASE NUMBER	7504	MATRIX	Soil
SAMPLE NUMBER	9103156	DILUTION FACTOR	1.00
DATA FILE	:05295	DATE EXTRACTED	
CLIENT NAME	FEL	DATE ANALYZED	06/11/91
FIELD ID	LOC #7	ANALYZED BY	PAUL

Cas #	Compound	UG/KG	MDL
67641	Acetone	94	11
107028	Acrolein	U	54
107131	Acrylonitrile	U	5
71432	Benzene	U	5
75274	Bromodichloromethane	U	5
75252	Bromoform	U	5
74839	Bromomethane	U	11
78933	2-Butanone	U	11
75150	Carbon Disulfide	U	5
56235	Carbon Tetrachloride	U	5
108907	Chlorobenzene	7(J)	5
75003	Chloroethane	U	11
67663	Chloroform	2(J)	5
110758	2-Chloroethylvinylether	U	11
74873	Chloromethane	U	11
75354	1,1-Dichloroethene	U	5
75343	1,1-Dichloroethane	U	5
156592	cis-1,2-Dichloroethene	U	5
156605	trans-1,2-Dichloroethene	U	5
107062	1,2 Dichloroethane	U	5

Cas #	Compound	UG/KG	MDL
78875	1,2-Dichloropropane	U	5
10061015	cis-1,3-Dichloropropene	U	5
10061026	trans-1,3-Dichloropropene	U	5
124481	Dibromochloromethane	U	5
100414	Ethylbenzene	U	5
591786	2-Hexanone	U	11
75092	Methylene Chloride	6	5
108101	4-Methyl-2-pentanone	U	11
100425	Styrene	U	5
127184	Tetrachloroethene	U	5
79345	1,1,2,2-Tetrachloroethane	U	5
108883	Toluene	U	5
71556	1,1,1-Trichloroethane	U	5
79016	1,1,2-Trichloroethane	U	5
79016	Trichloroethene	U	5
75694	Trichlorofluoromethane	U	11
1330207	m,p-Xylene	U	5
1330207	o-Xylene	U	5
108054	Vinyl Acetate	U	11
75014	Vinyl Chloride	U	11

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
1,2-Dichloroethane-d4	97.4 %	70 - 121	OK
Toluene-d8	113.2 %	81 - 117	OK
Bromofluorobenzene	84.5 %	74 - 121	OK

(J) Indicates detected below MDL
(U) Indicates compound analysed for but not detected
(B) Indicates analyte found in both the blank and sample
(D) Indicates a secondary dilution

Percent Solid of 93.0 is used for all Target compounds.

ACCREDITED LABORATORIES, INC
VOLATILE ORGANIC ANALYSIS DATA

CASE NUMBER	7504	MATRIX	Soil
SAMPLE NUMBER	9103157	DILUTION FACTOR	1.00
DATA FILE	>05296	DATE EXTRACTED	
CLIENT NAME	FEL	DATE ANALYZED	06/11/91
FIELD ID	LOC #8	ANALYZED BY	PAUL

Cas #	Compound	UG/KG	MDL
67641	Acetone	U	11
107028	Acrolein	U	53
107131	Acrylonitrile	U	5
71432	Benzene	U	5
75274	Bromodichloromethane	U	5
75252	Bromoform	U	5
74839	Bromomethane	U	11
78933	2-Butanone	U	11
75150	Carbon Disulfide	U	5
56235	Carbon Tetrachloride	U	5
108907	Chlorobenzene	U	5
75003	Chloroethane	U	11
67663	Chloroform	U	5
110758	2-Chloroethylvinylether	U	11
74873	Chloromethane	U	11
75354	1,1-Dichloroethene	U	5
75353	1,1-Dichloroethane	U	5
156592	cis-1,2-Dichloroethene	U	5
156605	trans-1,2-Dichloroethene	U	5
107062	1,2-Dichloroethane	U	5

Cas #	Compound	UG/KG	MDL
78875	1,2-Dichloropropane	U	5
10061015	cis-1,3-Dichloropropene	U	5
10061026	trans-1,3-Dichloropropene	U	5
124481	Dibromochloromethane	U	5
100414	Ethylbenzene	U	5
591786	2-Hexanone	U	11
75092	Methylene Chloride	14	5
108101	4-Methyl-2-pentanone	U	11
100425	Styrene	U	5
127184	Tetrachloroethene	U	5
79345	1,1,2,2-Tetrachloroethane	U	5
108883	Toluene	7	5
71556	1,1,1-Trichloroethane	U	5
79016	1,1,2-Trichloroethane	U	5
79016	Trichloroethene	U	5
75694	Trichlorofluoromethane	U	11
1330207	m,p-Xylene	5(J)	5
1330207	o-Xylene	U	5
108054	Vinyl Acetate	U	11
75014	Vinyl Chloride	U	11

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
1,2-Dichloroethane-d4	99.3 %	70 - 121	OK
Toluene-d8	130.7 %	81 - 117	OUT
Bromofluorobenzene	85.8 %	74 - 121	OK

(J) Indicates detected below MDL
(U) Indicates compound analysed for but not detected
(B) Indicates analyte found in both the blank and sample
(D) Indicates a secondary dilution

Percent Solid of 95.1 is used for all Target compounds.

ACCREDITED LABORATORIES, INC
VOLATILE ORGANIC ANALYSIS DATA

CASE NUMBER	7504	MATRIX	Soil
SAMPLE NUMBER	9103158	DILUTION FACTOR	1.00
DATA FILE	>D5297	DATE EXTRACTED	
CLIENT NAME	FEL	DATE ANALYZED	06/11/91
FIELD ID	LOC #9	ANALYZED BY	PAUL

Cas #	Compound	UG/KG	MDL
67641	Acetone	U	11
107028	Acrolein	U	55
107131	Acrylonitrile	U	6
71432	Benzene	U	6
75274	Bromodichloromethane	U	6
75252	Bromoform	U	6
74839	Bromomethane	U	11
78933	2-Butanone	U	11
75150	Carbon Disulfide	U	6
56235	Carbon Tetrachloride	U	6
108907	Chlorobenzene	10	6
75003	Chloroethane	U	11
67663	Chloroform	2(J)	6
110758	2-Chloroethylvinylether	U	11
74873	Chloromethane	U	11
75354	1,1-Dichloroethene	U	6
75343	1,1-Dichloroethane	U	6
156592	cis-1,2-Dichloroethene	U	6
156605	trans-1,2-Dichloroethene	U	6
107062	1,2-Dichloroethane	U	6

Cas #	Compound	UG/KG	MDL
78875	1,2-Dichloropropane	U	6
10061015	cis-1,3-Dichloropropene	U	6
10061026	trans-1,3-Dichloropropene	U	6
124481	Dibromochloromethane	U	6
100414	Ethylbenzene	U	6
591786	2-Hexanone	U	11
75092	Methylene Chloride	9	6
108101	4-Methyl-2-pentanone	U	11
100425	Styrene	U	6
127184	Tetrachloroethene	U	6
79345	1,1,2,2-Tetrachloroethane	U	6
108883	Toluene	3(J)	6
71556	1,1,1-Trichloroethane	U	6
79016	1,1,2-Trichloroethane	U	6
79016	Trichloroethene	U	6
75694	Trichlorofluoromethane	U	11
1330207	m,p-Xylene	U	6
1330207	o-Xylene	U	6
108054	Vinyl Acetate	U	11
75014	Vinyl Chloride	U	11

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
1,2-Dichloroethane-d4	110.4 %	70 - 121	OK
Toluene-d8	108.3 %	81 - 117	OK
Bromofluorobenzene	79.9 %	74 - 121	OK

(J) Indicates detected below MDL
(U) Indicates compound analysed for but not detected
(B) Indicates analyte found in both the blank and sample
(D) Indicates a secondary dilution

Percent Solid of 90.8 is used for all Target compounds.

ACCREDITED LABORATORIES, INC
VOLATILE ORGANIC ANALYSIS DATA

CASE NUMBER	7504	MATRIX	Soil
SAMPLE NUMBER	9103159	DILUTION FACTOR	1.00
DATA FILE	>05298	DATE EXTRACTED	
CLIENT NAME	FEL	DATE ANALYZED	06/11/91
FIELD ID	LOC #10	ANALYZED BY	PAUL

Cas #	Compound	UG/KG	MDL
67641	Acetone	U	11
107028	Acrolein	U	57
107131	Acrylonitrile	U	6
71432	Benzene	U	6
75274	Bromodichloromethane	U	6
75252	Bromoform	U	6
74839	Bromomethane	U	11
78933	2-Butanone	U	11
75150	Carbon Disulfide	U	6
56235	Carbon Tetrachloride	U	6
108907	Chlorobenzene	U	6
75003	Chloroethane	U	11
67663	Chloroform	3(J)	6
110758	2-Chloroethylvinylether	U	11
74873	Chloromethane	U	11
75354	1,1-Dichloroethene	U	6
75343	1,1-Dichloroethane	U	6
156592	cis-1,2-Dichloroethene	U	6
156605	trans-1,2-Dichloroethene	U	6
107062	1,2-Dichloroethane	U	6

Cas #	Compound	UG/KG	MDL
78875	1,2-Dichloropropane	U	6
10061015	cis-1,3-Dichloropropene	U	6
10061026	trans-1,3-Dichloropropene	U	6
124481	Dibromochloromethane	U	6
100414	Ethylbenzene	U	6
591786	2-Hexanone	U	11
75092	Methylene Chloride	9	6
108101	4-Methyl-2-pentanone	U	11
100425	Styrene	U	6
127184	Tetrachloroethene	U	6
79345	1,1,2,2-Tetrachloroethane	U	6
108883	Toluene	3(J)	6
71556	1,1,1-Trichloroethane	U	6
79016	1,1,2-Trichloroethane	U	6
79016	Trichloroethene	U	6
75694	Trichlorofluoromethane	U	11
1330207	m,p-Xylene	2(J)	6
1330207	o-Xylene	U	6
108054	Vinyl Acetate	U	11
75014	Vinyl Chloride	U	11

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
1,2-Dichloroethane-d4	101.3 %	70 - 121	OK
Toluene-d8	121.3 %	91 - 117	OUT
Bromofluorobenzene	78.7 %	74 - 121	OK

(J) Indicates detected below MDL
(U) Indicates compound analysed for but not detected
(B) Indicates analyte found in both the blank and sample
(D) Indicates a secondary dilution

Percent Solid of 87.8 is used for all Target compounds.

ACCREDITED LABORATORIES, INC
VOLATILE ORGANIC ANALYSIS DATA

CASE NUMBER	7504	MATRIX	Soil
SAMPLE NUMBER	9103160	DILUTION FACTOR	1.00
DATA FILE	>D5299	DATE EXTRACTED	
CLIENT NAME	FEL	DATE ANALYZED	06/11/91
FIELD ID	LOC #11	ANALYZED BY	PAUL

Cas #	Compound	UG/KG	MDL
67641	Acetone	U	12
107028	Acrolein	U	58
107131	Acrylonitrile	U	6
71432	Benzene	U	6
75274	Bromodichloromethane	U	6
75252	Bromoform	U	6
74839	Bromomethane	U	12
78933	2-Butanone	U	12
75150	Carbon Disulfide	U	6
56235	Carbon Tetrachloride	U	6
108907	Chlorobenzene	11	6
75003	Chloroethane	U	12
67663	Chloroform	2(J)	6
110758	2-Chloroethylvinylether	U	12
74873	Chloromethane	U	12
75354	1,1-Dichloroethene	U	6
75343	1,1-Dichloroethane	U	6
156592	cis-1,2-Dichloroethene	U	6
156605	trans-1,2-Dichloroethene	U	6
107062	1,2-Dichloroethane	U	6

Cas #	Compound	UG/KG	MDL
78875	1,2-Dichloropropane	U	6
10061015	cis-1,3-Dichloropropene	U	6
10061026	trans-1,3-Dichloropropene	U	6
124481	Dibromochloromethane	U	6
100414	Ethylbenzene	U	6
591786	2-Hexanone	U	12
75092	Methylene Chloride	8	6
108101	4-Methyl-2-pentanone	U	12
100425	Styrene	U	6
127184	Tetrachloroethene	U	6
79345	1,1,2,2-Tetrachloroethane	U	6
108883	Toluene	3(J)	6
71556	1,1,1-Trichloroethane	U	6
79016	1,1,2-Trichloroethane	U	6
79016	Trichloroethene	U	6
75694	Trichlorofluoromethane	U	12
1330207	m,p-Xylene	2(J)	6
1330207	o-Xylene	U	6
108054	Vinyl Acetate	U	12
75014	Vinyl Chloride	U	12

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
1,2-Dichloroethane-d4	111.0 %	70 - 121	OK
Toluene-d8	112.2 %	81 - 117	OK
Bromofluorobenzene	79.3 %	74 - 121	OK

(J) Indicates detected below MDL
(U) Indicates compound analysed for but not detected
(B) Indicates analyte found in both the blank and sample
(D) Indicates a secondary dilution

Percent Solid of 86.5 is used for all Target compounds.

ACCREDITED LABORATORIES, INC
VOLATILE ORGANIC ANALYSIS DATA

CASE NUMBER	7504	MATRIX	Aqueous
SAMPLE NUMBER	9103161	DILUTION FACTOR	1.00
DATA FILE	>C2765	DATE EXTRACTED	
CLIENT NAME	FEL	DATE ANALYZED	06/12/91
FIELD ID	FIELD BL	ANALYZED BY	PAUL

Cas #	Compound	UG/L	MDL
67641	Acetone	U	10
107028	Acrolein	U	50
107131	Acrylonitrile	U	5
71432	Benzene	U	5
75274	Bromodichloromethane	U	5
75252	Bromoform	U	5
74839	Bromomethane	U	10
78933	2-Butanone	U	10
75150	Carbon Disulfide	U	5
56235	Carbon Tetrachloride	U	5
108907	Chlorobenzene	U	5
75003	Chloroethane	U	10
67663	Chloroform	U	5
110758	2-Chloroethylvinylether	U	10
74873	Chloromethane	U	10
75354	1,1-Dichloroethene	U	5
75343	1,1-Dichloroethane	U	5
156592	cis-1,2-Dichloroethene	U	5
156605	trans-1,2-Dichloroethene	U	5
107062	1,2-Dichloroethane	U	5

Cas #	Compound	UG/L	MDL
78875	1,2-Dichloropropane	U	5
10061015	cis-1,3-Dichloropropene	U	5
10061026	trans-1,3-Dichloropropene	U	5
124481	Dibromochloromethane	U	5
100414	Ethylbenzene	U	5
591786	2-Hexanone	U	10
75092	Methylene Chloride	U	5
108101	4-Methyl-2-pentanone	U	10
100425	Styrene	U	5
127184	Tetrachloroethene	U	5
79345	1,1,2,2-Tetrachloroethane	U	5
108883	Toluene	U	5
71556	1,1,1-Trichloroethane	U	5
79016	1,1,2-Trichloroethane	U	5
79016	Trichloroethene	U	5
75694	Trichlorofluoromethane	U	10
1330207	m,p-Xylene	U	5
1330207	o-Xylene	U	5
108054	Vinyl Acetate	U	10
75014	Vinyl Chloride	U	10

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
1,2-Dichloroethane-d4	105.9 %	76 - 114	OK
Toluene-d8	103.5 %	88 - 110	OK
Bromofluorobenzene	107.3 %	86 - 115	OK

(J) Indicates detected below MDL
(U) Indicates compound analysed for but not detected
(B) Indicates analyte found in both the blank and sample
(D) Indicates a secondary dilution

Accredited Laboratories, Inc.
TCLP Metals

Case No.: 807504
Sample No.: 9103150
Field ID: LOC #1
Client: First Environmental Labs

Matrix: Extract
Date Received: 06/07/91
Date Extracted: 06/10/91
Date Digested: 06/12/91

Parameters	Results mg/L	MDL mg/L	Date of Analysis
Arsenic	ND	0.01	06/13/91
Barium	0.55	0.30	06/14/91
Cadmium	ND	0.03	06/14/91
Chromium	ND	0.03	06/14/91
Lead	0.63	0.30	06/14/91
Mercury	ND	0.001	06/12/91
Selenium	ND	0.01	06/14/91
Silver	ND	0.30	06/14/91

Quality Control Number: 910612T

Accredited Laboratories, Inc.
TCLP Metals

Case No.: 807504
Sample No.: 9103151
Field ID: LOC #2
Client: First Environmental Labs

Matrix: Extract
Date Received: 06/07/91
Date Extracted: 06/10/91
Date Digested: 06/12/91

Parameters	Results mg/L	MDL mg/L	Date of Analysis
Arsenic	ND	0.01	06/13/91
Barium	0.80	0.30	06/14/91
Cadmium	ND	0.03	06/14/91
Chromium	ND	0.03	06/14/91
Lead	4.92	0.30	06/19/91
Mercury	ND	0.001	06/12/91
Selenium	ND	0.01	06/14/91
Silver	ND	0.30	06/14/91

Quality Control Number: 910612T

Accredited Laboratories, Inc.
TCLP Metals

Case No.: 807504
Sample No.: 9103152
Field ID: LOC #3
Client: First Environmental Labs

Matrix: Extract
Date Received: 06/07/91
Date Extracted: 06/10/91
Date Digested: 06/12/91

Parameters	Results mg/L	MDL mg/L	Date of Analysis
Arsenic	ND	0.01	06/13/91
Barium	1.22	0.30	06/14/91
Cadmium	ND	0.03	06/14/91
Chromium	ND	0.03	06/14/91
Lead	1.37	0.30	06/14/91
Mercury	ND	0.001	06/12/91
Selenium	ND	0.01	06/14/91
Silver	ND	0.30	06/14/91

Quality Control Number: 910612T

Accredited Laboratories, Inc.
TCLP Metals

Case No.: 807504
Sample No.: 9103153
Field ID: LOC #4
Client: First Environmental Labs

Matrix: Extract
Date Received: 06/07/91
Date Extracted: 06/10/91
Date Digested: 06/12/91

Parameters	Results mg/L	MDL mg/L	Date of Analysis
Arsenic	ND	0.01	06/13/91
Barium	0.40	0.30	06/14/91
Cadmium	ND	0.03	06/14/91
Chromium	0.05	0.03	06/14/91
Lead	2.05	0.30	06/14/91
Mercury	ND	0.001	06/12/91
Selenium	ND	0.01	06/14/91
Silver	ND	0.30	06/14/91

Quality Control Number: 910612T

Accredited Laboratories, Inc.
TCLP Metals

Case No.: 807504
Sample No.: 9103154
Field ID: LOC #5
Client: First Environmental Labs

Matrix: Extract
Date Received: 06/07/91
Date Extracted: 06/10/91
Date Digested: 06/12/91

Parameters	Results mg/L	MDL mg/L	Date of Analysis
Arsenic	ND	0.01	06/13/91
Barium	0.68	0.30	06/14/91
Cadmium	ND	0.03	06/14/91
Chromium	ND	0.03	06/14/91
Lead	0.38	0.30	06/14/91
Mercury	ND	0.001	06/12/91
Selenium	ND	0.01	06/14/91
Silver	ND	0.30	06/14/91

Quality Control Number: 910612T

Accredited Laboratories, Inc.
TCLP Metals

Case No.: 807504
Sample No.: 9103155
Field ID: LOC #6
Client: First Environmental Labs

Matrix: Extract
Date Received: 06/07/91
Date Extracted: 06/10/91
Date Digested: 06/12/91

Parameters	Results mg/L	MDL mg/L	Date of Analysis
Arsenic	ND	0.01	06/13/91
Barium	1.26	0.30	06/14/91
Cadmium	ND	0.03	06/14/91
Chromium	ND	0.03	06/14/91
Lead	1.64	0.30	06/14/91
Mercury	ND	0.001	06/12/91
Selenium	ND	0.01	06/14/91
Silver	ND	0.30	06/14/91

Quality Control Number: 910612T

Accredited Laboratories, Inc.
TCLP Metals

Case No.:	*807504*	*Matrix:*	*Extract*
Sample No.:	*9103156*	*Date Received:*	*06/07/91*
Field ID:	*LOC #7*	*Date Extracted:*	*06/10/91*
Client:	*First Environmental Labs*	*Date Digested:*	*06/12/91*

Parameters	*Results mg/L*	*MDL mg/L*	*Date of Analysis*
Arsenic	*ND*	*0.01*	*06/13/91*
Barium	*1.55*	*0.30*	*06/14/91*
Cadmium	*ND*	*0.03*	*06/14/91*
Chromium	*ND*	*0.03*	*06/14/91*
Lead	*0.74*	*0.30*	*06/14/91*
Mercury	*ND*	*0.001*	*06/12/91*
Selenium	*ND*	*0.01*	*06/14/91*
Silver	*ND*	*0.30*	*06/14/91*

Quality Control Number: *910612T*

Accredited Laboratories, Inc.
TCLP Metals

Case No.:	*807504*	*Matrix:*	*Extract*
Sample No.:	*9103157*	*Date Received:*	*06/07/91*
Field ID:	*LOC #8*	*Date Extracted:*	*06/10/91*
Client:	*First Environmental Labs*	*Date Digested:*	*06/12/91*

Parameters	*Results mg/L*	*MDL mg/L*	*Date of Analysis*
Arsenic	*0.20*	*0.01*	*06/13/91*
Barium	*2.09*	*0.30*	*06/14/91*
Cadmium	*ND*	*0.03*	*06/14/91*
Chromium	*ND*	*0.03*	*06/14/91*
Lead	*ND*	*0.30*	*06/14/91*
Mercury	*ND*	*0.001*	*06/12/91*
Selenium	*ND*	*0.01*	*06/14/91*
Silver	*ND*	*0.30*	*06/14/91*

Quality Control Number: *910612T*

Accredited Laboratories, Inc.
TCLP Metals

Case No.: 807504
Sample No.: 9103158
Field ID: LOC #9
Client: First Environmental Labs

Matrix: Extract
Date Received: 06/07/91
Date Extracted: 06/10/91
Date Digested: 06/12/91

Parameters	Results mg/L	MDL mg/L	Date of Analysis
Arsenic	ND	0.01	06/13/91
Barium	2.22	0.30	06/14/91
Cadmium	ND	0.03	06/14/91
Chromium	ND	0.03	06/14/91
Lead	1.69	0.30	06/14/91
Mercury	ND	0.001	06/12/91
Selenium	ND	0.01	06/14/91
Silver	ND	0.30	06/14/91

Quality Control Number: 910612T

Accredited Laboratories, Inc.
TCLP Metals

Case No.: 807504
Sample No.: 9103159
Field ID: LOC #10
Client: First Environmental Labs

Matrix: Extract
Date Received: 06/07/91
Date Extracted: 06/10/91
Date Digested: 06/12/91

Parameters	Results mg/L	MDL mg/L	Date of Analysis
Arsenic	ND	0.01	06/13/91
Barium	1.00	0.30	06/14/91
Cadmium	ND	0.03	06/14/91
Chromium	ND	0.03	06/14/91
Lead	ND	0.30	06/14/91
Mercury	ND	0.001	06/12/91
Selenium	ND	0.01	06/14/91
Silver	ND	0.30	06/14/91

Quality Control Number: 910612T

Accredited Laboratories, Inc.
TCLP Metals

Case No.: 807504
Sample No.: 9103160
Field ID: LOC #11
Client: First Environmental Labs

Matrix: Extract
Date Received: 06/07/91
Date Extracted: 06/10/91
Date Digested: 06/12/91

Parameters	Results mg/L	MDL mg/L	Date of Analysis
Arsenic	0.02	0.01	06/13/91
Barium	2.57	0.30	06/14/91
Cadmium	ND	0.03	06/14/91
Chromium	ND	0.03	06/14/91
Lead	0.36	0.30	06/14/91
Mercury	ND	0.001	06/12/91
Selenium	ND	0.01	06/14/91
Silver	ND	0.30	06/14/91

Quality Control Number: 910612T

Accredited Laboratories, Inc.
TCLP Metals

Case No.: 807504
Sample No.: 9103161
Field ID: FIELD BLANK
Client: First Environmental Labs

Matrix: Extract
Date Received: 06/07/91
Date Extracted: 06/10/91
Date Digested: 06/12/91

Parameters	Results mg/L	MDL mg/L	Date of Analysis
Arsenic	ND	0.01	06/13/91
Barium	ND	0.30	06/14/91
Cadmium	ND	0.03	06/14/91
Chromium	ND	0.03	06/14/91
Lead	ND	0.30	06/14/91
Mercury	ND	0.001	06/12/91
Selenium	ND	0.01	06/14/91
Silver	ND	0.30	06/14/91

Quality Control Number: 910612T

First Environmental Laboratories, Inc.
2 Stewart Court
Bridgeview Business Park
Denville, New Jersey 07834

(201) 328-3900 • FAX (201) 328-6740

CHAIN OF CUSTODY RECORD

Client: Aqua Terra Environmental Services

Address: 71 5th Avenue
New York, NY

Project Description:
252 3rd Street
Brooklyn, NY

Phone #: 212-675-8200 Contact: Mark Lavelle

Report Due Date:

Required Report Format

☐ CLP ☐ NJDEP Tier II

☐ ECRA ☐ Results Only

☐ Other New York State (Specify)

Mark Lavelle

Sampler's Signature

STATION	DATE	TIME (Military)	SAMPLE DESCRIPTION	NO. OF SAMPLE CONTAINERS: Volatile Organic Compounds	Acid Extractable Compounds	Base/Neutral Extractable Compounds	Pesticides	PCB's	Metals / TCLP	Phenol	Cyanide	Petroleum Hydrocarbons	EP Toxicity - Organics	EP Toxicity - Inorganics	Reactivity	Ignitability	Corrosivity	(Other)	(Other)	REMARKS
Location #6	6/4/91	17:21	Soil	✓																
#6	6/4/91	17:22	"					✓												
Location #7	"	18:00	"	✓																
#7	"	18:00	"					✓												
Location #5	"	18:30	"	✓																
#5	"	18:30	"					✓												
Location #9	"	18:30	"	✓																
#9	"	18:30	"					✓												
Location #10	"	18:47	"	✓																
#10	"	18:47	"					✓												

Relinquished by (Signature)	Date	Time (Military)	Received by (Signature)	Date	Time (Military)	Relinquished by (Signature)	Date	Time (Military)	Received by (Signature)	Date	Time (Military)
Mark Lavelle	6/5	17:30		6/5/91	17:30						
	6/7/91	15:30		6/7/91	1550						

REMARKS C-807504

First Environmental Laboratories, Inc.
2 Stewart Court
Bridgeview Business Park
Denville, New Jersey 07834

(201) 328-3900 • FAX (201) 328-6740

CHAIN OF CUSTODY RECORD

Client: AquaTerra Environmental Services
Address: 79 5th Avenue
New York, N.Y.

Project Description: 252 3rd ~~Ave~~ Street, Brooklyn, N.Y.

Phone #: 212-675-8200 Contact: Frank Fuselle

Report Due Date:

Required Report Format

- ☐ CLP
- ☐ NJDEP Tier II
- ☐ ECRA
- ☐ Results Only
- ☐ Other New York State (Specify)

Sampler's Signature: Mark Jenelle

NO. OF SAMPLE CONTAINERS

STATION	DATE	TIME (Military)	SAMPLE DESCRIPTION	Volatile Organic Compounds	Acid Extractable Compounds	Base/Neutral Extractable Compounds	Pesticides	PCB's	Metals TCLP	Phenol	Cyanide	Petroleum Hydrocarbons	EP Toxicity - Organics	EP Toxicity - Inorganics	Reactivity	Ignitability	Corrosivity	(Other)	(Other)	REMARKS
Location #11	6/4/91	19:00	Soil	✓												1	1	1	4	
#11	6/4/91	19:00	Soil					✓								1	1	1	1	
VOC Field Blank	11	19:05	Water	✓												1	1	1	1	
Pesticide Field Blank	11	19:05	Water					✓												

Relinquished by (Signature)	Date	Time (Military)	Received by (Signature)	Date	Time (Military)	Relinquished by (Signature)	Date	Time (Military)	Received by (Signature)	Date	Time (Military)
Mark Jenelle	6/6/91	17:30	[illegible]	6/7	7:30						
[illegible]	6/7/91	15:30	[illegible]	6/7	1550						

REMARKS: C-807504

First Environmental Laboratories, Inc.
2 Stewart Court
Bridgeview Business Park
Denville, New Jersey 07834

(201) 328-3900 • FAX (201) 328-6740

CHAIN OF CUSTODY RECORD

Client: Aqua Terra Environmental Consultants

Address: 141 5th Avenue
Brooklyn, NY

Project Description:
242 5th St.
Brooklyn N.Y.

Phone #: 212-675-6000 Contact: Mark Lavella

Report Due Date:

Required Report Format

☐ CLP ☐ NJDEP Tier II

☐ ECRA ☐ Results Only

☐ Other New York State
(Specify)

Mark Lavella
Sampler's Signature

NO. OF SAMPLE CONTAINERS

STATION	DATE	TIME (Military)	SAMPLE DESCRIPTION	Volatile Organic Compounds	Acid Extractable Compounds	Base/Neutral Extractable Compounds	Pesticides	PCB's	Metals TCLP	Phenol	Cyanide	Petroleum Hydrocarbons	EP Toxicity - Organics	EP Toxicity - Inorganics	Reactivity	Ignitability	Corrosivity	(Other)	(Other)	REMARKS
Location #1	6/4/11	16:06	Soil	✓				✓												
#1	"	16:06	"																	
Location #2	"	16:25	"	✓																
#2	"	16:26	"					✓												
Location #3	"	16:45	"	✓																
#3	"	16:45	"					✓												
Location #4	"	17:00	"	✓																
#4	"	17:00	"					✓												
Location #5	"	17:11	"	✓																
#5	"	17:11	"					✓												

Relinquished by (Signature)	Date	Time (Military)	Received by (Signature)	Date	Time (Military)	Relinquished by (Signature)	Date	Time (Military)	Received by (Signature)	Date	Time (Military)
Mark Lavella	6-6-11	17:30		6/6	17:30						
	6/7/11	15:50	L Lemke	6/7	15:50						

REMARKS

L-807504

PHASE I ENVIRONMENTAL SITE ASSESSMENT

252 3rd Street
Brooklyn, New York 11215

Prepared for
252 Third Street Realty LLC
60 East 56th Street Floor 9
New York, NY 10022

Prepared by

61 Broadway
Suite 1601
New York, NY 10006

DRAFT
November 2015

EXECUTIVE SUMMARY

Integral Engineering, P.C. (Integral) has completed a Phase I environmental site assessment (ESA) for the property located at 252 3rd Street, Brooklyn, New York (the subject property). The subject property is further identified by Block 980 and Lot 19; and is bound by 3rd Street to the north, two large single story commercial buildings with parking lots to the east and south, and a three story industrial warehouse to the west.

The subject property exists within an urbanized area and currently consists of a gravel parking lot for Consolidated Edison that convers the entirety of the lot. The subject property historically operated as a coal storage yard for approximately 55 years between 1888 through 1942 with a coal pocket (large storage shed and conveyor). Stored coal was conveyed to the southern boundary of the property and onto floating barges parked at the former 5th Street Basin (of the Gowanus Canal). Around 1951, the 5th Street Basin was filled. From 1965 through 1980, a metal plating and auto-body shop operated on the northern frontage of the subject property adjacent to 3rd Street. From 1980 on, following the demolition of the metal plating and auto-body shop, the subject property has operated as a parking lot and has not been improved with permanent buildings.

This Assessment has revealed evidence of four recognized environmental conditions (RECs) in connection with the subject property.

ONSITE RECOGNIZED ENVIRONMENTAL CONDITIONS

This Assessment has revealed evidence of one onsite REC in connection with the subject property.

REC 1 – Historic Use of the Subject Property as a Metal Plating and Automotive Body Shop

A metal plating facility and an automotive body shop existed along the northern frontage of the subject property, adjacent to 3rd Street, from 1965 through 1980. Plating operations and automotive services on the subject property constitute a REC.

OFFSITE RECOGNIZED ENVIRONMENTAL CONDITIONS

The Assessment has also revealed evidence of three adjoining and offsite RECs in connection with the subject property.

REC 2 – Filling in of 5th Street Basin

Records show that along the southern boundary of the subject property, the former 5th Street Basin was filled in around 1951. New York City canals filled in during this time period

typically were filled with what is now known as historic fill. Historic fill may be solid waste, including coal ash, wood ash, municipal solid waste incinerator ash, construction and demolition debris, dredged sediments, railroad ballast, refuse and land clearing debris, which was used prior to October 10, 1962 (6 NYCRR 375-1.2 [x]). The filling of this basin with likely historic fill, is considered an offsite REC.

REC 3 – Gowanus Canal Superfund Site

At a proximity of 300 feet west of the subject property, the Gowanus canal has been listed on the National Priorities List (NPL; "Superfund") and classified as a significant threat to the public health or environment. Numerous contaminants of concern exist within the canal and surrounding areas. Efforts are currently underway by potentially responsible parties to investigate and remediate the canal. The site is identified in the NPL under EPA ID: NYN000206222. The proximity of the Gowanus Canal is considered an offsite REC.

REC 4 – Historical Use of Adjoining Properties

The environmental database review identified three adjoining properties with extensive environmental records that indicated the presence or likely presence of petroleum or hazardous materials under threat of material release.

Northern Boundary:

- Consolidated Edison – Third Avenue Yard: This property contains numerous NYSDEC spill numbers, two of which are still listed as open (Spill Numbers 0203307 and 9808009). There are also a significant amount of disposal manifests associated with the use of this property.

Eastern Boundary:

- Pep Boys Automotive Facility – Store Number 0247: There are numerous listings which identify this property in manifest and UST listings. In addition to these listings, the property is utilized as an automobile service station further increasing the likelihood of a petroleum release near the subject property.

Southern Boundary:

- U-Haul Moving and Storage of Park Slope: There are numerous listings which identify this property in manifest and UST listings. In addition to these listings, the property is utilized as an automobile service station further increasing the likelihood of petroleum impacts near the subject property.

Database listings for spills, manifests, and hazardous waste handlers have identified these sites numerous times. The current and historical operation of these facilities, which adjoin the subject property, and the presence or likely presence of petroleum or hazardous materials under threat of material release is considered an offsite REC.

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ACRONYMS AND ABBREVIATIONS

AST	aboveground storage tank
ASTM	ASTM International
AUL	activity and use limitation
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
CORRACTS	Corrective Action Sites
CREC	controlled recognized environmental condition
EDR	Environmental Data Resources Inc.
EPA	U.S. Environmental Protection Agency
FOIA	Freedom of Information Act
FOIL	Freedom of Information Law
HREC	historical recognized environmental condition
Integral	Integral Engineering, P.C.
LAST	Leaking Aboveground Storage Tank Incidents Management Database
LUST	Leaking Underground Storage Tank Incidents Management Database
LUST TRUST	Leaking Underground Storage Tank Trust Fund
NYSDEC	New York State Department of Environmental Conservation
NPL	National Priority List
RCRA	Resource Conservation and Recovery Act
REC	recognized environmental condition
SHWS	state hazardous waste site(s)
UST	underground storage tank
VEC	Vapor Encroachment Condition

1 INTRODUCTION

1.1 SITE DESCRIPTION

Integral Engineering, P.C. (Integral) has completed a Phase I environmental site assessment (ESA) for the property located at 252 3rd Street, Brooklyn, New York (the subject property). The subject property is further identified by Block 980 and Lot 19; and is bound by 3rd Street to the north, two large single story commercial buildings with parking lots to the east and south, and a three story industrial warehouse to the west.

The subject property exists within an urbanized area and currently consists of a gravel parking lot for Consolidated Edison that convers the entirety of the lot. The subject property historically operated as a coal storage yard for approximately 55 years between 1888 through 1942 with a coal pocket (large storage shed and conveyor). Stored coal was conveyed to the south boundary[1] of the property and onto floating barges parked at the former 5th Street Basin (of the Gowanus Canal). Around 1951, the 5th Street Basin was filled. From 1965 through 1980, a metal plating and auto-body shop operated on the northern frontage of the subject property adjacent to 3rd Street. From 1980 on, following the demolition of the metal plating and auto-body shop, the subject property has operated as a parking lot and has not been improved with buildings.

A site location map is included as Figure 1. A general site plan is included as Figure 2.

1.2 PURPOSE AND SCOPE OF SERVICES

This Phase I ESA was conducted for the subject property at 252 3rd Street, Brooklyn, New York. The ESA has been prepared by Integral in general accordance with the ASTM International (ASTM) E1527-13 *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* and is intended for the sole use of 252 Third Street Realty, LLC (the user).

The purpose of this assessment is to identify recognized environmental conditions (RECs) at the subject property, as defined by the ASTM E1527-13 standard. Completion of this report may be used to satisfy one of the requirements for 252 Third Street Realty, LLC to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations pursuant to Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), thereby constituting all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice, as defined by CERCLA 42 U.S.C. §9601(35)(B).

[1] The subject property's south boundary refers to the border directly adjacent to the former 5th Street Canal.

The Scope of Services for this Phase I ESA included the following tasks:

- Subject property and vicinity reconnaissance
- Subject property and vicinity description and physical setting
- Historical source review and description of historical subject property conditions
- Interviews with owners, operators, and/or occupants of the subject property and/or local officials
- Review of environmental databases and regulatory agency records
- Review of previous environmental reports/documentation, as applicable
- Review of environmental liens
- Preparation of a report summarizing findings, opinions, and conclusions.

Pursuant to the ASTM E1527-13 standard, recommendations to conduct Phase II sampling or other assessment activities are not required to be included in this report. Integral can provide such recommendations upon request.

1.3 ADDITIONAL SERVICES

No additional services were performed outside the scope of the ASTM E1527-13 standard. For reference, out-of-scope services may include but are not limited to:

- Asbestos
- Radon
- Lead-based paint
- Lead in drinking water
- Wetlands
- Regulatory compliance
- Cultural and historic resources
- Industrial hygiene
- Health and safety
- Ecological resources
- Endangered species
- Indoor air quality including vapor intrusion
- Biological agents
- Mold

1.4 LIMITATIONS AND DEVIATIONS

1.4.1 Accuracy and Completeness

The ASTM E1527-13 standard recognizes inherent limitations for Phase I ESAs that apply to this report, including:

- Uncertainty not eliminated—No Phase I ESA can wholly eliminate uncertainty regarding the potential for RECs in connection with a subject property. Data gaps identified during this ESA are discussed in Section 8.4.
- Not exhaustive—A Phase I ESA is not an exhaustive investigation.
- Past uses of the property—A review of standard historical sources at intervals less than five years is not required.

A Phase I ESA is a limited inquiry into a property's environmental status; it cannot wholly eliminate uncertainty and is not an exhaustive assessment to discover every potential source of environmental liability. This ESA was performed in general accordance with ASTM E1527-13. Integral has endeavored to meet this standard of care, which may be limited by conditions encountered during performance, the scope of work, or inability to review information not received by the report date. Where appropriate, these limitations are discussed in the report and an evaluation of their significance with respect to our findings has been conducted.

In conducting the limited scope of services described herein, certain sources of information and public records, some of which may document environmental concerns, were not reviewed. The Phase I ESA is intended to reduce, but not eliminate, uncertainty regarding the potential for RECs. No warranties, express or implied, are intended or made. The limitations herein must be considered when the user of this report formulates opinions as to risks associated with the site or otherwise uses the report for any other purpose. These risks may be further evaluated, but not eliminated, through additional research or assessment.

This report presents Integral's observations, findings, and conclusions as they existed at the time of the property reconnaissance. Integral makes no representation or warranty that past or current operations at the property are or have been in compliance with all applicable federal, state, and local laws, regulations, and codes. Integral makes no guarantees as to the accuracy or completeness of information obtained from others during the course of this ESA. It is possible that information exists beyond the scope of this assessment or that information was not provided to Integral. Additional information subsequently provided, discovered, or produced may alter findings or conclusions made in this report. Integral is under no obligation to update this report to reflect such subsequent information. The findings presented in this report are based on reasonably ascertainable information and observed property conditions at the time of the assessment.

This report does not warrant against future operations or conditions, nor does it warrant against operations or conditions present of a type or at a location not assessed. Regardless of the findings stated in this report, Integral is not responsible for consequences or conditions arising from facts that were not fully disclosed during the assessment.

Environmental Data Resources Inc. (EDR), an independent data research company, provided the government agency databases referenced in this report. Information regarding surrounding area properties was requested for approximate minimum search distances and was assumed to be correct and complete unless obviously contradicted by Integral's observations or other credible, referenced sources reviewed during the assessment.

Integral does not provide legal advice. Any reference to legal issues or terms is provided as part of the general environmental risk assessment and is not a substitute for the advice of competent legal counsel.

1.4.2 User Reliance / Continued Validity

This ESA was prepared for the exclusive use and reliance of 252 Third Street Realty, LLC (the user). Use or reliance by any other party is prohibited without the written authorization of Integral.

This report is presumed to be valid, in accordance with, and subject to the limitations specified in the ASTM E1527-13 standard, for a period of 180 days from completion, or until the user obtains specific information that may materially alter a finding, opinion, or conclusion in this report or until 252 Third Street Realty, LLC is notified by Integral that it has obtained specific information that may materially alter a finding, opinion, or conclusion in this report. Additionally, pursuant to the ASTM E1527-13 standard, this report is presumed valid if completed less than 180 days prior to the date of acquisition of the property or (for transactions not involving an acquisition) the date of the intended transaction.

2 SUBJECT PROPERTY DESCRIPTION

2.1 LOCATION

Tax Block:	980
Tax Lot:	19
Address:	252 3rd Street
City:	Brooklyn / New York City
County:	Kings
State:	New York
Property Owner:	252 Third Street Realty, LLC

2.2 IMPROVEMENTS

Current improvements are listed in the following table.

Feature	**Description**
Buildings:	None
Exterior areas:	Gravel Parking Lot
Utilities:	Electric Utility Poles

2.3 CURRENT AND HISTORICAL USE

2.3.1 Current Subject Property Use(s)

The subject property is currently used as a parking lot for Consolidated Edison, which owns the property to the north. The subject property is not improved with any structures and consists of a gravel parking lot.

2.3.2 Previous Owner and Operator Information

Based on information provided by the User (Section 5), the historical record review (Section 3), and/or interviews conducted during this Phase I (Section 6), historical Site ownership and operator information are provided in the tables below.

Subject Property Owner	From	To
Thos W. Woods Sons Inc. (Sanborn)	1888	1943
Lewis Goldberg – Wengo Trading Corporations (Wengo)	1943	1946
David Zirinsky	1946	1951
Richard Zirinsky and Industrial Park Construction Corp.	1951	1997
252 Third Street Realty, LLC	1997	Current

Subject Property Operator	From	To
Thos W. Woods Sons Inc. - Coal Yard	1888	1943
Vacant Coal Storage and Soap Manufacturing Operations – Wengo	1943	1946
Victory Soap and Raye Chas Extinguisher Service	1946	1960
Barrett Plating & Polishing Corp.	1960	1976
Vacant	*1976*	*1980*
Consolidated Edison Parking Lot	1980	Current

2.4 PHYSICAL SETTING

Site Elevation:	19 feet above sea level
Site Topography:	Flat
Surrounding Properties:	Urban setting with industrial, commercial, and residential improvements.
Local Soils:	Urban Land – Historic fill; silty sands at depth.
Local Geology:	Glacial and alluvial deposits dominate the surficial geology; underlying bedrock geology is unknown (USGS, 1995)
Groundwater Depth:	Assumed to be shallow given the proximity to the Canal; no wells in the vicinity have been identified.
Groundwater Flow:	Southwest

Nearest Surface Water:	The Gowanus Canal is located approximately 300 feet southwest.
Flood Zones:	Approximately 300 feet east of a 100-year flood zone (FEMA 2015).

2.5 SURROUNDING PROPERTY USES

Direction	Adjoining Properties	Surrounding Properties
North	Consolidated Edison - Yard	Commercial/Residential Buildings
South	U-Haul Moving and Storage	New York Methodist Hospital and Washington Park
East	Staples and Pep Boys Auto Parts Service	Commercial/Residential Buildings
West	4 Story Commercial Building	Fourth Street Basin (Gowanus Canal) and Commercial Grocery Store.

3 HISTORICAL SEARCH

According to ASTM Standard E1527-13, all obvious uses of the subject property shall be identified from the present, back to the subject property's obvious first developed use, including agricultural use, or back to 1940, whichever is earlier. A search was performed for available aerial photographs (Appendix A), historical topographic maps (Appendix B), city directories (Appendix C) and Sanborn Maps (Appendix D).

3.1 SOURCES OF INFORMATION

Information regarding the historical uses of the subject property and the vicinity was obtained from various publicly available and practically reviewable sources including: aerial photographs; Sanborn fire insurance maps; topographical maps; city directories; local municipal records; an environmental database report; and interviews with subject property representative(s) and regulatory agency official(s), as necessary. Historical research documentation is included in the appendices.

3.2 HISTORICAL USE INFORMATION

Historical use information regarding the subject property and surrounding properties was obtained from aerial photographs (scale 1" = 500') dated 1924, 1940, 1943, 1951, 1954, 1961, 1966, 1971, 1974, 1980, 1994, 1995, 2006, 2009 and 2011; Sanborn fire insurance maps dated 1888, 1906, 1926, 1951, 1965, 1978, 1979, 1980, 1982, 1985, 1987, 1988, 1991, 1992, 1993, 1994, 2001, 2002, 2003, 2004, 2005, 2006, and, 2007; topographic maps dated 1900, 1947, 1956, 1967, 1979, and 1995; and city directories dated 1928, 1934, 1940, 1945, 1949, 1960, 1965, 1970, 1973, 1976, 1980, 1985, 1992, 1997, 2000, 2005, 2008, and 2013.

3.2.1 Subject Property Operational History

Year	Source	Subject Property History
1888	Sanborn Map	"Thos W. Wood Coal Yard" and a coal shed within the bounds of the subject property parcel are noted.
1900	Topographic Map	The block surrounding the subject property is defined with a rectangular polygon, representing a warehouse like structure. The 5th Street Basin is visible to the south of the subject property.
1906	Sanborn Map	The subject property is identified as "Thos W. Woods Sons". A larger coal shed is now noted to occupy the majority of the parcel. The 5th Street Basin is noted along the south boundary of the subject property.
1924	Topographic Map	No significant changes are noted in comparison to the 1900 Topographic map.

Year	Source	Subject Property History
1924	Aerial Photo	The "Coal Pocket" structure is visible, as are the office and stable building (depicted on the 1926 Sanborn Map, described below). The 5th Street Basin and barges are visible.
1926	Sanborn Map	"Thos W. Woods Sons Inc." still occupies the parcel. A structure identified as "Coal Pocket" is located in the center of the parcel with trestles running to the southwest boundary of the parcel. Along the frontage adjacent to 3rd street an office, stable building, and gate are noted.
1940	Aerial Photo	The photo quality is poor for this time period and structures on the subject property are not defined. The 5th Street Basin is still visible.
1943	Aerial Photo	The photo quality is poor for this time period; no significant changes are noted at the subject property.
1951	Sanborn Map	"Thos W. Woods Sons Inc." is no longer noted on the parcel. The structure identified as "Coal Pocket" still exists in the center of the parcel, is noted to be thirty-five feet high and "not used". A conveyer running to the southwest boundary of the parcel is present. Along the frontage of 3rd street, the office, stable building and gate are still noted.
1951	Aerial Photo	The "Coal Pocket", office and stable structures are visible. The 5th Street Basin is filled at the southwestern boundary of the subject property.
1954	Aerial Photo	The office and stable structures are visible. Six circular structures are visible in the central portion of the parcel formally noted as "Coal Pocket".
1959	Topographic Map	The office building and "Coal Pocket" are noted, as well as the 5th Street Basin.
1961	Aerial Photo	The majority of the parcel is vacant except for the northern frontage along 3rd Street. The rectangular building, containing the previously noted office, is visible.
1965	Sanborn Map	The "Coal Pocket" structure is no longer present, and the rear two thirds of the parcel is now vacant. Along the northern parcel frontage at 3rd street a single story structure remains and contains commercial operations noted as "Plating", "Soap Manufacturing", and contains an office.
1966	Aerial Photo	The rectangular building is still visible along the northern frontage of 3rd Street. The rear two thirds of the parcel appear to be a parking lot occupied by automobiles.
1967	Topographic Map	No structures are noted at the subject property; the block is identified as an urban area (pink tint).
1971	Aerial Photo	No significant changes are noted at the subject property; parcel observations are similar to 1966.

Year	Source	Subject Property History
1974	Aerial Photo	Automobiles are no longer parked on the rear two thirds of the parcel; vegetation appears along the parcel boundaries. No other significant changes are noted at the subject property.
1978-1980	Sanborn Map	No significant changes are noted at the subject property.
1978	Municipal Records	A certificate of occupancy identifies a metal plating factory and motor vehicle repair shop at the subject property.
1980	Aerial Photo	Automobiles are parked on the rear two thirds of the parcel. No other significant changes are noted at the subject property.
1987-1994	Sanborn Map	The subject property is vacant with no structures noted.
1994	Aerial Photo	The subject property is vacant with automobiles parked throughout the parcel, which appears to be paved.
1995	Aerial Photo	The photo quality is poor for this time period and the subject property condition is not visible.
1995	Topographic Map	No significant changes are noted at the subject property.
2001-2007	Sanborn Map	The subject property is vacant with no structures noted.
2006-2011	Aerial Photo	The subject property is vacant with automobiles parked throughout the parcel.

3.2.2 Adjoining Property History

Year	Source	Adjoining Property History:
1888	Sanborn Map	*Northern Boundary*: A water pipe is noted under 3rd Street, the adjacent block is demarcated but no structures are noted.
		Eastern Boundary: No structures are defined
		Southern Boundary: No structures are defined.
		Western Boundary: No structures are defined.
1900	Topographic Map	*Northern Boundary*: Block appears to be undeveloped, but is demarcated
		Eastern Boundary: Block appears to be undeveloped, but is demarcated
		Southern Boundary: Block appears to be undeveloped, but is demarcated. The 5th Street Basin is visible connected to the Gowanus Canal.

Year	Source	Adjoining Property History:
		Western Boundary: Block appears to contain a large rectangular commercial structure.
1906	Sanborn Map	*Northern Boundary*: Fire hydrants are noted along 3rd Street, the adjacent contains a baseball park defined as "Washington Park, Brooklyn Ball Club".
		Eastern Boundary: "WM Nungasser Coal Yard" is noted for the first time; the parcel contains a "Coal Shed" and an office building.
		Southern Boundary: The 5th Street Basin is first noted; the basin is the eastern most extent of the Gowanus Canal.
		Western Boundary: "American Can Co., Somers Branch" occupies a large portion of the block; the building is noted to contain tin ware manufacturing operations and is equipped with an independent electric plant ("I.E.P.").
1924	Aerial Photo	*Northern Boundary*: The "Washington Park, Brooklyn Ball Club" is visible.
		Eastern Boundary: The neighboring coal yard and structures are visible.
		Southern Boundary: 5th Street Basin and barges are visible.
		Western Boundary: The neighboring tin-ware manufacturing building is noted and appears to be comprised of several smaller buildings.
1924	Topographic Map	*All Boundaries*: No significant changes are noted in comparison to the 1900 Topographic Map.
1926	Sanborn Map	*Northern Boundary*: The baseball park is noted as "Washington Park Ware House Corporation; Now Owned by Brooklyn Edison Company".
		Eastern Boundary: "Gowanus Coal Co. Inc." now occupies this adjacent lot; the coal shed and small buildings still occupy the parcel.
		Southern Boundary: The 5th Street Basin is still present.
		Western Boundary: "American Can Co." warehouse occupies the remainder of the western block; seven smaller buildings make up the entire warehouse structure and are associated with "American Can Co."
1940	Aerial Photo	*Northern Boundary*: The baseball park is no longer noted; in its place are several, large, commercial buildings, believed to be associated with Consolidated Edison Company of NY (Sanborn 1951)
		Eastern Boundary: The adjacent parcel appears to be a parking lot; the photo quality is poor for this time period.
		Southern Boundary: The 5th Street Basin is still present.
		Western Boundary: "American Can Co." warehouse still occupies the remainder of the western block.

Year	Source	Adjoining Property History:
1943	Aerial Photo	*All Boundaries*: No significant changes were noted from the 1940 aerial photo.
1951	Sanborn Map	*Northern Boundary*: The block is occupied by numerous storage garages and yards, as well as manufacturing shops associated with "Consolidated Edison Co. of N.Y. Inc."
		Eastern Boundary: The adjacent parcel has no structures demarcated.
		Southern Boundary: The 5th Street Basin appears to be filled in; there are no demarcations for the canal noted. The filling of this basin with likely historic fill is considered a REC.
		Western Boundary: The canning warehouse still occupies the remainder of the western block, and is noted as "Metropolitan Warehouse, American Can".
1951	Aerial Photo	*Northern Boundary*: The storage garages and yards, as well as manufacturing shops associated with "Consolidated Edison Co. of N.Y. Inc." are visible *Eastern Boundary*: The adjacent parcel is occupied by a parking lot. *Southern Boundary*: The 5th Street Basin has been filled in. The filling of this basin with unknown contents is considered a REC. *Western Boundary*: The canning warehouse still occupies the remainder of the western block, and is visible.
1954	Aerial Photo	*All Boundaries*: No significant changes are noted in comparison to the 1951 Aerial Photo.
1956	Topographic Map	*All Boundaries*: Urban areas have been tinted pink, and neighboring factories are identified by black rectangles.
1961	Aerial Photo	*Eastern Boundary*: The adjacent parcel is occupied by a visibly paved parking lot.
		All Other Boundaries: No significant changes are noted in comparison to the 1954 Aerial Photo.
1965	Sanborn Map	*Eastern Boundary*: The adjacent parcel noted to be a parking lot with a filling station noted slightly east of the center of the parcel. *All Other Boundaries*: No significant changes are noted in comparison to the 1951 map.
1966	Aerial Photo	*All Boundaries*: No significant changes are noted in comparison to the 1961 Aerial Photo.
1967	Topographic Map	*Northern Boundary*: No significant changes are noted in comparison to the 1956 topographic map. *Eastern Boundary*: The entire parcel is tinted pink, signifying Urban Area.

Year	Source	Adjoining Property History:
		Southern Boundary: The 5th Street Basin is no longer present. *Western Boundary*: The entire parcel is tinted pink, signifying Urban Area.
1971-1995	Aerial Photo	*All Boundaries*: No significant changes are noted during this time period
1978-1994	Sanborn Map	*All Boundaries*: No significant changes are noted during this time period
2001-2002	Sanborn Map	*Eastern Boundary*: The adjacent parcel contains a newly-constructed (1999) commercial warehouse. *All Other Boundaries*: No significant changes are noted in comparison to the 1994 map.
2006	Aerial Photo	*Eastern Boundary*: The adjacent parcel contains a newly constructed (1999) commercial warehouse. *All Other Boundaries*: No significant changes are noted in comparison to the 1995 photo.
2003-2007	Sanborn Map	*Eastern Boundary*: The adjacent parcel's commercial building is depicted as "Staples" and "Auto Supply". *All Other Boundaries*: No significant changes are noted in comparison to the 1994 map.
2009-2011	Aerial Photos	*All Boundaries*: No significant changes are noted in comparison to the 2006 photo.

3.2.3 Surrounding Property History

Surrounding properties identified in this section are located on the neighboring blocks beyond the adjoining properties.

Year	Source	Surrounding Property History:
1888	Sanborn Map	*North*: No structures are defined *East*: No structures are defined *South*: No structures are defined. *West*: "Somers Bro's Decorated Tinware" is first noted.
1900	Topographic Map	*All Directions*: Numerous blocks are defined; contours show drainage towards the Gowanus Canal

Year	Source	Surrounding Property History:
1906	Sanborn Map	*North*: "Washington Park, Brooklyn Ball Club" and residential row house developments are noted.
		East: No structures are defined; 4th Avenue is visible
		South: The 5th Street Basin is first noted; "American Ice Co" is also noted across the canal.
		Western Boundary: "American Can Co., Somers Branch" occupies the remainder of the block.
1924	Aerial Photo	*North*: The "Washington Park, Brooklyn Ball Club" and urban block development are visible.
		East: Across 4th Avenue the near blocks appear vacant, residential row houses are also visible
		South: 5th Street Basin and barges are visible as well as commercial yards and buildings.
		West: Manufacturing and other commercial like buildings are noted on the western block across 3rd Avenue; the Gowanus canal is visible.
1924	Topographic Map	*All Directions*: No significant changes are noted in comparison to the 1900 Topographic Map.
1926	Sanborn Map	*North*: No significant changes from the 1906 map are noted.
		East: Commercial operations noted as "Metal Works", "Electric Welding", "Woodworking", "Stores & Auto Sales RM" occupy the 4th Avenue frontage of the block.
		South: The 5th Street Basin is still present. The commercial operation noted as "Standard Kalamen Door Co., Inc." occupies the block across the canal; it appears to be a lumber and junk yard.
		West: No significant changes from the 1906 map are noted.
1940 and 1943	Aerial Photos	*North*: The baseball park is no longer noted; commercial; and residential development appears.
		Eastern Boundary: Buildings are noted along the 4th Avenue frontage of the block; a park appears across 4th Avenue.
		South: The 5th Street Basin is still present with the adjacent block appearing to be mostly vacant. Buildings are noted along the 4th Avenue frontage of the block.
		West: Large commercial looking buildings dominate the area; the Gowanus canal is visible.
1951	Sanborn Map	*North*: Consolidated Edison operations dominate the neighboring block; further north the row houses have been replaced by a school.

Year	Source	Surrounding Property History:
		East: Commercial operations include metal manufacturing filling stations and auto sales. Three gas tanks are at the corner of the block near the intersection of 3rd Street and 4th Avenue; a filling station south down 4th avenue also contains four gas tanks.
		South: The 5th Street Basin appears to be filled in; commercial operations noted as "Auto Wrecking" and "Eagle Clothes" (a clothing manufacturer) are present.
		West: No significant changes from the 1926 map are noted.
1951	Aerial Photo	*South*: A large warehouse type building is now visible.
		All Other Directions: No significant changes are noted in comparison to the 1943 photo.
		Southern Boundary: The 5th Street Basin has been filled in.
1954	Aerial Photo	*All Directions*: No significant changes are noted in comparison to the 1951 Aerial Photo.
1956	Topographic Map	*All Directions*: Urban areas have been tinted pink, blocks and roads are more clearly defined.
1961	Aerial Photo	*All Directions*: No significant changes are noted in comparison to the 1954 Aerial Photo.
1965	Sanborn Map	*East*: Two filling stations are noted along 4th avenue, as well as a private garage.
		South: "Eagle Clothes" still exists; a parking lot is now noted where the junk yard used to exist.
		All Other Boundaries: No significant changes are noted in comparison to the 1951 map.
1966	Aerial Photo	*All Directions*: No significant changes are noted in comparison to the 1961 Aerial Photo.
1967	Topographic Map	*All Directions*: Urban areas have been tinted pink, blocks and roads are more clearly defined.
1971-1995	Aerial Photo	*All Directions*: No significant changes are noted during this time period
1978	Sanborn Map	*All Directions*: No significant changes are noted during this time period
1979	Sanborn Map	*West*: Across 3rd Avenue, Freight storage and loading docks are noted for the first time.

Year	Source	Surrounding Property History:
		All Other Directions: No significant changes are noted in comparison to the 1978 map.
1979 and 1995	Topographic Map	*All Directions*: No significant changes are noted
1980	Sanborn Map	South: "U-Haul Stge & Rental" is noted over the warehouse formally noted as Eagle Clothes.
		All Other Directions: No significant changes are noted in comparison to the 1979 map.
1982-1994	Sanborn Map	*All Directions*: No significant changes are noted in comparison to the 1980 map.
2006	Aerial Photo	*East*: Along 4th Avenue, commercial structures have been demolished and a parking lot now exists; a residential tower is also noted for the first time.
		West: Across 3rd Avenue, the lot formally containing freight storage is vacant.
		All Other Directions: No significant changes are noted.
2001-2005	Sanborn Map	*East*: Along 4th Avenue, commercial structures have been demolished and a parking lot now exists.
		All Other Directions: No significant changes are noted.
2006-2007	Sanborn Map	*West*: Across 3rd Avenue, the lot formally containing freight storage is vacant; brick storage is noted.
		All Other Boundaries: No significant changes are noted in comparison to the 2005 map.
2009-2011	Aerial Photo	*East*: The filling station formally at the corner of 3rd Street and 4th Avenue is now a vacant lot.
		All Other Directions: No significant changes are noted in comparison to the 2006 photo.

3.3 PREVIOUS REPORTS

No previous reports regarding the subject property were provided to us, and we did not identify any such reports during this Phase I ESA.

3.4 ENVIRONMENTAL DATABASE SEARCH

A search of regulatory databases, including federal, state, and local databases that maintain records regarding potential and actual environmental threats within search distances specified in ASTM E1527-13 was performed by EDR. The minimum search distance for specific government records varied from 0.0 miles (subject property only) to 1.0 mile, in accordance with the requirements of ASTM E1527-13.

Integral reviewed each environmental database on a record-by-record basis as provided in the August 25, 2015, *Radius Map Report* (Appendix E). The environmental databases contained listings for the subject property and listings of properties within the specified radii, which are discussed in the subsequent sections.

Several orphan sites (i.e., sites where the address information is insufficient to locate the property on a map) were identified. Based on a review of available information provided for the orphan sites, none appears to be related to the subject property. A complete list of orphan sites is provided in Appendix E.

Sites of environmental concern that have the potential to impact the subject property are discussed in this section (including relative distance, direction, and assumed hydraulic gradient). A detailed description of RECs, CRECs, HRECs, or *de minimis* conditions, if any, resulting from these listings has been provided in the Findings and Opinions section of this report (Section 8).

3.4.1 Federal Databases

The standard environmental records searched in EDR's *Radius Map Report* (Appendix E) include the following federal databases: the National Priority List (NPL); Delisted NPL; Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS); CERCLIS No Further Remedial Action Planned site list; Resource Conservation and Recovery Act (RCRA) Corrective Action Sites (CORRACTS) facilities list; RCRA non-CORRACTS Transporters, Storage, and Disposal Facilities list; RCRA Generators list; Institutional Controls / Engineering Controls registries; and the Emergency Response Notification System list.

3.4.1.1 National Priority List

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

The subject property was not listed as an NPL site. However, one NPL site was listed within a mile radius of the subject property.

Lower Elevation:

- *Gowanus Canal* (295 feet west and relatively down gradient of the subject property) – Assigned the EPA ID NYN00020622, this listing identifies impacts to the Gowanus Canal. Activities associated Manufactured Gas Plants (MGPs), as well as PCB contamination, have been identified.

Integral has concluded that the Gowanus Canal NPL site represents a REC, as the proximity of the NPL site represents the likely presence of hazardous materials at the subject property.

3.4.1.2 CERCLIS

Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) is a compilation of known or suspected, uncontrolled or abandoned hazardous waste sites which the U.S. EPA has investigated or plans to investigate for a release or threatened release of hazardous substances pursuant to the Superfund Act of 1980 (CERCLA). Some of these sites may constitute a potential threat to human health and the environment. While it has been determined by the U.S. EPA that some CERCLIS sites require no action, others could pose a real or perceived environmental threat to neighboring properties, thus affecting property values.

No CERCLIS sites within one half-mile radius of the subject property have been identified in this search.

3.4.1.3 Federal CERCLIS NFRAP Site List (CERC-NFRAP)

Sites listed in this database have been removed and archived from the inventory of CERCLIS sites. Due to their archived status, all assessments made on these sites have satisfied the EPA's guidelines and regulations and therefore, no additional steps will be taken to list these sites on the NPL.

The subject property was not listed in the CERC-FRAP database. However, three properties within a half mile radius to the subject property were listed.

Lower Elevation:

- *BKLYN Union Gas/Citizens Gate Station* (0.2 miles west and at a relatively lower elevation to the subject property) 6th Street and 2nd Avenue – Following a preliminary assessment in 1986, the site was determined to not qualify for NPL status. It is identified by Site ID 0201995.

- *Vidan Auto Salvage* (0.35 miles north by northwest and relatively at a lower elevation to the subject property) 327-321 Bond Street - Following a preliminary assessment in 1991, the site was determined to not qualify for NPL status. It is identified by Site ID 0203501.
- *BKLYN Union Gas/Metropolitan Works* (0.43 miles west by southwest and at a relatively lower elevation to the subject property) 2nd Avenue and 12th Street - Following a preliminary assessment in 1986, the site was determined to not qualify for NPL status. It is identified by Site ID 0201976.

The above listings identified in the CERC-NFRAP listings do not represent a REC, CREC, HREC, or *de minimis* condition as they are unlikely to affect the subject property.

3.4.1.4 RCRA CORRACTS Facilities List (CORRACTS)

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

Equal/Higher Elevation:

- *Patterson Chemical* (0.33 miles northwest and relatively at the same elevation to the subject property) 102 3rd Street – Assigned EPA ID NYD980592471, the site was noted to be a general warehouse and chemical storage facility with freight trucking operations.

Lower Elevation:

- *Deboevoise CO* (0.81 miles southwest and relatively at a lower elevation to the subject property) 74 20th Street – Assigned EPA ID NYD091590471, the site was noted to contain paint and coating manufacturing.

The above listings identified in the CORRACTS database do not represent a REC, CREC, HREC, or *de minimis* condition as they are unlikely to affect the subject property.

3.4.1.5 RCRA Large Quantity Generators

RCRA Large Quantity Generators (RCRA-LQG) generate 1,000 kg or more of hazardous waste during any calendar month; or generates more than 100 kg if any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time.

The subject property was not listed in the RCRA-LQG database. However, nine properties within a quarter mile radius have been identified. Two of these listings are within an eighth of a mile of the subject property and have been summarized below.

Equal/Higher Elevation:

- *Con Edison – 3rd Avenue* (neighboring block to the north and relatively at a higher elevation to the subject property) 222 First Street – EPA ID: NYD0007062189. The hazardous waste code reported for this generator include B002; B004; B007; D001 (ignitable waste); D002 (corrosive waste); D006 (cadmium); D008 (lead); D009 (mercury); D010 (selenium); D011 (silver); D018 (benzene); D035 (methyl-ethyl-ketone); F001 and F002 (spent halogenated solvents). Several violations are noted in the listing, each of which received compliance status shortly after the report date.

Lower Elevation:

- *190-220 Third Street Store LLC* (315 feet to the west across 3rd Avenue and relatively lower to the subject property) 214 3rd Street – EPA ID: NYR000197178. The hazardous waste code reported for this generator was D008 (lead). No violations have been reported in this listing.

Based on our review of the above referenced listings and the additional seven listings not summarized here, Integral has concluded that these sites do not represent a REC, CREC, HREC, or *de minimis* condition, as the generation of hazardous waste does not, by itself, constitute an environmental condition that could potentially impact the subject property.

3.4.1.6 RCRA-SQG

The RCRA Small Quantity Generators (RCRA-SQG) list contains sites which generate, transport, store, treat, and/or dispose of hazardous waste in quantities greater than 100 kilograms, but less than 1,000 kilograms per month.

The subject property was not listed within the RCRA-SQG database. However, five properties within a quarter mile radius to the subject property were listed. Two listings exist within an eighth mile radius of the subject property and have been summarized below.

Equal/Higher Elevation:

- *Susan Maintenance* (420 feet south southeast and relatively at a higher elevation to the subject property) 374 4th Avenue – EPA ID: NYR000076091. The hazardous waste codes reported for this generator are D001 (ignitable waste); D018 (benzene); D039 (tetrachloroethylene); D040 (trichloroethylene). No violations have been reported in this listing.

Lower Elevation:

- *U-Haul Park Slope RERS* (adjoining property to the south of the subject property) 403 3rd Avenue – EPA ID: NYR000071357. The hazardous waste codes reported for this

generator are D001 (ignitable waste); D018 (benzene). No violations have been reported in this listing.

The handling of hazardous waste associated with the automotive service stations at "U-Haul Park Slope", which adjoins the south boundary of the subject property (facility detail in Section 4), is considered part of the adjoining property use REC.

Review of the above summarized listings and additional three listings, Integral has concluded that the remaining sites do not represent a REC, CREC, HREC, or *de minimis* condition, as the generation of hazardous waste does not, by itself, constitute an environmental condition that could potentially impact the subject property.

3.4.1.7 RCRA-CESQG

RCRA Conditionally Exempt Small Quantity Generators (RCRA-CESQG) generate 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg of less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time; 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, wastes or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste.

The subject property was not listed in the RCRA-CESQG database. However, six properties were identified within a quarter mile radius of the subject property. One of these sites is within an eighth mile of the subject property and has been summarized below.

Lower Elevation:

- *Con Edison* (500 feet southwest and at a relatively lower elevation to the subject property) 3rd Avenue and 6th Street – EPA ID: NYP004159976. No hazardous waste codes or violations were reported for this generator.

Based on our review of this listing and the additional five listings not summarized here, Integral has concluded that these sites do not represent a REC, CREC, HREC, or *de minimis* condition, as the generation of hazardous waste does not, by itself, constitute an environmental condition that could potentially impact the subject property.

3.4.2 State Databases

The state records reviewed include the state and tribal equivalent NPL, state and tribal equivalent CERCLIS, state and tribal landfill and/or solid waste disposal site lists, state and tribal leaking storage tank lists, state and tribal registered storage tanks lists, state and tribal

institutional control / engineering control registries, state and tribal voluntary cleanup sites, and state and tribal brownfield sites.

Sites of environmental concern that have the potential to impact the subject property have been outlined in this section based on their environmental records listing. A detailed description of any RECs, CRECs, HRECs, or *de minimis* conditions identified in association with these listings has been provided in the findings and opinions section of this report (Section 8).

3.4.2.1 State and Tribal Equivalent CERCLIS (NY SHWS)

Also referred to as the State Superfund Program, the Inactive Hazardous Waste Disposal Site Remedial Program is the cleanup program for inactive hazardous waste sites.

The subject property was not listed in the NY SHWS database. However, nine properties were listed within a one mile radius of the subject property. Three of these listings exist within a half mile of the subject property and have been summarized below.

Lower Elevation:

- *Gowanus Canal Site* (300 feet west and relatively at a lower elevation than the subject property) – Assigned site code 406956 this site is classified as a significant threat to the public health or environment, with action required. The canal is man-made waterway which occupies 29 acres within southeastern Brooklyn. Six square miles of urbanized land drain into the canal via numerous combined sewer connections. Numerous contaminants of concern exist within the canal and efforts are currently underway by various parties to investigate and remediate the canal.
- *K – Metropolitan MGP* (0.35 miles west southwest and at a relatively lower elevation to the subject property) 124-136 Second Avenue – Assigned site code 372656, this former manufactured gas plant (MGP) existed from the late 1800's to the late 1930's, and has since been completely redeveloped. The original footprint of the plant now occupied by a home improvement center and a strip mall. Groundwater is noted to flow southwest towards the Gowanus Canal. This site remains in noted as "action required".
- *Former O.Z. Electric* (0.48 miles north and relatively at a lower elevation to the subject property) 198 Douglass Street – Assigned site code 450318, this site contained historical manufacturing operations which have left tetrachloroethene (PCE) and benzene contaminated groundwater. The site is currently used as a storage warehouse, and environmental conditions are being monitored.

Based on our review of these listings, we have concluded that the Gowanus Canal does represent a REC, as the proximity to subject property indicates the presence or likely presence of hazardous materials or petroleum under conditions representing a release or material threat of release.

The remaining listings have been reviewed and Integral has concluded that these sites do not represent a REC, CREC, HREC, or *de minimis* condition, as contamination is unlikely to migrate from these sites to the subject property.

3.4.2.2 NY SWF/LF

The Solid Waste Facilities/Landfill (SWF/LF) Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular site.

A review of the NY SWF/LF list revealed that there are no NY SWF/LF records for the subject property. However, seven listings were within a half of a mile radius of the subject property. Two of these listings are within a quarter mile and have been summarized below.

Higher/Equal Elevation:

- *3rd Avenue Flush Truck* (located on neighboring block to the north and relatively at a higher elevation to the subject property) 222 First Street – The block is owned by Consolidated Edison Co. of NY Inc.; portions of the site have been permitted as a transfer station.

Lower Elevation:

- *Gowanus Canal Conservancy, Inc.* (0.19 miles west northwest and relatively at a lower elevation to the subject property) 2 Second Avenue – This is an active disposal facility that is registered to handle organic waste

Based on our review of the above and the additional five reviewed listings, Integral has concluded that these properties do not represent a REC, CREC, HREC, or *de minimis* condition as it is unlikely that contamination would travel from the sites to the subject property.

3.4.2.3 State and Tribal Leaking Storage Tank Lists

An inventory of reported leaking UST incidents is included in the Leaking Underground Storage Tank Incidents Management Database (LUST).

A review of LUST findings has revealed that there are no records that share the same address for the subject property in this database. However, forty LUST listings are within a half mile of the subject property. Following review of these listings the majority of these LUSTs and their associated spills, are minimal releases which were remediated and closed. The closed spills have been remediated to NYSDEC's satisfaction prior to closure.

RECs, CRECs, HRECs, or *de minimis* conditions associated with the LUST records would be identified under the spills database discussion.

3.4.2.4 State and Tribal Registered Storage Tank List

Underground Storage Tank Database

The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of RCRA. The data comes from the NYSDEC.

A review of UST findings revealed no records or properties that share the same address as the subject property. However, seventeen registered UST listings are identified within a quarter mile of the subject property. Seven listings are within an eighth of a mile of the subject property, and have been summarized below.

Equal/Higher Elevation:

- *Pep Boys #0247* (Adjacent property to the east of the subject property) 354 4th Avenue – Identified by Site ID: 2-032301, this is an active petroleum bulk storage (PBS) site. Unregulated USTs with twelve Tank IDs (51747, 51748, 51749, 51750, 51751, 51752, 51754, 51755, 51756, 51758, 54676, 54677), each a 550-gallon steel diesel UST, were removed and closed out on 4/1/98.
- *Parkside Service Center* (400 feet east southeast and relatively at a higher elevation to the subject property) 340 4th Avenue – Identified by Site ID: 2-347353, this is closed out PBS site. One 4,000-gallon steel gasoline UST; and eleven 550-gallon streel gasoline USTs were removed and closed out on 5/6/08.
- *343 4th Avenue* (480 feet south southeast and relatively at a higher elevation to the subject property) 343 4th Avenue – Identified by Site ID: 2-608144, this is closed out PBS site. Three 550-gallon steel gasoline UST; and four 275-gallon streel waste-oil USTs were installed on 12/1/02. A close out date is not available.
- *BP SS #13397* (500 feet south southeast and relatively at a higher elevation to the subject property) 363 4th Avenue – Identified by Site ID: 2-401455, this is closed out PBS site. Five 4,000-gallon steel gasoline USTs were removed and closed out on 3/13/2007. Prior to these UST removals, ten 550-gallon streel USTs (contents are not reported) were removed and closed out in 1991.
- *U-Haul Co of Metro NY* (Adjacent property to the south of the subject property) 259 6th Street – Identified by Site ID: 2-083976, this is closed out PBS site. One 4,000-gallon steel diesel UST; and two 4,000 gallon steel gasoline USTs were removed at an unknown date. The listing was modified on 3/4/04; therefore it is assumed the USTs were removed around this time.

Lower Elevation:

- *220 3rd Street* (450 feet west northwest and relatively at a lower elevation to the subject property) 220 3rd Street – Identified by Site ID: 2-610369, this is a closed out PBS Site. One 1,000-gallon and two 550-gallon steel gasoline UST were closed out and removed in 2005. Additionally, one 550-gallon steel diesel UST; two 550-gallon steel gasoline USTs;

and one 550-gallon steel UST with contents not reported, were closed out and removed in 2010.

- *Walter UMLA Labor Division of Dykes* (550 feet west southwest and relatively at a lower elevation to the subject property) 180 6th Street – Identified by site ID: 2-001694, this is a closed out PBS site. One 4,000-gallon steel #2 Fuel oil UST and one 550-gallon steel gasoline UST have been identified on this site. These USTs are still in service.

Following review of adjoining properties defined as "Pep Boys #0247" and "U-Haul Co of Metro NY" listings, Integral has concluded that these sites contribute to the adjoining property use REC described in Section 8 of this report. The presence of historical USTs on adjoining properties under conditions of material threat of release (due to age of the USTs) constitutes a REC.

Based on review of the additional UST listings, Integral has concluded that the remaining properties do not represent a REC, CREC, HREC, or *de minimis* condition due to the distance from the subject property.

MOSF and MOSF UST

Listings contained in this database are onshore facilities or vessels, with petroleum storage capacitates of 400,000 gallons or greater.

This subject property was not identified in this listing. However, one listing was identified within a half mile radius of the subject property and has been summarized below.

- *Bayside Fuel Oil Corp.* (0.4 miles north and relatively at a lower elevation to the subject property) 510 Sackett Street – Identified by ID: 2-1220, this listing is identified as an inactive fuel depot with an underground storage tank capacity of 1,501,000 gallon capacity.

Based on our review of the above listing, Integral has concluded that this property does not represent a REC, CREC, HREC, or *de minimis* condition due to the distance from the subject property.

Chemical Bulk Storage Site Listing (NY CBS)

Facilities identified within this database store regulated hazardous substances in ASTs with capacities of 185 gallons or greater, or in USTs of any size.

This subject property was not identified in this listing. However, one listing was identified within a quarter mile radius of the subject property and has been summarized below.

Equal/Higher Elevation:

- *Pep Boys #2047* (Adjoining property to the east of the subject property) 354 4th Avenue – Identified with CBS number 2-000417, this facilities status is reported as closed. The permit for CBS expired on 7/6/2007.

The property has previously been designated a REC in connection with adjoining property use. Inclusion in the NY CBS listing further supports this REC status.

AST

The Above Storage Tank database contains registered ASTs. The data comes from the NYSDEC.

A review of AST findings revealed no records or properties that share the same address as the subject property. However, twenty-seven registered AST listings are identified within a quarter mile of the subject property. Five listings are within an eighth of a mile of the subject property and have been summarized below.

Equal/Higher Elevation:

- *Pep Boys #2047* (adjoining property to the east of the subject property) 354 4th Avenue – Identified with facility ID: 2-032301 this site contains an in-service 250-gallon steel waste oil AST.

- *Susan Maintenance Corp.* (420 feet south southeast and at a relatively higher elevation to the subject property) 374 4th Avenue – Identified with facility ID: 2-611328 this site contains the following ASTs which are in-service; one 275-gallon steel motor oil AST; one 275-gallon steel transmission oil AST; one 275-gallon steel waste oil AST; one 275-gallon steel #2 fuel oil AST; and one 2,500-gallon steel 2 fuel oil AST.

Lower Elevation:

- *Park Slope U-Haul Rers* (occupies southern lot adjoining the subject property and is at a relatively lower elevation) 389 3rd Avenue – Identified by facility ID: 2-612146, this site contains one 275-gallon waste oil AST which is in service.

- *S. Miller Inc.* (530 feet west southwest of the subject property and is at a relatively lower elevation) 200 6th Street – Identified by facility ID: 2-286397, this site contains one 5,000-gallon #6 oil AST which has been closed in place.

- *RCC of Our Lady of Peace* (560 feet northwest and at an elevation relatively lower than the subject property) 201 1st Avenue – Identified by facility ID: 2-267562, this site contains one 5,000-gallon and one 10,000-gallon #2 fuel oil ASTs which are both in service.

Following review of adjoining properties listed as "Pep Boys #0247" and "U Park Slope U-Haul Rers", Integral has concluded that these sites contribute to the adjoining property use REC. The ASTs on adjoining properties may have released petroleum to the subject property.

Based on our review of the remaining listings, Integral has concluded that these properties do not represent a REC, CREC, HREC, or *de minimis* condition due to the distance from the subject property.

3.4.2.5 State and Tribal Institutional Controls / Engineering Controls Registries

The sites listed in this registry database have either institutional or engineering controls in place. Institutional controls include administrative measures to restrict exposure to contaminants remaining on site. Engineering controls include various physical constructs or treatment methods to eliminate the exposure of regulated substances to environmental media or human health.

NY ENGINEERING and INSTITUTIONAL CONTROLS

The subject property was not listed in either of these databases. However, one property was listed in both databases within a half mile radius of the subject property:

Lower Elevation:

- *Whole Foods Site* (400 feet west northwest and at a relatively lower elevation to the subject property) 210, 212, 220 3rd Street and 360 3rd Avenue – Identified by site code 333299, institutional controls are in place for groundwater use restriction. Vapor intrusion was identified in the engineering controls summary, and it is assumed that either an individual or combinations of remedial measures (ex. soil vapor extraction, soil vapor barrier) are in place.

Based on our review of the above summarized listing, Integral has concluded that this property does not represent a REC, CREC, HREC, or *de minimis* condition due to the distance from the subject property.

3.4.2.6 NYSDEC VCP and NYSDEC BROWNFIELDS

NY VCP

The voluntary cleanup program uses private monies to remediate contaminated sites to levels allowing for the sites' productive use. The program covers a wide variety of modestly contaminated sites.

The subject property was not listed in this database. However, two properties were listed within a half mile radius of the subject property.

Lower Elevation:

- *K-Metropolitan MGP* (0.35 miles west southwest and at a relatively lower elevation to the subject property) 124-136 Second Avenue – Identified by side code 57308, this property is active in the VCP program as it located on the former Metropolitan Works MGP site.

- *USPS Gowanus Site, Former MGP Metropolitan* (0.35 miles west southwest and at a relatively lower elevation to the subject property) 2nd Avenue and 12th Street – Identified by side code 58108, this property is active in the VCP program as is also located on the former Metropolitan Works MGP site.

Based on our review of the above summarized listings Integral has concluded that these properties do not represent a REC, CREC, HREC, or *de minimis* condition due to the distance from the subject property.

NY BROWNFIELDS

New York State Brownfield Cleanup Sites are defined as abandoned, idled, or under-utilized industrial and commercial sites where expansion or redevelopment is complicated by real or perceived environmental contamination.

The subject property was not listed in NY Brownfields database. However, fifteen NY brownfields sites are within one half mile of the subject property, including one listing located within an eighth miles radius of the subject property, which is listed below.

Lower Elevation:

- *Whole Foods Site* (400 feet west northwest and at a relatively lower elevation to the subject property) 210, 212, 220 3rd Street and 360 3rd Avenue – Assigned BCP Site Code: C224100, remediation at this site has been completed, with institutional and engineering controls in place (Section 3.4.2.5). Historic fill and semi-volatile organic compounds (PAH's) were the primary contaminants of concern.

Review of these fifteen sites has shown they are not located adjacent to the subject property, and potential residual impacts are at proximity of low concern. Therefore, these sites are not considered to be RECs, CRECs, HRECs, or d*e minimis* conditions.

3.4.3 Additional Environmental Records

3.4.3.1 Local Lists of Landfill/Solid Waste Disposal Sites

NY Solid Waste/Registered Recycling Facility List (SWRCY)

A review of the NY SWRCY list has revealed that the subject property was not identified. However three properties are identified within one half mile of the subject property. Each of these properties has been reviewed and they are not located adjacent to the subject property. Any potential release of petroleum or hazardous substances at these recycling facilities would be unlikely to impact the subject property due to the distance from the subject property.

Local Lists of Hazardous Waste/Contaminated Sites (NY DEL SHWS)

A review of the NY DEL SHWS list revealed that subject property was not identified. One property was noted in this database within one mile of the subject property. The property identified as "Carroll Gardens" at the corner of 5th street and Smith Street exists approximately one-half mile west northwest and across the Gowanus canal from the subject site. This site is not considered to be a REC, CREC, HREC, or *de minimis* condition due to the distance from the subject property.

3.4.3.2 Local Lists of Registered Storage Tanks

NY Historical USTs

Facilities identified in this list have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons. Detailed information is provided per site, but is no longer updated due to the sensitive nature of the information involved.

A review of the NY HIST UST list did not identify the subject property in the database. However, thirteen properties have been identified within a quarter mile radius of the subject property. One property, which was not previously identified in the UST section (Section 3.4.2.4) of this report, has been summarized as it exists on the neighboring block to the north of the subject property.

Higher Elevation:

- *Third Avenue Yard* (located on neighboring block to the north of the subject property) 222 1st Street – The site exists within the Consolidated Edison property which is listed under PBS number: 2-452726. In December 1980 two 4,000-gallon steel diesel USTs and one 4,000-gallon steel gasoline UST were removed and closed out. Additionally, one 2,500-gallon steel diesel and one 2,500-gallon steel gasoline UST were also removed in September 1998. Currently, the site is noted to contain two in-service 4,000-gallon fiberglass reinforced steel USTs, which contain diesel and gasoline respectively.

Based on review of this neighboring properties defined as "Third Avenue Yard", Integral has concluded that this site contributes to the adjoining property use REC. The presence of historical and current USTs on adjoining properties, which may have released petroleum that could have affected the subject property, is of concern.

3.4.3.3 Records of Emergency Release Reports

NY Spills

This database includes data collected on spills reported to the NYSDEC and is required by one of or more of the following: Article 12 of the Navigation Law, 6 NYCRR 613.8 (from PBS Regulations), or 6 NYCRR 595.2 (from CBS Regulations). It includes spills and tank test failures active as of April 1, 1986 to present.

A review of the NY Spills list has revealed that there are no listings for the subject property's address. However, seventy-three listings have been identified within an eighth mile of the subject property. Properties and their respective spill numbers which have not been closed out to the satisfaction of the NYSDEC have been summarized below.

Higher Elevation:

- *Commercial Business* (500 feet southeast and at a relatively higher elevation than the subject property) 362 4th Avenue – The site was formally a hospital maintenance building that contained a gasoline fueling station; associated USTs have been closed out in the past. During a recent property transaction, a Phase II investigation discovered petroleum impacts to soil and groundwater in the vicinity of these closed out tanks. The spill number remains open, and the cleanup is noted to be "pending".

- *Third Avenue Yard* (located on neighboring block to the north of the subject property) 222 1st Street – Owned and operated by Consolidated Edison, this property is listed in the Spills database numerous times. Most of the reported spills are small in nature. However, the following spill numbers remain open and are related to larger petroleum contamination investigations: 0203307 and 9808009.

Following review of the above summarized sites, Integral has concluded the current and historical use of the site known as the Third Avenue Yard has resulted in numerous petroleum spills at proximity of concern to the subject property; therefore this listing supports the properties inclusion in the surrounding property use REC associated with this property.

The remaining listings and their associated spill numbers are not considered to be a REC, CREC, or *de minimis* condition as the spills were minor in nature and were identified as having been closed by NYSDEC. However, as there has been numerous reports of petroleum spills in the areas surrounding the subject property, nearby NY Spills which have been remediated to

the satisfaction of NYSDEC is considered an HREC as prior to their closure there was a potential petroleum impacts which may have affected the subject property.

3.4.3.4 Other Ascertainable Records

RCRA Non-Generators / No Longer Regulated

These listings include properties which may have selective information about the generation, transport, storage, treatment and/or disposal of hazardous waste was defined by RCRA.

A review of the RCRA Non-Generators / No Longer Regulated listing has revealed that there are no listings for the subject property. However, forty-seven listings were identified within a quarter mile of the subject property. Several of these listings are adjoining properties; however they have already been summarized in section 3.4.1.5 through 3.4.1.7.

These listings do not represent a REC, CREC, HREC or *de minimis* condition.

Record of Decision (ROD)

These documents mandate a permanent remedy at an NPL site containing technical and health information to aid in the cleanup.

A review of the ROD listings revealed that there are no listings for the subject property. However, one site at a lower elevation was reported within one mile of the subject property. This site, the Gowanus Canal, has already been identified as a REC in section 3.4.2.1.

NY Drycleaners

This database provides a listing of registered dry cleaning facilities and is provided by the NYSDEC.

A review of the NY Drycleaners listings revealed that there are no listings for the subject property. However, two sites have been identified within a quarter mile radius. Their name and address have been provided below.

Higher Elevation:

- *Klor-De Cleaners* (0.24 miles north northeast and at a relatively higher elevation to the subject property) 263 3rd Avenue – Facility ID: 2-6103-00151.

Lower Elevation:

- *Carroll/Yoo Cleaners* (0.19 miles west southwest and at a relatively lower elevation to the subject property) 149 7th Avenue – Facility ID: 2-6103-00194.

Both these sites do not adjoin the subject property and are outside a proximity of concern and are therefore not considered a REC, HREC, CREC, or *de minimis* condition.

NY E Designation

Environmental (E) Designations requires that the owner of the site conduct testing, sampling protocol, and remediation where appropriate, to the satisfaction of the NYCDEP before issuance of a building permit by the Department of Buildings (DOB) pursuant to the provisions of Section 11-15 of the Zoning Resolution (Environmental Requirements).

A review of the E Designation listings revealed that there are no listings for the subject property. However, five sites have been identified within an eighth mile radius of the subject property. None of the five listings do adjoin the subject property and potential contaminants of concern associated with the E Designation are of low concern. Therefore, these listings do not represent REC, CREC, HREC, or *de minimis* condition.

NY Hazardous Substance Waste Disposal Site Inventory (NY HSWDS)

Any known or suspected hazardous substance waste disposal sites are included in this database. Sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites and non-Registry sites the EPA Preliminary Assessment reports or Site investigation reports were prepared, have also been included. There is potential for these sites to be eligible for Superfund status, and further evaluation may be needed prior to being listed as such.

A review of the NY HSWDS listing revealed no listings which share the same address as the subject property. However, two listings were identified within a half mile radius of the subject property. Neither of the two sites adjoins the subject property but their locations have been summarized below.

Lower Elevation:

- *BUG, Citizens Gate Station* (0.21 miles west and at a relatively lower elevation to the subject property) 6th Street and 2nd Avenue – EPA ID: NYD980532212.
- *BUG, Metropolitan Works* (0.43 miles west southwest and at a relatively lower elevation to the subject property) 2nd Avenue and 12th Street – EPA ID: NYD980532006.

These listings do not represent REC, CREC, HREC, or *de minimis* condition, as they are outside a proximity of concern for the subject property.

NY and NJ Manifests

The EPA manifest program tracks hazardous waste from the time it leaves the generator facility where it is produced, until it reaches the off-site waste management facility that will store, treat or dispose of the hazardous waste. This cradle-to-grave tracking system ensures that hazardous

waste is transported from the place of generation to the place of ultimate disposal without being tampered with, dumped, or otherwise illegally disposed of along the way.

A review of the NY Manifests list has revealed no listings for the subject property. However, there are seventy-nine NY MANIFESTS sites within one quarter mile of the subject property. The following properties adjoin the subject property and were identified in these listings.

Equal Higher Elevation:

- *U-Haul Maintenance & Repair* (adjoins the subject property's southern border) 213 6th Street and 3rd Avenue – EPA ID: NYR000041004.
- *Consolidated Edison* (exists across 3rd street on the northern adjoining block) – 222 1st Street – Numerous manifests area associated with this property.

A review of the NJ Manifests list has revealed no listings for the subject property. However, there are eight NJ MANIFESTS sites within one quarter mile of the subject property. The following property adjoins the subject property.

Equal Higher Elevation:

- *Consolidated Edison* (exists across 3rd street on the northern adjoining block) – 222 1st Street – Numerous manifests area associated with this property.

While the manifest sites may not specifically impact the subject property, the documentation indicates that the removal of material from these locations was performed which required specific disposal. These properties have already been included in the adjoining property use REC; their inclusion in the manifest program further supports the REC determination.

3.4.4 EDR High Risk Historical Records

3.4.4.1 Manufactured Gas Plants (MGP)

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas [manufactured gas plants (MGP)] compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800s to 1950s to produce a gas that could be distributed and used as fuel. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludge's, oils, and other compounds are potentially hazardous to human health and the environment. The byproducts from this process were frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

A review of the EDR MGP list, as provided by EDR, has revealed that the there are no EDR MGP sites associated with the subject property. However, five listings have been identified within a mile radius of the subject property.

None of these listings are located at an adjoining boundary of the subject property, the nearest site is 0.35 miles to the west southwest (Metropolitan MGP – 124-136 2nd Avenue). As the

location of these properties is of low concern for the subject property, Integral has concluded that these listings do not represent a REC, CREC, HREC, or *de minimis* condition.

3.4.4.2 EDR US Historical Automotive Stations

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

A review of the EDR US Historical Automotive Station list indicated that the subject property is not listed. Additional review of these listings revealed that there are thirty-five EDR US Historical Automotive Station sites within one quarter (1/4) mile of the subject property at an equal/higher elevation.

These listings have been cross-checked against the UST, LUST, and NY SPILLS databases and we have concluded that they do not represent a REC, CREC, HREC or *de minimis* condition.

3.4.4.3 EDR US Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR classifies these sites as, in their opinion, HRHR.

A review of the EDR US Historical Cleaners list indicated that the subject property is not listed. Additional review of these listings revealed that there are six EDR US Historical Cleaner sites within one quarter (1/4) mile of the subject property.

These listings have been cross-checked against the UST, LUST, and NY SPILLS databases and we have concluded that they do not represent a REC, CREC, HREC or *de minimis* condition.

3.5 FREEDOM OF INFORMATION REQUESTS

Integral sent Freedom of Information Act (FOIA) / Freedom of Information Law (FOIL) requests to the U.S. EPA, NYSDEC, New York State Department of Health (NYSDOH), the New York City Fire Department (FDNY), and the City of New York Department of Environmental Protection (NYCDEP) for the subject property. FOIA/FOIL requests and responses are provided in Appendix F.

Each agency was provided the Block and Lot number and/or the corresponding physical address for the subject property. From each agency, Integral requested any information or copies of files regarding environmental conditions, such as environmental permits, notices of violations, spill/discharge incidents, storage or disposal of hazardous substances, USTs, LUSTs, and any other environmental reports.

3.5.1 U.S. EPA

Integral submitted a FOIA Request to the U.S. EPA. An automated search of appropriate EPA databases did not locate any environmental records for the subject property.

3.5.2 NYSDEC

Integral received acknowledgment of FOIL Request No. 15-3584 on September 14, 2015. If pertinent information is identified after the production of this report as a result of this request, an addendum to this Phase I ESA will be prepared.

3.5.3 NYSDOH

The NYSDOH has acknowledged FOIL Request No. 15-09-081, which pertains to the subject property, but has not provided a formal response on available records. If pertinent information is identified after the production of this report as a result of this request, an addendum to this Phase I ESA will be prepared.

3.5.4 NYCDEP

Integral submitted a FOIL Request to the NYCDEP on September 3, 2015. At this time, no response has been received. If pertinent information is identified after the production of this report as a result of this request, an addendum to this Phase I ESA will be prepared.

3.5.5 City of New York Fire Department

On September 3, 2015, Integral submitted a Fuel Tank Special Request Form and a Violation Special Report Request Form to the New York City Fire Department (FDNY) for the subject property. Integral has not received a response from the FDNY. If pertinent information is identified after the production of this report as a result of this request, an addendum to this Phase I ESA will be prepared.

3.5.6 City of New York Department of Buildings

Integral conducted an online review of the City of New York Department of Buildings (DOB) records for the subject property on September 3, 2015. No violations were identified that would constitute a REC, CREC, HREC or *de minimis* condition.

4 SITE RECONNAISSANCE

4.1 SUBJECT PROPERTY INSPECTION DATA

Inspection Date:	September 15, 2015
Integral Personnel:	Samuel McTavey
Other Parties:	None
Weather	Sunny, 70 degrees

4.2 INTERIOR AND EXTERIOR OBSERVATIONS

Unless otherwise noted, the items listed in the table below appeared in good condition with no visual evidence of staining, deterioration or a discharge of hazardous materials. Items where further description is warranted are discussed in the section(s) following the table.

Item	Present (Yes/ Yes-Historic/ No)	Description
Hazardous material storage or handling areas	NO	
Aboveground storage tanks (ASTs) and associated piping	NO	
Underground storage tanks (USTs) and associated piping	NO	
Drums & containers (>5 gallons)	NO	
Odors	NO	
Pools of liquid, including surface water bodies and sumps (hazardous substances or substances likely to be hazardous, only)	NO	
Polychlorinated Biphenyls (PCBs) / Transformers	NO	
Stains or corrosion	NO	
Drains and Sumps	NO	
Pits, ponds, and lagoons	NO	
Stressed vegetation	NO	
Historic fill or other fill material	NO	

Item	Present (Yes/ Yes-Historic/ No)	Description
Waste water (including storm water or any discharge into a drain, ditch, underground injection system, or stream on or adjacent to the Site)	NO	
Wells (including dry wells, irrigation wells, injection wells, abandoned wells, or other wells.	NO	
Septic systems or cesspools	NO	

The subject property is currently used as a parking lot for the neighboring Consolidated Edison workers. It is not improved upon with any permanent structures, and is entirely covered with gravel. Several utility poles exist on the site, as well as a small shed for the parking lot attendant. No fill ports or vent piping (associated with petroleum storage tanks) were observed.

During the site inspection of the subject property, an abandoned groundwater treatment system was observed on the eastern adjacent property along the 3rd Street. The inspector noted the presence of a carbon filtration unit, groundwater extraction well, and equipment trailer. PVC piping associated with the system was dismantled and the system appeared to be abandoned. Review of the NY Spills database did not identify an open spill number with which this system might be associated.

Two large commercial warehouses operated by Pep Boys and U-Haul with operational automobile service centers, exist on the eastern and southern property boundaries respectively. Automobile fluids changes seem to dominate the primary operations at both these garages.

The presence of the two service centers, and the apparent groundwater treatment system is considered part of the adjoining property use REC.

Photographs taken during the reconnaissance are provided in Appendix G.

4.2.1 Hazardous Substances

Hazardous substances including raw materials; finished products and formulations; hazardous wastes; hazardous constituents and pollutants including intermediates and byproducts; and unidentified substance containers (when open or damaged, and containing unidentified substances suspected of being hazardous or petroleum products) were not identified at the subject property.

4.2.2 Underground Storage Tanks

Integral did not observe evidence of USTs (vent pipes or fill ports) on the subject property.

4.2.1 Aboveground Storage Tanks

Integral did not observe evidence of ASTs on the subject property.

5 USER PROVIDED INFORMATION

According to the ASTM E1527-13 standard, certain tasks that may help identify the presence of RECs associated with the site are generally conducted by the Phase I ESA user. These tasks include reviewing title records for environmental liens or activity and land use limitations, providing specialized knowledge related to RECs at the site (e.g., information about previous ownership or environmental litigation), and providing explanations for significant reduction in the subject property purchase price. 252 Third Street Realty, LLC has provided this information, when available, and has completed the user questionnaire, which is included in Appendix H.

5.1 TITLE AND JUDICIAL RECORDS FOR ENVIRONMENTAL LIENS OR AULS

The User was not aware of environmental concerns associated with title or judicial records, or the existence of environmental liens or activity and use limitations (AULs) for the subject property.

5.2 SPECIALIZED KNOWLEDGE

The User was aware of some of the historical use of the subject property, and noted that no past environmental site assessments have been completed at the subject property. Records of historical use of the subject property were provided in an interview with Mr. Robert Corroon of 252 Third Street Realty, LLC, and have been discussed in the report accordingly.

5.3 PROPERTY VALUE REDUCTION ISSUES

The User was not aware of property valuation reduction issues regarding the subject property.

5.4 COMMONLY KNOWN OR REASONABLY ASCERTAINABLE INFORMATION

Commonly known/reasonably ascertainable information was provided to Integral by the User in the form of a phone interview completed on September 15, 2015.

5.5 REASON FOR CONDUCTING PHASE I

It is Integral's understanding that the User requested a Phase I for establishing an initial evaluation of the presence of recognized environmental conditions in connection with the subject property in order to determine suitability for a residential development.

6 INTERVIEWS

The following persons were interviewed to obtain historical or environmental information regarding RECs associated with the subject property.

- Robert Corroon, 252 Third Street Realty LLC – Owners Representative

The information provided in this interview is discussed and referenced in Section 5.

7 VAPOR MIGRATION

This section outlines the potential of hazardous substances and/or petroleum products to migrate through the subsurface. Results have been obtained through EDR's Vapor Encroachment Condition (VEC) Application Software (VEC App) in order to satisfy the ASTM E2600-10 Tier I screening process. The VEC App was used to identify potential areas of concern both within and outside the borders of the subject property.

Results of the VEC App screening process revealed that a VEC cannot be ruled out to exist on the subject property as a result of the historic presence of a petroleum spill at the adjoining northern property, Consolidated Edison's Third Avenue Yard. Additionally, numerous upgradient and cross-gradient sites within a 0.33-mile radius of the subject property pose potential vapor migration/intrusion risks. The majority of potential areas of concern identified in the report are related to the database listings. A summary of these findings can be found in the EDR VEC App generated report included as Appendix I.

Following review of the subject property and surrounding sites, Integral agrees that the possibility of vapor migration onto the subject property cannot be ruled out. However, the site is not improved with permanent buildings and is open to the air. Since the potential for impacted soil vapor migration exists, but it is unlikely to adversely affect human health or the present environment, a *de minimis* condition exists.

8 FINDINGS / OPINIONS

Review of ascertainable records, historical documentation and the limited site reconnaissance in relation to the subject property, and those within the standard search radii has been completed.

Integral has completed a Phase I ESA for the property located at 252 3rd Street, Brooklyn, New York (the subject property). The subject property is further identified by Block 980 and Lot 19; and is bound by 3rd Street to the north, two large single story commercial buildings with parking lots to the east and south, and a three story industrial warehouse to the west.

The subject property exists within an urbanized area and currently consists of a gravel parking lot for Consolidated Edison that convers the entirety of the lot. The subject property historically operated as a coal storage yard for approximately 55 years between 1888 through 1942 with a coal pocket (large storage shed and conveyor). Stored coal was conveyed to the southern boundary of the property and onto floating barges parked at the former 5th Street Basin (of the Gowanus Canal). Around 1951, the 5th Street Basin was filled. From 1965 through 1980, a metal plating and auto-body shop operated on the northern frontage of the subject property adjacent to 3rd Street. From 1980 on, following the demolition of the metal plating and auto-body shop, the subject property has operated as a parking lot and has not been improved with permanent buildings.

A site location map is included as Figure 1. A general site plan is included as Figure 2.

8.1 RECOGNIZED ENVIRONMENTAL CONDITIONS

8.1.1 ONSITE RECOGNIZED ENVIRONMENTAL CONDITIONS

This Assessment has revealed evidence of one onsite REC in connection with the subject property.

REC 1 – Historic Use of the Subject Property as a Metal Plating and Automotive Body Shop

A metal plating facility and an automotive body shop existed along the northern frontage of the subject property, adjacent to 3rd Street, from 1965 through 1980. Plating operations and automotive services on the subject property constitute a REC.

8.1.2 OFFSITE RECOGNIZED ENVIRONMENTAL CONDITIONS

The Assessment has also revealed evidence of three adjoining and offsite RECs in connection with the subject property.

REC 2 – Filling in of 5th Street Basin

Records show that along the southern boundary of the subject property, the former 5th Street Basin was filled in around 1951. New York City canals filled in during this time period typically were filled with what is now known as historic fill. Historic fill may be solid waste, including coal ash, wood ash, municipal solid waste incinerator ash, construction and demolition debris, dredged sediments, railroad ballast, refuse and land clearing debris, which was used prior to October 10, 1962 (6 NYCRR 375-1.2 [x]). The filling of this basin with likely historic fill, is considered an offsite REC.

REC 3 – Gowanus Canal Superfund Site

At a proximity of 300 feet west of the subject property, the Gowanus canal has been listed on the National Priorities List (NPL; "Superfund") and classified as a significant threat to the public health or environment. Numerous contaminants of concern exist within the canal and surrounding areas. Efforts are currently underway by potentially responsible parties to investigate and remediate the canal. The site is identified in the NPL under EPA ID: NYN000206222. The proximity of the Gowanus Canal is considered an offsite REC.

REC 4 – Historical Use of Adjoining Properties

The environmental database review identified three adjoining properties with extensive environmental records that indicated the presence or likely presence of petroleum or hazardous materials under threat of material release.

Northern Boundary:

- Consolidated Edison – Third Avenue Yard: This property contains numerous NYSDEC spill numbers, two of which are still listed as open (Spill Numbers 0203307 and 9808009). There are also a significant amount of disposal manifests associated with the use of this property.

Eastern Boundary:

- Pep Boys Automotive Facility – Store Number 0247: There are numerous listings which identify this property in manifest and UST listings. In addition to these listings, the property is utilized as an automobile service station further increasing the likelihood of a petroleum release near the subject property.

Southern Boundary:

- U-Haul Moving and Storage of Park Slope: There are numerous listings which identify this property in manifest and UST listings. In addition to these listings, the property is

utilized as an automobile service station further increasing the likelihood of petroleum impacts near the subject property.

Database listings for spills, manifests, and hazardous waste handlers have identified these sites numerous times. The current and historical operation of these facilities, which adjoin the subject property, and the presence or likely presence of petroleum or hazardous materials under threat of material release is considered an offsite REC.

8.2 HISTORIC RECOGNIZED ENVIRONMENTAL CONDITIONS

Historic Recognized Environmental Conditions (HRECs) are environmental conditions which, in the past, would have been considered RECs, but which may or may not be considered RECs currently.

This Assessment has revealed evidence of one HREC in connection with the subject property.

HREC 1 – Historical Petroleum Spills in the Surrounding Area

The subject property is surrounded by numerous properties with historical releases of petroleum identified by the NYSDEC Spills Database. These spills have been remediated to the satisfaction of the NYSDEC and are currently closed. The historical presence of petroleum spills in the surrounding area which have been closed to the satisfaction of the NYSDEC is not a REC; however it is considered a HREC.

8.3 DE MINIMIS CONDITIONS

A *de minimis* condition is defined by ASTM 1527-13 as a condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be *de minimis* are not RECs.

A review of records for the surrounding area identified one *de minimis* condition that exists at the subject property.

***De Minimis 1*: VEC Application Screen**

The VEC Application screening (VEC App) process revealed numerous upgradient and cross-gradient sites within a 0.33-mile radius of the subject property which pose potential vapor migration/intrusion risks (Section 7). The majority of potential areas of concern identified in the report were related to database listings. Following review of the subject property and surrounding sites, Integral agrees that the possibility of vapor migration onto the subject property cannot be ruled out. However, the site is not improved with permanent buildings and is open to the air. Since the potential for impacted soil vapor migration exists, but it is unlikely to adversely affect human health or the present environment, a *de minimis* condition exists.

8.4 DATA GAPS

No data gaps were identified.

8.5 EXCEPTIONS OR DELETIONS FROM ASTM E-1527-13

No state or government officials were interviewed to gain information indicating RECs in connection with the subject property as part of this Phase I ESA. Because FOIA/FOIL requests or equivalent internet searches were submitted to state and government agencies for processing, additional pertinent information relative to the subject property would not be expected from these parties, were they to have been interviewed.

9 CONCLUSIONS

Integral completed this Assessment in general conformance with the scope and limitations of ASTM Practice E1527-13 for the subject property located at 252 Third Street, Brooklyn, New York. Any exceptions to, deletions, or deviations from this practice are described in the Findings and Opinions (Section 8) portion of this report.

RECs are defined as the presence or likely presence of any *hazardous substances* or *petroleum products* on a property under conditions that indicate an existing release, a past release, or a material threat of release of any *hazardous substances* or *petroleum products* into structures on the property or into the ground, groundwater, or surface water of the property. The term is not intended to include *de minimis* conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

This Assessment has revealed evidence of five RECs in connection with the subject property.

9.1 ONSITE RECOGNIZED ENVIRONMENTAL CONDITIONS

This Assessment has revealed evidence of one onsite REC in connection with the subject property.

REC 1 – Historic Use of the Subject Property as a Metal Plating and Automotive Body Shop

A metal plating facility and an automotive body shop existed along the northern frontage of the subject property, adjacent to 3rd Street, from 1965 through 1980. Plating operations and automotive services on the subject property constitute a REC.

9.2 OFFSITE RECOGNIZED ENVIRONMENTAL CONDITIONS

The Assessment has also revealed evidence of three adjoining and offsite RECs in connection with the subject property.

REC 2 – Filling in of 5th Street Basin

Records show that along the southern boundary of the subject property, the former 5th Street Basin was filled in around 1951. New York City canals filled in during this time period typically were filled with what is now known as historic fill. Historic fill may be solid waste, including coal ash, wood ash, municipal solid waste incinerator ash, construction and demolition debris, dredged sediments, railroad ballast, refuse and land clearing debris, which was used prior to October 10, 1962 (6 NYCRR 375-1.2 [x]). The filling of this basin with likely historic fill, is considered an offsite REC.

REC 3 – Gowanus Canal Superfund Site

At a proximity of 300 feet west of the subject property, the Gowanus canal has been listed on the National Priorities List (NPL; "Superfund") and classified as a significant threat to the public health or environment. Numerous contaminants of concern exist within the canal and surrounding areas. Efforts are currently underway by potentially responsible parties to investigate and remediate the canal. The site is identified in the NPL under EPA ID: NYN000206222. The proximity of the Gowanus Canal is considered an offsite REC.

REC 4 – Historical Use of Adjoining Properties

The environmental database review identified three adjoining properties with extensive environmental records that indicated the presence or likely presence of petroleum or hazardous materials under threat of material release.

Northern Boundary:

- Consolidated Edison – Third Avenue Yard: This property contains numerous NYSDEC spill numbers, two of which are still listed as open (Spill Numbers 0203307 and 9808009). There are also a significant amount of disposal manifests associated with the use of this property.

Eastern Boundary:

- Pep Boys Automotive Facility – Store Number 0247: There are numerous listings which identify this property in manifest and UST listings. In addition to these listings, the property is utilized as an automobile service station further increasing the likelihood of a petroleum release near the subject property.

Southern Boundary:

- U-Haul Moving and Storage of Park Slope: There are numerous listings which identify this property in manifest and UST listings. In addition to these listings, the property is utilized as an automobile service station further increasing the likelihood of petroleum impacts near the subject property.

Database listings for spills, manifests, and hazardous waste handlers have identified these sites numerous times. The current and historical operation of these facilities, which adjoin the subject property, and the presence or likely presence of petroleum or hazardous materials under threat of material release is considered an offsite REC.

10 DECLARATION

I, Samuel McTavey, declare that, to the best of my professional knowledge and belief, I meet the definition of an Environmental Professional as defined in Section 312.10 of 40 CFR 312; and I have the specific qualifications based on education, training and experience to assess a site of the nature, history and setting of the subject Site. I have developed and performed the All Appropriate Inquires in conformance with the standards and practice set forth in 40 CFR Part 312.

_____

Samuel McTavey
Environmental Professional

PHASE I ESA REFERENCES

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PHASE I ENVIRONMENTAL SITE ASSESSMENT

252 3rd Street
Brooklyn, New York 11215

Prepared for
252 Third Street Realty LLC
60 East 56th Street Floor 9
New York, NY 10022

Prepared by

integral consulting inc.
61 Broadway
Suite 1601
New York, NY 10006

DRAFT
January 2016

DRAFT

EXECUTIVE SUMMARY

Integral Engineering, P.C. (Integral) has completed a Phase I environmental site assessment (ESA) for the property located at 252 3rd Street, Brooklyn, New York (the subject property). The subject property is further identified by Block 980 and Lot 19; and is bound by 3rd Street to the north, two large single story commercial buildings with parking lots to the east and south, and a three story industrial warehouse to the west.

The subject property exists within an urbanized area and currently consists of a gravel parking lot for Consolidated Edison that convers the entirety of the lot. The subject property historically operated as a coal storage yard for approximately 55 years between 1888 through 1942 with a coal pocket (large storage shed and conveyor). Stored coal was conveyed to the southern boundary of the property and onto floating barges parked at the former 5th Street Basin (of the Gowanus Canal). Around 1951, the 5th Street Basin was filled. From 1965 through 1980, a metal plating and auto-body shop operated on the northern frontage of the subject property adjacent to 3rd Street. From 1980 on, following the demolition of the metal plating and auto-body shop, the subject property has operated as a parking lot and has not been improved with permanent buildings.

This Assessment has revealed evidence of four recognized environmental conditions (RECs) in connection with the subject property.

ONSITE RECOGNIZED ENVIRONMENTAL CONDITIONS

This Assessment has revealed evidence of one onsite REC in connection with the subject property.

REC 1 – Historic Use of the Subject Property as a Metal Plating and Automotive Body Shop

A metal plating facility and an automotive body shop existed along the northern frontage of the subject property, adjacent to 3rd Street, from 1965 through 1980. Plating operations and automotive services on the subject property constitute a REC.

OFFSITE RECOGNIZED ENVIRONMENTAL CONDITIONS

The Assessment has also revealed evidence of three adjoining and offsite RECs in connection with the subject property.

REC 2 – Filling in of 5th Street Basin

Records show that along the southern boundary of the subject property, the former 5th Street Basin was filled in around 1951. New York City canals filled in during this time period

typically were filled with what is now known as historic fill. Historic fill may be solid waste, including coal ash, wood ash, municipal solid waste incinerator ash, construction and demolition debris, dredged sediments, railroad ballast, refuse and land clearing debris, which was used prior to October 10, 1962 (6 NYCRR 375-1.2 [x]). The filling of this basin with likely historic fill, is considered an offsite REC.

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The environmental database review identified three adjoining properties with extensive environmental records that indicated the presence or likely presence of petroleum or hazardous materials under threat of material release.

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Eastern Boundary:

- Pep Boys Automotive Facility – Store Number 0247: There are numerous listings which identify this property in manifest and UST listings. In addition to these listings, the property is utilized as an automobile service station further increasing the likelihood of a petroleum release near the subject property.

Southern Boundary:

- U-Haul Moving and Storage of Park Slope: There are numerous listings which identify this property in manifest and UST listings. In addition to these listings, the property is utilized as an automobile service station further increasing the likelihood of petroleum impacts near the subject property.

Database listings for spills, manifests, and hazardous waste handlers have identified these sites numerous times. The current and historical operation of these facilities, which adjoin the subject property, and the presence or likely presence of petroleum or hazardous materials under threat of material release is considered an offsite REC.

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ACRONYMS AND ABBREVIATIONS

AST	aboveground storage tank
ASTM	ASTM International
AUL	activity and use limitation
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
CORRACTS	Corrective Action Sites
CREC	controlled recognized environmental condition
EDR	Environmental Data Resources Inc.
EPA	U.S. Environmental Protection Agency
FOIA	Freedom of Information Act
FOIL	Freedom of Information Law
HREC	historical recognized environmental condition
Integral	Integral Engineering, P.C.
LAST	Leaking Aboveground Storage Tank Incidents Management Database
LUST	Leaking Underground Storage Tank Incidents Management Database
LUST TRUST	Leaking Underground Storage Tank Trust Fund
NYSDEC	New York State Department of Environmental Conservation
NPL	National Priority List
RCRA	Resource Conservation and Recovery Act
REC	recognized environmental condition
SHWS	state hazardous waste site(s)
UST	underground storage tank
VEC	Vapor Encroachment Condition

1 INTRODUCTION

1.1 SITE DESCRIPTION

Integral Engineering, P.C. (Integral) has completed a Phase I environmental site assessment (ESA) for the property located at 252 3rd Street, Brooklyn, New York (the subject property). The subject property is further identified by Block 980 and Lot 19; and is bound by 3rd Street to the north, two large single story commercial buildings with parking lots to the east and south, and a three story industrial warehouse to the west.

The subject property exists within an urbanized area and currently consists of a gravel parking lot for Consolidated Edison that convers the entirety of the lot. The subject property historically operated as a coal storage yard for approximately 55 years between 1888 through 1942 with a coal pocket (large storage shed and conveyor). Stored coal was conveyed to the south boundary[1] of the property and onto floating barges parked at the former 5th Street Basin (of the Gowanus Canal). Around 1951, the 5th Street Basin was filled. From 1965 through 1980, a metal plating and auto-body shop operated on the northern frontage of the subject property adjacent to 3rd Street. From 1980 on, following the demolition of the metal plating and auto-body shop, the subject property has operated as a parking lot and has not been improved with buildings.

A site location map is included as Figure 1. A general site plan is included as Figure 2.

1.2 PURPOSE AND SCOPE OF SERVICES

This Phase I ESA was conducted for the subject property at 252 3rd Street, Brooklyn, New York. The ESA has been prepared by Integral in general accordance with the ASTM International (ASTM) E1527-13 *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* and is intended for the sole use of 252 Third Street Realty, LLC (the user).

The purpose of this assessment is to identify recognized environmental conditions (RECs) at the subject property, as defined by the ASTM E1527-13 standard. Completion of this report may be used to satisfy one of the requirements for 252 Third Street Realty, LLC to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations pursuant to Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), thereby constituting all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice, as defined by CERCLA 42 U.S.C. §9601(35)(B).

[1] The subject property's south boundary refers to the border directly adjacent to the former 5th Street Canal.

The Scope of Services for this Phase I ESA included the following tasks:

- Subject property and vicinity reconnaissance
- Subject property and vicinity description and physical setting
- Historical source review and description of historical subject property conditions
- Interviews with owners, operators, and/or occupants of the subject property and/or local officials
- Review of environmental databases and regulatory agency records
- Review of previous environmental reports/documentation, as applicable
- Review of environmental liens
- Preparation of a report summarizing findings, opinions, and conclusions.

Pursuant to the ASTM E1527-13 standard, recommendations to conduct Phase II sampling or other assessment activities are not required to be included in this report. Integral can provide such recommendations upon request.

1.3 ADDITIONAL SERVICES

No additional services were performed outside the scope of the ASTM E1527-13 standard. For reference, out-of-scope services may include but are not limited to:

- Asbestos
- Radon
- Lead-based paint
- Lead in drinking water
- Wetlands
- Regulatory compliance
- Cultural and historic resources
- Industrial hygiene
- Health and safety
- Ecological resources
- Endangered species
- Indoor air quality including vapor intrusion
- Biological agents
- Mold

1.4 LIMITATIONS AND DEVIATIONS

1.4.1 Accuracy and Completeness

The ASTM E1527-13 standard recognizes inherent limitations for Phase I ESAs that apply to this report, including:

- Uncertainty not eliminated—No Phase I ESA can wholly eliminate uncertainty regarding the potential for RECs in connection with a subject property. Data gaps identified during this ESA are discussed in Section 8.4.
- Not exhaustive—A Phase I ESA is not an exhaustive investigation.
- Past uses of the property—A review of standard historical sources at intervals less than five years is not required.

A Phase I ESA is a limited inquiry into a property's environmental status; it cannot wholly eliminate uncertainty and is not an exhaustive assessment to discover every potential source of environmental liability. This ESA was performed in general accordance with ASTM E1527-13. Integral has endeavored to meet this standard of care, which may be limited by conditions encountered during performance, the scope of work, or inability to review information not received by the report date. Where appropriate, these limitations are discussed in the report and an evaluation of their significance with respect to our findings has been conducted.

In conducting the limited scope of services described herein, certain sources of information and public records, some of which may document environmental concerns, were not reviewed. The Phase I ESA is intended to reduce, but not eliminate, uncertainty regarding the potential for RECs. No warranties, express or implied, are intended or made. The limitations herein must be considered when the user of this report formulates opinions as to risks associated with the site or otherwise uses the report for any other purpose. These risks may be further evaluated, but not eliminated, through additional research or assessment.

This report presents Integral's observations, findings, and conclusions as they existed at the time of the property reconnaissance. Integral makes no representation or warranty that past or current operations at the property are or have been in compliance with all applicable federal, state, and local laws, regulations, and codes. Integral makes no guarantees as to the accuracy or completeness of information obtained from others during the course of this ESA. It is possible that information exists beyond the scope of this assessment or that information was not provided to Integral. Additional information subsequently provided, discovered, or produced may alter findings or conclusions made in this report. Integral is under no obligation to update this report to reflect such subsequent information. The findings presented in this report are based on reasonably ascertainable information and observed property conditions at the time of the assessment.

This report does not warrant against future operations or conditions, nor does it warrant against operations or conditions present of a type or at a location not assessed. Regardless of the findings stated in this report, Integral is not responsible for consequences or conditions arising from facts that were not fully disclosed during the assessment.

Environmental Data Resources Inc. (EDR), an independent data research company, provided the government agency databases referenced in this report. Information regarding surrounding area properties was requested for approximate minimum search distances and was assumed to be correct and complete unless obviously contradicted by Integral's observations or other credible, referenced sources reviewed during the assessment.

Integral does not provide legal advice. Any reference to legal issues or terms is provided as part of the general environmental risk assessment and is not a substitute for the advice of competent legal counsel.

1.4.2 User Reliance / Continued Validity

This ESA was prepared for the exclusive use and reliance of 252 Third Street Realty, LLC (the user). Use or reliance by any other party is prohibited without the written authorization of Integral.

This report is presumed to be valid, in accordance with, and subject to the limitations specified in the ASTM E1527-13 standard, for a period of 180 days from completion, or until the user obtains specific information that may materially alter a finding, opinion, or conclusion in this report or until 252 Third Street Realty, LLC is notified by Integral that it has obtained specific information that may materially alter a finding, opinion, or conclusion in this report. Additionally, pursuant to the ASTM E1527-13 standard, this report is presumed valid if completed less than 180 days prior to the date of acquisition of the property or (for transactions not involving an acquisition) the date of the intended transaction.

2 SUBJECT PROPERTY DESCRIPTION

2.1 LOCATION

Tax Block:	980
Tax Lot:	19
Address:	252 3rd Street
City:	Brooklyn / New York City
County:	Kings
State:	New York
Property Owner:	252 Third Street Realty, LLC

2.2 IMPROVEMENTS

Current improvements are listed in the following table.

Feature	**Description**
Buildings:	None
Exterior areas:	Gravel Parking Lot
Utilities:	Electric Utility Poles

2.3 CURRENT AND HISTORICAL USE

2.3.1 Current Subject Property Use(s)

The subject property is currently used as a parking lot for Consolidated Edison, which owns the property to the north. The subject property is not improved with any structures and consists of a gravel parking lot.

2.3.2 Previous Owner and Operator Information

Based on information provided by the User (Section 5), the historical record review (Section 3), and/or interviews conducted during this Phase I (Section 6), historical Site ownership and operator information are provided in the tables below.

Subject Property Owner	From	To
Thos W. Woods Sons Inc. (Sanborn)	1888	1943
Lewis Goldberg – Wengo Trading Corporations (Wengo)	1943	1946
David Zirinsky	1946	1951
Richard Zirinsky and Industrial Park Construction Corp.	1951	1997
252 Third Street Realty, LLC	1997	Current

Subject Property Operator	From	To
Thos W. Woods Sons Inc. - Coal Yard	1888	1943
Vacant Coal Storage and Soap Manufacturing Operations – Wengo	1943	1946
Victory Soap and Raye Chas Extinguisher Service	1946	1960
Barrett Plating & Polishing Corp.	1960	1976
Vacant	*1976*	*1980*
Consolidated Edison Parking Lot	1980	Current

2.4 PHYSICAL SETTING

Site Elevation:	19 feet above sea level
Site Topography:	Flat
Surrounding Properties:	Urban setting with industrial, commercial, and residential improvements.
Local Soils:	Urban Land – Historic fill; silty sands at depth.
Local Geology:	Glacial and alluvial deposits dominate the surficial geology; underlying bedrock geology is unknown (USGS, 1995)
Groundwater Depth:	Assumed to be shallow given the proximity to the Canal; no wells in the vicinity have been identified.
Groundwater Flow:	Southwest
Nearest Surface Water:	The Gowanus Canal is located approximately 300 feet southwest.

Flood Zones:	Approximately 300 feet east of a 100-year flood zone (FEMA 2015).

2.5 SURROUNDING PROPERTY USES

Direction	Adjoining Properties	Surrounding Properties
North	Consolidated Edison - Yard	Commercial/Residential Buildings
South	U-Haul Moving and Storage	New York Methodist Hospital and Washington Park
East	Staples and Pep Boys Auto Parts Service	Commercial/Residential Buildings
West	4 Story Commercial Building	Fourth Street Basin (Gowanus Canal) and Commercial Grocery Store.

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3 HISTORICAL SEARCH

According to ASTM Standard E1527-13, all obvious uses of the subject property shall be identified from the present, back to the subject property's obvious first developed use, including agricultural use, or back to 1940, whichever is earlier. A search was performed for available aerial photographs (Appendix A), historical topographic maps (Appendix B), city directories (Appendix C) and Sanborn Maps (Appendix D).

3.1 SOURCES OF INFORMATION

Information regarding the historical uses of the subject property and the vicinity was obtained from various publicly available and practically reviewable sources including: aerial photographs; Sanborn fire insurance maps; topographical maps; city directories; local municipal records; an environmental database report; and interviews with subject property representative(s) and regulatory agency official(s), as necessary. Historical research documentation is included in the appendices.

3.2 HISTORICAL USE INFORMATION

Historical use information regarding the subject property and surrounding properties was obtained from aerial photographs (scale 1" = 500') dated 1924, 1940, 1943, 1951, 1954, 1961, 1966, 1971, 1974, 1980, 1994, 1995, 2006, 2009 and 2011; Sanborn fire insurance maps dated 1888, 1906, 1926, 1951, 1965, 1978, 1979, 1980, 1982, 1985, 1987, 1988, 1991, 1992, 1993, 1994, 2001, 2002, 2003, 2004, 2005, 2006, and, 2007; topographic maps dated 1900, 1947, 1956, 1967, 1979, and 1995; and city directories dated 1928, 1934, 1940, 1945, 1949, 1960, 1965, 1970, 1973, 1976, 1980, 1985, 1992, 1997, 2000, 2005, 2008, and 2013.

3.2.1 Subject Property Operational History

Year	Source	Subject Property History
1888	Sanborn Map	"Thos W. Wood Coal Yard" and a coal shed within the bounds of the subject property parcel are noted.
1900	Topographic Map	The block surrounding the subject property is defined with a rectangular polygon, representing a warehouse like structure. The 5th Street Basin is visible to the south of the subject property.
1906	Sanborn Map	The subject property is identified as "Thos W. Woods Sons". A larger coal shed is now noted to occupy the majority of the parcel. The 5th Street Basin is noted along the south boundary of the subject property.

Year	Source	Subject Property History
1924	Topographic Map	No significant changes are noted in comparison to the 1900 Topographic map.
1924	Aerial Photo	The "Coal Pocket" structure is visible, as are the office and stable building (depicted on the 1926 Sanborn Map, described below). The 5th Street Basin and barges are visible.
1926	Sanborn Map	"Thos W. Woods Sons Inc." still occupies the parcel. A structure identified as "Coal Pocket" is located in the center of the parcel with trestles running to the southwest boundary of the parcel. Along the frontage adjacent to 3rd street an office, stable building, and gate are noted.
1940	Aerial Photo	The photo quality is poor for this time period and structures on the subject property are not defined. The 5th Street Basin is still visible.
1943	Aerial Photo	The photo quality is poor for this time period; no significant changes are noted at the subject property.
1951	Sanborn Map	"Thos W. Woods Sons Inc." is no longer noted on the parcel. The structure identified as "Coal Pocket" still exists in the center of the parcel, is noted to be thirty-five feet high and "not used". A conveyer running to the southwest boundary of the parcel is present. Along the frontage of 3rd street, the office, stable building and gate are still noted.
1951	Aerial Photo	The "Coal Pocket", office and stable structures are visible. The 5th Street Basin is filled at the southwestern boundary of the subject property.
1954	Aerial Photo	The office and stable structures are visible. Six circular structures are visible in the central portion of the parcel formally noted as "Coal Pocket".
1959	Topographic Map	The office building and "Coal Pocket" are noted, as well as the 5th Street Basin.
1961	Aerial Photo	The majority of the parcel is vacant except for the northern frontage along 3rd Street. The rectangular building, containing the previously noted office, is visible.
1965	Sanborn Map	The "Coal Pocket" structure is no longer present, and the rear two thirds of the parcel is now vacant. Along the northern parcel frontage at 3rd street a single story structure remains and contains commercial operations noted as "Plating", "Soap Manufacturing", and contains an office.
1966	Aerial Photo	The rectangular building is still visible along the northern frontage of 3rd Street. The rear two thirds of the parcel appear to be a parking lot occupied by automobiles.
1967	Topographic Map	No structures are noted at the subject property; the block is identified as an urban area (pink tint).
1971	Aerial Photo	No significant changes are noted at the subject property; parcel observations are similar to 1966.

Year	Source	Subject Property History
1974	Aerial Photo	Automobiles are no longer parked on the rear two thirds of the parcel; vegetation appears along the parcel boundaries. No other significant changes are noted at the subject property.
1978-1980	Sanborn Map	No significant changes are noted at the subject property.
1978	Municipal Records	A certificate of occupancy identifies a metal plating factory and motor vehicle repair shop at the subject property.
1980	Aerial Photo	Automobiles are parked on the rear two thirds of the parcel. No other significant changes are noted at the subject property.
1987-1994	Sanborn Map	The subject property is vacant with no structures noted.
1994	Aerial Photo	The subject property is vacant with automobiles parked throughout the parcel, which appears to be paved.
1995	Aerial Photo	The photo quality is poor for this time period and the subject property condition is not visible.
1995	Topographic Map	No significant changes are noted at the subject property.
2001-2007	Sanborn Map	The subject property is vacant with no structures noted.
2006-2011	Aerial Photo	The subject property is vacant with automobiles parked throughout the parcel.

3.2.2 Adjoining Property History

Year	Source	Adjoining Property History:
1888	Sanborn Map	*Northern Boundary*: A water pipe is noted under 3rd Street, the adjacent block is demarcated but no structures are noted.
		Eastern Boundary: No structures are defined
		Southern Boundary: No structures are defined.
		Western Boundary: No structures are defined.
1900	Topographic Map	*Northern Boundary*: Block appears to be undeveloped, but is demarcated
		Eastern Boundary: Block appears to be undeveloped, but is demarcated
		Southern Boundary: Block appears to be undeveloped, but is demarcated. The 5th Street Basin is visible connected to the Gowanus Canal.

Year	Source	Adjoining Property History:
		Western Boundary: Block appears to contain a large rectangular commercial structure.
1906	Sanborn Map	*Northern Boundary*: Fire hydrants are noted along 3rd Street, the adjacent contains a baseball park defined as "Washington Park, Brooklyn Ball Club".
		Eastern Boundary: "WM Nungasser Coal Yard" is noted for the first time; the parcel contains a "Coal Shed" and an office building.
		Southern Boundary: The 5th Street Basin is first noted; the basin is the eastern most extent of the Gowanus Canal.
		Western Boundary: "American Can Co., Somers Branch" occupies a large portion of the block; the building is noted to contain tin ware manufacturing operations and is equipped with an independent electric plant ("I.E.P.").
1924	Aerial Photo	*Northern Boundary*: The "Washington Park, Brooklyn Ball Club" is visible.
		Eastern Boundary: The neighboring coal yard and structures are visible.
		Southern Boundary: 5th Street Basin and barges are visible.
		Western Boundary: The neighboring tin-ware manufacturing building is noted and appears to be comprised of several smaller buildings.
1924	Topographic Map	*All Boundaries*: No significant changes are noted in comparison to the 1900 Topographic Map.
1926	Sanborn Map	*Northern Boundary*: The baseball park is noted as "Washington Park Ware House Corporation; Now Owned by Brooklyn Edison Company".
		Eastern Boundary: "Gowanus Coal Co. Inc." now occupies this adjacent lot; the coal shed and small buildings still occupy the parcel.
		Southern Boundary: The 5th Street Basin is still present.
		Western Boundary: "American Can Co." warehouse occupies the remainder of the western block; seven smaller buildings make up the entire warehouse structure and are associated with "American Can Co."
1940	Aerial Photo	*Northern Boundary*: The baseball park is no longer noted; in its place are several, large, commercial buildings, believed to be associated with Consolidated Edison Company of NY (Sanborn 1951)
		Eastern Boundary: The adjacent parcel appears to be a parking lot; the photo quality is poor for this time period.
		Southern Boundary: The 5th Street Basin is still present.
		Western Boundary: "American Can Co." warehouse still occupies the remainder of the western block.
1943	Aerial Photo	*All Boundaries*: No significant changes were noted from the 1940 aerial photo.

Year	Source	Adjoining Property History:
1951	Sanborn Map	*Northern Boundary*: The block is occupied by numerous storage garages and yards, as well as manufacturing shops associated with "Consolidated Edison Co. of N.Y. Inc."
		Eastern Boundary: The adjacent parcel has no structures demarcated.
		Southern Boundary: The 5th Street Basin appears to be filled in; there are no demarcations for the canal noted. The filling of this basin with likely historic fill is considered a REC.
		Western Boundary: The canning warehouse still occupies the remainder of the western block, and is noted as "Metropolitan Warehouse, American Can".
1951	Aerial Photo	*Northern Boundary*: The storage garages and yards, as well as manufacturing shops associated with "Consolidated Edison Co. of N.Y. Inc." are visible *Eastern Boundary*: The adjacent parcel is occupied by a parking lot. *Southern Boundary*: The 5th Street Basin has been filled in. The filling of this basin with unknown contents is considered a REC. *Western Boundary*: The canning warehouse still occupies the remainder of the western block, and is visible.
1954	Aerial Photo	*All Boundaries*: No significant changes are noted in comparison to the 1951 Aerial Photo.
1956	Topographic Map	*All Boundaries*: Urban areas have been tinted pink, and neighboring factories are identified by black rectangles.
1961	Aerial Photo	*Eastern Boundary*: The adjacent parcel is occupied by a visibly paved parking lot.
		All Other Boundaries: No significant changes are noted in comparison to the 1954 Aerial Photo.
1965	Sanborn Map	*Eastern Boundary*: The adjacent parcel noted to be a parking lot with a filling station noted slightly east of the center of the parcel. *All Other Boundaries*: No significant changes are noted in comparison to the 1951 map.
1966	Aerial Photo	*All Boundaries*: No significant changes are noted in comparison to the 1961 Aerial Photo.
1967	Topographic Map	*Northern Boundary*: No significant changes are noted in comparison to the 1956 topographic map. *Eastern Boundary*: The entire parcel is tinted pink, signifying Urban Area. *Southern Boundary*: The 5th Street Basin is no longer present. *Western Boundary*: The entire parcel is tinted pink, signifying Urban Area.

Year	Source	Adjoining Property History:
1971-1995	Aerial Photo	*All Boundaries*: No significant changes are noted during this time period
1978-1994	Sanborn Map	*All Boundaries*: No significant changes are noted during this time period
2001-2002	Sanborn Map	*Eastern Boundary*: The adjacent parcel contains a newly-constructed (1999) commercial warehouse.
		All Other Boundaries: No significant changes are noted in comparison to the 1994 map.
2006	Aerial Photo	*Eastern Boundary*: The adjacent parcel contains a newly constructed (1999) commercial warehouse. *All Other Boundaries*: No significant changes are noted in comparison to the 1995 photo.
2003-2007	Sanborn Map	*Eastern Boundary*: The adjacent parcel's commercial building is depicted as "Staples" and "Auto Supply".
		All Other Boundaries: No significant changes are noted in comparison to the 1994 map.
2009-2011	Aerial Photos	*All Boundaries*: No significant changes are noted in comparison to the 2006 photo.

3.2.3 Surrounding Property History

Surrounding properties identified in this section are located on the neighboring blocks beyond the adjoining properties.

Year	Source	Surrounding Property History:
1888	Sanborn Map	*North*: No structures are defined
		East: No structures are defined
		South: No structures are defined.
		West: "Somers Bro's Decorated Tinware" is first noted.
1900	Topographic Map	*All Directions*: Numerous blocks are defined; contours show drainage towards the Gowanus Canal
1906	Sanborn Map	*North*: "Washington Park, Brooklyn Ball Club" and residential row house developments are noted.
		East: No structures are defined; 4th Avenue is visible

Year	Source	Surrounding Property History:
		South: The 5th Street Basin is first noted; "American Ice Co" is also noted across the canal.
		Western Boundary: "American Can Co., Somers Branch" occupies the remainder of the block.
1924	Aerial Photo	*North*: The "Washington Park, Brooklyn Ball Club" and urban block development are visible.
		East: Across 4th Avenue the near blocks appear vacant, residential row houses are also visible
		South: 5th Street Basin and barges are visible as well as commercial yards and buildings.
		West: Manufacturing and other commercial like buildings are noted on the western block across 3rd Avenue; the Gowanus canal is visible.
1924	Topographic Map	*All Directions*: No significant changes are noted in comparison to the 1900 Topographic Map.
1926	Sanborn Map	*North*: No significant changes from the 1906 map are noted.
		East: Commercial operations noted as "Metal Works", "Electric Welding", "Woodworking", "Stores & Auto Sales RM" occupy the 4th Avenue frontage of the block.
		South: The 5th Street Basin is still present. The commercial operation noted as "Standard Kalamen Door Co., Inc." occupies the block across the canal; it appears to be a lumber and junk yard.
		West: No significant changes from the 1906 map are noted.
1940 and 1943	Aerial Photos	*North*: The baseball park is no longer noted; commercial; and residential development appears.
		Eastern Boundary: Buildings are noted along the 4th Avenue frontage of the block; a park appears across 4th Avenue.
		South: The 5th Street Basin is still present with the adjacent block appearing to be mostly vacant. Buildings are noted along the 4th Avenue frontage of the block.
		West: Large commercial looking buildings dominate the area; the Gowanus canal is visible.
1951	Sanborn Map	*North*: Consolidated Edison operations dominate the neighboring block; further north the row houses have been replaced by a school.

Year	Source	Surrounding Property History:
		East: Commercial operations include metal manufacturing filling stations and auto sales. Three gas tanks are at the corner of the block near the intersection of 3rd Street and 4th Avenue; a filling station south down 4th avenue also contains four gas tanks.
		South: The 5th Street Basin appears to be filled in; commercial operations noted as "Auto Wrecking" and "Eagle Clothes" (a clothing manufacturer) are present.
		West: No significant changes from the 1926 map are noted.
1951	Aerial Photo	*South*: A large warehouse type building is now visible.
		All Other Directions: No significant changes are noted in comparison to the 1943 photo.
		Southern Boundary: The 5th Street Basin has been filled in.
1954	Aerial Photo	*All Directions*: No significant changes are noted in comparison to the 1951 Aerial Photo.
1956	Topographic Map	*All Directions*: Urban areas have been tinted pink, blocks and roads are more clearly defined.
1961	Aerial Photo	*All Directions*: No significant changes are noted in comparison to the 1954 Aerial Photo.
1965	Sanborn Map	*East*: Two filling stations are noted along 4th avenue, as well as a private garage.
		South: "Eagle Clothes" still exists; a parking lot is now noted where the junk yard used to exist.
		All Other Boundaries: No significant changes are noted in comparison to the 1951 map.
1966	Aerial Photo	*All Directions*: No significant changes are noted in comparison to the 1961 Aerial Photo.
1967	Topographic Map	*All Directions*: Urban areas have been tinted pink, blocks and roads are more clearly defined.
1971-1995	Aerial Photo	*All Directions*: No significant changes are noted during this time period
1978	Sanborn Map	*All Directions*: No significant changes are noted during this time period
1979	Sanborn Map	*West*: Across 3rd Avenue, Freight storage and loading docks are noted for the first time.

Year	Source	Surrounding Property History:
		All Other Directions: No significant changes are noted in comparison to the 1978 map.
1979 and 1995	Topographic Map	*All Directions*: No significant changes are noted
1980	Sanborn Map	South: "U-Haul Stge & Rental" is noted over the warehouse formally noted as Eagle Clothes.
		All Other Directions: No significant changes are noted in comparison to the 1979 map.
1982-1994	Sanborn Map	*All Directions*: No significant changes are noted in comparison to the 1980 map.
2006	Aerial Photo	*East*: Along 4th Avenue, commercial structures have been demolished and a parking lot now exists; a residential tower is also noted for the first time.
		West: Across 3rd Avenue, the lot formally containing freight storage is vacant.
		All Other Directions: No significant changes are noted.
2001-2005	Sanborn Map	*East*: Along 4th Avenue, commercial structures have been demolished and a parking lot now exists.
		All Other Directions: No significant changes are noted.
2006-2007	Sanborn Map	*West*: Across 3rd Avenue, the lot formally containing freight storage is vacant; brick storage is noted.
		All Other Boundaries: No significant changes are noted in comparison to the 2005 map.
2009-2011	Aerial Photo	*East*: The filling station formally at the corner of 3rd Street and 4th Avenue is now a vacant lot.
		All Other Directions: No significant changes are noted in comparison to the 2006 photo.

3.3 PREVIOUS REPORTS

No previous reports regarding the subject property were provided to us, and we did not identify any such reports during this Phase I ESA.

3.4 ENVIRONMENTAL DATABASE SEARCH

A search of regulatory databases, including federal, state, and local databases that maintain records regarding potential and actual environmental threats within search distances specified

in ASTM E1527-13 was performed by EDR. The minimum search distance for specific government records varied from 0.0 miles (subject property only) to 1.0 mile, in accordance with the requirements of ASTM E1527-13.

Integral reviewed each environmental database on a record-by-record basis as provided in the August 25, 2015, *Radius Map Report* (Appendix E). The environmental databases contained listings for the subject property and listings of properties within the specified radii, which are discussed in the subsequent sections.

Several orphan sites (i.e., sites where the address information is insufficient to locate the property on a map) were identified. Based on a review of available information provided for the orphan sites, none appears to be related to the subject property. A complete list of orphan sites is provided in Appendix E.

Sites of environmental concern that have the potential to impact the subject property are discussed in this section (including relative distance, direction, and assumed hydraulic gradient). A detailed description of RECs, CRECs, HRECs, or *de minimis* conditions, if any, resulting from these listings has been provided in the Findings and Opinions section of this report (Section 8).

3.4.1 Federal Databases

The standard environmental records searched in EDR's *Radius Map Report* (Appendix E) include the following federal databases: the National Priority List (NPL); Delisted NPL; Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS); CERCLIS No Further Remedial Action Planned site list; Resource Conservation and Recovery Act (RCRA) Corrective Action Sites (CORRACTS) facilities list; RCRA non-CORRACTS Transporters, Storage, and Disposal Facilities list; RCRA Generators list; Institutional Controls / Engineering Controls registries; and the Emergency Response Notification System list.

3.4.1.1 National Priority List

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

The subject property was not listed as an NPL site. However, one NPL site was listed within a mile radius of the subject property.

Lower Elevation:

- *Gowanus Canal* (295 feet west and relatively down gradient of the subject property) – Assigned the EPA ID NYN00020622, this listing identifies impacts to the Gowanus Canal. Activities associated Manufactured Gas Plants (MGPs), as well as PCB contamination, have been identified.

Integral has concluded that the Gowanus Canal NPL site represents a REC, as the proximity of the NPL site represents the likely presence of hazardous materials at the subject property.

3.4.1.2 CERCLIS

Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) is a compilation of known or suspected, uncontrolled or abandoned hazardous waste sites which the U.S. EPA has investigated or plans to investigate for a release or threatened release of hazardous substances pursuant to the Superfund Act of 1980 (CERCLA). Some of these sites may constitute a potential threat to human health and the environment. While it has been determined by the U.S. EPA that some CERCLIS sites require no action, others could pose a real or perceived environmental threat to neighboring properties, thus affecting property values.

No CERCLIS sites within one half-mile radius of the subject property have been identified in this search.

3.4.1.3 Federal CERCLIS NFRAP Site List (CERC-NFRAP)

Sites listed in this database have been removed and archived from the inventory of CERCLIS sites. Due to their archived status, all assessments made on these sites have satisfied the EPA's guidelines and regulations and therefore, no additional steps will be taken to list these sites on the NPL.

The subject property was not listed in the CERC-FRAP database. However, three properties within a half mile radius to the subject property were listed.

Lower Elevation:

- *BKLYN Union Gas/Citizens Gate Station* (0.2 miles west and at a relatively lower elevation to the subject property) 6th Street and 2nd Avenue – Following a preliminary assessment in 1986, the site was determined to not qualify for NPL status. It is identified by Site ID 0201995.

- *Vidan Auto Salvage* (0.35 miles north by northwest and relatively at a lower elevation to the subject property) 327-321 Bond Street - Following a preliminary assessment in 1991, the site was determined to not qualify for NPL status. It is identified by Site ID 0203501.
- *BKLYN Union Gas/Metropolitan Works* (0.43 miles west by southwest and at a relatively lower elevation to the subject property) 2nd Avenue and 12th Street - Following a preliminary assessment in 1986, the site was determined to not qualify for NPL status. It is identified by Site ID 0201976.

The above listings identified in the CERC-NFRAP listings do not represent a REC, CREC, HREC, or *de minimis* condition as they are unlikely to affect the subject property.

3.4.1.4 RCRA CORRACTS Facilities List (CORRACTS)

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

Equal/Higher Elevation:

- *Patterson Chemical* (0.33 miles northwest and relatively at the same elevation to the subject property) 102 3rd Street – Assigned EPA ID NYD980592471, the site was noted to be a general warehouse and chemical storage facility with freight trucking operations.

Lower Elevation:

- *Deboevoise CO* (0.81 miles southwest and relatively at a lower elevation to the subject property) 74 20th Street – Assigned EPA ID NYD091590471, the site was noted to contain paint and coating manufacturing.

The above listings identified in the CORRACTS database do not represent a REC, CREC, HREC, or *de minimis* condition as they are unlikely to affect the subject property.

3.4.1.5 RCRA Large Quantity Generators

RCRA Large Quantity Generators (RCRA-LQG) generate 1,000 kg or more of hazardous waste during any calendar month; or generates more than 100 kg if any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time.

The subject property was not listed in the RCRA-LQG database. However, nine properties within a quarter mile radius have been identified. Two of these listings are within an eighth of a mile of the subject property and have been summarized below.

Equal/Higher Elevation:

- *Con Edison – 3rd Avenue* (neighboring block to the north and relatively at a higher elevation to the subject property) 222 First Street – EPA ID: NYD0007062189. The hazardous waste code reported for this generator include B002; B004; B007; D001 (ignitable waste); D002 (corrosive waste); D006 (cadmium); D008 (lead); D009 (mercury); D010 (selenium); D011 (silver); D018 (benzene); D035 (methyl-ethyl-ketone); F001 and F002 (spent halogenated solvents). Several violations are noted in the listing, each of which received compliance status shortly after the report date.

Lower Elevation:

- *190-220 Third Street Store LLC* (315 feet to the west across 3rd Avenue and relatively lower to the subject property) 214 3rd Street – EPA ID: NYR000197178. The hazardous waste code reported for this generator was D008 (lead). No violations have been reported in this listing.

Based on our review of the above referenced listings and the additional seven listings not summarized here, Integral has concluded that these sites do not represent a REC, CREC, HREC, or *de minimis* condition, as the generation of hazardous waste does not, by itself, constitute an environmental condition that could potentially impact the subject property.

3.4.1.6 RCRA-SQG

The RCRA Small Quantity Generators (RCRA-SQG) list contains sites which generate, transport, store, treat, and/or dispose of hazardous waste in quantities greater than 100 kilograms, but less than 1,000 kilograms per month.

The subject property was not listed within the RCRA-SQG database. However, five properties within a quarter mile radius to the subject property were listed. Two listings exist within an eighth mile radius of the subject property and have been summarized below.

Equal/Higher Elevation:

- *Susan Maintenance* (420 feet south southeast and relatively at a higher elevation to the subject property) 374 4th Avenue – EPA ID: NYR000076091. The hazardous waste codes reported for this generator are D001 (ignitable waste); D018 (benzene); D039 (tetrachloroethylene); D040 (trichloroethylene). No violations have been reported in this listing.

Lower Elevation:

- *U-Haul Park Slope RERS* (adjoining property to the south of the subject property) 403 3rd Avenue – EPA ID: NYR000071357. The hazardous waste codes reported for this

generator are D001 (ignitable waste); D018 (benzene). No violations have been reported in this listing.

The handling of hazardous waste associated with the automotive service stations at "U-Haul Park Slope", which adjoins the south boundary of the subject property (facility detail in Section 4), is considered part of the adjoining property use REC.

Review of the above summarized listings and additional three listings, Integral has concluded that the remaining sites do not represent a REC, CREC, HREC, or *de minimis* condition, as the generation of hazardous waste does not, by itself, constitute an environmental condition that could potentially impact the subject property.

3.4.1.7 RCRA-CESQG

RCRA Conditionally Exempt Small Quantity Generators (RCRA-CESQG) generate 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg of less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time; 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, wastes or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste.

The subject property was not listed in the RCRA-CESQG database. However, six properties were identified within a quarter mile radius of the subject property. One of these sites is within an eighth mile of the subject property and has been summarized below.

Lower Elevation:

- *Con Edison* (500 feet southwest and at a relatively lower elevation to the subject property) 3rd Avenue and 6th Street – EPA ID: NYP004159976. No hazardous waste codes or violations were reported for this generator.

Based on our review of this listing and the additional five listings not summarized here, Integral has concluded that these sites do not represent a REC, CREC, HREC, or *de minimis* condition, as the generation of hazardous waste does not, by itself, constitute an environmental condition that could potentially impact the subject property.

3.4.2 State Databases

The state records reviewed include the state and tribal equivalent NPL, state and tribal equivalent CERCLIS, state and tribal landfill and/or solid waste disposal site lists, state and tribal leaking storage tank lists, state and tribal registered storage tanks lists, state and tribal

institutional control / engineering control registries, state and tribal voluntary cleanup sites, and state and tribal brownfield sites.

Sites of environmental concern that have the potential to impact the subject property have been outlined in this section based on their environmental records listing. A detailed description of any RECs, CRECs, HRECs, or *de minimis* conditions identified in association with these listings has been provided in the findings and opinions section of this report (Section 8).

3.4.2.1 State and Tribal Equivalent CERCLIS (NY SHWS)

Also referred to as the State Superfund Program, the Inactive Hazardous Waste Disposal Site Remedial Program is the cleanup program for inactive hazardous waste sites.

The subject property was not listed in the NY SHWS database. However, nine properties were listed within a one mile radius of the subject property. Three of these listings exist within a half mile of the subject property and have been summarized below.

Lower Elevation:

- *Gowanus Canal Site* (300 feet west and relatively at a lower elevation than the subject property) – Assigned site code 406956 this site is classified as a significant threat to the public health or environment, with action required. The canal is man-made waterway which occupies 29 acres within southeastern Brooklyn. Six square miles of urbanized land drain into the canal via numerous combined sewer connections. Numerous contaminants of concern exist within the canal and efforts are currently underway by various parties to investigate and remediate the canal.
- *K – Metropolitan MGP* (0.35 miles west southwest and at a relatively lower elevation to the subject property) 124-136 Second Avenue – Assigned site code 372656, this former manufactured gas plant (MGP) existed from the late 1800's to the late 1930's, and has since been completely redeveloped. The original footprint of the plant now occupied by a home improvement center and a strip mall. Groundwater is noted to flow southwest towards the Gowanus Canal. This site remains in noted as "action required".
- *Former O.Z. Electric* (0.48 miles north and relatively at a lower elevation to the subject property) 198 Douglass Street – Assigned site code 450318, this site contained historical manufacturing operations which have left tetrachloroethene (PCE) and benzene contaminated groundwater. The site is currently used as a storage warehouse, and environmental conditions are being monitored.

Based on our review of these listings, we have concluded that the Gowanus Canal does represent a REC, as the proximity to subject property indicates the presence or likely presence of hazardous materials or petroleum under conditions representing a release or material threat of release.

The remaining listings have been reviewed and Integral has concluded that these sites do not represent a REC, CREC, HREC, or *de minimis* condition, as contamination is unlikely to migrate from these sites to the subject property.

3.4.2.2 NY SWF/LF

The Solid Waste Facilities/Landfill (SWF/LF) Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular site.

A review of the NY SWF/LF list revealed that there are no NY SWF/LF records for the subject property. However, seven listings were within a half of a mile radius of the subject property. Two of these listings are within a quarter mile and have been summarized below.

Higher/Equal Elevation:

- *3rd Avenue Flush Truck* (located on neighboring block to the north and relatively at a higher elevation to the subject property) 222 First Street – The block is owned by Consolidated Edison Co. of NY Inc.; portions of the site have been permitted as a transfer station.

Lower Elevation:

- *Gowanus Canal Conservancy, Inc.* (0.19 miles west northwest and relatively at a lower elevation to the subject property) 2 Second Avenue – This is an active disposal facility that is registered to handle organic waste

Based on our review of the above and the additional five reviewed listings, Integral has concluded that these properties do not represent a REC, CREC, HREC, or *de minimis* condition as it is unlikely that contamination would travel from the sites to the subject property.

3.4.2.3 State and Tribal Leaking Storage Tank Lists

An inventory of reported leaking UST incidents is included in the Leaking Underground Storage Tank Incidents Management Database (LUST).

A review of LUST findings has revealed that there are no records that share the same address for the subject property in this database. However, forty LUST listings are within a half mile of the subject property. Following review of these listings the majority of these LUSTs and their associated spills, are minimal releases which were remediated and closed. The closed spills have been remediated to NYSDEC's satisfaction prior to closure.

RECs, CRECs, HRECs, or *de minimis* conditions associated with the LUST records would be identified under the spills database discussion.

3.4.2.4 State and Tribal Registered Storage Tank List

Underground Storage Tank Database

The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of RCRA. The data comes from the NYSDEC.

A review of UST findings revealed no records or properties that share the same address as the subject property. However, seventeen registered UST listings are identified within a quarter mile of the subject property. Seven listings are within an eighth of a mile of the subject property, and have been summarized below.

Equal/Higher Elevation:

- *Pep Boys #0247* (Adjacent property to the east of the subject property) 354 4th Avenue – Identified by Site ID: 2-032301, this is an active petroleum bulk storage (PBS) site. Unregulated USTs with twelve Tank IDs (51747, 51748, 51749, 51750, 51751, 51752, 51754, 51755, 51756, 51758, 54676, 54677), each a 550-gallon steel diesel UST, were removed and closed out on 4/1/98.
- *Parkside Service Center* (400 feet east southeast and relatively at a higher elevation to the subject property) 340 4th Avenue – Identified by Site ID: 2-347353, this is closed out PBS site. One 4,000-gallon steel gasoline UST; and eleven 550-gallon streel gasoline USTs were removed and closed out on 5/6/08.
- *343 4th Avenue* (480 feet south southeast and relatively at a higher elevation to the subject property) 343 4th Avenue – Identified by Site ID: 2-608144, this is closed out PBS site. Three 550-gallon steel gasoline UST; and four 275-gallon streel waste-oil USTs were installed on 12/1/02. A close out date is not available.
- *BP SS #13397* (500 feet south southeast and relatively at a higher elevation to the subject property) 363 4th Avenue – Identified by Site ID: 2-401455, this is closed out PBS site. Five 4,000-gallon steel gasoline USTs were removed and closed out on 3/13/2007. Prior to these UST removals, ten 550-gallon streel USTs (contents are not reported) were removed and closed out in 1991.
- *U-Haul Co of Metro NY* (Adjacent property to the south of the subject property) 259 6th Street – Identified by Site ID: 2-083976, this is closed out PBS site. One 4,000-gallon steel diesel UST; and two 4,000 gallon steel gasoline USTs were removed at an unknown date. The listing was modified on 3/4/04; therefore it is assumed the USTs were removed around this time.

Lower Elevation:

- *220 3rd Street* (450 feet west northwest and relatively at a lower elevation to the subject property) 220 3rd Street – Identified by Site ID: 2-610369, this is a closed out PBS Site. One 1,000-gallon and two 550-gallon steel gasoline UST were closed out and removed in 2005. Additionally, one 550-gallon steel diesel UST; two 550-gallon steel gasoline USTs;

and one 550-gallon steel UST with contents not reported, were closed out and removed in 2010.

- *Walter UMLA Labor Division of Dykes* (550 feet west southwest and relatively at a lower elevation to the subject property) 180 6th Street – Identified by site ID: 2-001694, this is a closed out PBS site. One 4,000-gallon steel #2 Fuel oil UST and one 550-gallon steel gasoline UST have been identified on this site. These USTs are still in service.

Following review of adjoining properties defined as "Pep Boys #0247" and "U-Haul Co of Metro NY" listings, Integral has concluded that these sites contribute to the adjoining property use REC described in Section 8 of this report. The presence of historical USTs on adjoining properties under conditions of material threat of release (due to age of the USTs) constitutes a REC.

Based on review of the additional UST listings, Integral has concluded that the remaining properties do not represent a REC, CREC, HREC, or *de minimis* condition due to the distance from the subject property.

MOSF and MOSF UST

Listings contained in this database are onshore facilities or vessels, with petroleum storage capacitates of 400,000 gallons or greater.

This subject property was not identified in this listing. However, one listing was identified within a half mile radius of the subject property and has been summarized below.

- *Bayside Fuel Oil Corp.* (0.4 miles north and relatively at a lower elevation to the subject property) 510 Sackett Street – Identified by ID: 2-1220, this listing is identified as an inactive fuel depot with an underground storage tank capacity of 1,501,000 gallon capacity.

Based on our review of the above listing, Integral has concluded that this property does not represent a REC, CREC, HREC, or *de minimis* condition due to the distance from the subject property.

Chemical Bulk Storage Site Listing (NY CBS)

Facilities identified within this database store regulated hazardous substances in ASTs with capacities of 185 gallons or greater, or in USTs of any size.

This subject property was not identified in this listing. However, one listing was identified within a quarter mile radius of the subject property and has been summarized below.

Equal/Higher Elevation:

- *Pep Boys #2047* (Adjoining property to the east of the subject property) 354 4th Avenue – Identified with CBS number 2-000417, this facilities status is reported as closed. The permit for CBS expired on 7/6/2007.

The property has previously been designated a REC in connection with adjoining property use. Inclusion in the NY CBS listing further supports this REC status.

AST

The Above Storage Tank database contains registered ASTs. The data comes from the NYSDEC.

A review of AST findings revealed no records or properties that share the same address as the subject property. However, twenty-seven registered AST listings are identified within a quarter mile of the subject property. Five listings are within an eighth of a mile of the subject property and have been summarized below.

Equal/Higher Elevation:

- *Pep Boys #2047* (adjoining property to the east of the subject property) 354 4th Avenue – Identified with facility ID: 2-032301 this site contains an in-service 250-gallon steel waste oil AST.

- *Susan Maintenance Corp.* (420 feet south southeast and at a relatively higher elevation to the subject property) 374 4th Avenue – Identified with facility ID: 2-611328 this site contains the following ASTs which are in-service; one 275-gallon steel motor oil AST; one 275-gallon steel transmission oil AST; one 275-gallon steel waste oil AST; one 275-gallon steel #2 fuel oil AST; and one 2,500-gallon steel 2 fuel oil AST.

Lower Elevation:

- *Park Slope U-Haul Rers* (occupies southern lot adjoining the subject property and is at a relatively lower elevation) 389 3rd Avenue – Identified by facility ID: 2-612146, this site contains one 275-gallon waste oil AST which is in service.

- *S. Miller Inc.* (530 feet west southwest of the subject property and is at a relatively lower elevation) 200 6th Street – Identified by facility ID: 2-286397, this site contains one 5,000-gallon #6 oil AST which has been closed in place.

- *RCC of Our Lady of Peace* (560 feet northwest and at an elevation relatively lower than the subject property) 201 1st Avenue – Identified by facility ID: 2-267562, this site contains one 5,000-gallon and one 10,000-gallon #2 fuel oil ASTs which are both in service.

Following review of adjoining properties listed as "Pep Boys #0247" and "U Park Slope U-Haul Rers", Integral has concluded that these sites contribute to the adjoining property use REC. The ASTs on adjoining properties may have released petroleum to the subject property.

Based on our review of the remaining listings, Integral has concluded that these properties do not represent a REC, CREC, HREC, or *de minimis* condition due to the distance from the subject property.

3.4.2.5 State and Tribal Institutional Controls / Engineering Controls Registries

The sites listed in this registry database have either institutional or engineering controls in place. Institutional controls include administrative measures to restrict exposure to contaminants remaining on site. Engineering controls include various physical constructs or treatment methods to eliminate the exposure of regulated substances to environmental media or human health.

NY ENGINEERING and INSTITUTIONAL CONTROLS

The subject property was not listed in either of these databases. However, one property was listed in both databases within a half mile radius of the subject property:

Lower Elevation:

- *Whole Foods Site* (400 feet west northwest and at a relatively lower elevation to the subject property) 210, 212, 220 3rd Street and 360 3rd Avenue – Identified by site code 333299, institutional controls are in place for groundwater use restriction. Vapor intrusion was identified in the engineering controls summary, and it is assumed that either an individual or combinations of remedial measures (ex. soil vapor extraction, soil vapor barrier) are in place.

Based on our review of the above summarized listing, Integral has concluded that this property does not represent a REC, CREC, HREC, or *de minimis* condition due to the distance from the subject property.

3.4.2.6 NYSDEC VCP and NYSDEC BROWNFIELDS

NY VCP

The voluntary cleanup program uses private monies to remediate contaminated sites to levels allowing for the sites' productive use. The program covers a wide variety of modestly contaminated sites.

The subject property was not listed in this database. However, two properties were listed within a half mile radius of the subject property.

Lower Elevation:

- *K-Metropolitan MGP* (0.35 miles west southwest and at a relatively lower elevation to the subject property) 124-136 Second Avenue – Identified by side code 57308, this property is active in the VCP program as it located on the former Metropolitan Works MGP site.
- *USPS Gowanus Site, Former MGP Metropolitan* (0.35 miles west southwest and at a relatively lower elevation to the subject property) 2nd Avenue and 12th Street – Identified by side code 58108, this property is active in the VCP program as is also located on the former Metropolitan Works MGP site.

Based on our review of the above summarized listings Integral has concluded that these properties do not represent a REC, CREC, HREC, or *de minimis* condition due to the distance from the subject property.

NY BROWNFIELDS

New York State Brownfield Cleanup Sites are defined as abandoned, idled, or under-utilized industrial and commercial sites where expansion or redevelopment is complicated by real or perceived environmental contamination.

The subject property was not listed in NY Brownfields database. However, fifteen NY brownfields sites are within one half mile of the subject property, including one listing located within an eighth miles radius of the subject property, which is listed below.

Lower Elevation:

- *Whole Foods Site* (400 feet west northwest and at a relatively lower elevation to the subject property) 210, 212, 220 3rd Street and 360 3rd Avenue – Assigned BCP Site Code: C224100, remediation at this site has been completed, with institutional and engineering controls in place (Section 3.4.2.5). Historic fill and semi-volatile organic compounds (PAH's) were the primary contaminants of concern.

Review of these fifteen sites has shown they are not located adjacent to the subject property, and potential residual impacts are at proximity of low concern. Therefore, these sites are not considered to be RECs, CRECs, HRECs, or d*e minimis* conditions.

3.4.3 Additional Environmental Records

3.4.3.1 Local Lists of Landfill/Solid Waste Disposal Sites

NY Solid Waste/Registered Recycling Facility List (SWRCY)

A review of the NY SWRCY list has revealed that the subject property was not identified. However three properties are identified within one half mile of the subject property. Each of these properties has been reviewed and they are not located adjacent to the subject property. Any potential release of petroleum or hazardous substances at these recycling facilities would be unlikely to impact the subject property due to the distance from the subject property.

Local Lists of Hazardous Waste/Contaminated Sites (NY DEL SHWS)

A review of the NY DEL SHWS list revealed that subject property was not identified. One property was noted in this database within one mile of the subject property. The property identified as "Carroll Gardens" at the corner of 5th street and Smith Street exists approximately one-half mile west northwest and across the Gowanus canal from the subject site. This site is not considered to be a REC, CREC, HREC, or *de minimis* condition due to the distance from the subject property.

3.4.3.2 Local Lists of Registered Storage Tanks

NY Historical USTs

Facilities identified in this list have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons. Detailed information is provided per site, but is no longer updated due to the sensitive nature of the information involved.

A review of the NY HIST UST list did not identify the subject property in the database. However, thirteen properties have been identified within a quarter mile radius of the subject property. One property, which was not previously identified in the UST section (Section 3.4.2.4) of this report, has been summarized as it exists on the neighboring block to the north of the subject property.

Higher Elevation:

- *Third Avenue Yard* (located on neighboring block to the north of the subject property) 222 1st Street – The site exists within the Consolidated Edison property which is listed under PBS number: 2-452726. In December 1980 two 4,000-gallon steel diesel USTs and one 4,000-gallon steel gasoline UST were removed and closed out. Additionally, one 2,500-gallon steel diesel and one 2,500-gallon steel gasoline UST were also removed in September 1998. Currently, the site is noted to contain two in-service 4,000-gallon fiberglass reinforced steel USTs, which contain diesel and gasoline respectively.

Based on review of this neighboring properties defined as "Third Avenue Yard", Integral has concluded that this site contributes to the adjoining property use REC. The presence of historical and current USTs on adjoining properties, which may have released petroleum that could have affected the subject property, is of concern.

3.4.3.3 Records of Emergency Release Reports

NY Spills

This database includes data collected on spills reported to the NYSDEC and is required by one of or more of the following: Article 12 of the Navigation Law, 6 NYCRR 613.8 (from PBS Regulations), or 6 NYCRR 595.2 (from CBS Regulations). It includes spills and tank test failures active as of April 1, 1986 to present.

A review of the NY Spills list has revealed that there are no listings for the subject property's address. However, seventy-three listings have been identified within an eighth mile of the subject property. Properties and their respective spill numbers which have not been closed out to the satisfaction of the NYSDEC have been summarized below.

Higher Elevation:

- *Commercial Business* (500 feet southeast and at a relatively higher elevation than the subject property) 362 4th Avenue – The site was formally a hospital maintenance building that contained a gasoline fueling station; associated USTs have been closed out in the past. During a recent property transaction, a Phase II investigation discovered petroleum impacts to soil and groundwater in the vicinity of these closed out tanks. The spill number remains open, and the cleanup is noted to be "pending".

- *Third Avenue Yard* (located on neighboring block to the north of the subject property) 222 1st Street – Owned and operated by Consolidated Edison, this property is listed in the Spills database numerous times. Most of the reported spills are small in nature. However, the following spill numbers remain open and are related to larger petroleum contamination investigations: 0203307 and 9808009.

Following review of the above summarized sites, Integral has concluded the current and historical use of the site known as the Third Avenue Yard has resulted in numerous petroleum spills at proximity of concern to the subject property; therefore this listing supports the properties inclusion in the surrounding property use REC associated with this property.

The remaining listings and their associated spill numbers are not considered to be a REC, CREC, or *de minimis* condition as the spills were minor in nature and were identified as having been closed by NYSDEC. However, as there has been numerous reports of petroleum spills in the areas surrounding the subject property, nearby NY Spills which have been remediated to

the satisfaction of NYSDEC is considered an HREC as prior to their closure there was a potential petroleum impacts which may have affected the subject property.

3.4.3.4 Other Ascertainable Records

RCRA Non-Generators / No Longer Regulated

These listings include properties which may have selective information about the generation, transport, storage, treatment and/or disposal of hazardous waste was defined by RCRA.

A review of the RCRA Non-Generators / No Longer Regulated listing has revealed that there are no listings for the subject property. However, forty-seven listings were identified within a quarter mile of the subject property. Several of these listings are adjoining properties; however they have already been summarized in section 3.4.1.5 through 3.4.1.7.

These listings do not represent a REC, CREC, HREC or *de minimis* condition.

Record of Decision (ROD)

These documents mandate a permanent remedy at an NPL site containing technical and health information to aid in the cleanup.

A review of the ROD listings revealed that there are no listings for the subject property. However, one site at a lower elevation was reported within one mile of the subject property. This site, the Gowanus Canal, has already been identified as a REC in section 3.4.2.1.

NY Drycleaners

This database provides a listing of registered dry cleaning facilities and is provided by the NYSDEC.

A review of the NY Drycleaners listings revealed that there are no listings for the subject property. However, two sites have been identified within a quarter mile radius. Their name and address have been provided below.

Higher Elevation:

- *Klor-De Cleaners* (0.24 miles north northeast and at a relatively higher elevation to the subject property) 263 3rd Avenue – Facility ID: 2-6103-00151.

Lower Elevation:

- *Carroll/Yoo Cleaners* (0.19 miles west southwest and at a relatively lower elevation to the subject property) 149 7th Avenue – Facility ID: 2-6103-00194.

Both these sites do not adjoin the subject property and are outside a proximity of concern and are therefore not considered a REC, HREC, CREC, or *de minimis* condition.

NY E Designation

Environmental (E) Designations requires that the owner of the site conduct testing, sampling protocol, and remediation where appropriate, to the satisfaction of the NYCDEP before issuance of a building permit by the Department of Buildings (DOB) pursuant to the provisions of Section 11-15 of the Zoning Resolution (Environmental Requirements).

A review of the E Designation listings revealed that there are no listings for the subject property. However, five sites have been identified within an eighth mile radius of the subject property. None of the five listings do adjoin the subject property and potential contaminants of concern associated with the E Designation are of low concern. Therefore, these listings do not represent REC, CREC, HREC, or *de minimis* condition.

NY Hazardous Substance Waste Disposal Site Inventory (NY HSWDS)

Any known or suspected hazardous substance waste disposal sites are included in this database. Sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites and non-Registry sites the EPA Preliminary Assessment reports or Site investigation reports were prepared, have also been included. There is potential for these sites to be eligible for Superfund status, and further evaluation may be needed prior to being listed as such.

A review of the NY HSWDS listing revealed no listings which share the same address as the subject property. However, two listings were identified within a half mile radius of the subject property. Neither of the two sites adjoins the subject property but their locations have been summarized below.

Lower Elevation:

- *BUG, Citizens Gate Station* (0.21 miles west and at a relatively lower elevation to the subject property) 6th Street and 2nd Avenue – EPA ID: NYD980532212.
- *BUG, Metropolitan Works* (0.43 miles west southwest and at a relatively lower elevation to the subject property) 2nd Avenue and 12th Street – EPA ID: NYD980532006.

These listings do not represent REC, CREC, HREC, or *de minimis* condition, as they are outside a proximity of concern for the subject property.

NY and NJ Manifests

The EPA manifest program tracks hazardous waste from the time it leaves the generator facility where it is produced, until it reaches the off-site waste management facility that will store, treat or dispose of the hazardous waste. This cradle-to-grave tracking system ensures that hazardous

waste is transported from the place of generation to the place of ultimate disposal without being tampered with, dumped, or otherwise illegally disposed of along the way.

A review of the NY Manifests list has revealed no listings for the subject property. However, there are seventy-nine NY MANIFESTS sites within one quarter mile of the subject property. The following properties adjoin the subject property and were identified in these listings.

Equal Higher Elevation:

- *U-Haul Maintenance & Repair* (adjoins the subject property's southern border) 213 6th Street and 3rd Avenue – EPA ID: NYR000041004.
- *Consolidated Edison* (exists across 3rd street on the northern adjoining block) – 222 1st Street – Numerous manifests area associated with this property.

A review of the NJ Manifests list has revealed no listings for the subject property. However, there are eight NJ MANIFESTS sites within one quarter mile of the subject property. The following property adjoins the subject property.

Equal Higher Elevation:

- *Consolidated Edison* (exists across 3rd street on the northern adjoining block) – 222 1st Street – Numerous manifests area associated with this property.

While the manifest sites may not specifically impact the subject property, the documentation indicates that the removal of material from these locations was performed which required specific disposal. These properties have already been included in the adjoining property use REC; their inclusion in the manifest program further supports the REC determination.

3.4.4 EDR High Risk Historical Records

3.4.4.1 Manufactured Gas Plants (MGP)

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas [manufactured gas plants (MGP)] compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800s to 1950s to produce a gas that could be distributed and used as fuel. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludge's, oils, and other compounds are potentially hazardous to human health and the environment. The byproducts from this process were frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

A review of the EDR MGP list, as provided by EDR, has revealed that the there are no EDR MGP sites associated with the subject property. However, five listings have been identified within a mile radius of the subject property.

None of these listings are located at an adjoining boundary of the subject property, the nearest site is 0.35 miles to the west southwest (Metropolitan MGP – 124-136 2nd Avenue). As the

location of these properties is of low concern for the subject property, Integral has concluded that these listings do not represent a REC, CREC, HREC, or *de minimis* condition.

3.4.4.2 EDR US Historical Automotive Stations

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

A review of the EDR US Historical Automotive Station list indicated that the subject property is not listed. Additional review of these listings revealed that there are thirty-five EDR US Historical Automotive Station sites within one quarter (1/4) mile of the subject property at an equal/higher elevation.

These listings have been cross-checked against the UST, LUST, and NY SPILLS databases and we have concluded that they do not represent a REC, CREC, HREC or *de minimis* condition.

3.4.4.3 EDR US Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR classifies these sites as, in their opinion, HRHR.

A review of the EDR US Historical Cleaners list indicated that the subject property is not listed. Additional review of these listings revealed that there are six EDR US Historical Cleaner sites within one quarter (1/4) mile of the subject property.

These listings have been cross-checked against the UST, LUST, and NY SPILLS databases and we have concluded that they do not represent a REC, CREC, HREC or *de minimis* condition.

3.5 FREEDOM OF INFORMATION REQUESTS

Integral sent Freedom of Information Act (FOIA) / Freedom of Information Law (FOIL) requests to the U.S. EPA, NYSDEC, New York State Department of Health (NYSDOH), the New York City Fire Department (FDNY), and the City of New York Department of Environmental Protection (NYCDEP) for the subject property. FOIA/FOIL requests and responses are provided in Appendix F.

Each agency was provided the Block and Lot number and/or the corresponding physical address for the subject property. From each agency, Integral requested any information or copies of files regarding environmental conditions, such as environmental permits, notices of violations, spill/discharge incidents, storage or disposal of hazardous substances, USTs, LUSTs, and any other environmental reports.

3.5.1 U.S. EPA

Integral submitted a FOIA Request to the U.S. EPA. An automated search of appropriate EPA databases did not locate any environmental records for the subject property.

3.5.2 NYSDEC

Integral received acknowledgment of FOIL Request No. 15-3584 on September 14, 2015. If pertinent information is identified after the production of this report as a result of this request, an addendum to this Phase I ESA will be prepared.

3.5.3 NYSDOH

The NYSDOH has acknowledged FOIL Request No. 15-09-081, which pertains to the subject property, but has not provided a formal response on available records. If pertinent information is identified after the production of this report as a result of this request, an addendum to this Phase I ESA will be prepared.

3.5.4 NYCDEP

Integral submitted a FOIL Request to the NYCDEP on September 3, 2015. At this time, no response has been received. If pertinent information is identified after the production of this report as a result of this request, an addendum to this Phase I ESA will be prepared.

3.5.5 City of New York Fire Department

On September 3, 2015, Integral submitted a Fuel Tank Special Request Form and a Violation Special Report Request Form to the New York City Fire Department (FDNY) for the subject property. Integral has not received a response from the FDNY. If pertinent information is identified after the production of this report as a result of this request, an addendum to this Phase I ESA will be prepared.

3.5.6 City of New York Department of Buildings

Integral conducted an online review of the City of New York Department of Buildings (DOB) records for the subject property on September 3, 2015. No violations were identified that would constitute a REC, CREC, HREC or *de minimis* condition.

4 SITE RECONNAISSANCE

4.1 SUBJECT PROPERTY INSPECTION DATA

Inspection Date:	September 15, 2015
Integral Personnel:	Samuel McTavey
Other Parties:	None
Weather	Sunny, 70 degrees

4.2 INTERIOR AND EXTERIOR OBSERVATIONS

Unless otherwise noted, the items listed in the table below appeared in good condition with no visual evidence of staining, deterioration or a discharge of hazardous materials. Items where further description is warranted are discussed in the section(s) following the table.

Item	Present (Yes/ Yes-Historic/ No)	Description
Hazardous material storage or handling areas	NO	
Aboveground storage tanks (ASTs) and associated piping	NO	
Underground storage tanks (USTs) and associated piping	NO	
Drums & containers (>5 gallons)	NO	
Odors	NO	
Pools of liquid, including surface water bodies and sumps (hazardous substances or substances likely to be hazardous, only)	NO	
Polychlorinated Biphenyls (PCBs) / Transformers	NO	
Stains or corrosion	NO	
Drains and Sumps	NO	
Pits, ponds, and lagoons	NO	
Stressed vegetation	NO	
Historic fill or other fill material	NO	

Item	Present (Yes/ Yes-Historic/ No)	Description
Waste water (including storm water or any discharge into a drain, ditch, underground injection system, or stream on or adjacent to the Site)	NO	
Wells (including dry wells, irrigation wells, injection wells, abandoned wells, or other wells.	NO	
Septic systems or cesspools	NO	

The subject property is currently used as a parking lot for the neighboring Consolidated Edison workers. It is not improved upon with any permanent structures, and is entirely covered with gravel. Several utility poles exist on the site, as well as a small shed for the parking lot attendant. No fill ports or vent piping (associated with petroleum storage tanks) were observed.

During the site inspection of the subject property, an abandoned groundwater treatment system was observed on the eastern adjacent property along the 3rd Street. The inspector noted the presence of a carbon filtration unit, groundwater extraction well, and equipment trailer. PVC piping associated with the system was dismantled and the system appeared to be abandoned. Review of the NY Spills database did not identify an open spill number with which this system might be associated.

Two large commercial warehouses operated by Pep Boys and U-Haul with operational automobile service centers, exist on the eastern and southern property boundaries respectively. Automobile fluids changes seem to dominate the primary operations at both these garages.

The presence of the two service centers, and the apparent groundwater treatment system is considered part of the adjoining property use REC.

Photographs taken during the reconnaissance are provided in Appendix G.

4.2.1 Hazardous Substances

Hazardous substances including raw materials; finished products and formulations; hazardous wastes; hazardous constituents and pollutants including intermediates and byproducts; and unidentified substance containers (when open or damaged, and containing unidentified substances suspected of being hazardous or petroleum products) were not identified at the subject property.

4.2.2 Underground Storage Tanks

Integral did not observe evidence of USTs (vent pipes or fill ports) on the subject property.

4.2.1 Aboveground Storage Tanks

Integral did not observe evidence of ASTs on the subject property.

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5 USER PROVIDED INFORMATION

According to the ASTM E1527-13 standard, certain tasks that may help identify the presence of RECs associated with the site are generally conducted by the Phase I ESA user. These tasks include reviewing title records for environmental liens or activity and land use limitations, providing specialized knowledge related to RECs at the site (e.g., information about previous ownership or environmental litigation), and providing explanations for significant reduction in the subject property purchase price. 252 Third Street Realty, LLC has provided this information, when available, and has completed the user questionnaire, which is included in Appendix H.

5.1 TITLE AND JUDICIAL RECORDS FOR ENVIRONMENTAL LIENS OR AULS

The User was not aware of environmental concerns associated with title or judicial records, or the existence of environmental liens or activity and use limitations (AULs) for the subject property.

5.2 SPECIALIZED KNOWLEDGE

The User was aware of some of the historical use of the subject property, and noted that no past environmental site assessments have been completed at the subject property. Records of historical use of the subject property were provided in an interview with Mr. Robert Corroon of 252 Third Street Realty, LLC, and have been discussed in the report accordingly.

5.3 PROPERTY VALUE REDUCTION ISSUES

The User was not aware of property valuation reduction issues regarding the subject property.

5.4 COMMONLY KNOWN OR REASONABLY ASCERTAINABLE INFORMATION

Commonly known/reasonably ascertainable information was provided to Integral by the User in the form of a phone interview completed on September 15, 2015.

5.5 REASON FOR CONDUCTING PHASE I

It is Integral's understanding that the User requested a Phase I for establishing an initial evaluation of the presence of recognized environmental conditions in connection with the subject property in order to determine suitability for a residential development.

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6 INTERVIEWS

The following persons were interviewed to obtain historical or environmental information regarding RECs associated with the subject property.

- Robert Corroon, 252 Third Street Realty LLC – Owners Representative

The information provided in this interview is discussed and referenced in Section 5.

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7 VAPOR MIGRATION

This section outlines the potential of hazardous substances and/or petroleum products to migrate through the subsurface. Results have been obtained through EDR's Vapor Encroachment Condition (VEC) Application Software (VEC App) in order to satisfy the ASTM E2600-10 Tier I screening process. The VEC App was used to identify potential areas of concern both within and outside the borders of the subject property.

Results of the VEC App screening process revealed that a VEC cannot be ruled out to exist on the subject property as a result of the historic presence of a petroleum spill at the adjoining northern property, Consolidated Edison's Third Avenue Yard. Additionally, numerous upgradient and cross-gradient sites within a 0.33-mile radius of the subject property pose potential vapor migration/intrusion risks. The majority of potential areas of concern identified in the report are related to the database listings. A summary of these findings can be found in the EDR VEC App generated report included as Appendix I.

Following review of the subject property and surrounding sites, Integral agrees that the possibility of vapor migration onto the subject property cannot be ruled out. However, the site is not improved with permanent buildings and is open to the air. Since the potential for impacted soil vapor migration exists, but it is unlikely to adversely affect human health or the present environment, a *de minimis* condition exists.

8 FINDINGS / OPINIONS

Review of ascertainable records, historical documentation and the limited site reconnaissance in relation to the subject property, and those within the standard search radii has been completed.

Integral has completed a Phase I ESA for the property located at 252 3rd Street, Brooklyn, New York (the subject property). The subject property is further identified by Block 980 and Lot 19; and is bound by 3rd Street to the north, two large single story commercial buildings with parking lots to the east and south, and a three story industrial warehouse to the west.

The subject property exists within an urbanized area and currently consists of a gravel parking lot for Consolidated Edison that convers the entirety of the lot. The subject property historically operated as a coal storage yard for approximately 55 years between 1888 through 1942 with a coal pocket (large storage shed and conveyor). Stored coal was conveyed to the southern boundary of the property and onto floating barges parked at the former 5th Street Basin (of the Gowanus Canal). Around 1951, the 5th Street Basin was filled. From 1965 through 1980, a metal plating and auto-body shop operated on the northern frontage of the subject property adjacent to 3rd Street. From 1980 on, following the demolition of the metal plating and auto-body shop, the subject property has operated as a parking lot and has not been improved with permanent buildings.

A site location map is included as Figure 1. A general site plan is included as Figure 2.

8.1 RECOGNIZED ENVIRONMENTAL CONDITIONS

8.1.1 ONSITE RECOGNIZED ENVIRONMENTAL CONDITIONS

This Assessment has revealed evidence of one onsite REC in connection with the subject property.

REC 1 – Historic Use of the Subject Property as a Metal Plating and Automotive Body Shop

A metal plating facility and an automotive body shop existed along the northern frontage of the subject property, adjacent to 3rd Street, from 1965 through 1980. Plating operations and automotive services on the subject property constitute a REC.

8.1.2 OFFSITE RECOGNIZED ENVIRONMENTAL CONDITIONS

The Assessment has also revealed evidence of three adjoining and offsite RECs in connection with the subject property.

REC 2 – Filling in of 5th Street Basin

Records show that along the southern boundary of the subject property, the former 5th Street Basin was filled in around 1951. New York City canals filled in during this time period typically were filled with what is now known as historic fill. Historic fill may be solid waste, including coal ash, wood ash, municipal solid waste incinerator ash, construction and demolition debris, dredged sediments, railroad ballast, refuse and land clearing debris, which was used prior to October 10, 1962 (6 NYCRR 375-1.2 [x]). The filling of this basin with likely historic fill, is considered an offsite REC.

REC 3 – Gowanus Canal Superfund Site

At a proximity of 300 feet west of the subject property, the Gowanus canal has been listed on the National Priorities List (NPL; "Superfund") and classified as a significant threat to the public health or environment. Numerous contaminants of concern exist within the canal and surrounding areas. Efforts are currently underway by potentially responsible parties to investigate and remediate the canal. The site is identified in the NPL under EPA ID: NYN000206222. The proximity of the Gowanus Canal is considered an offsite REC.

REC 4 – Historical Use of Adjoining Properties

The environmental database review identified three adjoining properties with extensive environmental records that indicated the presence or likely presence of petroleum or hazardous materials under threat of material release.

Northern Boundary:

- Consolidated Edison – Third Avenue Yard: This property contains numerous NYSDEC spill numbers, two of which are still listed as open (Spill Numbers 0203307 and 9808009). There are also a significant amount of disposal manifests associated with the use of this property.

Eastern Boundary:

- Pep Boys Automotive Facility – Store Number 0247: There are numerous listings which identify this property in manifest and UST listings. In addition to these listings, the property is utilized as an automobile service station further increasing the likelihood of a petroleum release near the subject property.

Southern Boundary:

- U-Haul Moving and Storage of Park Slope: There are numerous listings which identify this property in manifest and UST listings. In addition to these listings, the property is

utilized as an automobile service station further increasing the likelihood of petroleum impacts near the subject property.

Database listings for spills, manifests, and hazardous waste handlers have identified these sites numerous times. The current and historical operation of these facilities, which adjoin the subject property, and the presence or likely presence of petroleum or hazardous materials under threat of material release is considered an offsite REC.

8.2 HISTORIC RECOGNIZED ENVIRONMENTAL CONDITIONS

Historic Recognized Environmental Conditions (HRECs) are environmental conditions which, in the past, would have been considered RECs, but which may or may not be considered RECs currently.

This Assessment has revealed evidence of one HREC in connection with the subject property.

HREC 1 – Historical Petroleum Spills in the Surrounding Area

The subject property is surrounded by numerous properties with historical releases of petroleum identified by the NYSDEC Spills Database. These spills have been remediated to the satisfaction of the NYSDEC and are currently closed. The historical presence of petroleum spills in the surrounding area which have been closed to the satisfaction of the NYSDEC is not a REC; however it is considered a HREC.

8.3 DE MINIMIS CONDITIONS

A *de minimis* condition is defined by ASTM 1527-13 as a condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be *de minimis* are not RECs.

A review of records for the surrounding area identified one *de minimis* condition that exists at the subject property.

***De Minimis 1*: VEC Application Screen**

The VEC Application screening (VEC App) process revealed numerous upgradient and cross-gradient sites within a 0.33-mile radius of the subject property which pose potential vapor migration/intrusion risks (Section 7). The majority of potential areas of concern identified in the report were related to database listings. Following review of the subject property and surrounding sites, Integral agrees that the possibility of vapor migration onto the subject property cannot be ruled out. However, the site is not improved with permanent buildings and is open to the air. Since the potential for impacted soil vapor migration exists, but it is unlikely to adversely affect human health or the present environment, a *de minimis* condition exists.

8.4 DATA GAPS

No data gaps were identified.

8.5 EXCEPTIONS OR DELETIONS FROM ASTM E-1527-13

No state or government officials were interviewed to gain information indicating RECs in connection with the subject property as part of this Phase I ESA. Because FOIA/FOIL requests or equivalent internet searches were submitted to state and government agencies for processing, additional pertinent information relative to the subject property would not be expected from these parties, were they to have been interviewed.

DRAFT

9 CONCLUSIONS

Integral completed this Assessment in general conformance with the scope and limitations of ASTM Practice E1527-13 for the subject property located at 252 Third Street, Brooklyn, New York. Any exceptions to, deletions, or deviations from this practice are described in the Findings and Opinions (Section 8) portion of this report.

RECs are defined as the presence or likely presence of any *hazardous substances* or *petroleum products* on a property under conditions that indicate an existing release, a past release, or a material threat of release of any *hazardous substances* or *petroleum products* into structures on the property or into the ground, groundwater, or surface water of the property. The term is not intended to include *de minimis* conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

This Assessment has revealed evidence of five RECs in connection with the subject property.

9.1 ONSITE RECOGNIZED ENVIRONMENTAL CONDITIONS

This Assessment has revealed evidence of one onsite REC in connection with the subject property.

REC 1 – Historic Use of the Subject Property as a Metal Plating and Automotive Body Shop

A metal plating facility and an automotive body shop existed along the northern frontage of the subject property, adjacent to 3rd Street, from 1965 through 1980. Plating operations and automotive services on the subject property constitute a REC.

9.2 OFFSITE RECOGNIZED ENVIRONMENTAL CONDITIONS

The Assessment has also revealed evidence of three adjoining and offsite RECs in connection with the subject property.

REC 2 – Filling in of 5th Street Basin

Records show that along the southern boundary of the subject property, the former 5th Street Basin was filled in around 1951. New York City canals filled in during this time period typically were filled with what is now known as historic fill. Historic fill may be solid waste, including coal ash, wood ash, municipal solid waste incinerator ash, construction and demolition debris, dredged sediments, railroad ballast, refuse and land clearing debris, which was used prior to October 10, 1962 (6 NYCRR 375-1.2 [x]). The filling of this basin with likely historic fill, is considered an offsite REC.

REC 3 – Gowanus Canal Superfund Site

At a proximity of 300 feet west of the subject property, the Gowanus canal has been listed on the National Priorities List (NPL; "Superfund") and classified as a significant threat to the public health or environment. Numerous contaminants of concern exist within the canal and surrounding areas. Efforts are currently underway by potentially responsible parties to investigate and remediate the canal. The site is identified in the NPL under EPA ID: NYN000206222. The proximity of the Gowanus Canal is considered an offsite REC.

REC 4 – Historical Use of Adjoining Properties

The environmental database review identified three adjoining properties with extensive environmental records that indicated the presence or likely presence of petroleum or hazardous materials under threat of material release.

Northern Boundary:

- Consolidated Edison – Third Avenue Yard: This property contains numerous NYSDEC spill numbers, two of which are still listed as open (Spill Numbers 0203307 and 9808009). There are also a significant amount of disposal manifests associated with the use of this property.

Eastern Boundary:

- Pep Boys Automotive Facility – Store Number 0247: There are numerous listings which identify this property in manifest and UST listings. In addition to these listings, the property is utilized as an automobile service station further increasing the likelihood of a petroleum release near the subject property.

Southern Boundary:

- U-Haul Moving and Storage of Park Slope: There are numerous listings which identify this property in manifest and UST listings. In addition to these listings, the property is utilized as an automobile service station further increasing the likelihood of petroleum impacts near the subject property.

Database listings for spills, manifests, and hazardous waste handlers have identified these sites numerous times. The current and historical operation of these facilities, which adjoin the subject property, and the presence or likely presence of petroleum or hazardous materials under threat of material release is considered an offsite REC.

10 DECLARATION

I, Samuel McTavey, declare that, to the best of my professional knowledge and belief, I meet the definition of an Environmental Professional as defined in Section 312.10 of 40 CFR 312; and I have the specific qualifications based on education, training and experience to assess a site of the nature, history and setting of the subject Site. I have developed and performed the All Appropriate Inquires in conformance with the standards and practice set forth in 40 CFR Part 312.

_____

Samuel McTavey
Environmental Professional

DRAFT

PHASE I ESA REFERENCES

6 NYCRR Part 375-1.2, (x). Department of Environmental Conservation, Division of Environmental Remediation. 6 NYCRR Part 375 Environmental Remediation Programs, Subparts 375-1 to 375-4 & 375-6. December 14, 2006.

ACRIS. New York City Department of Finance; Automated City Register Information System (ACRIS). Accessed on September, 2015.

Corroon, Robert. 252 Third Street Realty, LLC. 2015. Phone interview, 15 September.

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NYSDEC. New York State Department of Environmental Conservation. Spill Incidents Database. Accessed on September, 2015.

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APPENDIX A

EDR AERIAL PHOTOGRAPH REPORT

252 3rd Street, Brooklyn
252 3rd Street
Brooklyn, NY 11215

Inquiry Number: 4393079.9
August 26, 2015

The EDR Aerial Photo Decade Package

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

EDR Aerial Photo Decade Package

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

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Please contact EDR at 1-800-352-0050
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Date EDR Searched Historical Sources:

Aerial Photography August 26, 2015

Target Property:

252 3rd Street

Brooklyn, NY 11215

Year	*Scale*	*Details*	*Source*
1924	Aerial Photograph. Scale: 1"=500'	Flight Date: July 01, 1924	USGS
1940	Aerial Photograph. Scale: 1"=500'	Flight Date: April 06, 1940	EDR Proprietary Aerial Viewpoint
1943	Aerial Photograph. Scale: 1"=500'	Flight Date: December 23, 1943	USC&GS
1951	Aerial Photograph. Scale: 1"=500'	Flight Date: April 07, 1951	EDR Proprietary Aerial Viewpoint
1954	Aerial Photograph. Scale: 1"=500'	Flight Date: February 18, 1954	USGS
1961	Aerial Photograph. Scale: 1"=500'	Flight Date: April 12, 1961	EDR Proprietary Aerial Viewpoint
1966	Aerial Photograph. Scale: 1"=500'	Flight Date: February 23, 1966	USGS
1971	Aerial Photograph. Scale: 1"=500'	Flight Date: April 15, 1971	USGS
1974	Aerial Photograph. Scale: 1"=500'	Flight Date: October 19, 1974	USGS
1980	Aerial Photograph. Scale: 1"=500'	Flight Date: July 25, 1980	USGS
1994	Aerial Photograph. Scale: 1"=500'	DOQQ - acquisition dates: April 04, 1994	USGS/DOQQ
1995	Aerial Photograph. Scale: 1"=500'	Flight Date: March 13, 1995	USGS
2006	Aerial Photograph. Scale: 1"=500'	Flight Year: 2006	USDA/NAIP
2009	Aerial Photograph. Scale: 1"=500'	Flight Year: 2009	USDA/NAIP
2011	Aerial Photograph. Scale: 1"=500'	Flight Year: 2011	USDA/NAIP



INQUIRY #: 4393079.9

YEAR: 1924

= 500'

N

EDR



INQUIRY #: 4393079.9

YEAR: 1940

= 500'

N

EDR


INQUIRY #: 4393079.9
YEAR: 1943
= 500'
N
EDR


INQUIRY #: 4393079.9
YEAR: 1951
= 500'
N
EDR


INQUIRY #: 4393079.9
YEAR: 1954
= 500'
N
EDR


INQUIRY #: 4393079.9
YEAR: 1961
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EDR



INQUIRY #: 4393079.9

YEAR: 1966

= 500'

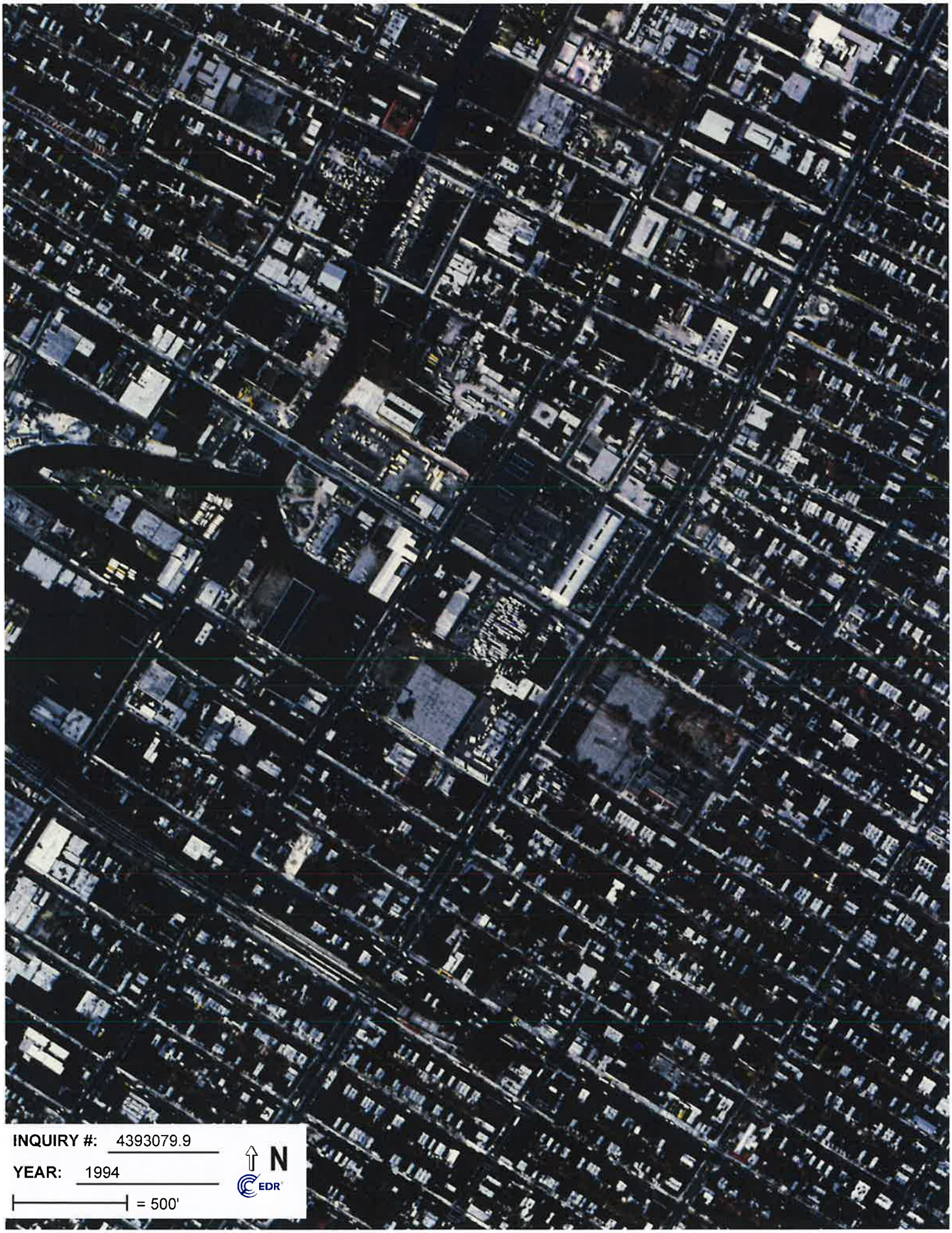
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EDR


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YEAR: 1971
= 500'
N
EDR

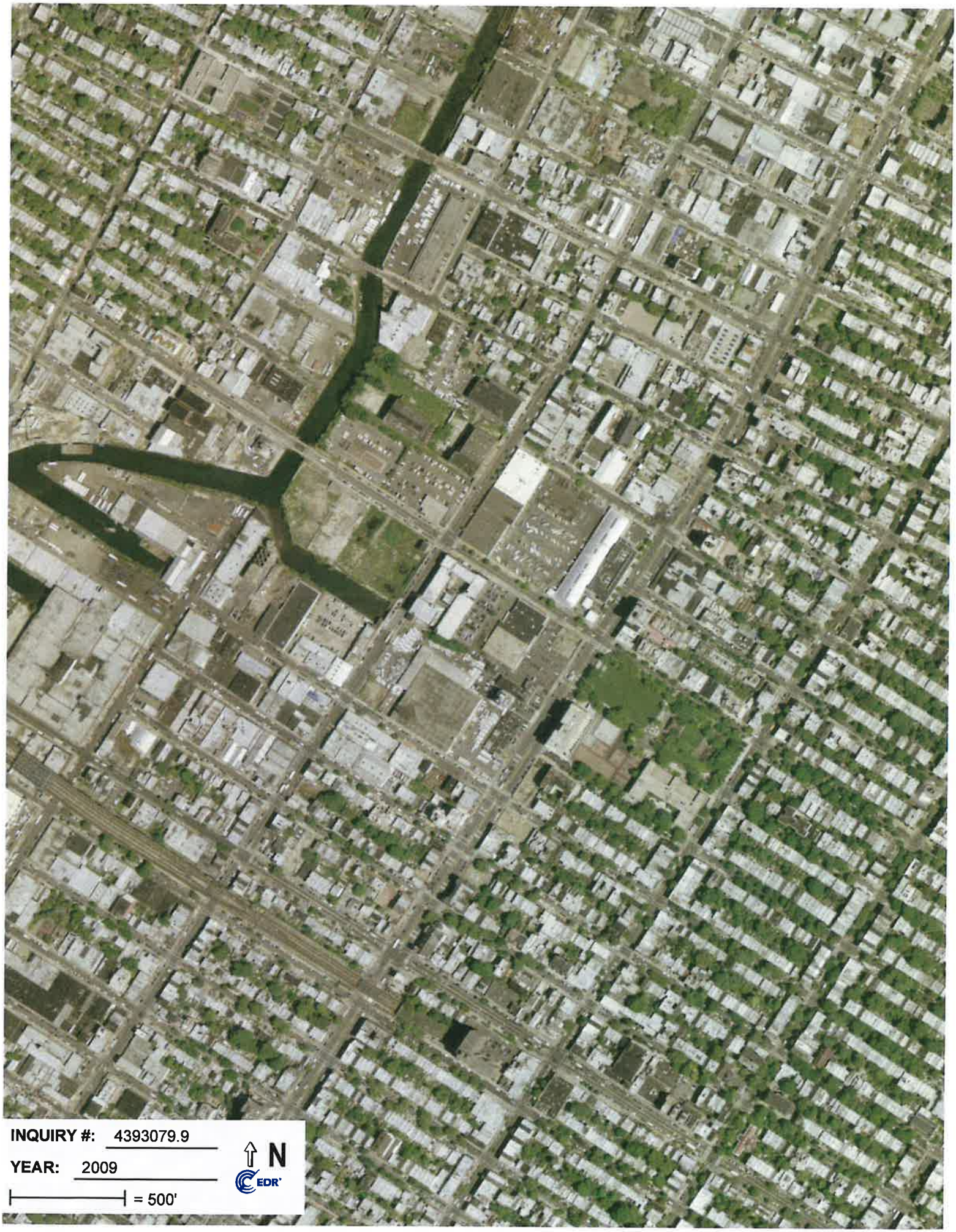

INQUIRY #: 4393079.9
YEAR: 1974
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EDR


INQUIRY #: 4393079.9
YEAR: 1980
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INQUIRY #: 4393079.9
YEAR: 1994
= 500'
N
EDR


INQUIRY #: 4393079.9
YEAR: 1995
= 500'
N
EDR


INQUIRY #: 4393079.9
YEAR: 2006
= 500'
N
EDR


INQUIRY #: 4393079.9
YEAR: 2009
= 500'
N
EDR


INQUIRY #: 4393079.9
YEAR: 2011
= 500'
N
EDR

APPENDIX B

EDR HISTORICAL TOPOGRAPHIC MAP REPORT

252 3rd Street, Brooklyn
252 3rd Street
Brooklyn, NY 11215

Inquiry Number: 4393079.4
August 25, 2015

EDR Historical Topographic Map Report

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

EDR Historical Topographic Map Report

Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

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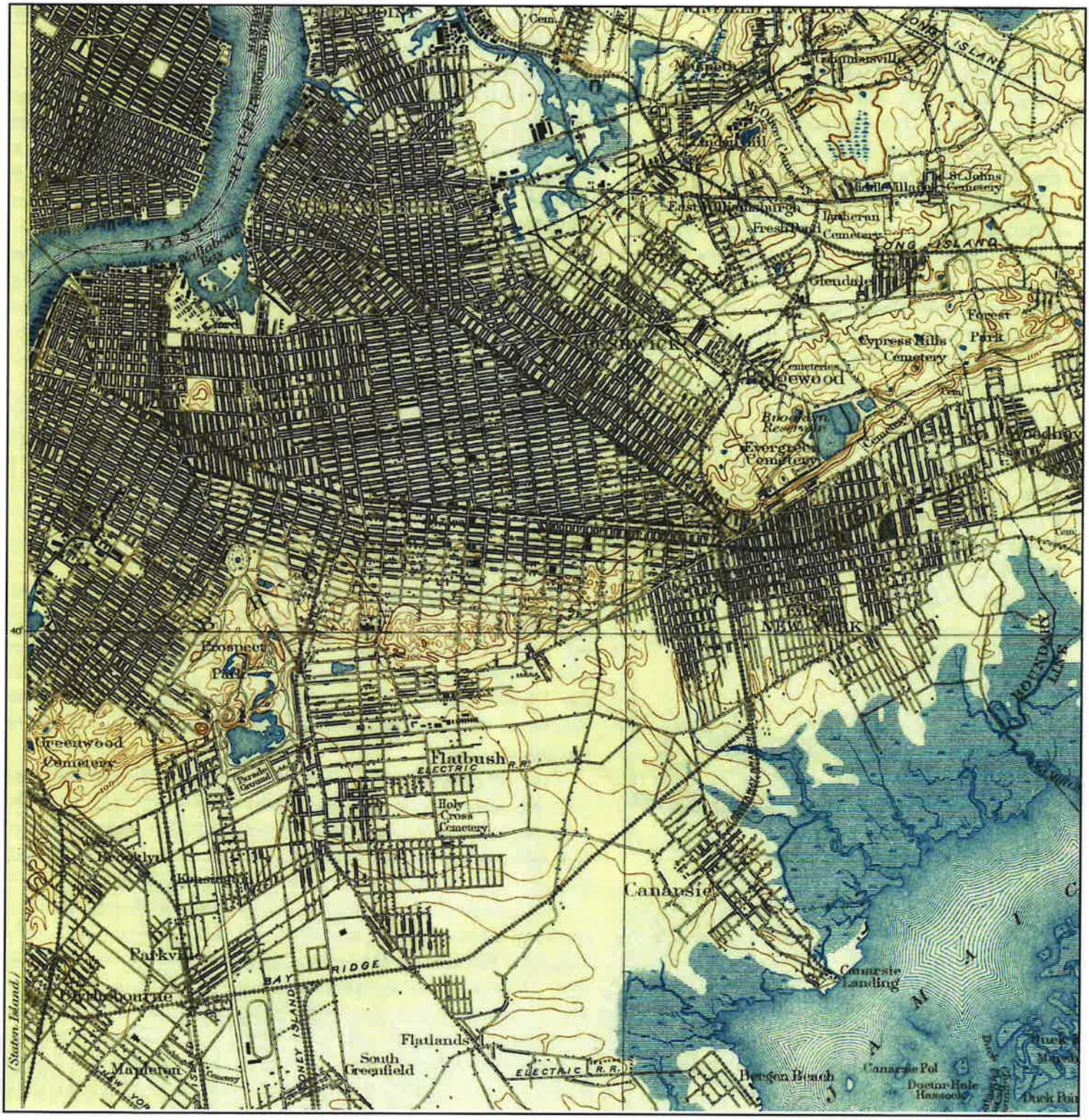
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Historical Topographic Map



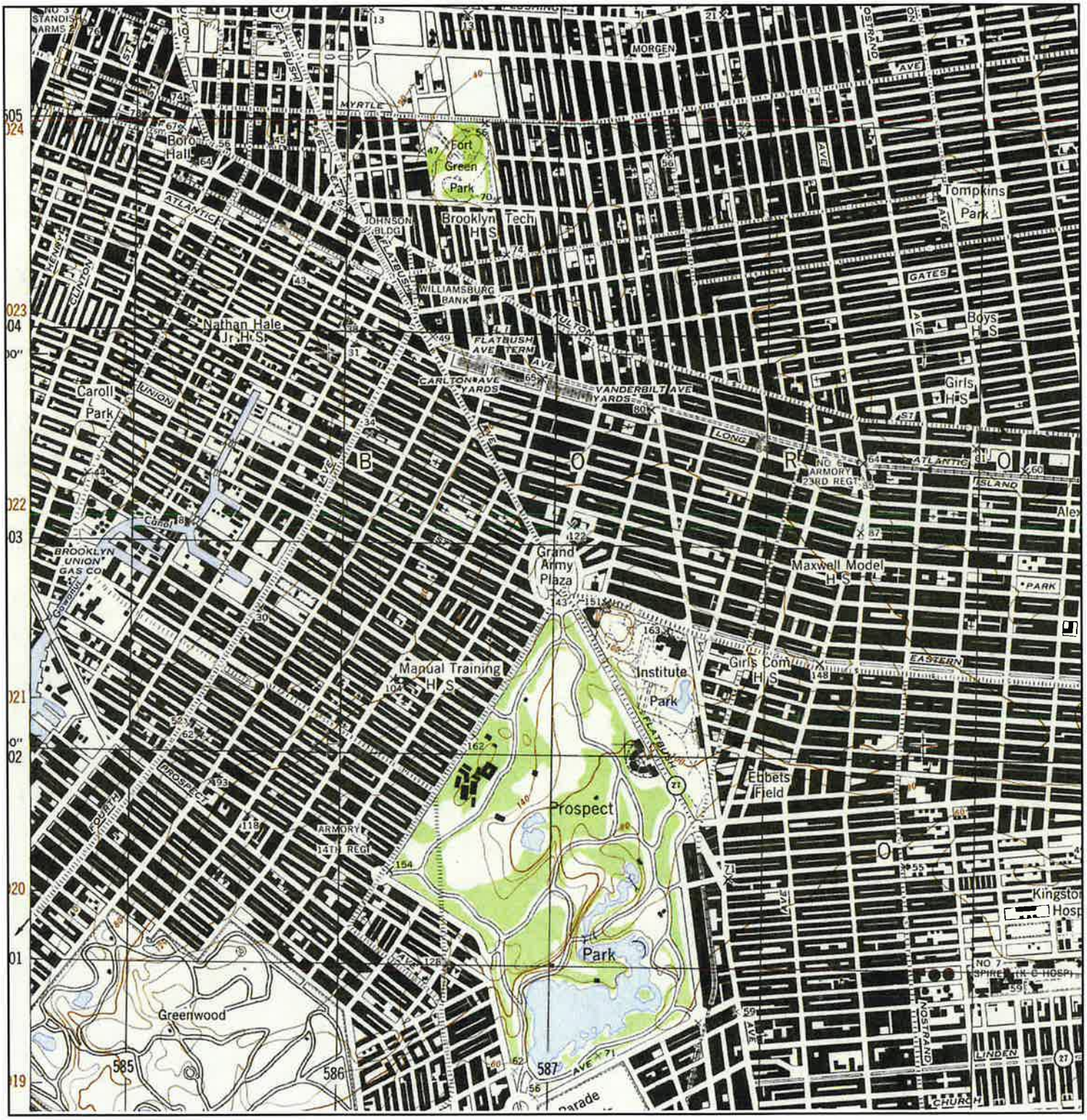
N	TARGET QUAD NAME: BROOKLYN MAP YEAR: 1900 SERIES: 15 SCALE: 1:62500	SITE NAME: 252 3rd Street, Brooklyn ADDRESS: 252 3rd Street Brooklyn, NY 11215 LAT/LONG: 40.6745 / -73.9873	CLIENT: Integral Consulting, Inc. CONTACT: Sam Mctavey INQUIRY#: 4393079.4 RESEARCH DATE: 08/25/2015

Historical Topographic Map



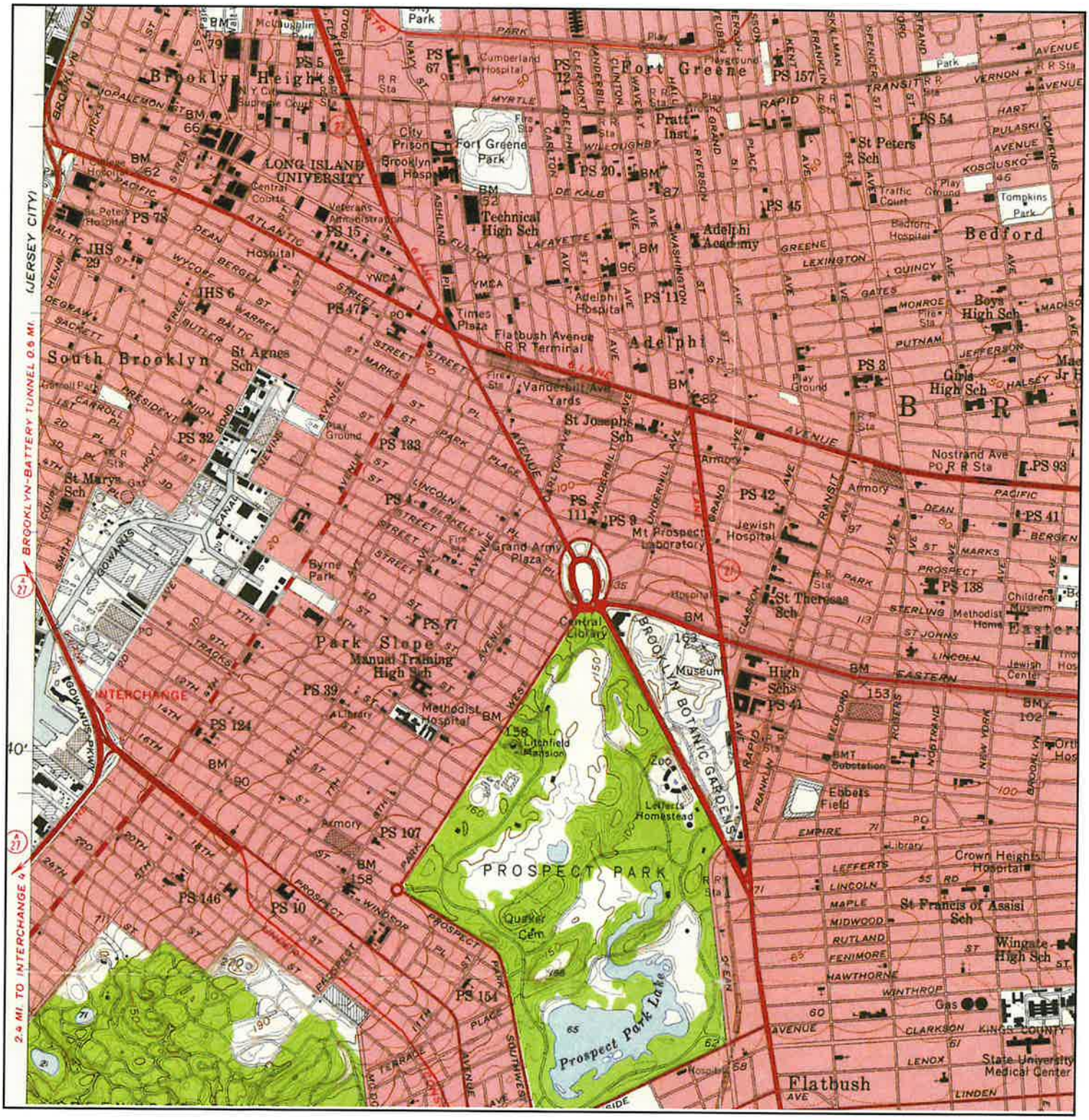
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Historical Topographic Map



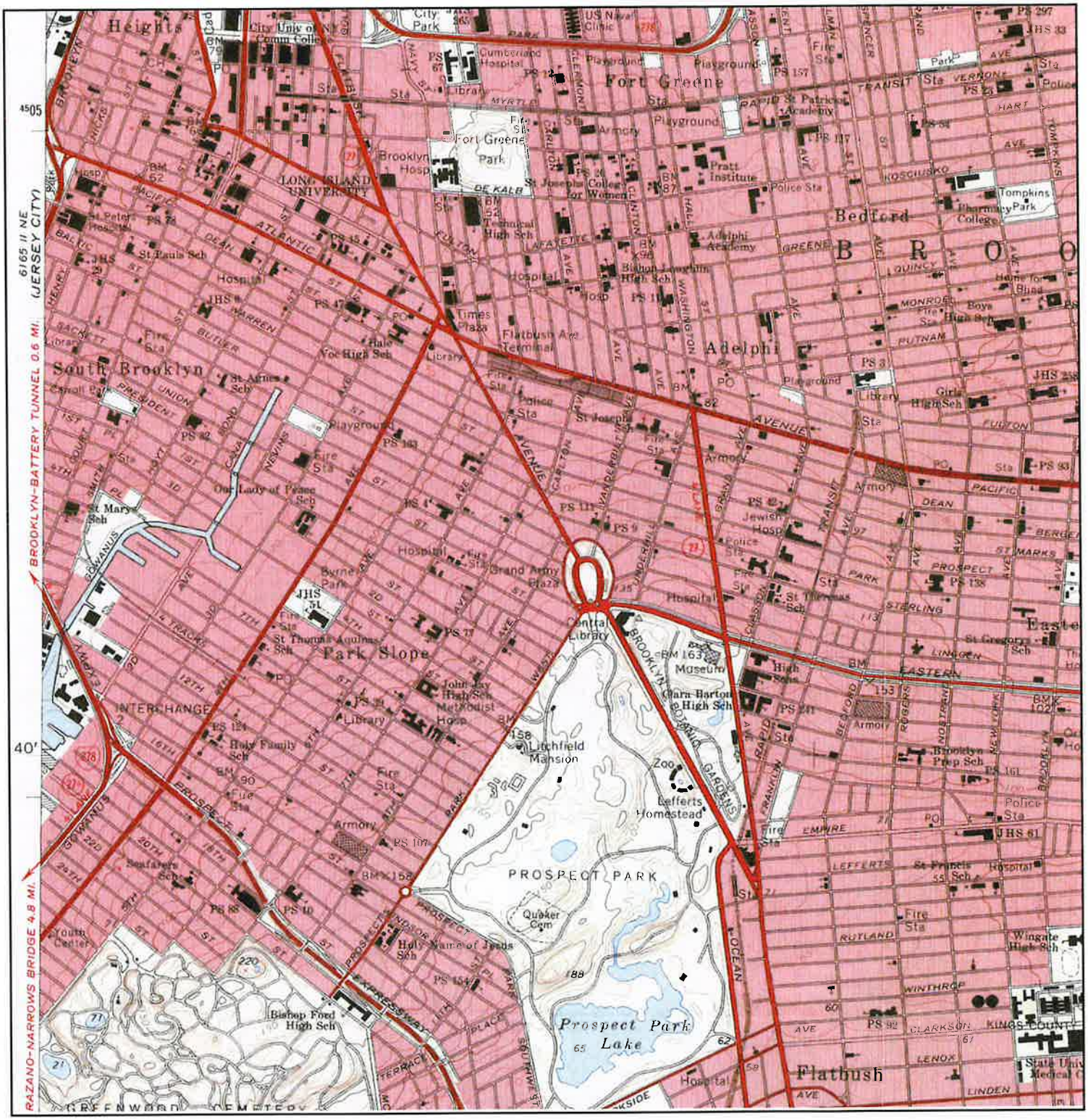
N	TARGET QUAD NAME: BROOKLYN MAP YEAR: 1947 SERIES: 7.5 SCALE: 1:25000	SITE NAME: 252 3rd Street, Brooklyn ADDRESS: 252 3rd Street Brooklyn, NY 11215 LAT/LONG: 40.6745 / -73.9873	CLIENT: Integral Consulting, Inc. CONTACT: Sam Mctavey INQUIRY#: 4393079.4 RESEARCH DATE: 08/25/2015

Historical Topographic Map



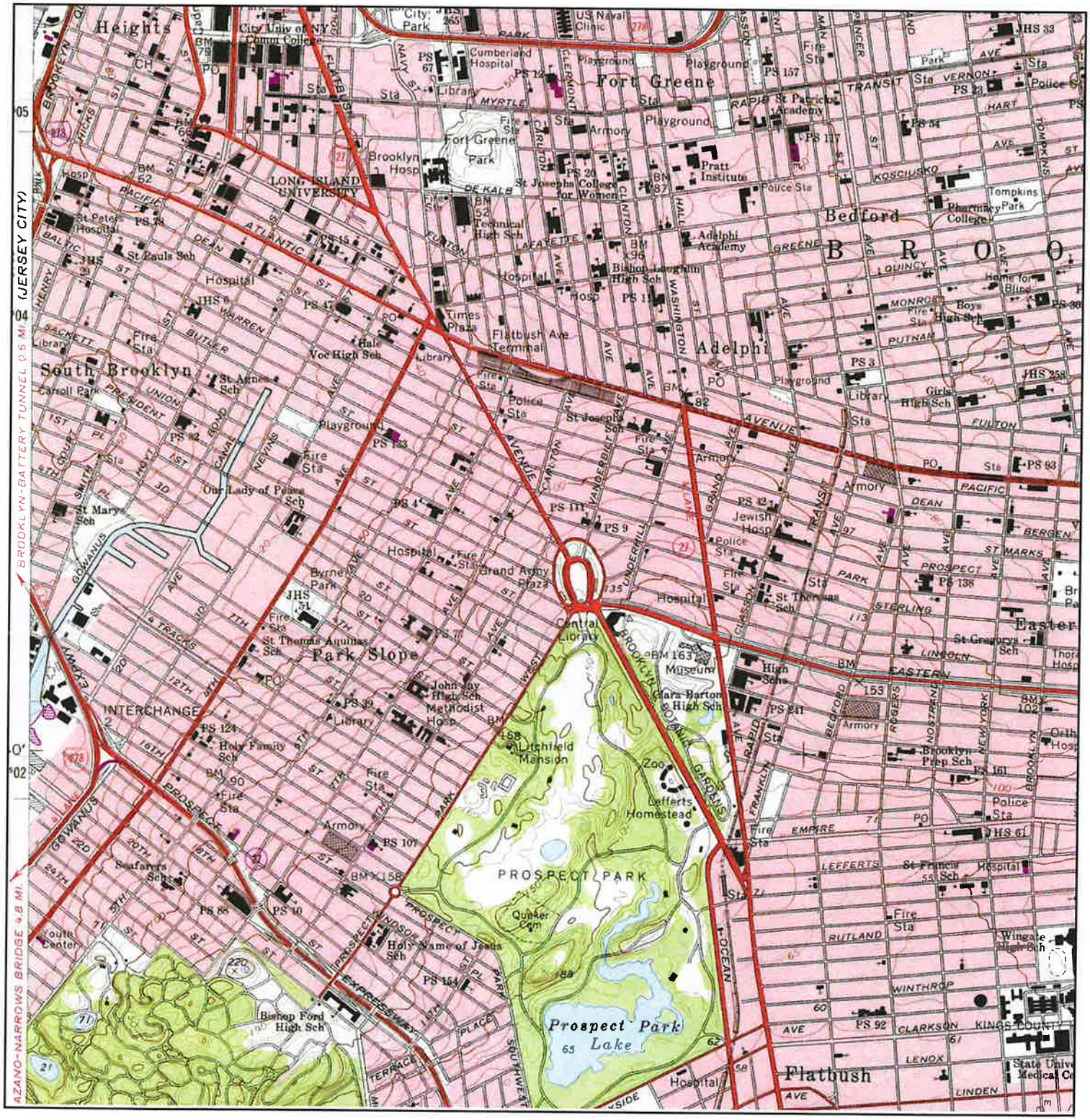
N	TARGET QUAD NAME: BROOKLYN MAP YEAR: 1956 SERIES: 7.5 SCALE: 1:24000	SITE NAME: 252 3rd Street, Brooklyn ADDRESS: 252 3rd Street Brooklyn, NY 11215 LAT/LONG: 40.6745 / -73.9873	CLIENT: Integral Consulting, Inc. CONTACT: Sam Mctavey INQUIRY#: 4393079.4 RESEARCH DATE: 08/25/2015

Historical Topographic Map



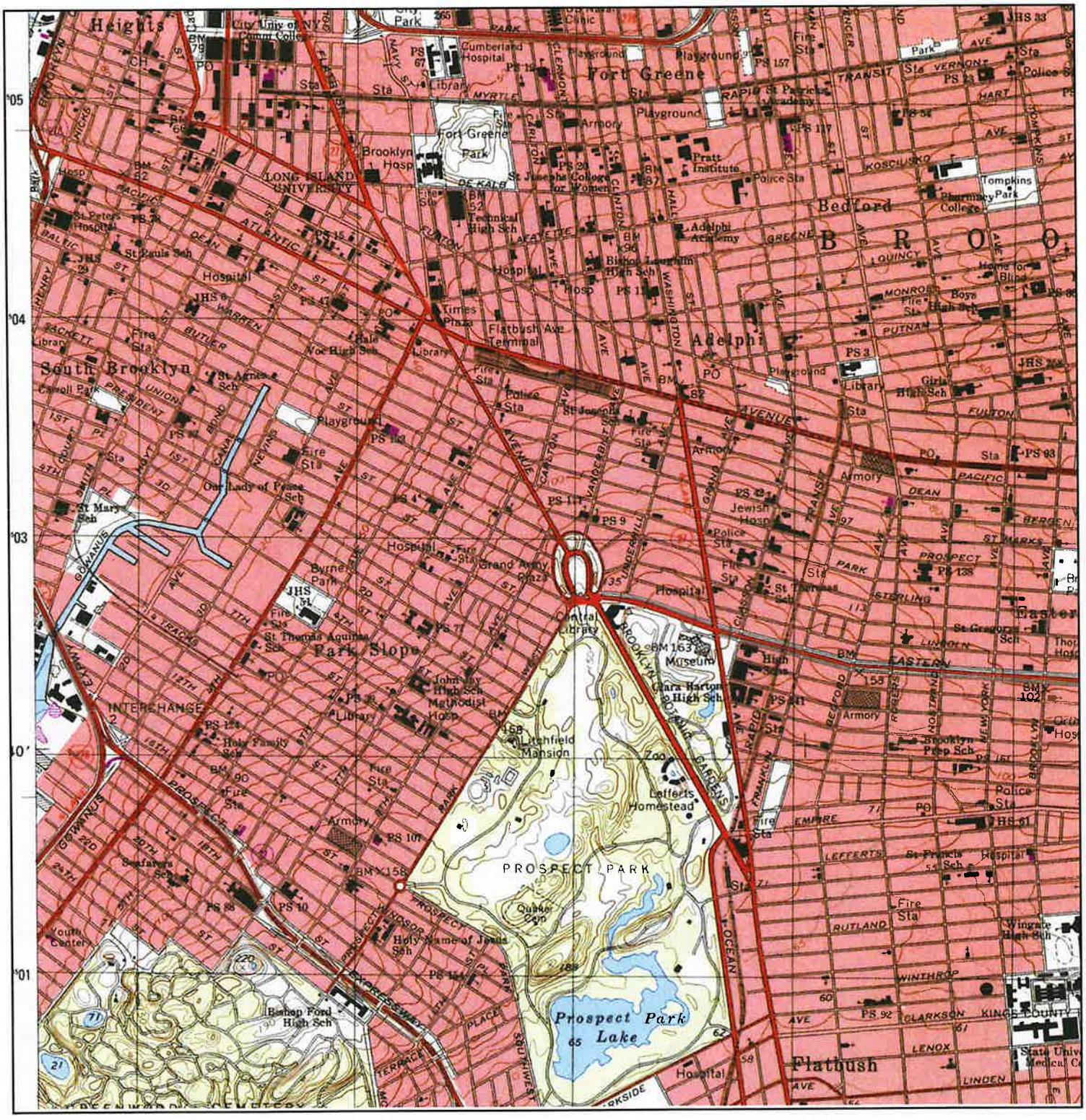
N	TARGET QUAD NAME: BROOKLYN MAP YEAR: 1967 SERIES: 7.5 SCALE: 1:24000	SITE NAME: 252 3rd Street, Brooklyn ADDRESS: 252 3rd Street Brooklyn, NY 11215 LAT/LONG: 40.6745 / -73.9873	CLIENT: Integral Consulting, Inc. CONTACT: Sam Mctavey INQUIRY#: 4393079.4 RESEARCH DATE: 08/25/2015

Historical Topographic Map



N	TARGET QUAD NAME: BROOKLYN MAP YEAR: 1979 PHOTOREVISED FROM :1967 SERIES: 7.5 SCALE: 1:24000	SITE NAME: 252 3rd Street, Brooklyn ADDRESS: 252 3rd Street Brooklyn, NY 11215 LAT/LONG: 40.6745 / -73.9873	CLIENT: Integral Consulting, Inc. CONTACT: Sam Mctavey INQUIRY#: 4393079.4 RESEARCH DATE: 08/25/2015

Historical Topographic Map


Fort Greene
Fort Greene Park
Brooklyn Hosp
Cumberland Hospital
Pratt Institute
Bedford
Adelphi
Adelphi Academy
Bishop Loughlin High Sch
Flatbush Ave Terminal
South Brooklyn
Park Slope
Prospect Park
PROSPECT PARK
Prospect Park Lake
Lefferts Homestead
Litchfield Mansion
Central Library
Brooklyn Museum
Jewish Hosp
Flatbush
Long Island University
Tompkins Park
Grand Army Plaza
Times Plaza
Bishop Ford High Sch
Holy Name of Jesus Sch
Our Lady of Peace Sch
St Mary Sch
St Agnes Sch
St Thomas Aquinas Sch
Holy Family Sch
Seafarers Sch
Wingate High Sch
Brooklyn Prep Sch
Girls High Sch
Boys High Sch
Home for Blind
Pharmacy College
St Joseph's College for Women
St Francis Sch
St Gregory Sch
St Peters Hospital
Methodist Hosp
Youth Center
Police Sta
Fire Sta
Armory
Library
Playground
Hospital
Zoo
Quaker Cem
Heights
Park
PS 67
PS 157
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252 3rd Street, Brooklyn
252 3rd Street
Brooklyn, NY 11215

Inquiry Number: 4393079.5
August 26, 2015

The EDR-City Directory Abstract

EDR® Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

APPENDIX C

EDR CITY DIRECTORY SEARCH REPORT

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SECTION

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City Directory Images

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1928 through 2013. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 100 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Year	Source	TP	Adjoining	Text Abstract	Source Image
2013	Cole Information Services	-	-	-	-
2008	Cole Information Services	-	-	-	-
2005	Hill-Donnelly Corporation	-	-	-	-
2000	Cole Information Services	-	X	X	-
1997	NYNEX	-	-	-	-
1992	NYNEX Informantion Resource Co.	-	X	X	-
1985	NYNEX Information Resources Company	-	-	-	-
1980	New York Telephone	-	-	-	-
1976	New York Telephone	X	-	X	-
1973	New York Telephone	X	X	X	-
1970	New York Telephone	X	X	X	-
1965	New York Telephone	X	X	X	-
1960	New York Telephone	X	X	X	-
	New York Telephone Company	X	X	X	-
1949	New York Telephone Company	X	X	X	-
1945	New York Telephone	-	-	-	-
1940	New York Telephone	-	-	-	-
1934	R. L. Polk & Co.	-	X	X	-
1928	New York Telephone	-	-	-	-

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

252 3rd Street
Brooklyn, NY 11215

FINDINGS DETAIL

Target Property research detail.

3RD ST

252 3RD ST

Year	Uses	Source
1976	BARRETT PLATING & POLISHING CORP	New York Telephone
	SKYLINE AUTO COLLISION	New York Telephone
1973	Barrett Plating & Polishing Corp	New York Telephone
1970	Barrett Plating & Polishing Corp	New York Telephone
1965	Barrett Plating & Polishing Corp	New York Telephone
1960	BARRETT PLATLNG & POLISHING CORP	New York Telephone
	Barrett Platlng & Polishing Corp	New York Telephone Company
1949	Car Bon Tet Co	New York Telephone Company
	Raye Chas Extinguisher Svce	New York Telephone Company
	Royal Carbo Corp	New York Telephone Company

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

3 W 16 st

248 3 W 16 st

Year	Uses	Source
1973	Tanzer Leonard	New York Telephone

3RD AV X st

250 3RD AV X st

Year	Uses	Source
1970	Rettinger Marlene	New York Telephone

3RD FL

241 3RD FL

Year	Uses	Source
1934	CHANDLER OIL CLOTH & BUEHRUM CO HAROLD LEHMKUHL BR MGR BURLAP MFRS	R. L. Polk & Co.

3RD ST

243 3RD ST

Year	Uses	Source
1992	PROGER LUBA	NYNEX Informantion Resource Co.

250 3RD ST

Year	Uses	Source
1992	ALL BOROS BLDG MATERIALS CORP	NYNEX Informantion Resource Co.
1973	Spellman Vincent J canvas div	New York Telephone

254 3RD ST

Year	Uses	Source
1949	Acme Slate Blackboard Co	New York Telephone Company
	Check Labs Inc	New York Telephone Company
	Kemlek Corp clng compds	New York Telephone Company

FINDINGS

256 3RD ST

Year	Uses	Source
1949	Overseas Supl Co	New York Telephone Company
	Foodline Supl Co	New York Telephone Company

258 3RD ST

Year	Uses	Source
1949	NY Soap Co Inc	New York Telephone Company

260 3RD ST

Year	Uses	Source
1965	HERTZ CORP THE Rent A Truck	New York Telephone
1960	METROPOLITN TRUCK LEASE SVCE	New York Telephone
	METROPOLITN TRUCK LEASE SVCE	New York Telephone
	METROPOLITN TRUCK LEASE SVCE Branches	New York Telephone Company
	Used Car & Truck Disposal Depot	New York Telephone Company
	METROPOLITN TRUCK LEASE SVCE	New York Telephone Company

E 3RD ST

241 E 3RD ST

Year	Uses	Source
2000	NANCY FLORES	Cole Information Services
	DOUGLAS HARRELL	Cole Information Services

243 E 3RD ST

Year	Uses	Source
2000	K M LAUSER	Cole Information Services
	JOSEPH HAHN	Cole Information Services
	P DENE	Cole Information Services

244 E 3RD ST

Year	Uses	Source
2000	RICHARD REISS	Cole Information Services

247 E 3RD ST

Year	Uses	Source
2000	ANNA CARRERA	Cole Information Services
	JOSEPH DIER	Cole Information Services

FINDINGS

248 E 3RD ST

Year	Uses	Source
2000	JOHN MAZUR	Cole Information Services

252 E 3RD ST

Year	Uses	Source
2000	HELEN SIMONETTI	Cole Information Services

W 3RD ST

241 W 3RD ST

Year	Uses	Source
2000	BUILDCO CONST CORP	Cole Information Services
	ARC CONST GRP INC	Cole Information Services
	ZORIANO INC	Cole Information Services

243 W 3RD ST

Year	Uses	Source
2000	ARCHTCTRL METL INC	Cole Information Services

245 W 3RD ST

Year	Uses	Source
2000	L & B AUTO RPR CORP	Cole Information Services

248 W 3RD ST

Year	Uses	Source
2000	VELASQUEZ SANTIAGO	Cole Information Services
	SINTHIA CAR SVCE	Cole Information Services
	PARK SLOPE CAR SVC	Cole Information Services
	MASTER TRADINGS	Cole Information Services
	FAMILY CAR SERVICE	Cole Information Services
	IDRIS SALAHELDIN	Cole Information Services
	1R PARVEZ MASIH	Cole Information Services
	HAMED M ISMAIL	Cole Information Services
	BELISARIO A BUENO	Cole Information Services
	MAGDI AHMED	Cole Information Services
	FRIENDS TRADERS	Cole Information Services

249 W 3RD ST

Year	Uses	Source
2000	GROSS KBRCK CO INC	Cole Information Services

FINDINGS

Year	Uses	Source
2000	GROSKOB CO	Cole Information Services
	FACTORY DRCT INC	Cole Information Services
	AYSAR CORP	Cole Information Services
	AYSAR	Cole Information Services

250 W 3RD ST

Year	Uses	Source
2000	THOMAS LIETO	Cole Information Services
	PASQUALE FIALO	Cole Information Services

251 W 3RD ST

Year	Uses	Source
2000	JAY RCHRDS SEC INC	Cole Information Services

252 W 3RD ST

Year	Uses	Source
2000	APARTMENTS	Cole Information Services
	2FL E GOMEZ	Cole Information Services
	MARLENY GUZMAN	Cole Information Services
	MARION GARAFOLA	Cole Information Services
	SID POODIE	Cole Information Services
	PHILIP SHIMMEL	Cole Information Services
	HELEN ZOZZARD	Cole Information Services
	SILVER BRK SCL CLB	Cole Information Services

253 W 3RD ST

Year	Uses	Source
2000	PARK SLOPE AT GLS	Cole Information Services
	BOOK M & SON INC	Cole Information Services

254 W 3RD ST

Year	Uses	Source
2000	GORDON TURNER	Cole Information Services
	EDBERT MORALES	Cole Information Services

255 W 3RD ST

Year	Uses	Source
2000	GROUND TRNSPRTN	Cole Information Services
	ELITE ELCTRNCS INC	Cole Information Services

FINDINGS

256 W 3RD ST

Year	Uses	Source
2000	1 RONALD LOMBARDI	Cole Information Services
	R LOMBARDI	Cole Information Services
	BARBARA BAILEY	Cole Information Services
	APARTMENTS	Cole Information Services
	WINSOME MILES	Cole Information Services

258 W 3RD ST

Year	Uses	Source
2000	KNSTE BNESE	Cole Information Services
	B D JONES	Cole Information Services

260 W 3RD ST

Year	Uses	Source
2000	1 ANDREW SASAKI	Cole Information Services
	JAMES HOLDER	Cole Information Services
	3 J GONZALEZ	Cole Information Services
	SID BROWN	Cole Information Services
	APARTMENTS	Cole Information Services

FINDINGS

Address Researched	Address Not Identified in Research Source
252 E 3RD ST	2013, 2008, 2005, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
252 W 3RD ST	2013, 2008, 2005, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
253 W 3RD ST	2013, 2008, 2005, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
254 3RD ST	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1945, 1940, 1934, 1928
254 W 3RD ST	2013, 2008, 2005, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
255 W 3RD ST	2013, 2008, 2005, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
256 3RD ST	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1945, 1940, 1934, 1928
256 W 3RD ST	2013, 2008, 2005, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
258 3RD ST	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1945, 1940, 1934, 1928
258 W 3RD ST	2013, 2008, 2005, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
260 3RD ST	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1949, 1945, 1940, 1934, 1928
260 W 3RD ST	2013, 2008, 2005, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

FINDINGS

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched	Address Not Identified in Research Source
252 3rd Street	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1945, 1940, 1934, 1928

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched	Address Not Identified in Research Source
241 3RD FL	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1928
241 E 3RD ST	2013, 2008, 2005, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
241 W 3RD ST	2013, 2008, 2005, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
243 3RD ST	2013, 2008, 2005, 2000, 1997, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
243 E 3RD ST	2013, 2008, 2005, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
243 W 3RD ST	2013, 2008, 2005, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
244 E 3RD ST	2013, 2008, 2005, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
245 W 3RD ST	2013, 2008, 2005, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
247 E 3RD ST	2013, 2008, 2005, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
248 3 W 16 st	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
248 E 3RD ST	2013, 2008, 2005, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
248 W 3RD ST	2013, 2008, 2005, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
249 W 3RD ST	2013, 2008, 2005, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
250 3RD AV X st	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1965, 1960, 1949, 1945, 1940, 1934, 1928
250 3RD ST	2013, 2008, 2005, 2000, 1997, 1985, 1980, 1976, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
250 W 3RD ST	2013, 2008, 2005, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
251 W 3RD ST	2013, 2008, 2005, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

APPENDIX D

EDR SANBORN MAP REPORT

252 3rd Street, Brooklyn
252 3rd Street
Brooklyn, NY 11215

Inquiry Number: 4393079.3
August 26, 2015

Certified Sanborn® Map Report

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

Certified Sanborn® Map Report

8/26/15

Site Name:
252 3rd Street, Brooklyn
252 3rd Street
Brooklyn, NY 11215

EDR Inquiry # 4393079.3

Client Name:
Integral Consulting, Inc.
61 Broadway, Suite 1601
New York, NY 10007-0000

Contact: Sam Mctavey

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

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Site Name: 252 3rd Street, Brooklyn
Address: 252 3rd Street
City, State, Zip: Brooklyn, NY 11215
Cross Street:
P.O. # E-104
Project: 252 3rd Street, Brooklyn NY
Certification # 0C1E-48AE-8706

Sanborn® Library search results
Certification # 0C1E-48AE-8706

Maps Provided:

2007	2001	1987	1965
2006	1994	1985	1951
2005	1993	1982	1926
2004	1992	1980	1906
2003	1991	1979	1888
2002	1988	1978	

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

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

The Sanborn Library LLC Since 1866™

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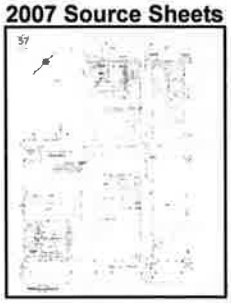
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Sanborn Sheet Thumbnails

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

2007 Source Sheets



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Volume 1, Sheet 58



Volume 6, Sheet 25

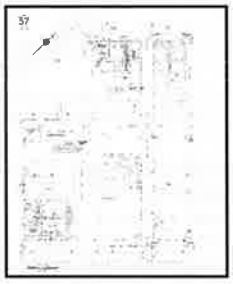


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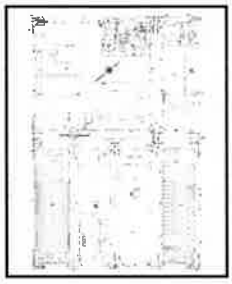
2006 Source Sheets



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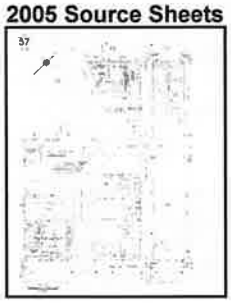


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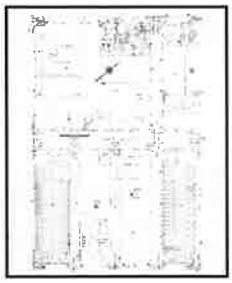
2005 Source Sheets



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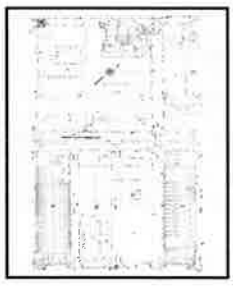


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2004 Source Sheets



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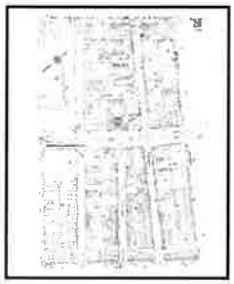


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2003 Source Sheets



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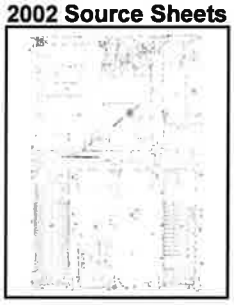


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2002 Source Sheets



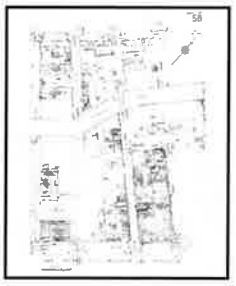
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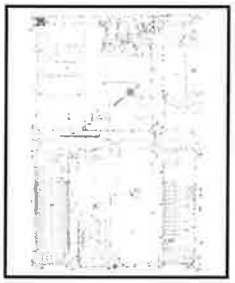
2001 Source Sheets



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1994 Source Sheets



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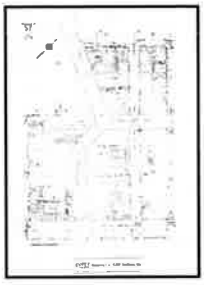
1993 Source Sheets



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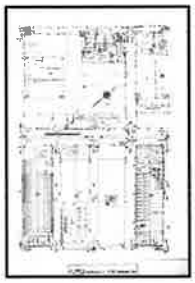
1992 Source Sheets



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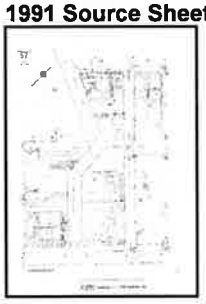


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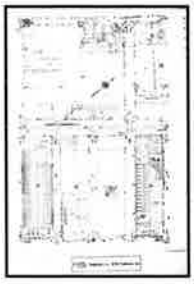


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1991 Source Sheets



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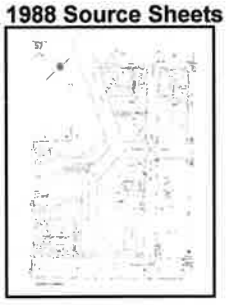


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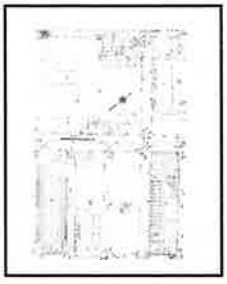


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1988 Source Sheets



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Volume 6, Sheet 26

1987 Source Sheets



Volume 6, Sheet 25



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1985 Source Sheets

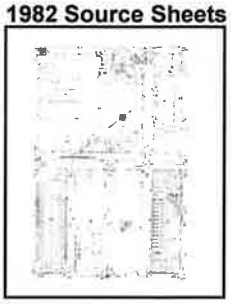


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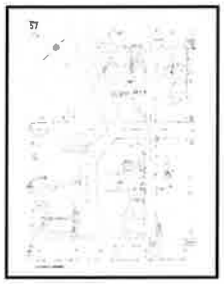
1982 Source Sheets



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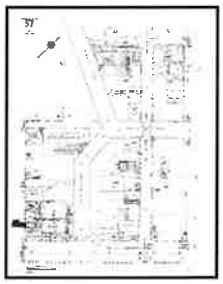
1980 Source Sheets



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1979 Source Sheets



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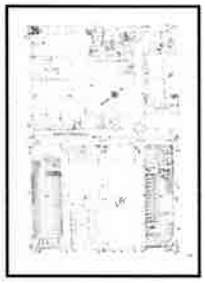


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1978 Source Sheets

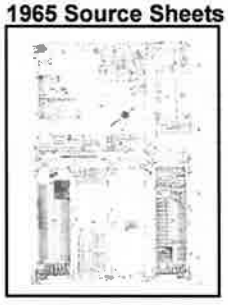


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1965 Source Sheets



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1951 Source Sheets

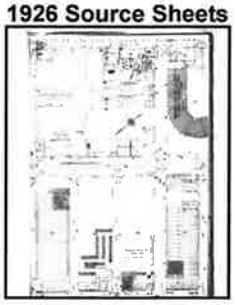


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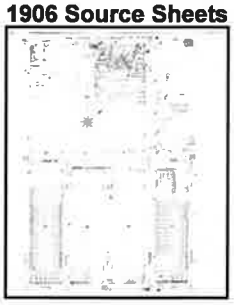
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1926 Source Sheets



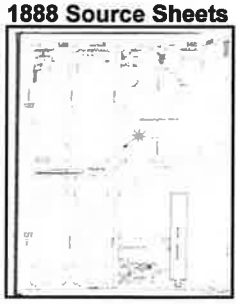
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1906 Source Sheets

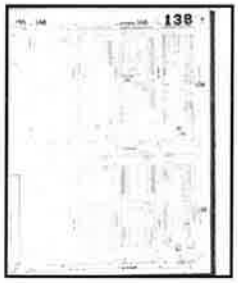


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1888 Source Sheets

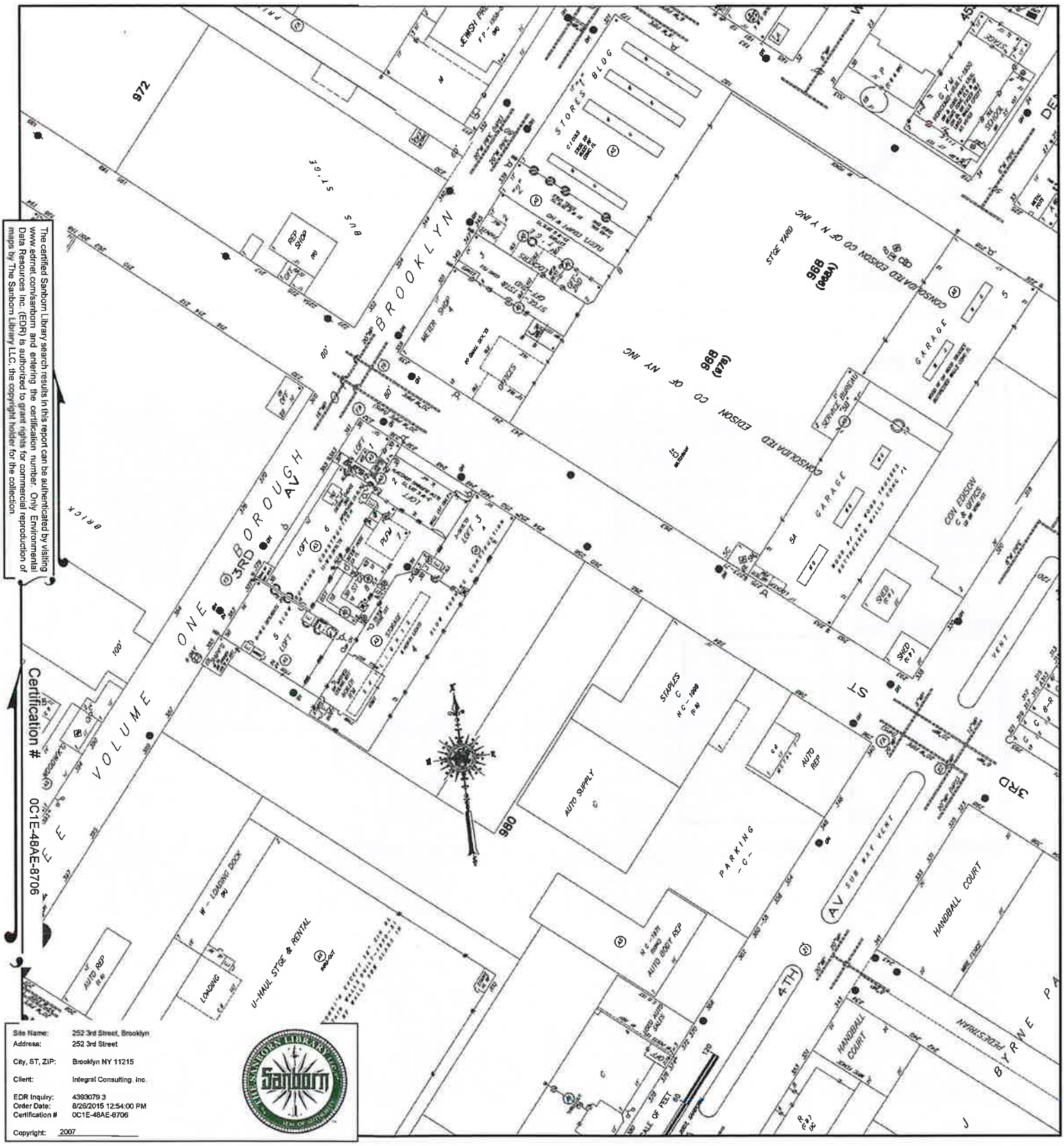


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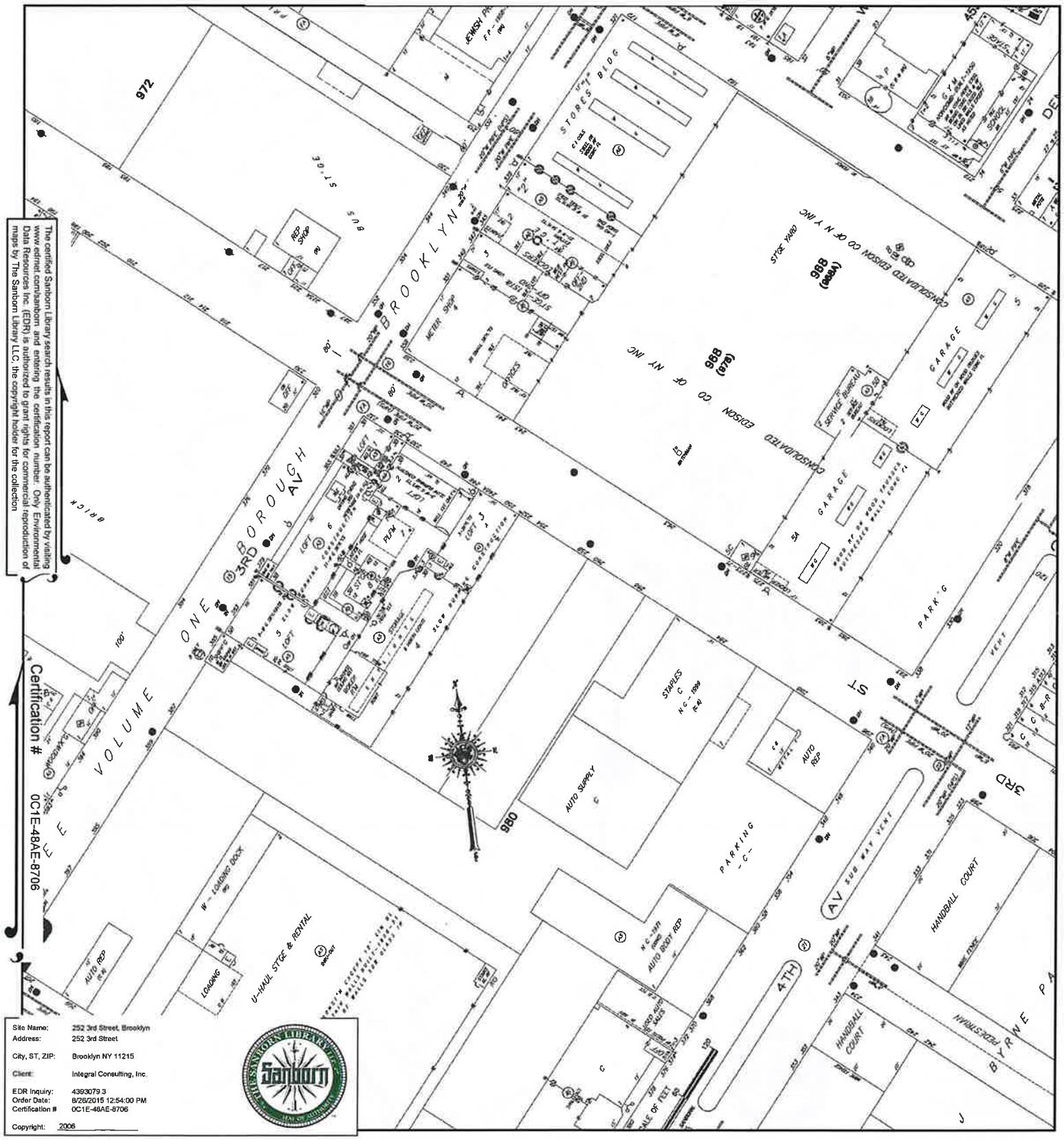


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Volume 6, Sheet 26

0 Feet 150 300 600

N

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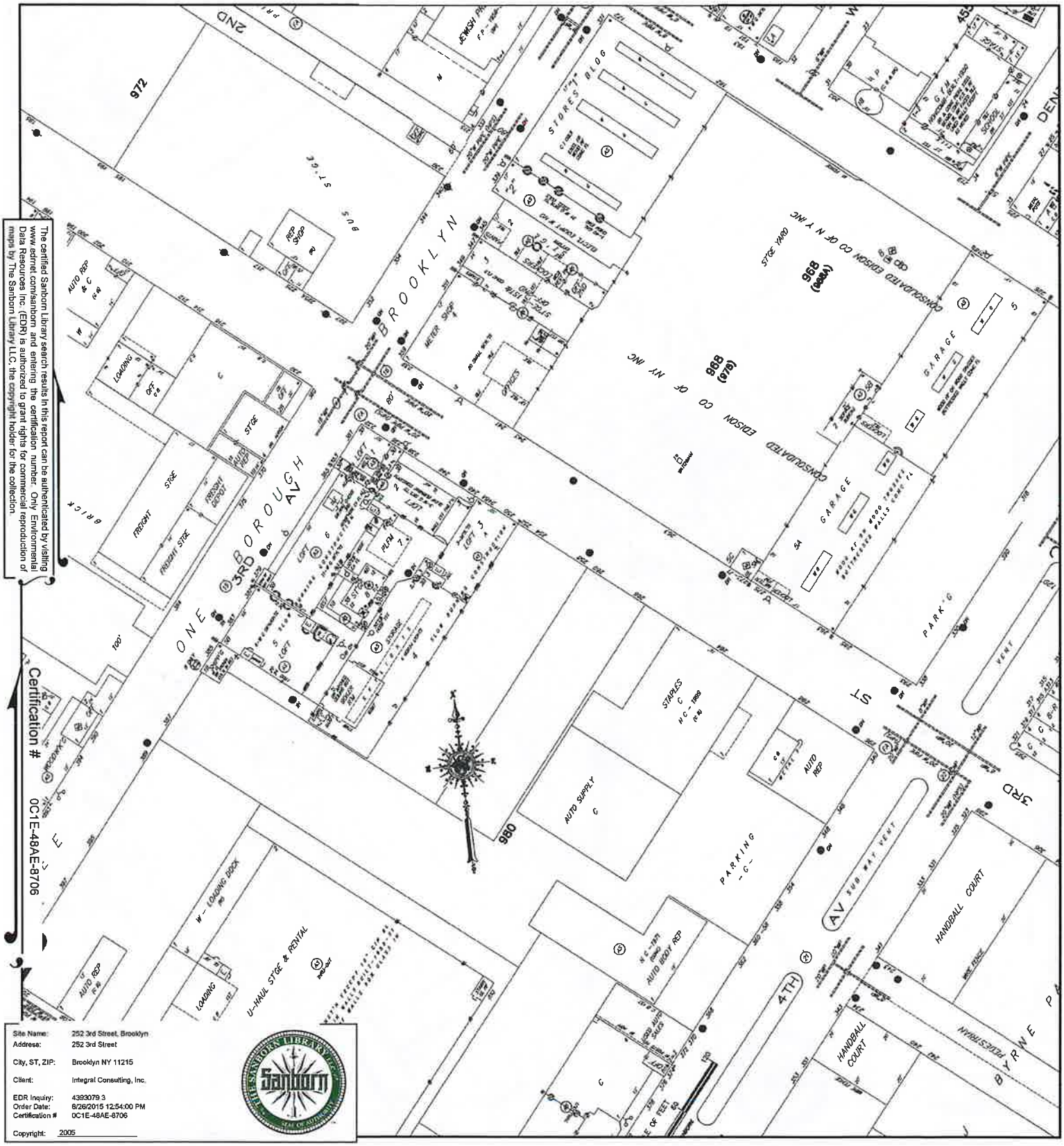


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Volume 1, Sheet 57
Volume 6, Sheet 25

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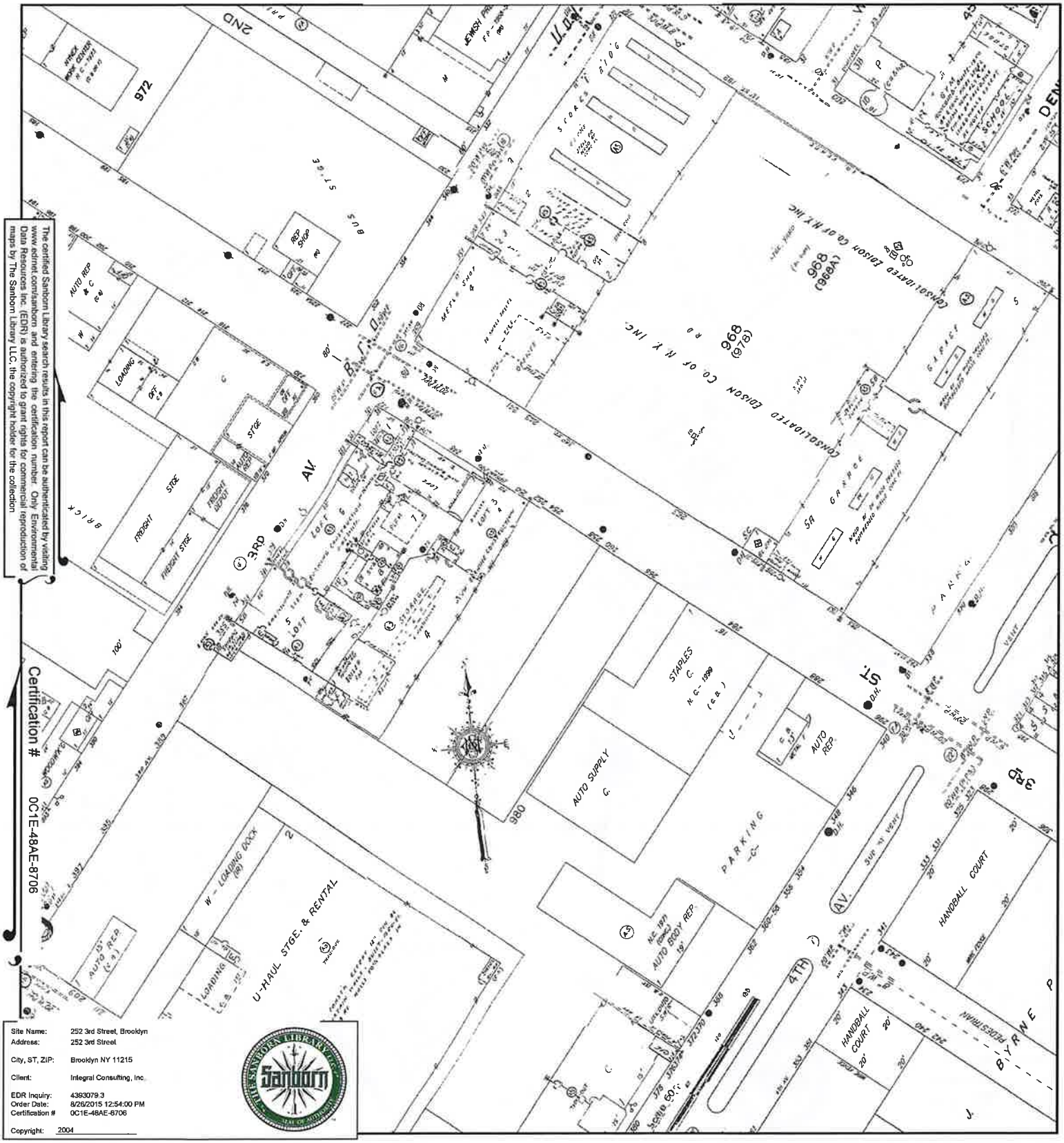


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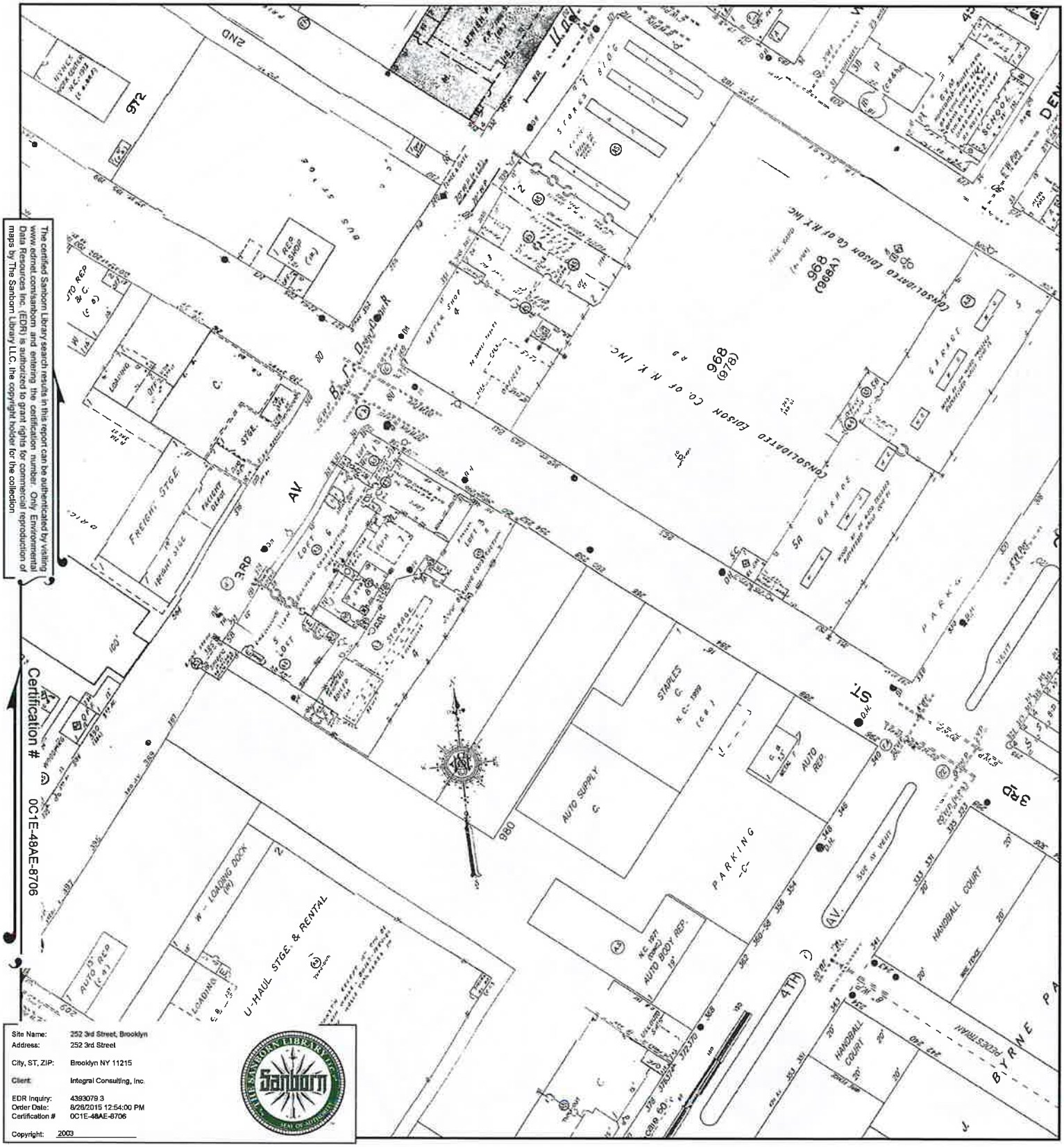


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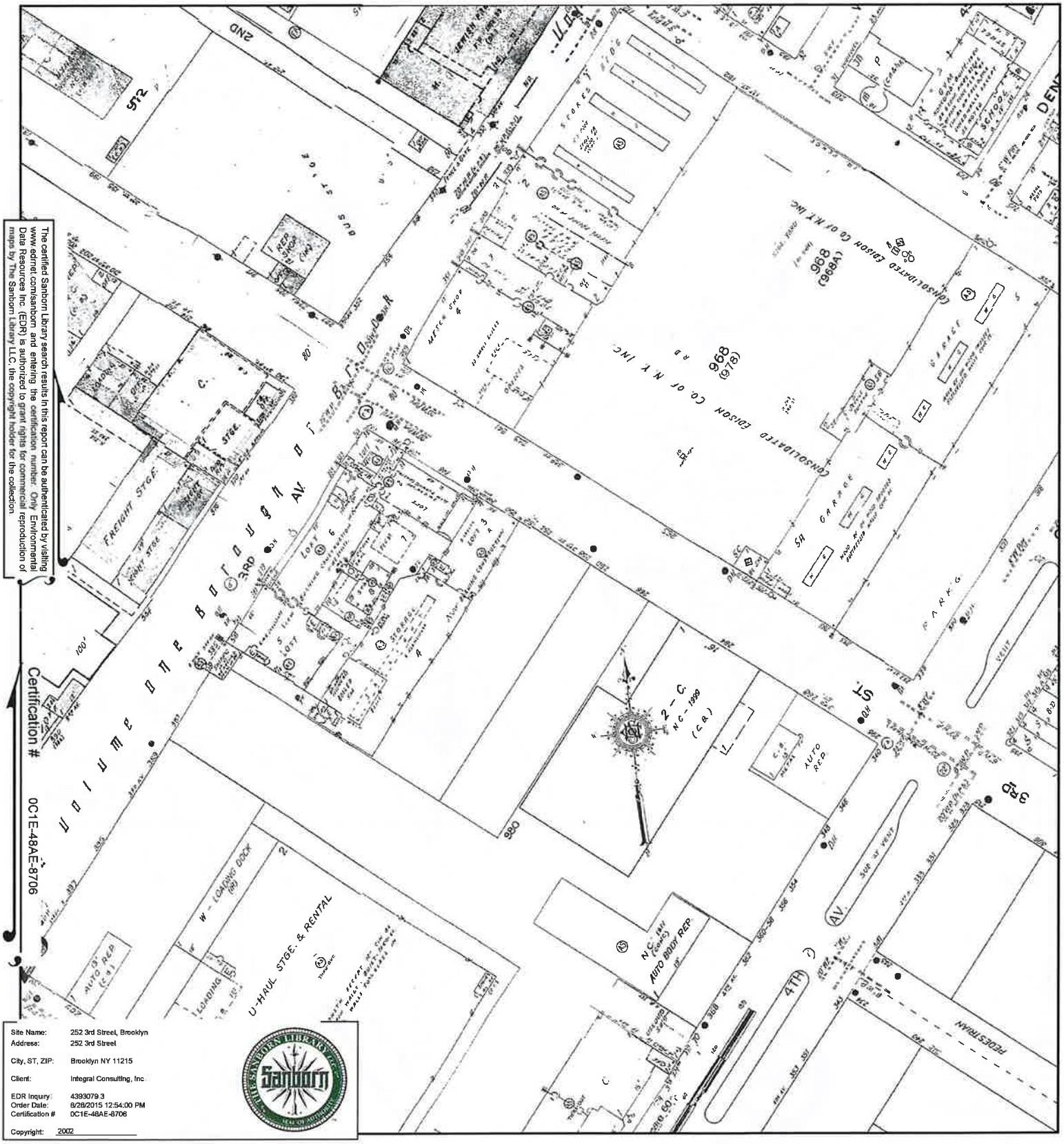


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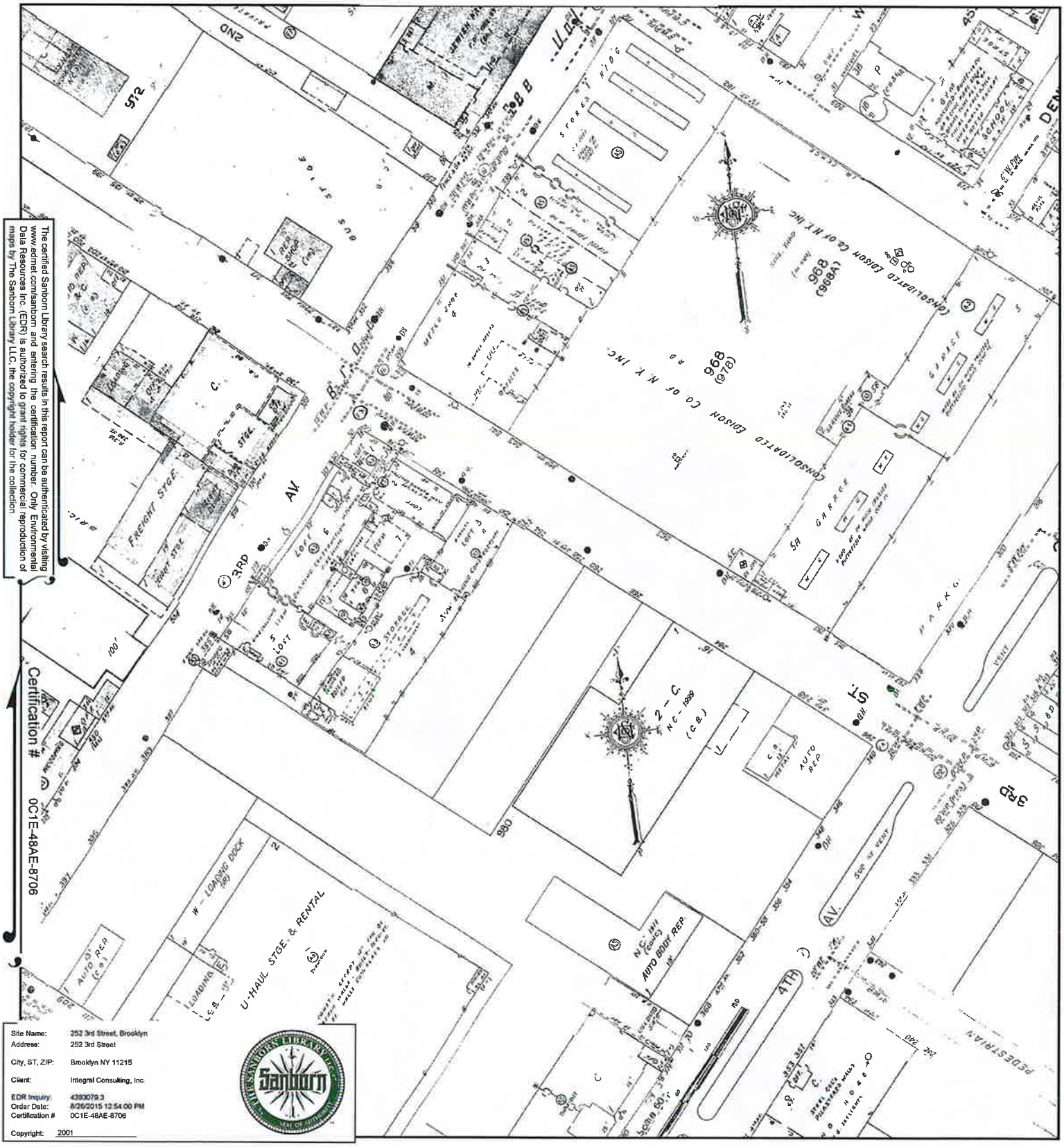


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0 Feet 150 300 600

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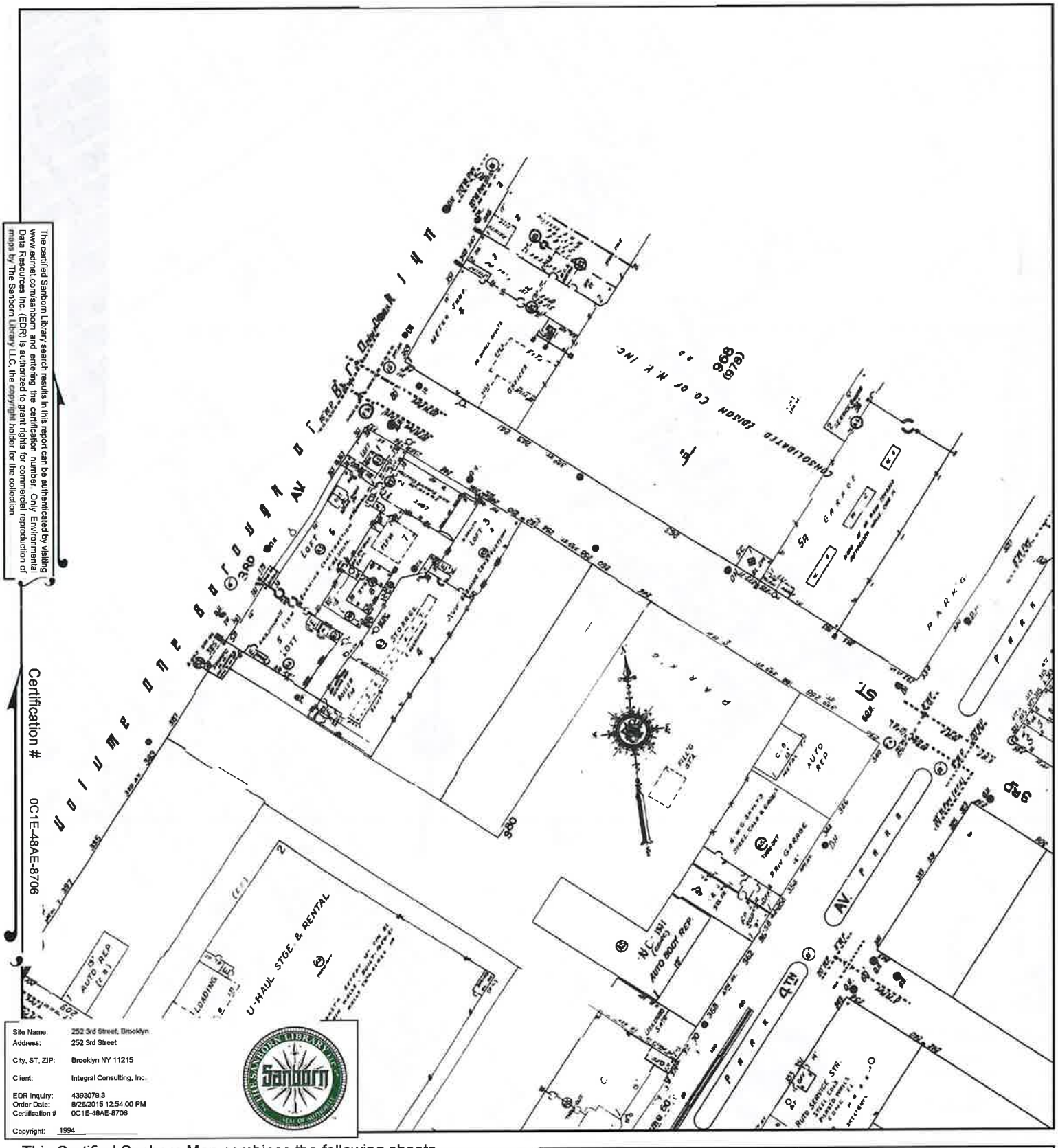


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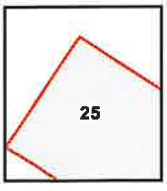
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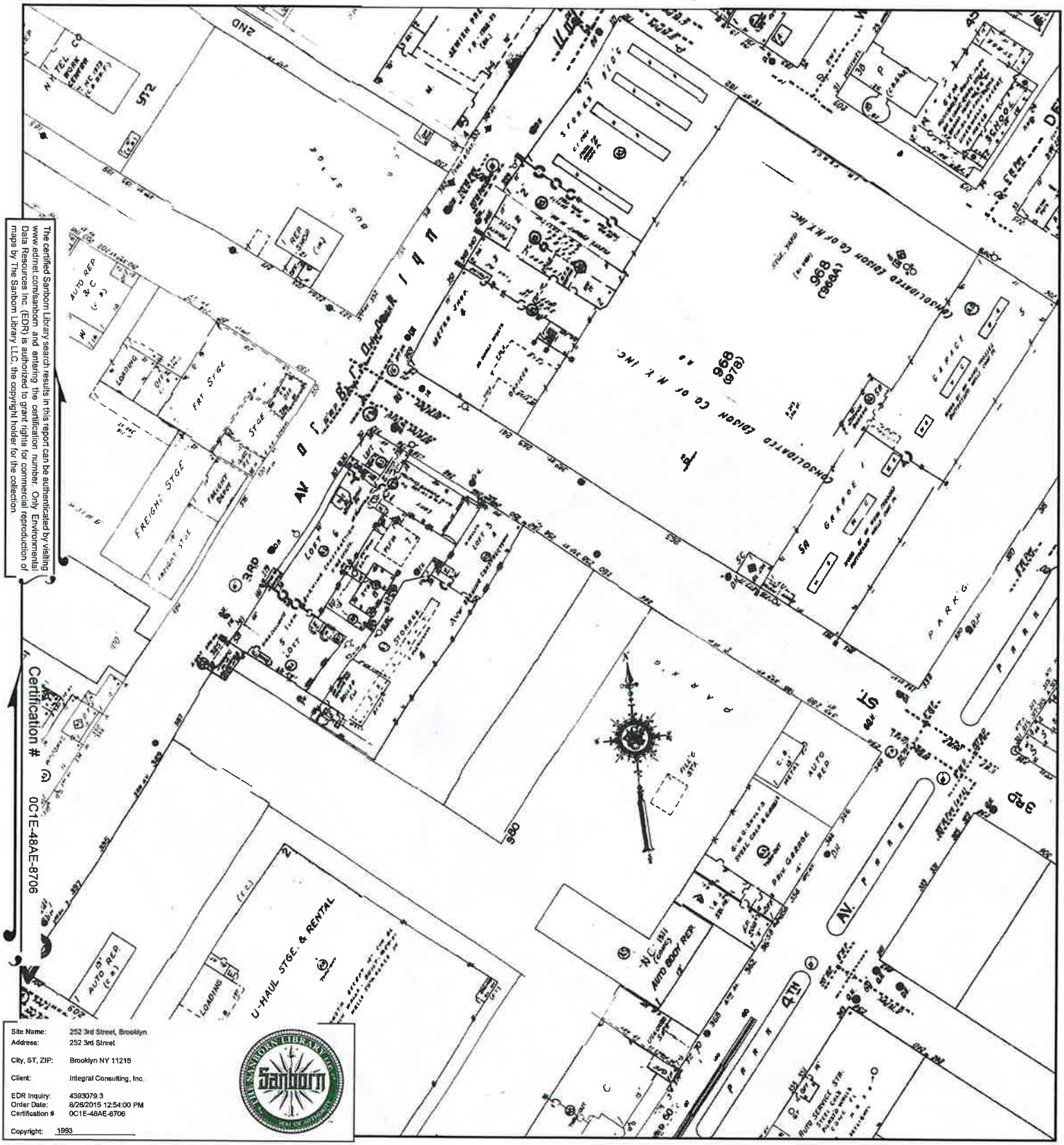




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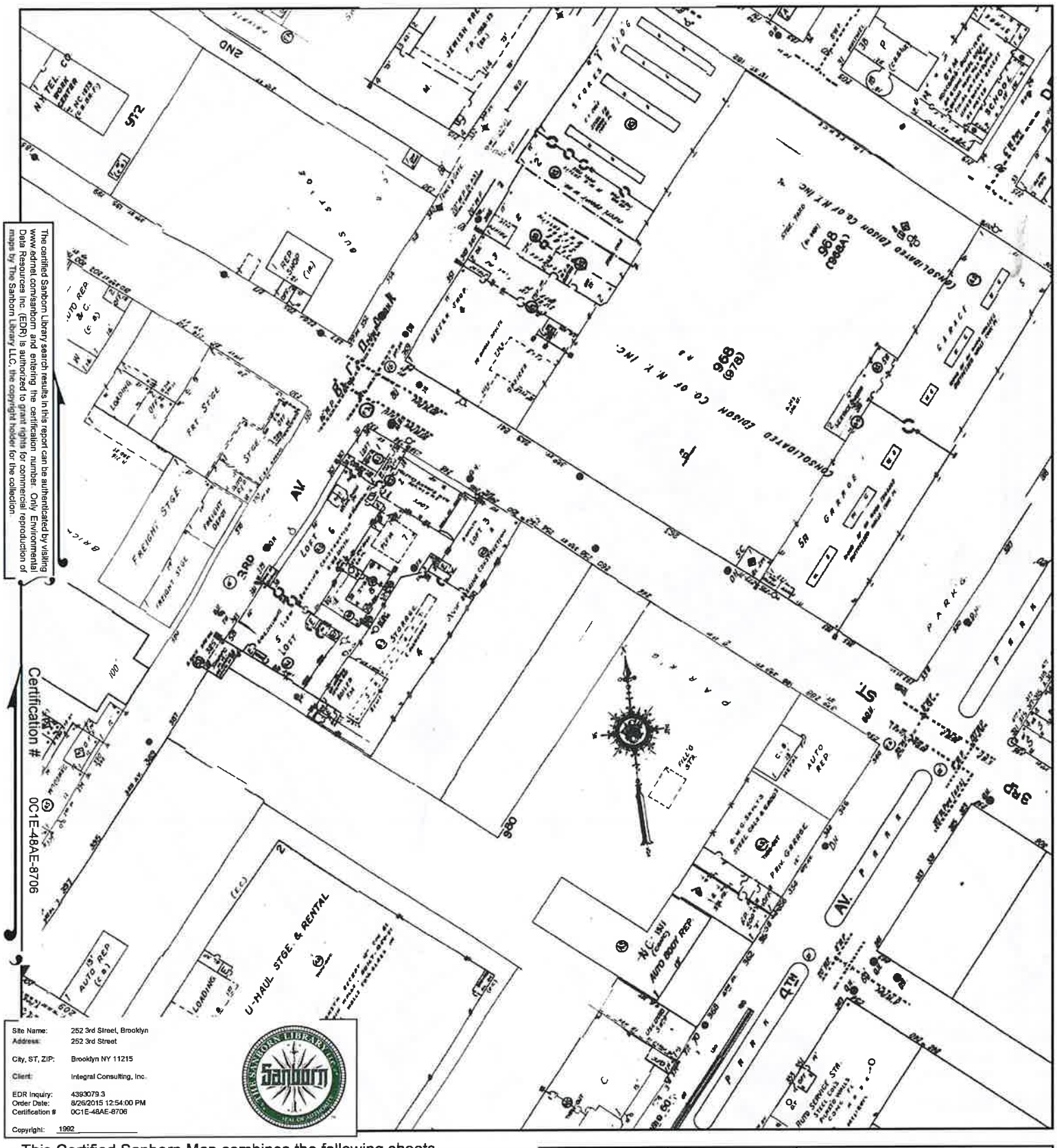


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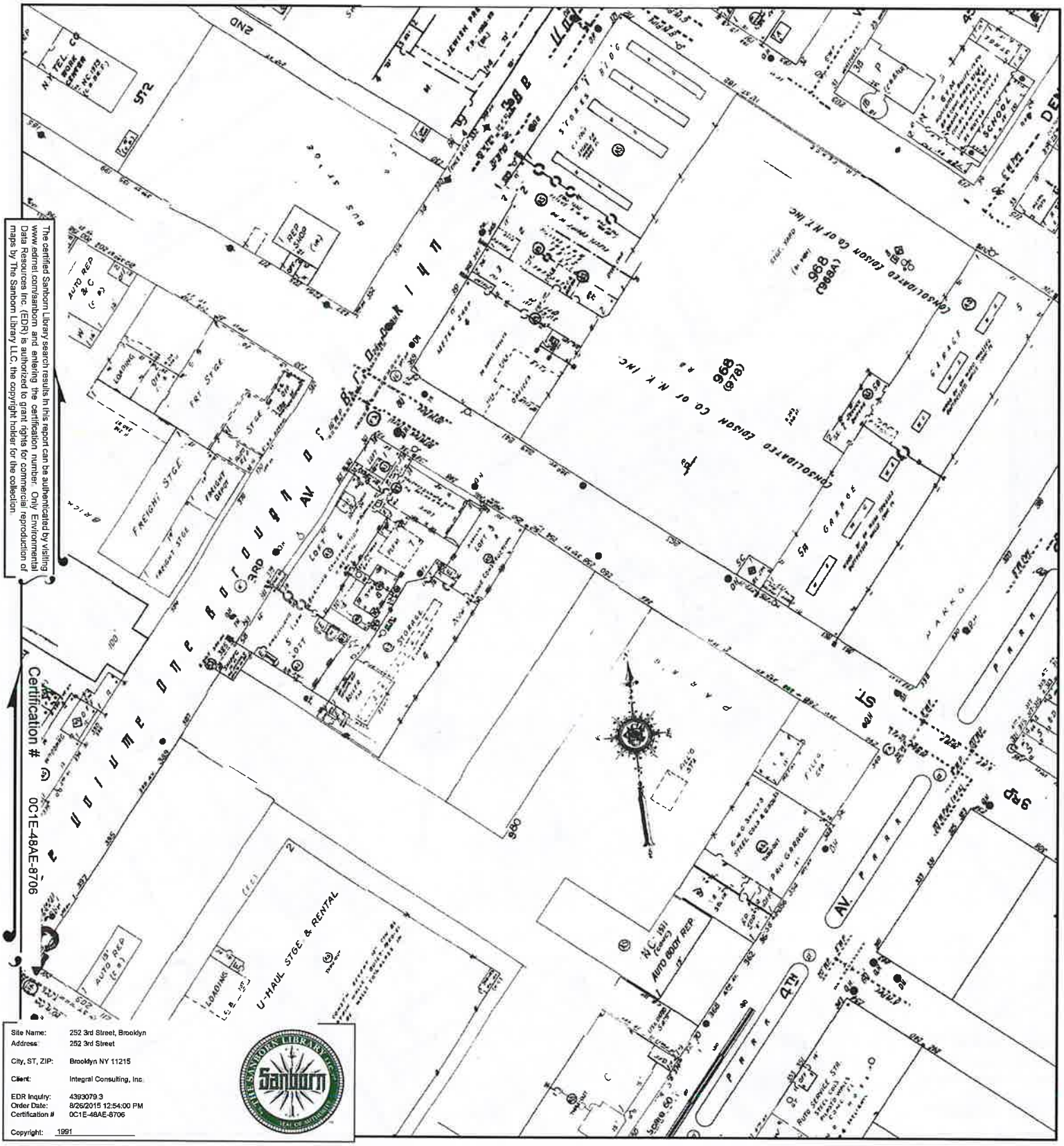


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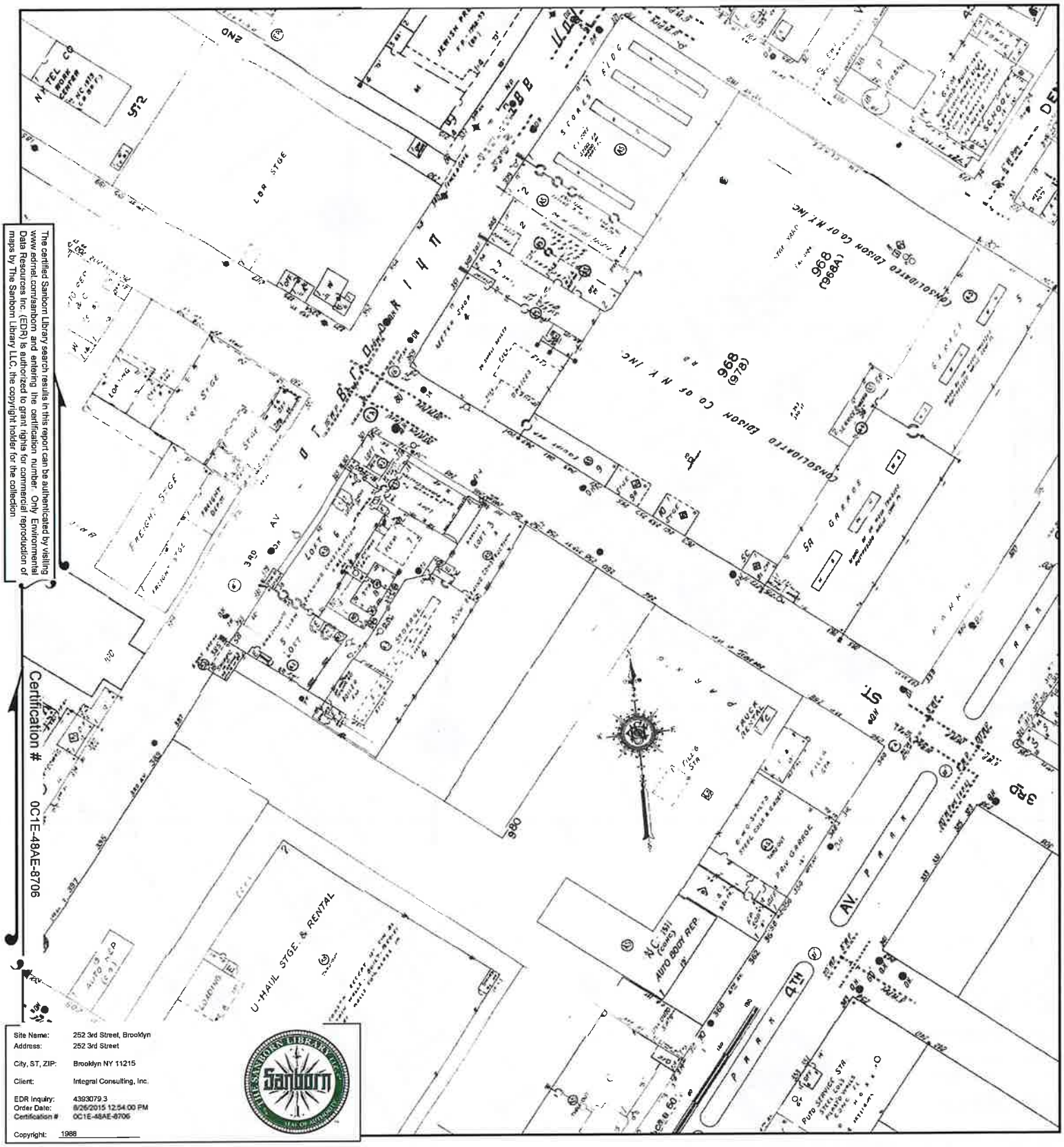


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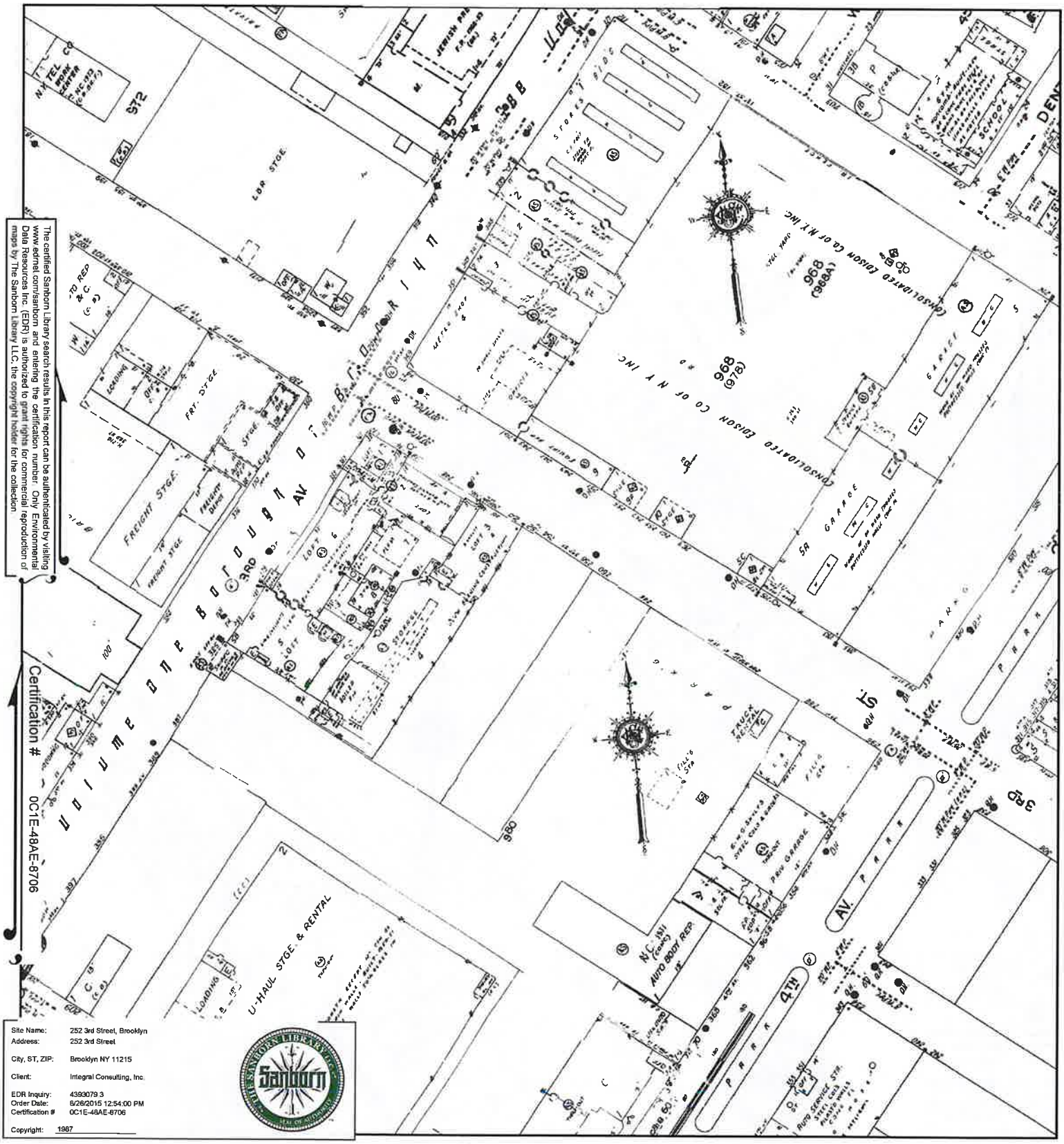


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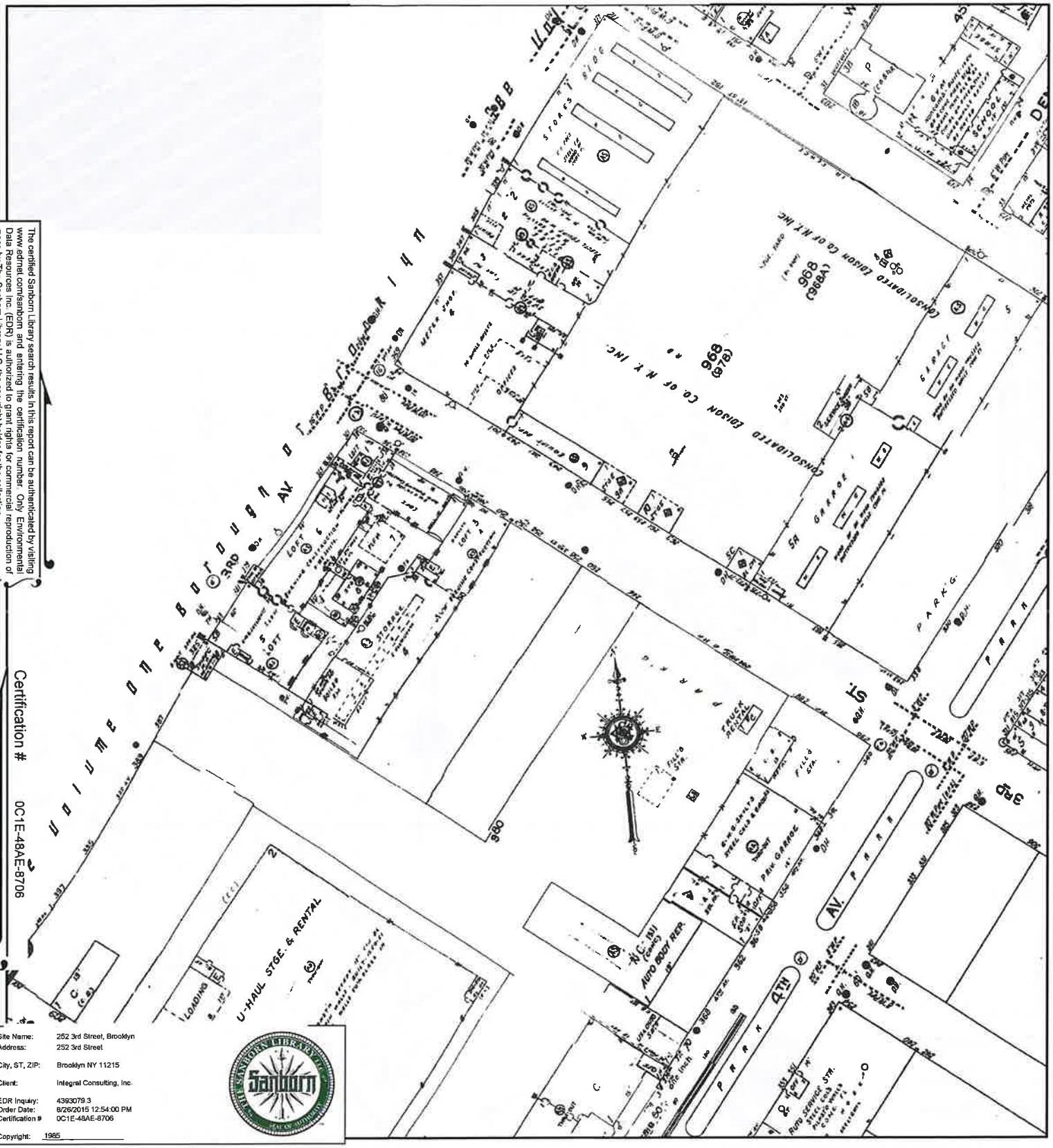


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1985 Certified Sanborn Map



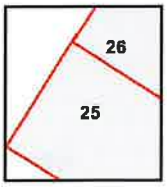
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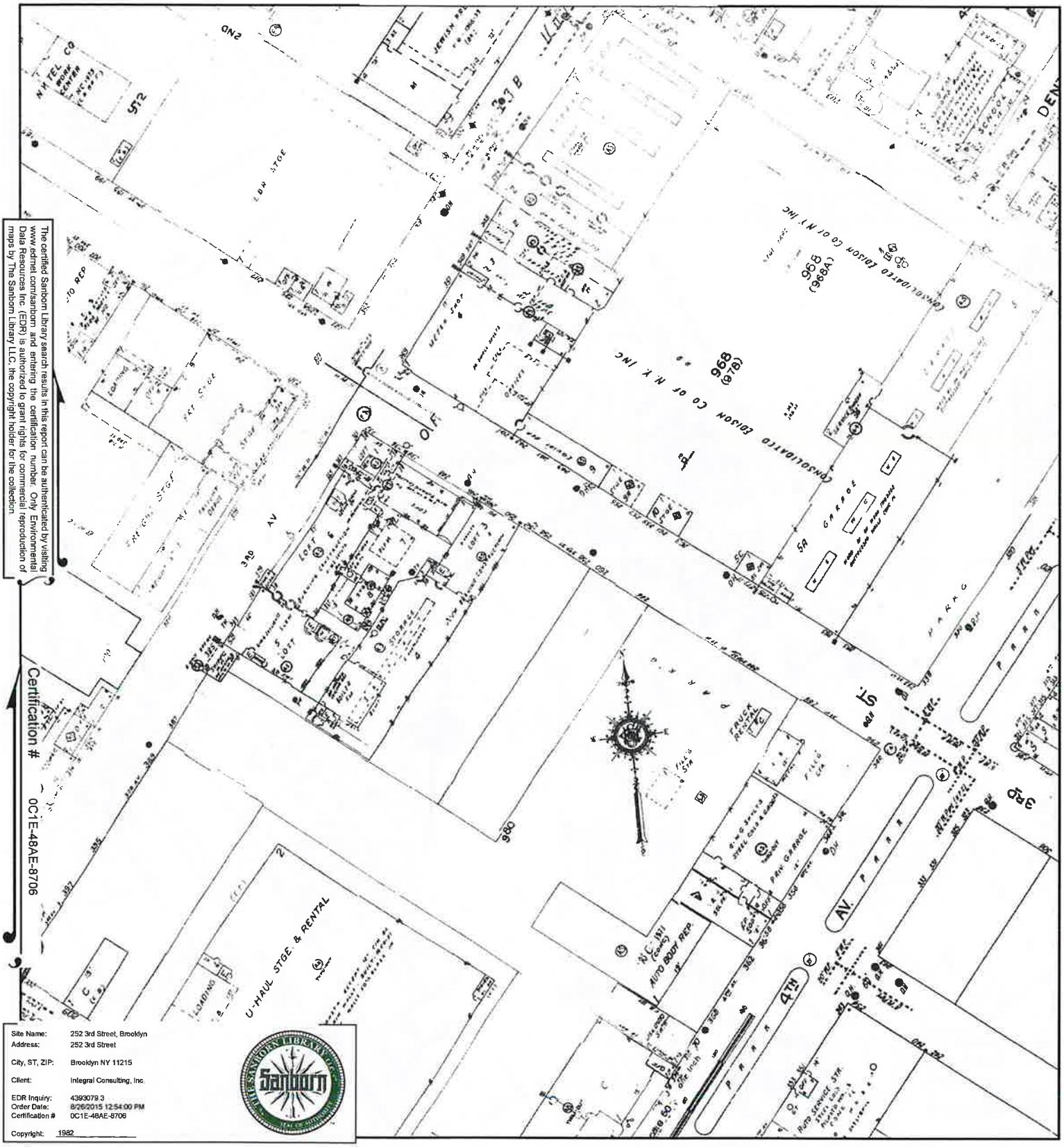


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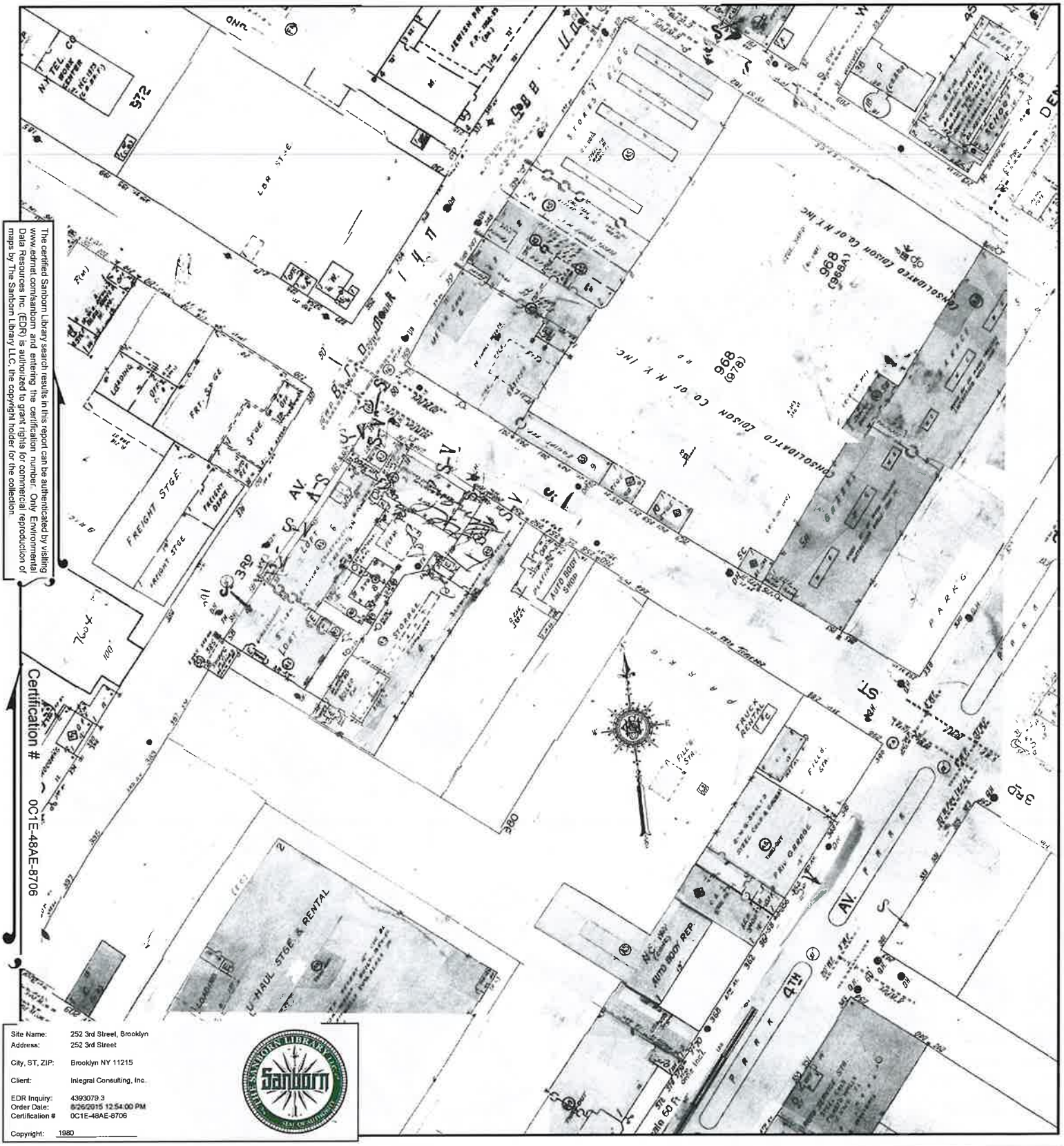


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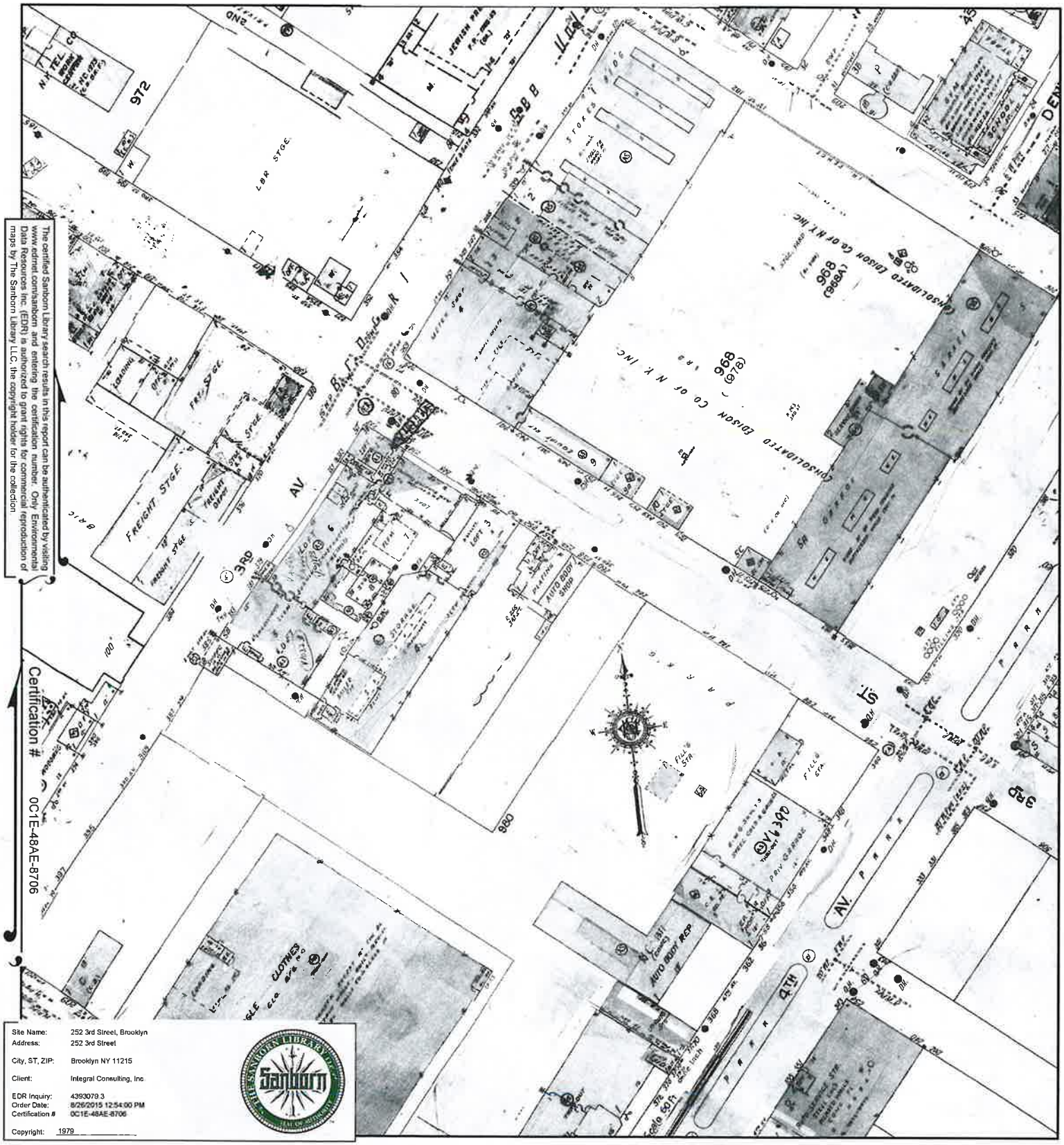


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1979 Certified Sanborn Map



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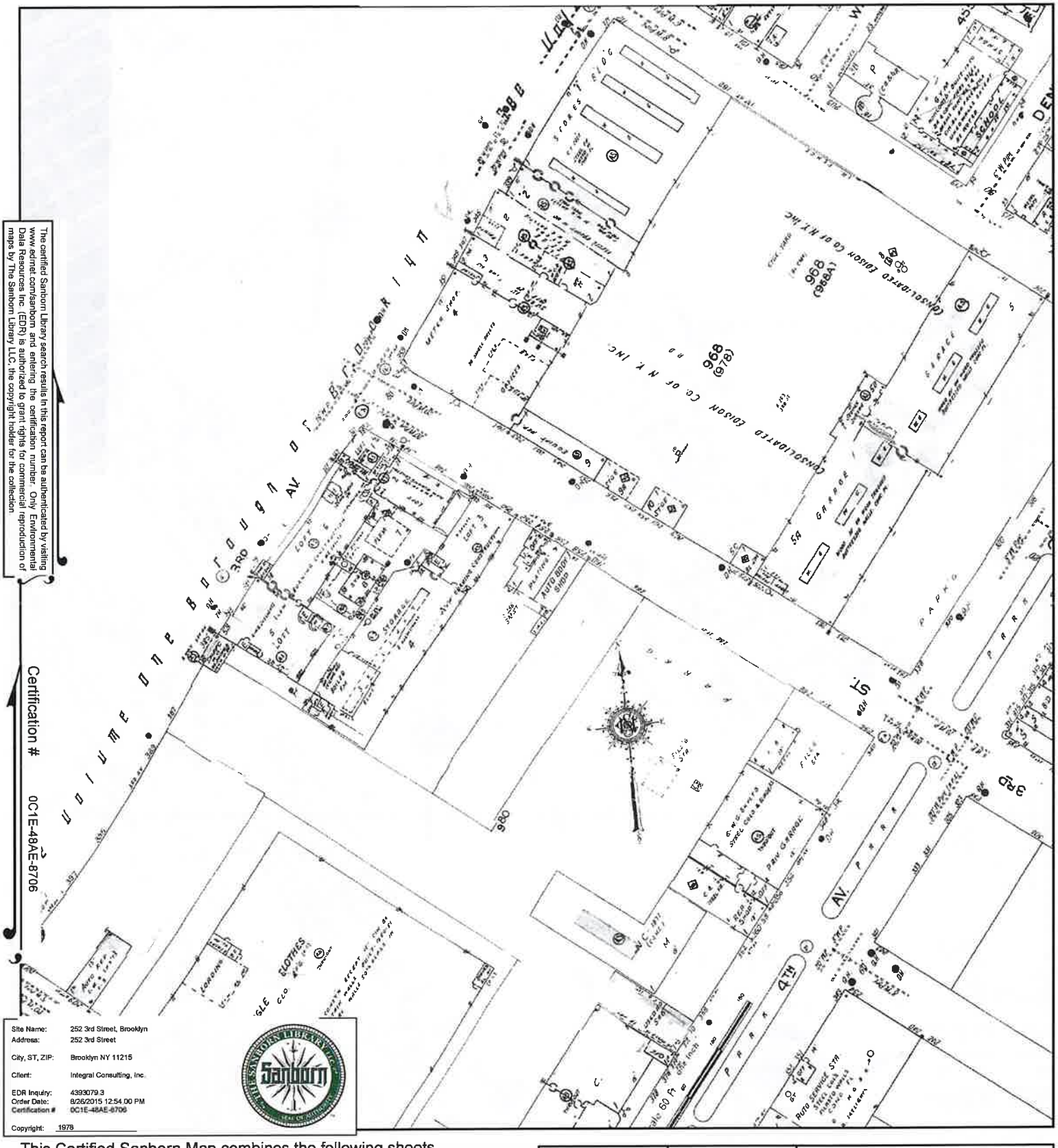


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1978 Certified Sanborn Map



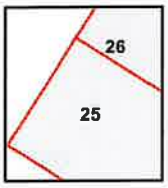
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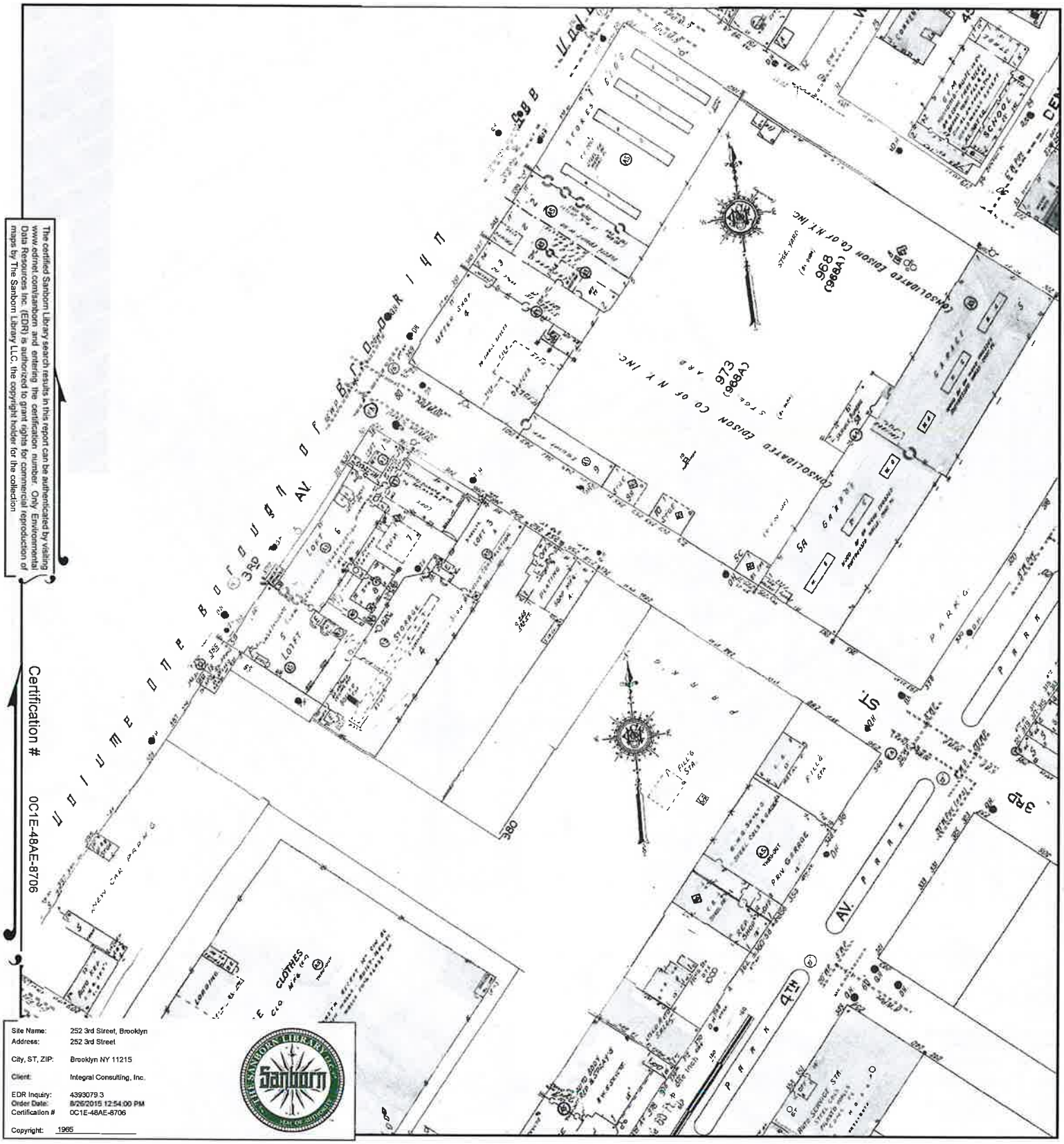


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0 Feet 150 300 600

N

1965 Certified Sanborn Map



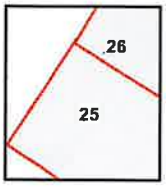
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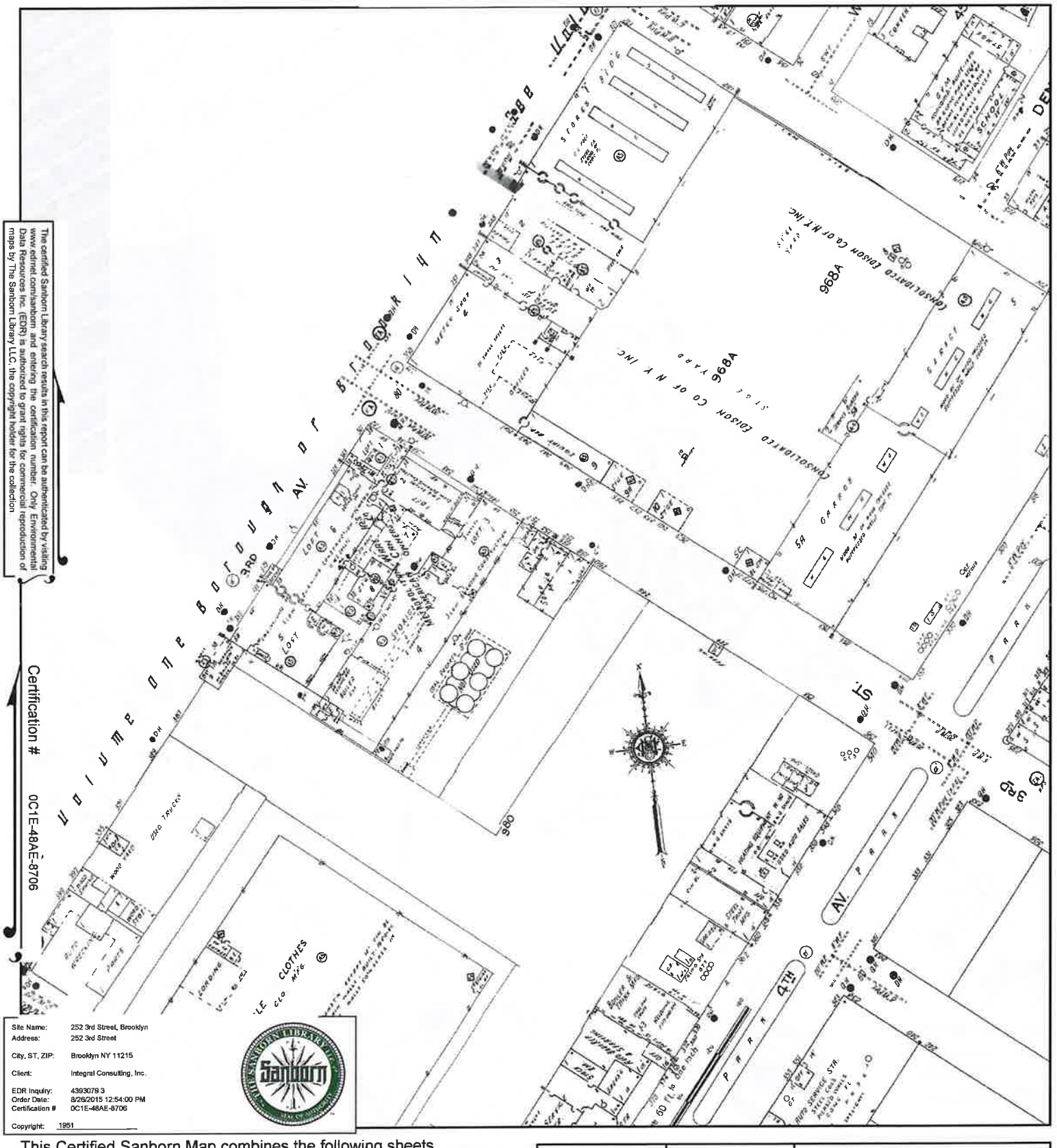


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0 Feet 150 300 600

N

1951 Certified Sanborn Map



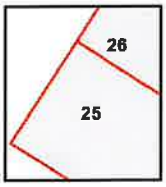
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Certification # 0C1E-48AE-8706

Site Name:	252 3rd Street, Brooklyn
Address:	252 3rd Street
City, ST, ZIP:	Brooklyn NY 11215
Client:	Integral Consulting, Inc.
EDR Inquiry:	4393079.3
Order Date:	8/26/2015 12:54:00 PM
Certification #	0C1E-48AE-8706
Copyright:	1951

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Volume 6, Sheet 25
Volume 6, Sheet 26

0 Feet 150 300 600

N

1926 Certified Sanborn Map



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Certification # 0C1E-48AE-8706

Site Name:	252 3rd Street, Brooklyn
Address:	252 3rd Street
City, ST, ZIP:	Brooklyn NY 11215
Client:	Integral Consulting, Inc.
EDR Inquiry:	4393079.3
Order Date:	8/26/2015 12:54:00 PM
Certification #	0C1E-48AE-8706
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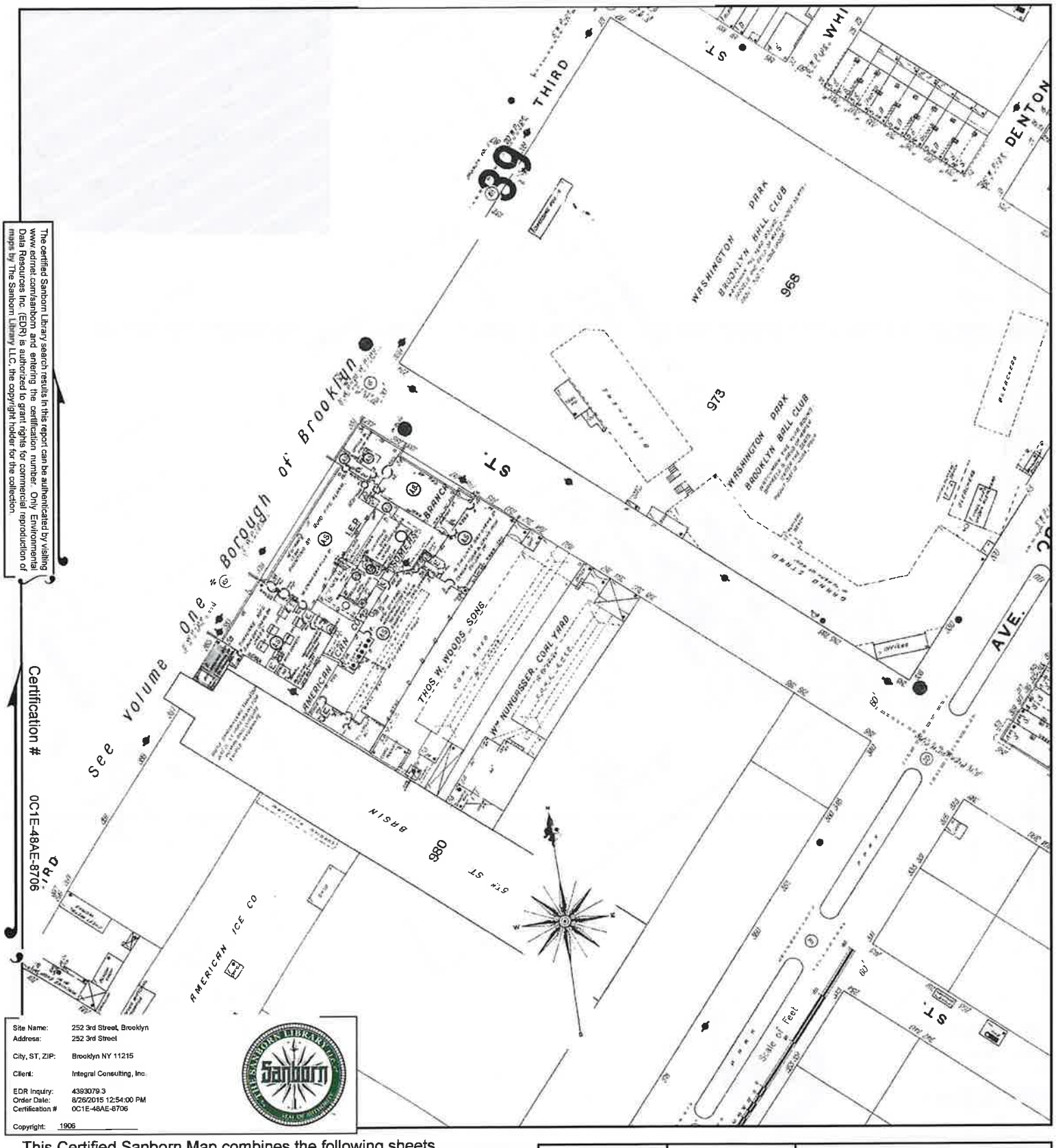


Volume 6, Sheet 25

0 Feet 150 300 600

N

1906 Certified Sanborn Map



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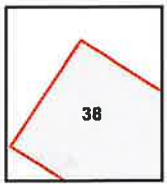
Certification # 0C1E-48AE-8706

Site Name:	252 3rd Street, Brooklyn
Address:	252 3rd Street
City, ST, ZIP:	Brooklyn NY 11215
Client:	Integral Consulting, Inc.
EDR Inquiry:	4393079.3
Order Date:	8/26/2015 12:54:00 PM
Certification #	0C1E-48AE-8706
Copyright:	1906

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

0 Feet 150 300 600

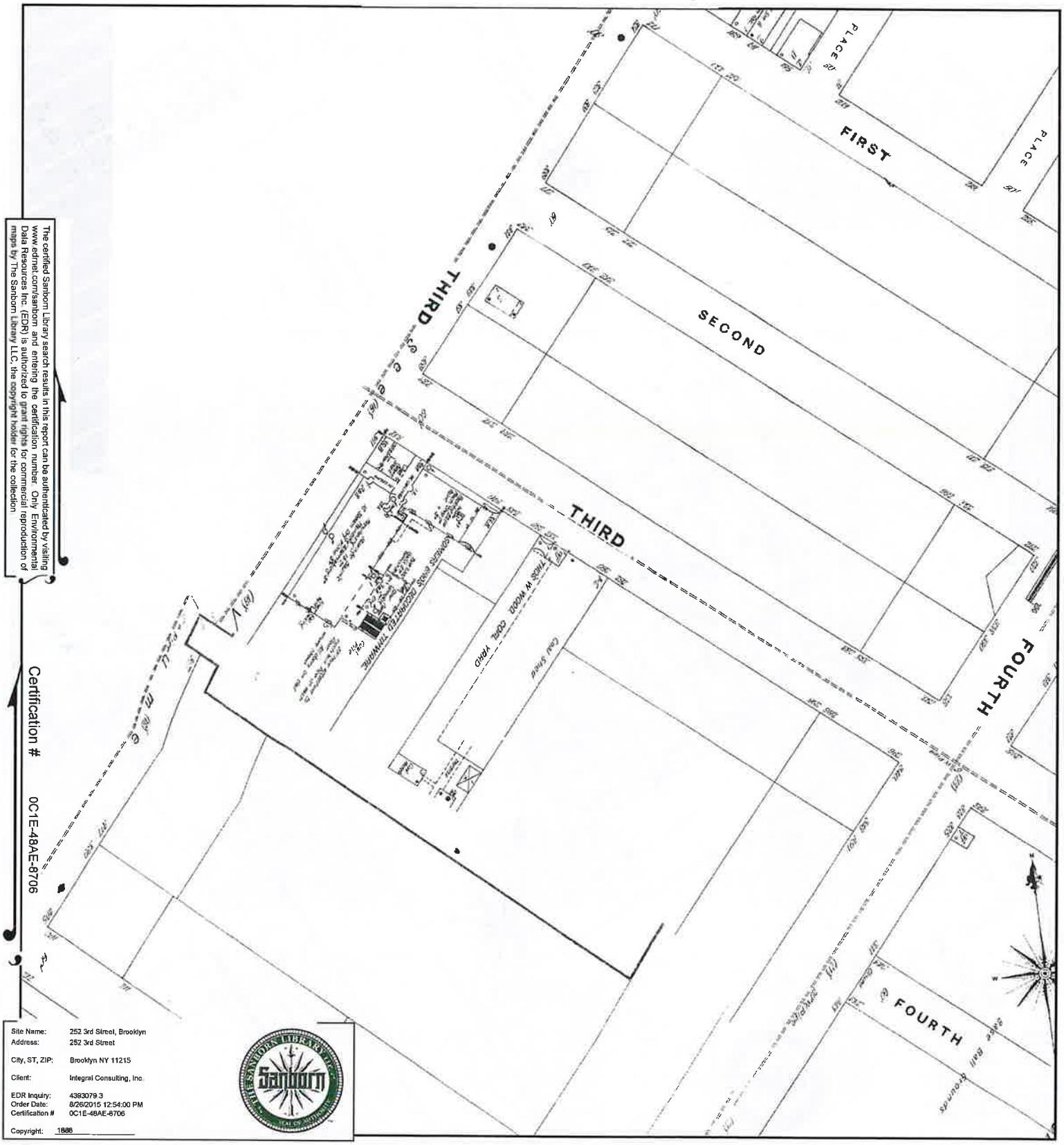




Volume 6, Sheet 38

N

1888 Certified Sanborn Map

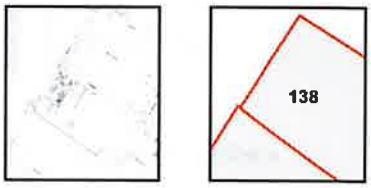


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Certification # 0C1E-48AE-8706

Site Name: 252 3rd Street, Brooklyn
Address: 252 3rd Street
City, ST, ZIP: Brooklyn NY 11215
Client: Integral Consulting, Inc.
EDR Inquiry: 4393079.3
Order Date: 8/26/2015 12:54:00 PM
Certification # 0C1E-48AE-8706
Copyright: 1888

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Volume 6, Sheet 138
Volume 6, Sheet 138

0 Feet 150 300 600

N

APPENDIX E

EDR RADIUS MAP REPORT

252 3rd Street, Brooklyn
252 3rd Street
Brooklyn, NY 11215

Inquiry Number: 4393079.2s
August 25, 2015

The EDR Radius Map™ Report with GeoCheck®

EDR® Environmental Data Resources Inc

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

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GEOCHECK ADDENDUM

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Physical Setting Source Records Searched	PSGR-1

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

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EXECUTIVE SUMMARY

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

TARGET PROPERTY INFORMATION

ADDRESS

252 3RD STREET
BROOKLYN, NY 11215

COORDINATES

Latitude (North):	40.6745000 - 40° 40' 28.20"
Longitude (West):	73.9873000 - 73° 59' 14.28"
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	585590.2
UTM Y (Meters):	4502906.0
Elevation:	19 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5940597 BROOKLYN, NY
Version Date:	2013
West Map:	6048959 JERSEY CITY, NJ
Version Date:	2014

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20100731, 20110705
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
252 3RD STREET
BROOKLYN, NY 11215

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	CON EDISON	250 3 ST	NY MANIFEST	Lower	50, 0.009, North
B2	U-HAUL MAINTENANCE &	213 6TH ST & 3RD AVE	RCRA NonGen / NLR, NY MANIFEST	Higher	217, 0.041, SSW
B3	CONSOLIDATED EDISON	213 6TH STREET	NY MANIFEST	Higher	217, 0.041, SSW
B4	V5326	213 6TH STREET	RCRA NonGen / NLR	Higher	217, 0.041, SSW
A5	BELL ATLANTIC	3RD AVE/3RD ST	NY Spills	Lower	255, 0.048, NW
A6	VERIZON LOG 31756 MA	3RD ST & 3RD AVE	RCRA NonGen / NLR	Lower	255, 0.048, NW
A7	THIRD AVENUE YARD	3RD AVE/3RD ST	NY Spills	Lower	255, 0.048, NW
A8	CONSOLIDATED EDISON	3 AVE & 3 STREET & 6	NY MANIFEST	Lower	256, 0.048, NW
C9	GOWANS CANAL	386 3RD AVE	NY Spills	Lower	263, 0.050, WSW
C10		386 3RD AVE	EDR US Hist Auto Stat	Lower	263, 0.050, WSW
A11	CON EDISON	227 3RD ST	NY MANIFEST	Lower	277, 0.052, NW
C12	PARK SLOPE U-HAUL RE	389 3RD AVENUE	NY AST	Lower	288, 0.055, WSW
A13	OUTSIDE	225 THIRD STREET	NY Spills	Lower	298, 0.056, NW
D14	3RD AVE YARD	3RD AVE YARD	NY Spills	Higher	345, 0.065, NE
E15	WHOLE FOODS SITE	210, 212, 220 3RD ST	NY ENG CONTROLS, NY INST CONTROL, NY BROWNFIELDS	Lower	399, 0.076, WNW
F16	BROOKLYN IGNITION &	370 4TH AVE	RCRA NonGen / NLR, FINDS, NY MANIFEST	Higher	400, 0.076, SSE
F17	CONSTRUCTION SITE	370 4TH AVE	NY Spills	Higher	400, 0.076, SSE
G18	2ND & 3RD AVE	2ND & 3RD AVE	NY Spills	Lower	401, 0.076, North
G19	MAN HOLE 5354	3RD AND AVE AND 2ND	NY Spills	Lower	404, 0.077, North
H20	CONSTRUCTION SITE	340 4TH AVE	NY Spills	Higher	405, 0.077, ESE
F21	PAVEMENT	354 FOURTH AVE	NY Spills	Higher	406, 0.077, SE
F22	PEP BOYS #0247	354 4TH AVENUE	NY UST, NY HIST UST	Higher	406, 0.077, SE
F23	PEP BOYS #0247	354 4TH AVE	NY CBS, NY Spills	Higher	406, 0.077, SE
F24		354 4TH AVE	EDR US Hist Auto Stat	Higher	406, 0.077, SE
F25	PEP BOYS 247	354 4TH AVE	RCRA NonGen / NLR, FINDS, NY MANIFEST	Higher	406, 0.077, SE
F26	PEP BOYS #0247	354 4TH AVENUE	NY AST	Higher	406, 0.077, SE
F27	MAACO AUTO PAINTING	358 FOURTH AVE	RCRA NonGen / NLR, NY MANIFEST	Higher	406, 0.077, SE
F28	CON EDISON - MANHOLE	358 4TH AVE	RCRA NonGen / NLR, NY MANIFEST	Higher	406, 0.077, SE
F29	MANHOLE #5437	358 4TH AVE	NY Spills	Higher	406, 0.077, SE
F30		368 4TH AVE	EDR US Hist Auto Stat	Higher	407, 0.077, SSE
H31	340 4TH AVE - BKLN	340 4TH AVE	NY Spills	Higher	409, 0.077, ESE
H32	PARKSIDE SERVICE CEN	340 4TH AVENUE	NY UST, NY HIST UST	Higher	409, 0.077, ESE
F33	SUSAN MAINTENANCE	374 4TH AVE	RCRA-SQG, FINDS, NJ MANIFEST, NJ MANIFEST	Higher	420, 0.080, SSE
F34	SUSAN MAINTENANCE CO	374 4TH AVE	NY AST	Higher	420, 0.080, SSE
B35	THREE OZ IN U/G STRU	IN FRONT OF 225 6 ST	NY Spills	Higher	432, 0.082, SSW
E36	CON EDISON VAULT SUB	213 3RD ST	RCRA NonGen / NLR, NY MANIFEST	Lower	432, 0.082, NW
B37		236 6TH ST	EDR US Hist Auto Stat	Higher	442, 0.084, SSW
E38	190-220 THIRD STREET	214 3RD ST	RCRA-LQG, NY MANIFEST	Lower	442, 0.084, NW
E39	190-220 THIRD STREET	214 3RD ST	NJ MANIFEST	Lower	442, 0.084, NW

MAPPED SITES SUMMARY

Target Property Address:
252 3RD STREET
BROOKLYN, NY 11215

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
E40	220 3RD STREET	220 3RD STREET	NY UST	Lower	444, 0.084, WNW
E41	UNOCCUPIED SITE	220 3RD STREET	NY Spills	Lower	444, 0.084, WNW
E42	216 3RD STREET	216 3RD ST	RCRA NonGen / NLR, FINDS, NY MANIFEST	Lower	444, 0.084, WNW
B43	NYC DEP	240 6TH ST	RCRA NonGen / NLR, NY MANIFEST	Higher	445, 0.084, SSW
B44	CRAB COMPARTMENT OPP	240 6 STREET	NY Spills	Higher	449, 0.085, SSW
B45	100-2819 6TH ST	100-2819 6TH ST	NY Spills	Higher	449, 0.085, SSW
D46	FLUSHPIT 3RD AVE YAR	222 FIRST STREET	NY Spills	Lower	458, 0.087, NNE
D47	THIRD AV YARD	222 FIRST STREET	NY Spills	Lower	458, 0.087, NNE
D48	222 1ST STREET	CON EDSION	NY Spills	Higher	462, 0.087, ENE
D49	SIX GAL HYDRAULIC FL	222 FIRST STREET & 3	NY Spills	Higher	462, 0.087, ENE
D50	VEHICLE 60677	THIRD AVE YARD	NY Spills	Higher	462, 0.087, ENE
D51	OIL LEAK FROM VEHICL	222 FIRST ST AT 3 AV	NY Spills	Higher	462, 0.087, ENE
D52	3 QT ANTI-FREEZE FRO	222 FIRST ST. CON ED	NY Spills	Higher	462, 0.087, ENE
D53	HYDRAULIC OIL	3 AVE YARD NEW CONST	NY Spills	Higher	462, 0.087, ENE
I54	U-HAUL PARKSLOPE RER	403 3RD AVE CORNER O	RCRA-SQG, NY MANIFEST	Lower	462, 0.087, SW
F55	LOT 7501,TAXBLOCK 98	343 4 AVENUE	NY E DESIGNATION	Higher	466, 0.088, SE
E56	CON EDISON SERVICE B	210 3RD ST	RCRA NonGen / NLR, NY MANIFEST	Lower	484, 0.092, NW
J57	VAULT 5326	238 6TH ST AND 3RD A	NY Spills	Higher	488, 0.092, SSW
F58	343 4TH AVENUE	343 4TH AVENUE	NY UST	Higher	488, 0.092, SSE
F59	SPILL NUMBER 0206010	343 4TH AVE	NY Spills	Higher	488, 0.092, SSE
F60	BRIDGE FORD	343 4TH AVE	RCRA NonGen / NLR, FINDS	Higher	488, 0.092, SSE
I61		405 3RD AVE	EDR US Hist Auto Stat	Lower	491, 0.093, SW
F62	BP SS # 13397	363 FOURTH AVENUE	NY UST, NY HIST UST	Higher	498, 0.094, SSE
F63	KAM SERVICE CENTER I	363 4TH AVE	RCRA NonGen / NLR, FINDS	Higher	498, 0.094, SSE
F64		363 4TH AVE	EDR US Hist Auto Stat	Higher	498, 0.094, SSE
F65	LOT 1,TAXBLOCK 987	363 4 AVENUE	NY E DESIGNATION	Higher	498, 0.094, SSE
I66	6TH ST BETW 2ND & 3R	6TH ST BETW 2ND & 3R	NY Spills	Lower	502, 0.095, SW
I67	VAULT 5131	6TH ST/3RD AVE	NY Spills	Lower	505, 0.096, SW
I68	CON EDISON	3RD AVE & 6TH ST	RCRA-CESQG, NY MANIFEST	Lower	505, 0.096, SW
I69	TWO OUNCES OIL IN MA	6 STREET & 3 AVENUE	NY Spills	Lower	505, 0.096, SW
I70	CONSOLIDATED EDISON	3RD AVE & 6TH STREET	NY MANIFEST	Lower	505, 0.096, SW
I71	BELL ATLANTIC-NY	6ST AND 3 AVE (MANHO	NY MANIFEST	Lower	505, 0.096, SW
I72	CON EDISON - MANHOLE	6TH STREET & 3RD AVE	RCRA-LQG, NJ MANIFEST, NJ MANIFEST	Lower	505, 0.096, SW
I73	DRUM RUN	3RD AVE & 6TH ST	NY Spills	Lower	505, 0.096, SW
I74	MH # 5357 HAS 1 QT O	3 AVENUE & 6 STREET	NY Spills	Lower	505, 0.096, SW
I75	VAULT 5326	6TH ST/3RD AVE	NY Spills	Lower	505, 0.096, SW
I76		407 3RD AVE	EDR US Hist Auto Stat	Lower	509, 0.096, SW
F77	COMMERCIAL BUSINESS	362 FOURTH AVE	NY Spills	Higher	522, 0.099, SE
H78	315 4TH AVE	315 4TH AVENUE	NY Spills	Higher	524, 0.099, ESE

MAPPED SITES SUMMARY

Target Property Address:
252 3RD STREET
BROOKLYN, NY 11215

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
J79	JNB PRINTING & LITHO	244 26TH ST	RCRA NonGen / NLR, FINDS, NY MANIFEST	Higher	526, 0.100, SSW
I80	S. MILLER INC.	200 SIXTH STREET	NY AST	Lower	539, 0.102, WSW
G81	180 1ST ST/FT WASHIN	180 1ST ST/FT WASHIN	NY Spills	Lower	548, 0.104, NNE
D82	R C C OF OUR LADY OF	201 1ST AVENUE	NY AST	Lower	561, 0.106, NE
H83	LOT 73,TAXBLOCK 974	303 3 STREET	NY E DESIGNATION	Higher	567, 0.107, ESE
K84	U-HAUL CORP	259 6TH ST - PARK SL	RCRA NonGen / NLR, FINDS, NY MANIFEST	Higher	568, 0.108, South
K85	U-HAUL	259 6TH ST	NY LTANKS	Higher	568, 0.108, South
K86	U-HAUL CO OF METRO N	259 6TH STREET	NY UST	Higher	568, 0.108, South
I87	186 6TH ST. APT BLDG	186 6TH ST	NY Spills	Lower	568, 0.108, WSW
I88	WALTER UMLA LBR DIV	180 6TH STREET	NY UST	Lower	582, 0.110, WSW
L89	220 1ST STREET	220 1ST STREET	NY Spills	Higher	589, 0.112, NE
D90	3RD AVE YARD	221 1ST ST	NY Spills	Higher	590, 0.112, NE
I91	SIXTH STREET IRON AN	163 6TH STREET	NY SWRCY, NY SPDES	Lower	592, 0.112, WSW
L92	3RD AVE FLUSH TRUCK	222 FIRST STREET	NY SWF/LF	Higher	598, 0.113, ENE
L93	3RD AV YARD	222 FIRST STREET	NY Spills	Higher	598, 0.113, ENE
L94	CON ED WORK / 3RD AV	222 1ST ST	NY Spills	Higher	598, 0.113, ENE
L95	CON EDISON	222 FIRST ST	NY MANIFEST	Higher	598, 0.113, ENE
L96	CON-ED THIRD AVE YAR	222 FIRST ST	NY Spills	Higher	598, 0.113, ENE
L97	CON EDISON	MANHATTAN AVE & COMM	NY MANIFEST	Higher	598, 0.113, ENE
L98	3RD AVE YARD CON ED	222 FIRST STREET	NY Spills	Higher	598, 0.113, ENE
L99	TK60446	3RD. AVE YARD	RCRA NonGen / NLR, NY MANIFEST	Higher	598, 0.113, ENE
L100	LEAK FROM VEHICLE IN	222 FIRST STREET	NY Spills	Higher	598, 0.113, ENE
L101	FLUSH PIT	222 FIRST STREET	NY Spills	Higher	598, 0.113, ENE
L102	VEHICLE 60722 LOST H	222 FIRST STREET	NY Spills	Higher	598, 0.113, ENE
L103	CON ED YARD	222 FIRST ST	NY Spills	Higher	598, 0.113, ENE
L104	THIRD AVE YARD	222 FIRST STREET	NY LTANKS, NY Spills	Higher	598, 0.113, ENE
L105	CON ED FACILITY	222 FIRST STREET	NY Spills	Higher	598, 0.113, ENE
L106	3RD AVE YARD	222 FIRST ST	NY Spills	Higher	598, 0.113, ENE
L107	3RD AVENUE YARD	222 FIRST STREET	NY Spills	Higher	598, 0.113, ENE
L108	CON ED 3RD AV YARD	222 FIRST STREET	NY Spills	Higher	598, 0.113, ENE
L109	CON EDISON	222 FIRST ST	NY MANIFEST	Higher	598, 0.113, ENE
L110	3RD AVE SERVICE YARD	222 FIRST STREET	NY Spills	Higher	598, 0.113, ENE
L111	CON EDISON	222 FIRST STREET	NY Spills	Higher	598, 0.113, ENE
L112	CON EDISON - 3RD AVE	222 FIRST STREET	RCRA-LQG, NJ MANIFEST, NJ MANIFEST	Higher	598, 0.113, ENE
L113	TM439	222 1ST STREET	RCRA NonGen / NLR, NY MANIFEST	Higher	598, 0.113, ENE
L114	CONSOLIDATED EDISON	222 FIRST ST	NY MANIFEST	Higher	598, 0.113, ENE
L115	THIRD AVENUE YARD	222 FIRST STREET	NY HIST UST, NY HIST AST, NY Spills	Higher	598, 0.113, ENE
L116	CONSOLIDATED EDISON	222 1ST ST	NY Spills, NY MANIFEST	Higher	598, 0.113, ENE
L117	3 RD AVE YARD	222 1RST ST	NY Spills	Higher	598, 0.113, ENE

MAPPED SITES SUMMARY

Target Property Address:
252 3RD STREET
BROOKLYN, NY 11215

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
L118	FIVE GALLONS OF OIL	222 1 STREET	NY Spills	Higher	598, 0.113, ENE
L119	CON ED	222 FIRST ST	NY Spills	Higher	598, 0.113, ENE
L120	CON EDISON GARAGE	222 FIRST STREET	NY Spills	Higher	598, 0.113, ENE
L121	CON EDISON	222 1ST ST	NY MANIFEST	Higher	598, 0.113, ENE
L122	CON ED STATION	222 FIRST STREET	NY Spills	Higher	598, 0.113, ENE
L123	3 AVE YARD	222 FIRST STREET	NY Spills	Higher	598, 0.113, ENE
L124	SERVICE BOX 3RD AVE	222 FIRST STREET	NY Spills	Higher	598, 0.113, ENE
L125	YARD	222 FIRST STREET	NY Spills	Higher	598, 0.113, ENE
L126	3RD AV YARD INFO STO	M 222 1ST ST	NY Spills	Higher	598, 0.113, ENE
M127	LOT 7504,TAXBLOCK 97	302 2 STREET	NY E DESIGNATION	Higher	600, 0.114, East
L128	COOLANT RELEASE FROM	222 1 STREET (THIRD	NY Spills	Higher	602, 0.114, NE
E129	CON EDISON SERVICE B	198 3RD ST	RCRA NonGen / NLR, NY MANIFEST	Lower	609, 0.115, NW
I130	MANHOLE 5392	168 6TH ST	NY Spills	Lower	609, 0.115, WSW
G131	3RD AVE SERVICE CENT	3RD AVE & 1ST ST	NY Spills	Lower	613, 0.116, North
G132	CONSOLIDATED EDISON	3RD AVE & 1ST STREET	NY MANIFEST	Lower	613, 0.116, North
G133	THIRD AVENUE YARD	THIRD AVENUE & FIRST	NY Spills	Lower	613, 0.116, North
G134	MANHOLE # 65435	3RD AVE/1ST STREET	NY Spills	Lower	613, 0.116, North
G135	CON EDISON	319 3 AVE	NY MANIFEST	Lower	621, 0.118, North
N136	222 1ST ST	3RD AVE YARD	NY Spills	Lower	622, 0.118, North
N137	3RD AVE YARD	3RD AVE YARD	NY Spills	Lower	622, 0.118, North
M138	LOT 7502,TAXBLOCK 97	306 2 STREET	NY E DESIGNATION	Higher	637, 0.121, East
I139	CON EDISON	141 6TH ST	NY MANIFEST	Lower	649, 0.123, WSW
I140	CON EDISON MANHOLE:	141 6TH ST	RCRA NonGen / NLR	Lower	649, 0.123, WSW
I141	U.S. RECYCLING; INC.	141 6TH STREET	NY SWRCY, NY Spills	Lower	649, 0.123, WSW
I142	GIUSEPPE & SONS INC	414 3RD AVE	RCRA NonGen / NLR, FINDS, NY MANIFEST	Lower	650, 0.123, SW
K143	CON EDISON MANHOLE:	267 6TH ST	RCRA NonGen / NLR, NY MANIFEST	Higher	681, 0.129, South
I144	SAMBA TRANSMISSION A	424 3RD AVE	NY AST	Lower	682, 0.129, SW
I145		424 3RD AVE	EDR US Hist Auto Stat	Lower	682, 0.129, SW
J146		239 7TH ST	EDR US Hist Auto Stat	Higher	695, 0.132, SSW
K147	FERRANTINO & CO.INC.	389 FOURTH AVENUE	NY HIST UST	Higher	702, 0.133, South
L148		296 4TH AVE	EDR US Hist Auto Stat	Higher	719, 0.136, ENE
L149	MAACO AUTO PAINTING	296 4TH AVE & 1ST ST	RCRA NonGen / NLR, FINDS, NY MANIFEST	Higher	719, 0.136, ENE
O150		428 3RD AVE	EDR US Hist Auto Stat	Lower	732, 0.139, SW
N151	CLARIN TRUCK LEASING	312 3RD AVE	NY UST	Lower	735, 0.139, North
K152	383-394 4TH AVE.	383-393 4TH AVE 278	NY UST, NY AST	Higher	737, 0.140, South
K153	FERRANTINO & CO	278 6TH ST	NY LTANKS	Higher	737, 0.140, South
K154		393 4TH AVE	EDR US Hist Auto Stat	Higher	738, 0.140, South
N155	FINEST AUTO & RECOVE	310 3RD AVE	RCRA NonGen / NLR, FINDS	Lower	743, 0.141, NNE
O156		430 3RD AVE	EDR US Hist Auto Stat	Lower	746, 0.141, SW

MAPPED SITES SUMMARY

Target Property Address:
252 3RD STREET
BROOKLYN, NY 11215

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
P157	CON EDISON - MANHOLE	105 6 TH ST	RCRA-LQG, NY MANIFEST	Lower	751, 0.142, WSW
L158	CON EDISON	292 4TH AV	NY MANIFEST	Higher	752, 0.142, ENE
L159	CON EDISON	292 4TH AV	NY MANIFEST	Higher	752, 0.142, ENE
K160		412 4TH AVE	EDR US Hist Cleaners	Higher	753, 0.143, South
K161	FIRE HOUSE ENGINE 23	395 FOURTH AVENUE	NY AST, NY HIST UST, NY HIST AST	Higher	756, 0.143, South
K162	FIRE HOUSE ENGINE 23	395 FOURTH AVENUE	NY UST	Higher	756, 0.143, South
K163	NYC FIRE DEPT - ENGI	395 4TH AVE	RCRA-CESQG, NY MANIFEST	Higher	756, 0.143, South
O164	FALCONZ PRINTING	186 SEVENTH ST	RCRA NonGen / NLR	Lower	764, 0.145, SW
P165	106 6TH ST	106 6TH ST	NY LTANKS	Lower	772, 0.146, WSW
L166		290 4TH AVE	EDR US Hist Auto Stat	Higher	777, 0.147, ENE
O167	B & H OVERWEAR CORP	168 7TH STREET	NY HIST UST, NY Spills	Lower	782, 0.148, SW
O168	SUNSET PARK MANUFACT	168 7TH STREET	NY AST	Lower	782, 0.148, SW
O169	SUNSET PARK MANUFACT	168 7TH STREET	NY UST	Lower	782, 0.148, SW
Q170	275 FOURTH AVENUE DE	275 4TH AVE	RCRA-LQG, NY MANIFEST	Higher	791, 0.150, ENE
Q171	NORTH PETROLEUM CORP	275 FOURTH AVE	NY UST, NY AST, NY HIST AST	Higher	791, 0.150, ENE
K172	CADME BROTHERS	401 4TH AVENUE	NY MANIFEST	Higher	814, 0.154, South
R173	288 SIXTH LLC	288 SIXTH ST	NY AST	Higher	815, 0.154, SSE
O174		429 3RD AVE	EDR US Hist Auto Stat	Lower	831, 0.157, SW
P175	CITIZENS GATE STATIO	6TH ST	RCRA-SQG, NJ MANIFEST, NJ MANIFEST	Lower	837, 0.159, West
O176	NEW MILLENNIUM MOTOR	436 3RD AVENUE	NY AST	Lower	841, 0.159, SW
Q177		271 4TH AVE	EDR US Hist Auto Stat	Higher	842, 0.159, ENE
S178	175-225 3RD STREET	175-225 3RD STREET	NY BROWNFIELDS	Lower	857, 0.162, NW
S179	NEW YORK TELEPHONE C	175 THIRD ST	RCRA NonGen / NLR, NY MANIFEST	Lower	857, 0.162, NW
S180	BELL ATLANTIC	175 3RD STREET	NY LTANKS, NY Spills	Lower	857, 0.162, NW
Q181		263 1ST ST	EDR US Hist Auto Stat	Higher	874, 0.166, East
R182	CON EDISON SERVICE B	296 6TH ST	RCRA NonGen / NLR, NY MANIFEST	Higher	884, 0.167, SSE
Q183		265 1ST ST	EDR US Hist Auto Stat	Higher	891, 0.169, East
R184	CON EDISON	FO 295 6TH ST	NY MANIFEST	Higher	932, 0.177, SSE
T185	PS 418 K SCHOOL	512 CARROLL ST	RCRA-LQG, FINDS, NY MANIFEST	Higher	934, 0.177, NE
T186	505 CARROLL ST.	505 CARROLL STREET	NY AST	Higher	939, 0.178, NE
T187	R C C OF OUR LADY OF	522 CARROLL ST	NY HIST UST	Higher	948, 0.180, NE
T188	ROMAN CATHOLIC CHURC	522 CARROLL ST	NY UST, NY HIST UST	Higher	948, 0.180, NE
O189	FERRARO COLLISION IN	442 3RD AVE	RCRA NonGen / NLR, FINDS, NY MANIFEST	Lower	949, 0.180, SW
O190		442 3RD AVE	EDR US Hist Auto Stat	Lower	949, 0.180, SW
T191	CON EDISON	511 CARROLL ST.	NY MANIFEST	Higher	950, 0.180, NE
O192	OCEAN SUPPLY CO	437 3RD AVE	NY LTANKS	Lower	951, 0.180, SW
U193	FALCON-Z PRINTING	165 8TH ST	RCRA NonGen / NLR, FINDS	Higher	957, 0.181, SW
U194	CON EDISON	172 8 ST	NY MANIFEST	Higher	962, 0.182, SW
S195	NYSDOT 3RD ST BRIDGE	3RD ST BRG OVER GOWA	RCRA NonGen / NLR	Lower	970, 0.184, NW

MAPPED SITES SUMMARY

Target Property Address:
252 3RD STREET
BROOKLYN, NY 11215

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
R196	274-84 SEVENTH AVE.	274 7TH AVE & 476 6T	NY AST	Higher	977, 0.185, South
V197	JO-LEE TRUCKING	463 CARROLL ST	RCRA NonGen / NLR	Lower	984, 0.186, North
W198	CON EDISON	198 8 ST	NY MANIFEST	Higher	987, 0.187, SSW
U199	CON ED - MH 65436	3RD AVE & 8TH ST	RCRA NonGen / NLR, NY MANIFEST	Lower	990, 0.188, SW
U200	CON EDISON	3RD AVE & 8TH ST	RCRA NonGen / NLR	Lower	990, 0.188, SW
T201	CON EDISON MANHOLE:	540 CARROLL ST	RCRA NonGen / NLR	Higher	993, 0.188, NE
T202	CON EDISON	540 CARROLL ST	NY MANIFEST	Higher	993, 0.188, NE
Q203	CON EDISON	9 GARFIELD ST	NY MANIFEST	Higher	997, 0.189, ENE
Q204	CON EDISON SERVICE B	9 GARFIELD ST	RCRA NonGen / NLR	Higher	997, 0.189, ENE
X205	MCIZ CORP.	1-25 2ND AVENUE	NY LTANKS, NY Spills	Lower	1007, 0.191, WNW
V206	LINDA TOOL & DIE COR	459 CARROLL ST	RCRA-CESQG, FINDS, NY MANIFEST	Lower	1008, 0.191, North
Y207	CARROLL CLEANER	149 7TH AVE	RCRA-CESQG, US AIRS, NY MANIFEST	Lower	1010, 0.191, WSW
Y208	YOO CLEANERS INC DBA	149 7TH AVE	RCRA NonGen / NLR	Lower	1010, 0.191, WSW
Y209	CARROLL/YOO CLEANERS	149 7TH AVE.	NY DRYCLEANERS	Lower	1010, 0.191, WSW
X210	CON EDISON SERVICE B	2 2ND AVE FRONT OF	RCRA NonGen / NLR, FINDS, NY MANIFEST	Lower	1016, 0.192, WNW
X211	GOWANUS CANAL CONSER	2 SECOND AVE.	NY SWF/LF	Lower	1016, 0.192, WNW
212		344 2ND ST	EDR US Hist Auto Stat	Higher	1017, 0.193, ESE
Z213		270 4TH AVE	EDR US Hist Auto Stat	Higher	1017, 0.193, ENE
Z214	AUTO BODY CONCEPTS D	270 4TH AVE	RCRA NonGen / NLR	Higher	1017, 0.193, ENE
AA215	CON EDISON	298 5TH ST	NY MANIFEST	Higher	1018, 0.193, SE
AA216	CON EDISON SERVICE B	298 5TH ST	RCRA NonGen / NLR	Higher	1018, 0.193, SE
X217	MCIZ CORP. GARAGE &	15 2ND AVENUE	NY AST	Lower	1019, 0.193, WNW
X218	MCIZ CORP. GARAGE &	15 2ND AVENUE	NY UST	Lower	1019, 0.193, WNW
X219	NYC DEPT OF SANITATI	15 2ND AVE BK-N-2	RCRA NonGen / NLR, FINDS	Lower	1019, 0.193, WNW
X220	MCIZ CORP.	15 2ND AVENUE	NY HIST UST, NY Spills	Lower	1019, 0.193, WNW
X221	CONSOLIDATED EDISON	2ND AVE & 5TH ST MH5	NY MANIFEST	Lower	1032, 0.195, West
X222	CONSOLIDATED EDISON	2 AVE & 5 ST TM280	NY MANIFEST	Lower	1032, 0.195, West
X223	CONSOLIDATED EDISON	2 AVE & 5 ST MH5389	NY MANIFEST	Lower	1032, 0.195, West
X224	22-36 SECOND AVENUE	22-36 SECOND AVENUE	NY BROWNFIELDS	Lower	1039, 0.197, West
Z225		262 4TH AVE	EDR US Hist Auto Stat	Higher	1056, 0.200, NE
W226	PUBLIC SCHOOL 763 -	211 8TH STREET	NY AST	Higher	1056, 0.200, South
Y227	160 7TH STREET	119 8TH STREET	NY AST	Lower	1063, 0.201, WSW
V228	CON EDISON	450 CARROL ST	NY MANIFEST	Lower	1064, 0.202, North
AB229	CON EDISON	22 GARFIELD PL	NY MANIFEST	Higher	1075, 0.204, ENE
230	HENRY REPEATING ARMS	110 8TH ST	RCRA-SQG, FINDS, NJ MANIFEST, NJ MANIFEST	Lower	1076, 0.204, SW
AA231	318 6TH STREET	318 6TH STREET	NY AST	Higher	1083, 0.205, SSE
U232		447 3RD AVE	EDR US Hist Auto Stat	Lower	1099, 0.208, SW
U233	FORMER GASOLINE SERV	447 THIRD AVE	NY UST, NY HIST UST	Lower	1099, 0.208, SW
U234	MATTONE CO - XTEXACO	447 3RD AVE	RCRA NonGen / NLR, FINDS, NY MANIFEST	Lower	1099, 0.208, SW

MAPPED SITES SUMMARY

Target Property Address:
252 3RD STREET
BROOKLYN, NY 11215

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MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
AA235	CON EDISON	314 5TH ST	NY MANIFEST	Higher	1101, 0.209, SE
AA236	CON EDISON - SERVICE	314 5 ST	RCRA-LQG	Higher	1101, 0.209, SE
AC237	WORLD WIDE TOURS	33 2ND AVENUE	NY AST	Lower	1103, 0.209, West
AC238		33 2ND AVE	EDR US Hist Auto Stat	Lower	1103, 0.209, West
S239	160 3RD STREET	160 3RD STREET	NY HIST UST	Lower	1105, 0.209, NW
S240	160 3RD AVENUE	160 3RD AVENUE	NY UST, NY HIST UST	Lower	1105, 0.209, NW
AC241	CON EDISON - MH 5388	2ND AVE AND 6TH ST	RCRA NonGen / NLR, NY MANIFEST	Lower	1106, 0.209, West
AC242	BKLYN UNION GAS /CIT	6TH ST & 2ND AVE	CERC-NFRAP	Lower	1106, 0.209, West
X243	BUG, CITIZENS GATE S	6TH STREET AND 2ND A	NY HSWDS	Lower	1109, 0.210, West
W244		436 4TH AVE	EDR US Hist Cleaners	Higher	1113, 0.211, SSW
AC245	CON EDISON - MANHOLE	35 2ND AVE & 7TH AVE	RCRA-LQG, NJ MANIFEST, NJ MANIFEST	Lower	1117, 0.212, West
AC246	CON EDISON	35 2ND AVE & 7TH ST	RCRA-CESQG	Lower	1117, 0.212, West
AA247	322 SIXTH ST OWNERS	322 SIXTH STREET	NY AST, NY HIST AST	Higher	1120, 0.212, SSE
AC248	NYC ENVIRONMENTAL SE	39 2ND AVE	RCRA NonGen / NLR, FINDS	Lower	1136, 0.215, West
AD249	GOWANUS VILLAGE I, L	420 CARROLL STREET	NY BROWNFIELDS, NY Spills	Lower	1137, 0.215, NNW
AD250	GOWANUS VILLAGE I, L	430 CARROLL ST/153 2	NY BROWNFIELDS	Lower	1137, 0.215, NNW
Z251	256 SOUTH 4TH STREET	256 SOUTH 4TH STREET	NY AST	Higher	1145, 0.217, NE
Z252	256 SO 4TH STREET	256 SO 4TH STREET	NY LTANKS	Higher	1145, 0.217, NE
253		357 3RD ST	EDR US Hist Auto Stat	Higher	1146, 0.217, ESE
AE254	276 3RD AVENUE	276 THIRD AVENUE	NY AST	Higher	1163, 0.220, NNE
Z255	NYCDOT BRIDGE BIN 22	PRESIDENT ST BRG OVE	RCRA NonGen / NLR	Higher	1165, 0.221, NE
AF256	CON EDISON	231 8TH ST	NY MANIFEST	Higher	1171, 0.222, South
257		307 7TH ST	EDR US Hist Auto Stat	Higher	1175, 0.223, SSE
AE258		528 PRESIDENT ST	EDR US Hist Auto Stat	Higher	1182, 0.224, NNE
AE259	L.L.L. AUTO REPAIR I	528 PRESIDENT STREET	NY AST	Higher	1182, 0.224, NNE
T260	540 PRESIDENT STREET	540 PRESIDENT STREET	NY LTANKS	Higher	1183, 0.224, NNE
AE261		524 PRESIDENT ST	EDR US Hist Auto Stat	Higher	1184, 0.224, NNE
Z262	2 FAMILY HOUSE	557 CARROLL ST	NY AST	Higher	1188, 0.225, ENE
Z263	L&B AUTO REPAIR CORP	245 4TH AVENUE	NY AST	Higher	1193, 0.226, ENE
Z264		245 4TH AVE	EDR US Hist Auto Stat	Higher	1193, 0.226, ENE
AG265	CON EDISON	207 9TH ST	NY MANIFEST	Higher	1201, 0.227, SSW
AG266	CON EDISON SERVICE B	207 9TH ST	RCRA NonGen / NLR	Higher	1201, 0.227, SSW
AG267		203 9TH ST	EDR US Hist Auto Stat	Higher	1205, 0.228, SSW
AC268	KENTILE FLOORS INC	58 SECOND AVE	NY Spills, RCRA NonGen / NLR, NY MANIFEST	Lower	1213, 0.230, West
AC269	ACHIM IMPORTING CO.	58 SECOND AVENUE	NY UST	Lower	1213, 0.230, West
AF270	236 8TH ST	236 8TH ST	NY LTANKS	Higher	1217, 0.230, South
271	CON EDISON	431 4TH AVE	NY MANIFEST	Higher	1227, 0.232, SSW
AG272	TOP NOTCH AUTO REPAI	204 9TH STREET	NY AST	Higher	1228, 0.233, SW
AG273		204 9TH ST	EDR US Hist Auto Stat	Higher	1228, 0.233, SW

MAPPED SITES SUMMARY

Target Property Address:
252 3RD STREET
BROOKLYN, NY 11215

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MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
Z274		248 4TH AVE	EDR US Hist Auto Stat	Higher	1231, 0.233, NE
275	T & S TRUCKING CO IN	53 2ND AVE	RCRA NonGen / NLR, FINDS	Lower	1232, 0.233, West
AH276	NYC DEPT OF EDUCATIO	350 5TH AVE	RCRA-SQG	Higher	1233, 0.234, SE
AI277	CON EDISON	9TH ST & 3RD AVE	RCRA-CESQG, NJ MANIFEST, NJ MANIFEST	Higher	1247, 0.236, SW
AI278	CON EDISON MANHOLE 5	3RD AVE & 9TH ST NW	RCRA NonGen / NLR, NY MANIFEST	Higher	1247, 0.236, SW
AA279		355 5TH AVE	EDR US Hist Auto Stat	Higher	1250, 0.237, SE
AE280		529 PRESIDENT ST	EDR US Hist Auto Stat	Higher	1252, 0.237, NNE
AB281	CON EDISON	584 CARROLL STREET	NY MANIFEST	Higher	1261, 0.239, ENE
AE282	KLOR-DE CLEANERS	263 3RD AVENUE	NY DRYCLEANERS	Higher	1262, 0.239, NNE
AE283		263 3RD AVE	EDR US Hist Cleaners	Higher	1262, 0.239, NNE
AJ284		376 5TH AVE	EDR US Hist Cleaners	Higher	1272, 0.241, SSE
AJ285		382 5TH AVE	EDR US Hist Cleaners	Higher	1293, 0.245, SSE
AE286		264 3RD AVE	EDR US Hist Auto Stat	Higher	1300, 0.246, NNE
AE287	RIDGE COMPLETE AUTO	264 THIRD AVENUE	NY AST	Higher	1300, 0.246, NNE
AB288	CON EDISON	590 CARROLL ST	NY MANIFEST	Higher	1303, 0.247, ENE
AJ289	CON EDISON - MANHOLE	S/W/C 6TH ST & 5	RCRA-LQG, NY MANIFEST	Higher	1305, 0.247, SSE
290		294 5TH AVE	EDR US Hist Cleaners	Higher	1305, 0.247, ESE
AK291	BRUCE RIBELNON OMNI	473 PRESIDENT ST	NY LTANKS	Lower	1342, 0.254, North
AK292	473 PRESIDENT STREET	473 PRESIDENT STREET	NY BROWNFIELDS	Lower	1359, 0.257, North
AH293	P.S. # 51- 350 5TH A	P.S. #51 - 350 5TH A	NY LTANKS	Higher	1372, 0.260, SE
AK294	325 NEVINS STREET	325 NEVINS STREET	NY LTANKS	Lower	1398, 0.265, North
295	IESI (110 5TH ST.)(S	110 5TH STREET	NY SWF/LF, NY Spills	Lower	1409, 0.267, WNW
296	CONTAINER SERVICE CO	107 6TH STREET	NY SWF/LF, NY Spills, NY SPDES	Lower	1409, 0.267, West
AL297	CARROLL ST. TRANSFER	400 CARROLL ST	NY SWF/LF	Lower	1462, 0.277, NNW
AL298	388 CARROLL STREET A	388 CARROLL STREET A	NY BROWNFIELDS	Lower	1554, 0.294, NNW
299	TTF	300 10TH ST	NY LTANKS	Higher	1583, 0.300, SSW
AM300	TOLL BROOKLYN, LP	64-98 1ST ST; 82-107	NY BROWNFIELDS	Lower	1603, 0.304, NW
AM301	365 BOND STREET	365 BOND STREET	NY BROWNFIELDS, NY Spills, NY E DESIGNATION	Lower	1609, 0.305, NW
302	NEVIN ST GARAGE	318 NEVINS ST	NY LTANKS, NY Spills	Lower	1633, 0.309, North
303	401 3RD STREET	401 3RD STREET	NY LTANKS	Higher	1655, 0.313, ESE
304	345 FIRST ST	345 FIRST ST	NY LTANKS	Higher	1657, 0.314, ESE
AN305	4TH & SACKETT STREET	4TH & SACKETT STREET	NY LTANKS	Higher	1678, 0.318, NE
306	PATTERSON CHEMICAL C	102 3RD ST	CORRACTS, RCRA NonGen / NLR, FINDS, NY MANIFEST	Higher	1742, 0.330, NW
307	STELLAR 341 LLC	341 10TH STREET	NY LTANKS, NY UST, NY AST	Higher	1744, 0.330, South
308	498 3RD AVENUE	498 3RD AVENUE	NY LTANKS	Higher	1746, 0.331, SW
AN309	HESS STATION 32530	204-222 4TH AVENUE	NY LTANKS, NY Spills	Higher	1777, 0.337, NE
AO310	335 BOND STREET	335 BOND STREET	NY BROWNFIELDS	Lower	1792, 0.339, NNW
AO311	VIDAN AUTO SALVAGE	327-321 BOND STREET	CERC-NFRAP, RCRA NonGen / NLR	Lower	1859, 0.352, NNW
AP312	BU-METROPOLITAN MGP	124-136 SECOND AVE	EDR MGP	Lower	1871, 0.354, WSW

MAPPED SITES SUMMARY

Target Property Address:
252 3RD STREET
BROOKLYN, NY 11215

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MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
AP313	K - METROPOLITAN MGP	124-136 SECOND AVE	NY SHWS, NY BROWNFIELDS	Lower	1871, 0.354, WSW
AP314	OLD POST OFFICE	124 2ND AVE	NY LTANKS, NY Spills	Lower	1871, 0.354, WSW
AP315	METROPOLITAN	124-136 SECOND AVE	NY VCP	Lower	1871, 0.354, WSW
AQ316	FULTON MUNICIPAL WOR	NEVINS, DEGRAW AND S	EDR MGP	Lower	1971, 0.373, North
AP317	BROOKLYN WEST 06 DOS	127 2ND AVENUE	NY LTANKS, NY Spills	Lower	2003, 0.379, WSW
AP318	BROOKLYN NORTH 2	11 2ND AVE	NY LTANKS, NY Spills	Lower	2012, 0.381, WSW
AQ319	560 DEGRAW STREET	560 DEGRAW STREET	NY BROWNFIELDS	Lower	2015, 0.382, NNE
AP320	US POSTAL SERVICE -	138 2ND AVE	RCRA-CESQG, NY LTANKS, NJ MANIFEST, NJ MANIFEST	Lower	2021, 0.383, WSW
AR321	AJR (COMMERCIAL BLDG	599 DEGRAW ST	NY LTANKS	Higher	2036, 0.386, NE
AR322	RINALDI RECYCLING CO	182 4TH AVE.	NY SWF/LF	Higher	2042, 0.387, NE
323	450 UNION STREET	450 UNION STREET	NY BROWNFIELDS	Lower	2043, 0.387, NNW
AS324	66 FOURTH STREET	66 4TH STREET	NY LTANKS, NY UST, NY HIST UST	Higher	2056, 0.389, WNW
AT325	BAYSIDE FUEL OIL DEP	510 SACKETT ST	NY MOSF, NY Spills	Lower	2095, 0.397, North
AT326	BAYSIDE FUEL OIL DEP	510 SACKETT ST.	NY MOSF UST	Lower	2095, 0.397, North
AS327	425 HOYT STREET	419-429 HOYT STREET	NY BROWNFIELDS	Higher	2099, 0.398, WNW
328	DEL'S AUTO REPAIR	70 2ND ST/NEW UTRECH	NY LTANKS	Higher	2127, 0.403, NW
AQ329	FULTON WORKS	DEGRAW STREET AND NE	EDR MGP	Lower	2150, 0.407, North
AU330	280 DOUGLAS ST/PENSK	280 DOUGLAS ST/PENSK	NY LTANKS	Higher	2189, 0.415, NNE
AV331	424 5TH AVENUE	424 5TH STREET	NY LTANKS	Higher	2191, 0.415, SE
AU332	280 DOUGLAS ST	280 DOUGLAS STREET	NY LTANKS, NY Spills	Higher	2229, 0.422, NNE
AW333	BKLYN UNION GAS /MET	2ND AVE & 12 ST /GOW	CERC-NFRAP	Lower	2243, 0.425, WSW
334	RINALDI RECYCLING CO	326 DOUGLASS STREET	NY SWRCY	Higher	2244, 0.425, NE
AW335	BUG, METROPOLITAN WO	2ND AVE & 12TH STREE	NY HSWDS	Lower	2244, 0.425, WSW
AW336	USPS GOWANUS SITE, F	2ND AVENUE AND 12TH	NY VCP	Lower	2244, 0.425, WSW
337	D GAVER & SONS INC	267 DOUGLASS ST	NY LTANKS, NY UST, NY HIST UST	Lower	2257, 0.427, NNE
338	AYALA RESIDENCE	19 BERKELEY PL	NY LTANKS, NY Spills	Higher	2289, 0.434, ENE
339	ROYAL RECYCLING CORP	242 NEVINS STREET	NY SWF/LF, NY Spills	Lower	2349, 0.445, North
AX340	APPT BUILDING	243-249 13TH STREET	NY LTANKS	Higher	2413, 0.457, SSW
341	225 6TH AVE.	225 6TH AVE	NY LTANKS	Higher	2421, 0.459, East
AX342	244A 13TH STREET	244A 13TH STREET	NY LTANKS	Higher	2427, 0.460, SSW
AV343	APARTMENT BUILDING	446 5TH ST	NY LTANKS	Higher	2427, 0.460, SE
344	FORMER CITIZEN GAS W	5TH STREET AND SMITH	EDR MGP	Higher	2448, 0.464, WNW
345	SPILL NUMBER 0209206	11 LINCOLN PLACE	NY LTANKS	Higher	2449, 0.464, ENE
AW346	USPS GOWANUS SITE. F	2ND AVENUE AND 12TH	EDR MGP	Lower	2464, 0.467, WSW
347	SPILL NUMBER 0207372	3RD AVE/14TH ST	NY LTANKS	Higher	2525, 0.478, SW
348	FORMER O.Z. ELECTRIC	198 DOUGLASS STREET	NY SHWS, NY Spills	Lower	2547, 0.482, North
349	FORMER STRAUSS AUTO	521-539 4TH AVENUE	NY BROWNFIELDS	Higher	2567, 0.486, SSW
350	705 CARROLL STREET	705 CARROLL STREET	NY LTANKS, NY Spills	Higher	2619, 0.496, East
AY351	GOWANUS CANAL	BUTLER ST (BETWEEN B	NPL, CERCLIS, ROD, PRP, ICIS, FINDS	Lower	2645, 0.501, North

MAPPED SITES SUMMARY

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252 3RD STREET
BROOKLYN, NY 11215

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MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
AY352	GOWANUS CANAL SITE	GOWANUS CANAL	NY SHWS	Lower	2645, 0.501, North
353	CARROLL GARDENS	CORNER OF 5TH STREET	NY DEL SHWS	Higher	2697, 0.511, WNW
354	HAMILTON AVENUE PIER	REAR OF 566 HAMILTON	NY SHWS	Lower	3441, 0.652, SW
AZ355	FORMER BARRETT MANUF	627 SMITH ST.	NY SHWS, NY BROWNFIELDS	Lower	3664, 0.694, WSW
AZ356	SMITH STREET AT HALL	628 SMITH STREET AND	NY SHWS	Lower	3703, 0.701, WSW
BA357	CHEMTURA 633 COURT S	633 COURT STREET	NY SHWS	Lower	4014, 0.760, WSW
BA358	643 COURT ST.	643 COURT ST.	NY SHWS	Lower	4111, 0.779, WSW
359	DEBEVOISE CO	74 20TH ST	CORRACTS, RCRA-TSDF, RCRA NonGen / NLR, ICIS,...	Lower	4283, 0.811, SW
360	CHEM TURA	688-700 COURT ST	NY SHWS, NY CBS UST, NY CBS, RCRA NonGen / NLR, NY...	Lower	4429, 0.839, WSW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

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

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

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

Federal Delisted NPL site list

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

Federal CERCLIS list

FEDERAL FACILITY---------- Federal Facility Site Information listing

Federal institutional controls / engineering controls registries

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

Federal ERNS list

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

State- and tribal - equivalent CERCLIS

NY VAPOR REOPENED---------- Vapor Intrusion Legacy Site List

State and tribal leaking storage tank lists

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

State and tribal registered storage tank lists

FEMA UST---------- Underground Storage Tank Listing
NY CBS AST---------- Chemical Bulk Storage Database
NY MOSF AST---------- Major Oil Storage Facilities Database

INDIAN UST..... Underground Storage Tanks on Indian Land

State and tribal institutional control / engineering control registries

NY RES DECL..... Restrictive Declarations Listing

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

NY ERP..... Environmental Restoration Program Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

NY SWTIRE..... Registered Waste Tire Storage & Facility List
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands
ODI..... Open Dump Inventory
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... National Clandestine Laboratory Register
US CDL..... Clandestine Drug Labs

Local Land Records

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

Records of Emergency Release Reports

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

Other Ascertainable Records

FUDS..... Formerly Used Defense Sites
DOD..... Department of Defense Sites
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR..... Financial Assurance Information
EPA WATCH LIST..... EPA WATCH LIST
2020 COR ACTION..... 2020 Corrective Action Program List
TSCA..... Toxic Substances Control Act
TRIS..... Toxic Chemical Release Inventory System

SSTS: Section 7 Tracking Systems
RMP: Risk Management Plans
RAATS: RCRA Administrative Action Tracking System
PADS: PCB Activity Database System
FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS: Material Licensing Tracking System
COAL ASH DOE: Steam-Electric Plant Operation Data
COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER: PCB Transformer Registration Database
RADINFO: Radiation Information Database
HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS: Incident and Accident Data
CONSENT: Superfund (CERCLA) Consent Decrees
INDIAN RESERV: Indian Reservations
UMTRA: Uranium Mill Tailings Sites
LEAD SMELTERS: Lead Smelter Sites
US MINES: Mines Master Index File
NY AIRS: Air Emissions Data
NY COAL ASH: Coal Ash Disposal Site Listing
NY Financial Assurance: Financial Assurance Information Listing
NY UIC: Underground Injection Control Wells

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

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

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: Also known as Superfund, the National Priority List database is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund program. The source of this database is the U.S. EPA.

A review of the NPL list, as provided by EDR, and dated 03/26/2015 has revealed that there is 1 NPL

site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
GOWANUS CANAL	***BUTLER ST (BETWEEN B***	***N 1/2 - 1 (0.501 mi.)***	***AY351***	***946***

Federal CERCLIS NFRAP site List

CERC-NFRAP: Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

A review of the CERC-NFRAP list, as provided by EDR, and dated 10/25/2013 has revealed that there are 3 CERC-NFRAP sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
BKLYN UNION GAS /CIT	6TH ST & 2ND AVE	W 1/8 - 1/4 (0.209 mi.)	AC242	700
VIDAN AUTO SALVAGE	***327-321 BOND STREET***	***NNW 1/4 - 1/2 (0.352 mi.)***	***AO311***	***846***
BKLYN UNION GAS /MET	2ND AVE & 12 ST /GOW	WSW 1/4 - 1/2 (0.425 mi.)	AW333	915

Federal RCRA CORRACTS facilities list

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 03/10/2015 has revealed that there are 2 CORRACTS sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PATTERSON CHEMICAL C	***102 3RD ST***	***NW 1/4 - 1/2 (0.330 mi.)***	***306***	***818***
Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
DEBEVOISE CO	***74 20TH ST***	***SW 1/2 - 1 (0.811 mi.)***	***359***	***977***

Federal RCRA generators list

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

A review of the RCRA-LQG list, as provided by EDR, and dated 03/10/2015 has revealed that there are 9

RCRA-LQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON - 3RD AVE	*222 FIRST STREET*	*ENE 0 - 1/8 (0.113 mi.)*	*L112*	*314*
275 FOURTH AVENUE DE	*275 4TH AVE*	*ENE 1/8 - 1/4 (0.150 mi.)*	*Q170*	*467*
PS 418 K SCHOOL	*512 CARROLL ST*	*NE 1/8 - 1/4 (0.177 mi.)*	*T185*	*522*
CON EDISON - SERVICE	314 5 ST	SE 1/8 - 1/4 (0.209 mi.)	AA236	682
CON EDISON - MANHOLE	*S/W/C 6TH ST & 5*	*SSE 1/8 - 1/4 (0.247 mi.)*	*AJ289*	*774*

Lower Elevation	Address	Direction / Distance	Map ID	Page
190-220 THIRD STREET	*214 3RD ST*	*NW 0 - 1/8 (0.084 mi.)*	*E38*	*154*
CON EDISON - MANHOLE	*6TH STREET & 3RD AVE*	*SW 0 - 1/8 (0.096 mi.)*	*I72*	*235*
CON EDISON - MANHOLE	*105 6 TH ST*	*WSW 1/8 - 1/4 (0.142 mi.)*	*P157*	*442*
CON EDISON - MANHOLE	*35 2ND AVE & 7TH AVE*	*W 1/8 - 1/4 (0.212 mi.)*	*AC245*	*703*

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

A review of the RCRA-SQG list, as provided by EDR, and dated 03/10/2015 has revealed that there are 5 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SUSAN MAINTENANCE	*374 4TH AVE*	*SSE 0 - 1/8 (0.080 mi.)*	*F33*	*115*
NYC DEPT OF EDUCATIO	350 5TH AVE	SE 1/8 - 1/4 (0.234 mi.)	AH276	761

Lower Elevation	Address	Direction / Distance	Map ID	Page
U-HAUL PARKSLOPE RER	*403 3RD AVE CORNER O*	*SW 0 - 1/8 (0.087 mi.)*	*I54*	*183*
CITIZENS GATE STATIO	*6TH ST*	*W 1/8 - 1/4 (0.159 mi.)*	*P175*	*490*
HENRY REPEATING ARMS	*110 8TH ST*	*SW 1/8 - 1/4 (0.204 mi.)*	*230*	*640*

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

A review of the RCRA-CESQG list, as provided by EDR, and dated 03/10/2015 has revealed that there are 6 RCRA-CESQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NYC FIRE DEPT - ENGI	*395 4TH AVE*	*S 1/8 - 1/4 (0.143 mi.)*	*K163*	*454*
CON EDISON	*9TH ST & 3RD AVE*	*SW 1/8 - 1/4 (0.236 mi.)*	*AI277*	*762*

Lower Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON	*3RD AVE & 6TH ST*	*SW 0 - 1/8 (0.096 mi.)*	*I68*	*231*
LINDA TOOL & DIE COR	*459 CARROLL ST*	*N 1/8 - 1/4 (0.191 mi.)*	*V206*	*565*
CARROLL CLEANER	*149 7TH AVE*	*WSW 1/8 - 1/4 (0.191 mi.)*	*Y207*	*576*
CON EDISON	35 2ND AVE & 7TH ST	W 1/8 - 1/4 (0.212 mi.)	AC246	706

EXECUTIVE SUMMARY

State- and tribal - equivalent CERCLIS

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

A review of the NY SHWS list, as provided by EDR, and dated 06/26/2015 has revealed that there are 9 NY SHWS sites within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
K - METROPOLITAN MGP	***124-136 SECOND AVE***	***WSW 1/4 - 1/2 (0.354 mi.)***	***AP313***	***848***
Site Code: 372656				
Class Code: Significant threat to the public health or environment - action required.				
FORMER O.Z. ELECTRIC	***198 DOUGLASS STREET***	***N 1/4 - 1/2 (0.482 mi.)***	***348***	***938***
Site Code: 450318				
GOWANUS CANAL SITE	GOWANUS CANAL	N 1/2 - 1 (0.501 mi.)	AY352	961
Site Code: 406956				
Class Code: Significant threat to the public health or environment - action required.				
HAMILTON AVENUE PIER	REAR OF 566 HAMILTON	SW 1/2 - 1 (0.652 mi.)	354	966
Site Code: 55910				
FORMER BARRETT MANUF	***627 SMITH ST.***	***WSW 1/2 - 1 (0.694 mi.)***	***AZ355***	***967***
Site Code: 466165				
SMITH STREET AT HALL	628 SMITH STREET AND	WSW 1/2 - 1 (0.701 mi.)	AZ356	970
Site Code: 499845				
CHEMTURA 633 COURT S	633 COURT STREET	WSW 1/2 - 1 (0.760 mi.)	BA357	972
Site Code: 443256				
Class Code: Significant threat to the public health or environment - action required.				
643 COURT ST.	643 COURT ST.	WSW 1/2 - 1 (0.779 mi.)	BA358	976
Site Code: 498440				
CHEM TURA	***688-700 COURT ST***	***WSW 1/2 - 1 (0.839 mi.)***	***360***	***994***
Site Code: 442980				
Class Code: Significant threat to the public health or environment - action required.				

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

NY SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the list.

A review of the NY SWF/LF list, as provided by EDR, and dated 06/24/2015 has revealed that there are 7 NY SWF/LF sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
3RD AVE FLUSH TRUCK	222 FIRST STREET	ENE 0 - 1/8 (0.113 mi.)	L92	274
RINALDI RECYCLING CO	182 4TH AVE.	NE 1/4 - 1/2 (0.387 mi.)	AR322	889
Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
GOWANUS CANAL CONSER	2 SECOND AVE.	WNW 1/8 - 1/4 (0.192 mi.)	X211	596

Lower Elevation	Address	Direction / Distance	Map ID	Page
IESI (110 5TH ST.)(S	***110 5TH STREET***	***WNW 1/4 - 1/2 (0.267 mi.)***	***295***	***782***
CONTAINER SERVICE CO	***107 6TH STREET***	***W 1/4 - 1/2 (0.267 mi.)***	***296***	***784***
CARROLL ST. TRANSFER	400 CARROLL ST	NNW 1/4 - 1/2 (0.277 mi.)	AL297	792
ROYAL RECYCLING CORP	***242 NEVINS STREET***	***N 1/4 - 1/2 (0.445 mi.)***	***339***	***925***

State and tribal leaking storage tank lists

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

A review of the NY LTANKS list, as provided by EDR, and dated 07/21/2015 has revealed that there are 40 NY LTANKS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
U-HAUL Spill Number/Closed Date: 9412186 / 3/13/2006 Site ID: 225909 Program Number: 9412186	259 6TH ST	S 0 - 1/8 (0.108 mi.)	K85	261
THIRD AVE YARD Spill Number/Closed Date: 0506700 / 9/7/2005 Spill Number/Closed Date: 9605014 / 12/30/2003 Site ID: 351960 Site ID: 263134 Program Number: 0506700 Program Number: 9605014	***222 FIRST STREET***	***ENE 0 - 1/8 (0.113 mi.)***	***L104***	***292***
FERRANTINO & CO Spill Number/Closed Date: 9705330 / 8/1/2011 Site ID: 304152 Program Number: 9705330	278 6TH ST	S 1/8 - 1/4 (0.140 mi.)	K153	437
256 SO 4TH STREET Spill Number/Closed Date: 9509901 / 11/9/1995 Site ID: 106919 Program Number: 9509901	256 SO 4TH STREET	NE 1/8 - 1/4 (0.217 mi.)	Z252	718
540 PRESIDENT STREET Spill Number/Closed Date: 9211878 / 1/18/1993 Site ID: 262667 Program Number: 9211878	540 PRESIDENT STREET	NNE 1/8 - 1/4 (0.224 mi.)	T260	727
236 8TH ST Spill Number/Closed Date: 9508664 / 10/16/1995 Site ID: 211107 Program Number: 9508664	236 8TH ST	S 1/8 - 1/4 (0.230 mi.)	AF270	753
P.S. # 51- 350 5TH A Spill Number/Closed Date: 9409320 / 2/6/1995 Site ID: 105617 Program Number: 9409320	P.S. #51 - 350 5TH A	SE 1/4 - 1/2 (0.260 mi.)	AH293	779
TTF	300 10TH ST	SSW 1/4 - 1/2 (0.300 mi.)	299	794

Spill Number/Closed Date: 1406432 / 11/13/2014 Site ID: 499901 Program Number: 1406432				
401 3RD STREET Spill Number/Closed Date: 9310090 / 11/19/1993 Site ID: 244717 Program Number: 9310090	401 3RD STREET	ESE 1/4 - 1/2 (0.313 mi.)	303	815
345 FIRST ST Spill Number/Closed Date: 9300662 / 4/14/1993 Site ID: 196708 Program Number: 9300662	345 FIRST ST	ESE 1/4 - 1/2 (0.314 mi.)	304	816
4TH & SACKETT STREET Spill Number/Closed Date: 9113310 / 8/3/1994 Site ID: 221268 Program Number: 9113310	4TH & SACKETT STREET	NE 1/4 - 1/2 (0.318 mi.)	AN305	817
STELLAR 341 LLC Spill Number/Closed Date: 0413183 / 11/9/2005 Site ID: 339044 Program Number: 0413183	***341 10TH STREET***	***S 1/4 - 1/2 (0.330 mi.)***	***307***	***829***
498 3RD AVENUE Spill Number/Closed Date: 8809911 / Not Reported Site ID: 66897 Program Number: 8809911	498 3RD AVENUE	SW 1/4 - 1/2 (0.331 mi.)	308	835
HESS STATION 32530 Spill Number/Closed Date: 9515732 / 6/11/1997 Site ID: 204687 Program Number: 9515732	***204-222 4TH AVENUE***	***NE 1/4 - 1/2 (0.337 mi.)***	***AN309***	***837***
AJR (COMMERCIAL BLDG Spill Number/Closed Date: 0500453 / 4/28/2005 Site ID: 343388 Program Number: 0500453	599 DEGRAW ST	NE 1/4 - 1/2 (0.386 mi.)	AR321	888
66 FOURTH STREET Spill Number/Closed Date: 0106619 / 11/17/2003 Site ID: 228322 Program Number: 0106619	***66 4TH STREET***	***WNW 1/4 - 1/2 (0.389 mi.)***	***AS324***	***891***
DEL'S AUTO REPAIR Spill Number/Closed Date: 9713407 / 3/3/2003 Site ID: 319396 Program Number: 9713407	70 2ND ST/NEW UTRECH	NW 1/4 - 1/2 (0.403 mi.)	328	907
280 DOUGLAS ST/PENSK Spill Number/Closed Date: 9112095 / 3/3/1992 Site ID: 280189 Program Number: 9112095	280 DOUGLAS ST/PENSK	NNE 1/4 - 1/2 (0.415 mi.)	AU330	908
424 5TH AVENUE Spill Number/Closed Date: 9412686 / 12/21/1994 Site ID: 306765 Program Number: 9412686	424 5TH STREET	SE 1/4 - 1/2 (0.415 mi.)	AV331	910
280 DOUGLAS ST Spill Number/Closed Date: 9410669 / 3/10/1995 Site ID: 160988 Program Number: 9410669	***280 DOUGLAS STREET***	***NNE 1/4 - 1/2 (0.422 mi.)***	***AU332***	***911***
AYALA RESIDENCE	***19 BERKELEY PL***	***ENE 1/4 - 1/2 (0.434 mi.)***	***338***	***923***

Spill Number/Closed Date: 0209599 / 12/18/2002
Site ID: 238174
Program Number: 0209599

APPT BUILDING — 243-249 13TH STREET — SSW 1/4 - 1/2 (0.457 mi.) — AX340 — 930
Spill Number/Closed Date: 0712715 / 6/4/2008
Site ID: 394373
Program Number: 0712715

225 6TH AVE. — 225 6TH AVE — E 1/4 - 1/2 (0.459 mi.) — 341 — 931
Spill Number/Closed Date: 8705973 / 11/19/1992
Site ID: 163112
Program Number: 8705973

244A 13TH STREET — 244A 13TH STREET — SSW 1/4 - 1/2 (0.460 mi.) — AX342 — 933
Spill Number/Closed Date: 9210439 / 12/10/1992
Site ID: 131864
Program Number: 9210439

APARTMENT BUILDING — 446 5TH ST — SE 1/4 - 1/2 (0.460 mi.) — AV343 — 934
Spill Number/Closed Date: 0410001 / 10/28/2005
Site ID: 334901
Program Number: 0410001

SPILL NUMBER 0209206 — 11 LINCOLN PLACE — ENE 1/4 - 1/2 (0.464 mi.) — 345 — 935
Spill Number/Closed Date: 0209206 / 4/16/2004
Site ID: 156887
Program Number: 0209206

SPILL NUMBER 0207372 — 3RD AVE/14TH ST — SW 1/4 - 1/2 (0.478 mi.) — 347 — 937
Spill Number/Closed Date: 0207372 / 2/5/2003
Site ID: 124766
Program Number: 0207372

705 CARROLL STREET — ***705 CARROLL STREET*** — ***E 1/4 - 1/2 (0.496 mi.)*** — ***350*** — ***944***
Spill Number/Closed Date: 9311807 / 1/5/1994
Site ID: 213345
Program Number: 9311807

Lower Elevation	Address	Direction / Distance	Map ID	Page
106 6TH ST	106 6TH ST	WSW 1/8 - 1/4 (0.146 mi.)	P165	459
Spill Number/Closed Date: 9502574 / 5/31/1995 Site ID: 153670 Program Number: 9502574				
BELL ATLANTIC	***175 3RD STREET***	***NW 1/8 - 1/4 (0.162 mi.)***	***S180***	***515***
Spill Number/Closed Date: 9208180 / 10/15/1992 Site ID: 103805 Program Number: 9208180				
OCEAN SUPPLY CO	437 3RD AVE	SW 1/8 - 1/4 (0.180 mi.)	O192	539
Spill Number/Closed Date: 9905579 / 9/22/1999 Site ID: 306200 Program Number: 9905579				
MCIZ CORP.	***1-25 2ND AVENUE***	***WNW 1/8 - 1/4 (0.191 mi.)***	***X205***	***556***
Spill Number/Closed Date: 9603998 / 7/30/2013 Site ID: 267560 Program Number: 9603998				
BRUCE RIBELNON OMNI	473 PRESIDENT ST	N 1/4 - 1/2 (0.254 mi.)	AK291	777

Spill Number/Closed Date: 9412605 / Not Reported
Site ID: 323409
Program Number: 9412605

325 NEVINS STREET — 325 NEVINS STREET — N 1/4 - 1/2 (0.265 mi.) — AK294 — 780
Spill Number/Closed Date: 9501568 / 5/8/1995
Spill Number/Closed Date: 9508359 / 10/9/1995
Site ID: 266812
Site ID: 266813
Program Number: 9501568
Program Number: 9508359

NEVIN ST GARAGE — ***318 NEVINS ST*** — ***N 1/4 - 1/2 (0.309 mi.)*** — ***302*** — ***801***
Spill Number/Closed Date: 0306012 / 10/2/2003
Site ID: 164586
Program Number: 0306012

OLD POST OFFICE — ***124 2ND AVE*** — ***WSW 1/4 - 1/2 (0.354 mi.)*** — ***AP314*** — ***851***
Spill Number/Closed Date: 9704147 / 9/1/2003
Site ID: 156078
Program Number: 9704147

BROOKLYN WEST 06 DOS — ***127 2ND AVENUE*** — ***WSW 1/4 - 1/2 (0.379 mi.)*** — ***AP317*** — ***854***
Spill Number/Closed Date: 0012497 / 10/30/2003
Site ID: 154174
Program Number: 0012497

BROOKLYN NORTH 2 — ***11 2ND AVE*** — ***WSW 1/4 - 1/2 (0.381 mi.)*** — ***AP318*** — ***868***
Spill Number/Closed Date: 9214380 / 9/1/2003
Site ID: 296990
Program Number: 9214380

US POSTAL SERVICE - — ***138 2ND AVE*** — ***WSW 1/4 - 1/2 (0.383 mi.)*** — ***AP320*** — ***872***
D GAVER & SONS INC — ***267 DOUGLASS ST*** — ***NNE 1/4 - 1/2 (0.427 mi.)*** — ***337*** — ***918***
Spill Number/Closed Date: 8800904 / 10/2/1992
Site ID: 104086
Program Number: 8800904

State and tribal registered storage tank lists

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

A review of the NY UST list, as provided by EDR, and dated 07/29/2015 has revealed that there are 17 NY UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PEP BOYS #0247 Id/Status:: 2-032301	***354 4TH AVENUE***	***SE 0 - 1/8 (0.077 mi.)***	***F22***	***56***
PARKSIDE SERVICE CEN Id/Status:: 2-347353	***340 4TH AVENUE***	***ESE 0 - 1/8 (0.077 mi.)***	***H32***	***95***
343 4TH AVENUE Id/Status:: 2-608144	343 4TH AVENUE	SSE 0 - 1/8 (0.092 mi.)	F58	198
BP SS # 13397	***363 FOURTH AVENUE***	***SSE 0 - 1/8 (0.094 mi.)***	***F62***	***208***

Id/Status:: 2-401455				
U-HAUL CO OF METRO N Id/Status:: 2-083976	259 6TH STREET	S 0 - 1/8 (0.108 mi.)	K86	263
383-394 4TH AVE. Id/Status:: 2-603857	***383-393 4TH AVE 278***	***S 1/8 - 1/4 (0.140 mi.)***	***K152***	***432***
FIRE HOUSE ENGINE 23 Id/Status:: 2-600512	395 FOURTH AVENUE	S 1/8 - 1/4 (0.143 mi.)	K162	452
NORTH PETROLEUM CORP Id/Status:: 2-241849	***275 FOURTH AVE***	***ENE 1/8 - 1/4 (0.150 mi.)***	***Q171***	***473***
ROMAN CATHOLIC CHURC Id/Status:: 2-346667	***522 CARROLL ST***	***NE 1/8 - 1/4 (0.180 mi.)***	***T188***	***531***

Lower Elevation	Address	Direction / Distance	Map ID	Page
220 3RD STREET Id/Status:: 2-610369	220 3RD STREET	WNW 0 - 1/8 (0.084 mi.)	E40	161
WALTER UMLA LBR DIV Id/Status:: 2-001694	180 6TH STREET	WSW 0 - 1/8 (0.110 mi.)	I88	268
CLARIN TRUCK LEASING Id/Status:: 2-007552	312 3RD AVE	N 1/8 - 1/4 (0.139 mi.)	N151	427
SUNSET PARK MANUFACT Id/Status:: 2-600004	168 7TH STREET	SW 1/8 - 1/4 (0.148 mi.)	O169	465
MCIZ CORP. GARAGE & Id/Status:: 2-456101	15 2ND AVENUE	WNW 1/8 - 1/4 (0.193 mi.)	X218	606
FORMER GASOLINE SERV Id/Status:: 2-601933	***447 THIRD AVE***	***SW 1/8 - 1/4 (0.208 mi.)***	***U233***	***673***
160 3RD AVENUE Id/Status:: 2-480509 Id/Status:: 2-480657	***160 3RD AVENUE***	***NW 1/8 - 1/4 (0.209 mi.)***	***S240***	***690***
ACHIM IMPORTING CO. Id/Status:: 2-199133	58 SECOND AVENUE	W 1/8 - 1/4 (0.230 mi.)	AC269	749

NY MOSF UST: Major Oil Storage Facilities Database. Facilities are licensed pursuant to Article 12 of the Navigation Law, 6 NYCRR Part 610 and 17 NYCRR Part 30. These facilities may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater. Includes MOSF's licensed or closed since April 1, 1986, (responsibility was transferred from DOT on October 13, 1985) plus available data obtained from DOT facilities licensed since Article 12 became law on April 1, 1978.

A review of the NY MOSF UST list, as provided by EDR, and dated 01/01/2002 has revealed that there is 1 NY MOSF UST site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
BAYSIDE FUEL OIL DEP	510 SACKETT ST.	N 1/4 - 1/2 (0.397 mi.)	AT326	904

EXECUTIVE SUMMARY

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

A review of the NY CBS list, as provided by EDR, and dated 07/29/2015 has revealed that there is 1 NY CBS site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PEP BOYS #0247 Facility Status: Unregulated/Closed CBS Number: 2-000417	***354 4TH AVE***	***SE 0 - 1/8 (0.077 mi.)***	***F23***	***70***

NY MOSF: These facilities may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

A review of the NY MOSF list, as provided by EDR, and dated 07/29/2015 has revealed that there is 1 NY MOSF site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
BAYSIDE FUEL OIL DEP Tank Status: Inactive Facility Id: 2-1220	***510 SACKETT ST***	***N 1/4 - 1/2 (0.397 mi.)***	***AT325***	***898***

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

A review of the NY AST list, as provided by EDR, and dated 07/29/2015 has revealed that there are 27 NY AST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PEP BOYS #0247 Facility Id: 2-032301	354 4TH AVENUE	SE 0 - 1/8 (0.077 mi.)	F26	76
SUSAN MAINTENANCE CO Facility Id: 2-611328	374 4TH AVE	SSE 0 - 1/8 (0.080 mi.)	F34	146
383-394 4TH AVE. Facility Id: 2-603857	***383-393 4TH AVE 278***	***S 1/8 - 1/4 (0.140 mi.)***	***K152***	***432***
FIRE HOUSE ENGINE 23 Facility Id: 2-600512	***395 FOURTH AVENUE***	***S 1/8 - 1/4 (0.143 mi.)***	***K161***	***447***
NORTH PETROLEUM CORP Facility Id: 2-241849	***275 FOURTH AVE***	***ENE 1/8 - 1/4 (0.150 mi.)***	***Q171***	***473***
288 SIXTH LLC Facility Id: 2-611564	288 SIXTH ST	SSE 1/8 - 1/4 (0.154 mi.)	R173	488
505 CARROLL ST. Facility Id: 2-602516	505 CARROLL STREET	NE 1/8 - 1/4 (0.178 mi.)	T186	527
274-84 SEVENTH AVE. Facility Id: 2-611617	274 7TH AVE & 476 6T	S 1/8 - 1/4 (0.185 mi.)	R196	544
PUBLIC SCHOOL 763 - Facility Id: 2-219983	211 8TH STREET	S 1/8 - 1/4 (0.200 mi.)	W226	633
318 6TH STREET	318 6TH STREET	SSE 1/8 - 1/4 (0.205 mi.)	AA231	671

Facility Id: 2-610437				
322 SIXTH ST OWNERS Facility Id: 2-250821	***322 SIXTH STREET***	***SSE 1/8 - 1/4 (0.212 mi.)***	***AA247***	***707***
256 SOUTH 4TH STREET Facility Id: 2-608128	256 SOUTH 4TH STREET	NE 1/8 - 1/4 (0.217 mi.)	Z251	715
276 3RD AVENUE Facility Id: 2-608461	276 THIRD AVENUE	NNE 1/8 - 1/4 (0.220 mi.)	AE254	719
L.L.L. AUTO REPAIR I Facility Id: 2-610816	528 PRESIDENT STREET	NNE 1/8 - 1/4 (0.224 mi.)	AE259	725
2 FAMILY HOUSE Facility Id: 2-201928	557 CARROLL ST	ENE 1/8 - 1/4 (0.225 mi.)	Z262	729
L&B AUTO REPAIR CORP Facility Id: 2-606714	245 4TH AVENUE	ENE 1/8 - 1/4 (0.226 mi.)	Z263	731
TOP NOTCH AUTO REPAI Facility Id: 2-609222	204 9TH STREET	SW 1/8 - 1/4 (0.233 mi.)	AG272	755
RIDGE COMPLETE AUTO Facility Id: 2-611243	264 THIRD AVENUE	NNE 1/8 - 1/4 (0.246 mi.)	AE287	771

Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
PARK SLOPE U-HAUL RE Facility Id: 2-612146	389 3RD AVENUE	WSW 0 - 1/8 (0.055 mi.)	C12	22
S. MILLER INC. Facility Id: 2-286397	200 SIXTH STREET	WSW 0 - 1/8 (0.102 mi.)	I80	251
R C C OF OUR LADY OF Facility Id: 2-267562	201 1ST AVENUE	NE 0 - 1/8 (0.106 mi.)	D82	254
SAMBA TRANSMISSION A Facility Id: 2-611261	424 3RD AVE	SW 1/8 - 1/4 (0.129 mi.)	I144	414
SUNSET PARK MANUFACT Facility Id: 2-600004	168 7TH STREET	SW 1/8 - 1/4 (0.148 mi.)	O168	463
NEW MILLENNIUM MOTOR Facility Id: 2-611336	436 3RD AVENUE	SW 1/8 - 1/4 (0.159 mi.)	O176	505
MCIZ CORP. GARAGE & Facility Id: 2-456101	15 2ND AVENUE	WNW 1/8 - 1/4 (0.193 mi.)	X217	602
160 7TH STREET Facility Id: 2-610494	119 8TH STREET	WSW 1/8 - 1/4 (0.201 mi.)	Y227	635
WORLD WIDE TOURS Facility Id: 2-611295	33 2ND AVENUE	W 1/8 - 1/4 (0.209 mi.)	AC237	684

State and tribal institutional control / engineering control registries

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

A review of the NY ENG CONTROLS list, as provided by EDR, and dated 06/26/2015 has revealed that there is 1 NY ENG CONTROLS site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
WHOLE FOODS SITE Site Code: 333299	***210, 212, 220 3RD ST***	***WNW 0 - 1/8 (0.076 mi.)***	***E15***	***30***

Environmental Remediation sites that have institutional controls in place.

A review of the NY INST CONTROL list, as provided by EDR, and dated 06/26/2015 has revealed that there is 1 NY INST CONTROL site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
WHOLE FOODS SITE Site Code: 333299	***210, 212, 220 3RD ST***	***WNW 0 - 1/8 (0.076 mi.)***	***E15***	***30***

State and tribal voluntary cleanup sites

NY VCP: Voluntary Cleanup Agreements. The voluntary remedial program uses private monies to get contaminated sites remediated to levels allowing for the sites' productive use. The program covers virtually any kind of site and contamination.

A review of the NY VCP list, as provided by EDR, and dated 06/26/2015 has revealed that there are 2 NY VCP sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
METROPOLITAN Site Code: 57308	124-136 SECOND AVE	WSW 1/4 - 1/2 (0.354 mi.)	AP315	853
USPS GOWANUS SITE, F Site Code: 58108	2ND AVENUE AND 12TH	WSW 1/4 - 1/2 (0.425 mi.)	AW336	918

State and tribal Brownfields sites

NY BROWNFIELDS: Brownfields Site List

A review of the NY BROWNFIELDS list, as provided by EDR, and dated 06/26/2015 has revealed that there are 15 NY BROWNFIELDS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
425 HOYT STREET Site Code: 507652	419-429 HOYT STREET	WNW 1/4 - 1/2 (0.398 mi.)	AS327	906
FORMER STRAUSS AUTO Site Code: 493274	521-539 4TH AVENUE	SSW 1/4 - 1/2 (0.486 mi.)	349	942

Lower Elevation	Address	Direction / Distance	Map ID	Page
WHOLE FOODS SITE Site Code: 333299	***210, 212, 220 3RD ST***	***WNW 0 - 1/8 (0.076 mi.)***	***E15***	***30***
175-225 3RD STREET	175-225 3RD STREET	NW 1/8 - 1/4 (0.162 mi.)	S178	508

Site Code: 504582				
22-36 SECOND AVENUE Site Code: 507964	22-36 SECOND AVENUE	W 1/8 - 1/4 (0.197 mi.)	X224	632
GOWANUS VILLAGE I, L Site Code: 356610	***420 CARROLL STREET***	***NNW 1/8 - 1/4 (0.215 mi.)***	***AD249***	***712***
GOWANUS VILLAGE I, L Site Code: 332623	430 CARROLL ST/153 2	NNW 1/8 - 1/4 (0.215 mi.)	AD250	714
473 PRESIDENT STREET Site Code: 507634	473 PRESIDENT STREET	N 1/4 - 1/2 (0.257 mi.)	AK292	778
388 CARROLL STREET A Site Code: 478612	388 CARROLL STREET A	NNW 1/4 - 1/2 (0.294 mi.)	AL298	792
TOLL BROOKLYN, LP Site Code: 348572	64-98 1ST ST; 82-107	NW 1/4 - 1/2 (0.304 mi.)	AM300	795
365 BOND STREET Site Code: 478842	***365 BOND STREET***	***NW 1/4 - 1/2 (0.305 mi.)***	***AM301***	***796***
335 BOND STREET Site Code: 507653	335 BOND STREET	NNW 1/4 - 1/2 (0.339 mi.)	AO310	845
K - METROPOLITAN MGP Site Code: 57384	***124-136 SECOND AVE***	***WSW 1/4 - 1/2 (0.354 mi.)***	***AP313***	***848***
560 DEGRAW STREET Site Code: 507650	560 DEGRAW STREET	NNE 1/4 - 1/2 (0.382 mi.)	AQ319	871
450 UNION STREET Site Code: 507633	450 UNION STREET	NNW 1/4 - 1/2 (0.387 mi.)	323	890

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

Registered Recycling Facility List from the Department of Environmental Conservation.

A review of the NY SWRCY list, as provided by EDR, and dated 06/24/2015 has revealed that there are 3 NY SWRCY sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
RINALDI RECYCLING CO	326 DOUGLASS STREET	NE 1/4 - 1/2 (0.425 mi.)	334	915
Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
SIXTH STREET IRON AN	***163 6TH STREET***	***WSW 0 - 1/8 (0.112 mi.)***	***I91***	***272***
U.S. RECYCLING; INC.	***141 6TH STREET***	***WSW 0 - 1/8 (0.123 mi.)***	***I141***	***402***

EXECUTIVE SUMMARY

Local Lists of Hazardous waste / Contaminated Sites

NY DEL SHWS: A database listing of sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites.

A review of the NY DEL SHWS list, as provided by EDR, and dated 06/26/2015 has revealed that there is 1 NY DEL SHWS site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CARROLL GARDENS Site Code Id: 224012	CORNER OF 5TH STREET	WNW 1/2 - 1 (0.511 mi.)	353	964

Local Lists of Registered Storage Tanks

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

A review of the NY HIST UST list, as provided by EDR, and dated 01/01/2002 has revealed that there are 13 NY HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PEP BOYS #0247 Facility Status: 2 PBS Number: 2-032301 Tank Status: 3	***354 4TH AVENUE***	***SE 0 - 1/8 (0.077 mi.)***	***F22***	***56***
PARKSIDE SERVICE CEN Facility Status: 2 PBS Number: 2-347353 Tank Status: 4	***340 4TH AVENUE***	***ESE 0 - 1/8 (0.077 mi.)***	***H32***	***95***
BP SS # 13397 Facility Status: 1 PBS Number: 2-401455 Tank Status: 6	***363 FOURTH AVENUE***	***SSE 0 - 1/8 (0.094 mi.)***	***F62***	***208***
THIRD AVENUE YARD Facility Status: 1 PBS Number: 2-452726 Tank Status: 3	***222 FIRST STREET***	***ENE 0 - 1/8 (0.113 mi.)***	***L115***	***353***
FERRANTINO & CO.INC. Facility Status: 1 PBS Number: 2-603857 Tank Status: 1	389 FOURTH AVENUE	S 1/8 - 1/4 (0.133 mi.)	K147	417
FIRE HOUSE ENGINE 23 Facility Status: 2 PBS Number: 2-600512 Tank Status: 4	***395 FOURTH AVENUE***	***S 1/8 - 1/4 (0.143 mi.)***	***K161***	***447***
R C C OF OUR LADY OF Facility Status: 1 PBS Number: 2-267562	522 CARROLL ST	NE 1/8 - 1/4 (0.180 mi.)	T187	529

Tank Status: 1

ROMAN CATHOLIC CHURC	***522 CARROLL ST***	***NE 1/8 - 1/4 (0.180 mi.)***	***T188***	***531***
Facility Status: 1 PBS Number: 2-346667 Tank Status: 1				

Lower Elevation	Address	Direction / Distance	Map ID	Page
B & H OVERWEAR CORP	***168 7TH STREET***	***SW 1/8 - 1/4 (0.148 mi.)***	***O167***	***461***
Facility Status: 1 PBS Number: 2-600004 Tank Status: 1				
MCIZ CORP.	***15 2ND AVENUE***	***WNW 1/8 - 1/4 (0.193 mi.)***	***X220***	***617***
Facility Status: 1 PBS Number: 2-456101 Tank Status: 4 Tank Status: 3				
FORMER GASOLINE SERV	***447 THIRD AVE***	***SW 1/8 - 1/4 (0.208 mi.)***	***U233***	***673***
Facility Status: 2 PBS Number: 2-601933 Tank Status: 3				
160 3RD STREET	160 3RD STREET	NW 1/8 - 1/4 (0.209 mi.)	S239	688
Facility Status: 2 PBS Number: 2-480509 Tank Status: 4				
160 3RD AVENUE	***160 3RD AVENUE***	***NW 1/8 - 1/4 (0.209 mi.)***	***S240***	***690***
Facility Status: 2 PBS Number: 2-480657 Tank Status: 6				

Records of Emergency Release Reports

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

A review of the NY Spills list, as provided by EDR, and dated 07/21/2015 has revealed that there are 73 NY Spills sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
3RD AVE YARD	3RD AVE YARD	NE 0 - 1/8 (0.065 mi.)	D14	26
Spill Number/Closed Date: 9702955 / 2/28/2003 Spill Number/Closed Date: 1003520 / 10/18/2010 Spill Number/Closed Date: 9514611 / 1/31/2003 spillno: 1003520 spillno: 9514611 spillno: 9702955 Site ID: 436752 Site ID: 281779 Site ID: 281782				
CONSTRUCTION SITE	370 4TH AVE	SSE 0 - 1/8 (0.076 mi.)	F17	46

Spill Number/Closed Date: 0502332 / 9/27/2012
Spill Number/Closed Date: 0509762 / 3/9/2006
spillno: 0502332
spillno: 0509762
Site ID: 346674
Site ID: 355591

CONSTRUCTION SITE Spill Number/Closed Date: 1302908 / 6/17/2013 spillno: 1302908 Site ID: 483360	340 4TH AVE	ESE 0 - 1/8 (0.077 mi.)	H20	53
PAVEMENT Spill Number/Closed Date: 1411951 / 3/23/2015 spillno: 1411951 Site ID: 505756	354 FOURTH AVE	SE 0 - 1/8 (0.077 mi.)	F21	55
PEP BOYS #0247 Spill Number/Closed Date: 9800967 / 3/19/2002 spillno: 9800967 Site ID: 72114	***354 4TH AVE***	***SE 0 - 1/8 (0.077 mi.)***	***F23***	***70***
MANHOLE #5437 Spill Number/Closed Date: 0408640 / 12/27/2005 spillno: 0408640 Site ID: 333533	358 4TH AVE	SE 0 - 1/8 (0.077 mi.)	F29	86
340 4TH AVE - BKLN Spill Number/Closed Date: 0704349 / Not Reported Spill Number/Closed Date: 0801262 / 5/1/2008 Spill Number/Closed Date: 8911553 / 3/8/1990 spillno: 0704349 spillno: 0801262 spillno: 8911553 Site ID: 384480 Site ID: 397156 Site ID: 244057	340 4TH AVE	ESE 0 - 1/8 (0.077 mi.)	H31	88
THREE OZ IN U/G STRU Spill Number/Closed Date: 0705578 / 9/20/2007 spillno: 0705578 Site ID: 385913	IN FRONT OF 225 6 ST	SSW 0 - 1/8 (0.082 mi.)	B35	151
CRAB COMPARTMENT OPP Spill Number/Closed Date: 0511044 / 2/24/2006 spillno: 0511044 Site ID: 357124	240 6 STREET	SSW 0 - 1/8 (0.085 mi.)	B44	169
100-2819 6TH ST Spill Number/Closed Date: 9412817 / 1/3/1995 spillno: 9412817 Site ID: 218610	100-2819 6TH ST	SSW 0 - 1/8 (0.085 mi.)	B45	171
222 1ST STREET Spill Number/Closed Date: 9501055 / 7/16/2004 spillno: 9501055 Site ID: 201439	CON EDSION	ENE 0 - 1/8 (0.087 mi.)	D48	175
SIX GAL HYDRAULIC FL Spill Number/Closed Date: 0705772 / 11/8/2007 spillno: 0705772	222 FIRST STREET & 3	ENE 0 - 1/8 (0.087 mi.)	D49	176

Site ID: 386143				
VEHICLE 60677 Spill Number/Closed Date: 0512797 / 4/12/2006 spillno: 0512797 Site ID: 359174	THIRD AVE YARD	ENE 0 - 1/8 (0.087 mi.)	D50	178
OIL LEAK FROM VEHICL Spill Number/Closed Date: 0508341 / 11/25/2005 spillno: 0508341 Site ID: 353906	222 FIRST ST AT 3 AV	ENE 0 - 1/8 (0.087 mi.)	D51	179
3 QT ANTI-FREEZE FRO Spill Number/Closed Date: 0711576 / 5/12/2008 spillno: 0711576 Site ID: 393082	222 FIRST ST. CON ED	ENE 0 - 1/8 (0.087 mi.)	D52	180
HYDRAULIC OIL Spill Number/Closed Date: 0505767 / 8/11/2005 spillno: 0505767 Site ID: 350857	3 AVE YARD NEW CONST	ENE 0 - 1/8 (0.087 mi.)	D53	181
VAULT 5326 Spill Number/Closed Date: 0102124 / 6/19/2001 spillno: 0102124 Site ID: 96647	238 6TH ST AND 3RD A	SSW 0 - 1/8 (0.092 mi.)	J57	197
SPILL NUMBER 0206010 Spill Number/Closed Date: 0206010 / 1/21/2003 spillno: 0206010 Site ID: 243470	343 4TH AVE	SSE 0 - 1/8 (0.092 mi.)	F59	204
COMMERCIAL BUSINESS Spill Number/Closed Date: 1106694 / Not Reported spillno: 1106694 Site ID: 454379	362 FOURTH AVE	SE 0 - 1/8 (0.099 mi.)	F77	244
315 4TH AVE Spill Number/Closed Date: 9814678 / 3/26/1999 spillno: 9814678 Site ID: 186475	315 4TH AVENUE	ESE 0 - 1/8 (0.099 mi.)	H78	245
220 1ST STREET Spill Number/Closed Date: 9207274 / 9/19/2008 spillno: 9207274 Site ID: 153446	220 1ST STREET	NE 0 - 1/8 (0.112 mi.)	L89	270
3RD AVE YARD Spill Number/Closed Date: 9911979 / 2/23/2000 spillno: 9911979 Site ID: 177460	221 1ST ST	NE 0 - 1/8 (0.112 mi.)	D90	271
3RD AV YARD Spill Number/Closed Date: 9603338 / 8/22/1996 Spill Number/Closed Date: 9614742 / 3/25/1997 Spill Number/Closed Date: 0007860 / 12/14/2001 spillno: 0007860 spillno: 9603338 spillno: 9614742 Site ID: 263128 Site ID: 276609 Site ID: 263136	222 FIRST STREET	ENE 0 - 1/8 (0.113 mi.)	L93	275
CON ED WORK / 3RD AV	222 1ST ST	ENE 0 - 1/8 (0.113 mi.)	L94	279

Spill Number/Closed Date: 1301088 / 7/10/2013
spillno: 1301088
Site ID: 481453

CON-ED THIRD AVE YAR — 222 FIRST ST — ENE 0 - 1/8 (0.113 mi.) — L96 — 281
Spill Number/Closed Date: 1110305 / 1/17/2012
spillno: 1110305
Site ID: 458118

3RD AVE YARD CON ED — 222 FIRST STREET — ENE 0 - 1/8 (0.113 mi.) — L98 — 283
Spill Number/Closed Date: 9801934 / 6/12/1998
spillno: 9801934
Site ID: 263141

LEAK FROM VEHICLE IN — 222 FIRST STREET — ENE 0 - 1/8 (0.113 mi.) — L100 — 287
Spill Number/Closed Date: 0514637 / 6/14/2006
spillno: 0514637
Site ID: 361408

FLUSH PIT — 222 FIRST STREET — ENE 0 - 1/8 (0.113 mi.) — L101 — 288
Spill Number/Closed Date: 9807969 / 12/30/2002
spillno: 9807969
Site ID: 276613

VEHICLE 60722 LOST H — 222 FIRST STREET — ENE 0 - 1/8 (0.113 mi.) — L102 — 290
Spill Number/Closed Date: 0514814 / 1/10/2008
spillno: 0514814
Site ID: 361624

CON ED YARD — 222 FIRST ST — ENE 0 - 1/8 (0.113 mi.) — L103 — 291
Spill Number/Closed Date: 1105608 / 10/4/2011
spillno: 1105608
Site ID: 453268

THIRD AVE YARD — ***222 FIRST STREET*** — ***ENE 0 - 1/8 (0.113 mi.)*** — ***L104*** — ***292***
Spill Number/Closed Date: 9706833 / 9/10/1997
Spill Number/Closed Date: 9607770 / 5/27/1998
Spill Number/Closed Date: 9703946 / 2/28/2003
Spill Number/Closed Date: 9415797 / 2/13/1998
Spill Number/Closed Date: 1114458 / 5/10/2012
spillno: 0110159
spillno: 0408750
spillno: 1114458
spillno: 9415797
spillno: 9607770
**Additional key fields are available in the Map Findings section*
Site ID: 263575
Site ID: 333489
Site ID: 462517
Site ID: 201957
Site ID: 276610
**Additional key fields are available in the Map Findings section*

CON ED FACILITY — 222 FIRST STREET — ENE 0 - 1/8 (0.113 mi.) — L105 — 300
Spill Number/Closed Date: 9811783 / 2/14/2003
spillno: 9811783
Site ID: 263579

3RD AVE YARD — 222 FIRST ST — ENE 0 - 1/8 (0.113 mi.) — L106 — 301
Spill Number/Closed Date: 1005426 / 9/17/2010
Spill Number/Closed Date: 9704814 / 7/22/1997

Spill Number/Closed Date: 0202384 / 8/21/2002
Spill Number/Closed Date: 0202342 / 6/6/2002
Spill Number/Closed Date: 0002672 / 9/25/2001
spillno: 0002672
spillno: 0012324
spillno: 0202342
spillno: 0202384
spillno: 0210359
Additional key fields are available in the Map Findings section
Site ID: 263127
Site ID: 263129
Site ID: 276607
Site ID: 263130
Site ID: 263131
Additional key fields are available in the Map Findings section

3RD AVENUE YARD — 222 FIRST STREET — ENE 0 - 1/8 (0.113 mi.) — L107 — 307
Spill Number/Closed Date: 9714230 / 5/13/1998
spillno: 9714230
Site ID: 263578

CON ED 3RD AV YARD — 222 FIRST STREET — ENE 0 - 1/8 (0.113 mi.) — L108 — 308
Spill Number/Closed Date: 9913132 / 2/18/2000
spillno: 9913132
Site ID: 263145

3RD AVE SERVICE YARD — 222 FIRST STREET — ENE 0 - 1/8 (0.113 mi.) — L110 — 311
Spill Number/Closed Date: 9801450 / 10/30/2002
spillno: 9801450
Site ID: 263140

CON EDISON — 222 FIRST STREET — ENE 0 - 1/8 (0.113 mi.) — L111 — 313
Spill Number/Closed Date: 9510404 / 11/20/1995
spillno: 9510404
Site ID: 299101

THIRD AVENUE YARD — ***222 FIRST STREET*** — ***ENE 0 - 1/8 (0.113 mi.)*** — ***L115*** — ***353***
Spill Number/Closed Date: 0203307 / Not Reported
spillno: 0203307
Site ID: 263576

CONSOLIDATED EDISON — ***222 1ST ST*** — ***ENE 0 - 1/8 (0.113 mi.)*** — ***L116*** — ***364***
Spill Number/Closed Date: 9808009 / Not Reported
Spill Number/Closed Date: 0807096 / 11/17/2008
Spill Number/Closed Date: 0103423 / 8/27/2001
Spill Number/Closed Date: 1000930 / 5/21/2010
Spill Number/Closed Date: 0813445 / 6/3/2009
spillno: 0103423
spillno: 0211413
spillno: 0807096
spillno: 0813445
spillno: 1000930
Additional key fields are available in the Map Findings section
Site ID: 116910
Site ID: 116911
Site ID: 404414
Site ID: 411134
Site ID: 433623
Additional key fields are available in the Map Findings section

3 RD AVE YARD — 222 1RST ST — ENE 0 - 1/8 (0.113 mi.) — L117 — 372

Spill Number/Closed Date: 1502673 / Not Reported
spillno: 1502673
Site ID: 508953

FIVE GALLONS OF OIL Spill Number/Closed Date: 0604245 / Not Reported Spill Number/Closed Date: 0512763 / 4/12/2006 spillno: 0512763 spillno: 0604245 Site ID: 359135 Site ID: 367178	222 1 STREET	ENE 0 - 1/8 (0.113 mi.)	L118	374
CON ED Spill Number/Closed Date: 1104942 / 9/7/2011 spillno: 1104942 Site ID: 452560	222 FIRST ST	ENE 0 - 1/8 (0.113 mi.)	L119	376
CON EDISON GARAGE Spill Number/Closed Date: 0602266 / 10/5/2006 spillno: 0602266 Site ID: 364698	222 FIRST STREET	ENE 0 - 1/8 (0.113 mi.)	L120	377
CON ED STATION Spill Number/Closed Date: 1205717 / 3/8/2013 spillno: 1205717 Site ID: 468682	222 FIRST STREET	ENE 0 - 1/8 (0.113 mi.)	L122	379
3 AVE YARD Spill Number/Closed Date: 0513083 / 4/21/2006 spillno: 0513083 Site ID: 359500	222 FIRST STREET	ENE 0 - 1/8 (0.113 mi.)	L123	381
SERVICE BOX 3RD AVE Spill Number/Closed Date: 9907981 / 1/30/2002 spillno: 9907981 Site ID: 299104	222 FIRST STREET	ENE 0 - 1/8 (0.113 mi.)	L124	382
YARD Spill Number/Closed Date: 1105298 / 10/28/2011 spillno: 1105298 Site ID: 452947	222 FIRST STREET	ENE 0 - 1/8 (0.113 mi.)	L125	383
3RD AV YARD INFO STO Spill Number/Closed Date: 0105268 / 8/15/2001 spillno: 0105268 Site ID: 243216	M 222 1ST ST	ENE 0 - 1/8 (0.113 mi.)	L126	384
COOLANT RELEASE FROM Spill Number/Closed Date: 0700220 / 5/23/2007 spillno: 0700220 Site ID: 379559	222 1 STREET (THIRD	NE 0 - 1/8 (0.114 mi.)	L128	386

Lower Elevation	Address	Direction / Distance	Map ID	Page
BELL ATLANTIC Spill Number/Closed Date: 9714099 / 4/29/1998 spillno: 9714099 Site ID: 81623	3RD AVE/3RD ST	NW 0 - 1/8 (0.048 mi.)	A5	15
THIRD AVENUE YARD Spill Number/Closed Date: 9608854 / 12/30/2003	3RD AVE/3RD ST	NW 0 - 1/8 (0.048 mi.)	A7	16

spillno: 9608854 Site ID: 197847				
GOWANS CANAL Spill Number/Closed Date: 0611431 / 1/16/2007 spillno: 0611431 Site ID: 376125	386 3RD AVE	WSW 0 - 1/8 (0.050 mi.)	C9	20
OUTSIDE Spill Number/Closed Date: 1405008 / Not Reported spillno: 1405008 Site ID: 498414	225 THIRD STREET	NW 0 - 1/8 (0.056 mi.)	A13	24
2ND & 3RD AVE Spill Number/Closed Date: 9914001 / 8/8/2003 spillno: 9914001 Site ID: 126958	2ND & 3RD AVE	N 0 - 1/8 (0.076 mi.)	G18	51
MAN HOLE 5354 Spill Number/Closed Date: 1006176 / 9/24/2010 spillno: 1006176 Site ID: 439522	3RD AND AVE AND 2ND	N 0 - 1/8 (0.077 mi.)	G19	52
UNOCCUPIED SITE Spill Number/Closed Date: 0501334 / 5/16/2005 spillno: 0501334 Site ID: 344533	220 3RD STREET	WNW 0 - 1/8 (0.084 mi.)	E41	164
FLUSHPIT 3RD AVE YAR Spill Number/Closed Date: 0009168 / 11/14/2000 spillno: 0009168 Site ID: 263574	222 FIRST STREET	NNE 0 - 1/8 (0.087 mi.)	D46	172
THIRD AV YARD Spill Number/Closed Date: 0001798 / 6/20/2000 spillno: 0001798 Site ID: 276606	222 FIRST STREET	NNE 0 - 1/8 (0.087 mi.)	D47	174
6TH ST BETW 2ND & 3R Spill Number/Closed Date: 9000178 / 4/5/1990 spillno: 9000178 Site ID: 112473	6TH ST BETW 2ND & 3R	SW 0 - 1/8 (0.095 mi.)	I66	228
VAULT 5131 Spill Number/Closed Date: 0201892 / 1/12/2004 spillno: 0201892 Site ID: 260001	6TH ST/3RD AVE	SW 0 - 1/8 (0.096 mi.)	I67	229
TWO OUNCES OIL IN MA Spill Number/Closed Date: 0705097 / 8/20/2007 spillno: 0705097 Site ID: 385372	6 STREET & 3 AVENUE	SW 0 - 1/8 (0.096 mi.)	I69	233
DRUM RUN Spill Number/Closed Date: 0810418 / 12/18/2008 spillno: 0810418 Site ID: 407938	3RD AVE & 6TH ST	SW 0 - 1/8 (0.096 mi.)	I73	240
MH # 5357 HAS 1 QT O Spill Number/Closed Date: 0803539 / 8/5/2008 spillno: 0803539 Site ID: 400295	3 AVENUE & 6 STREET	SW 0 - 1/8 (0.096 mi.)	I74	241
VAULT 5326	6TH ST/3RD AVE	SW 0 - 1/8 (0.096 mi.)	I75	242

Spill Number/Closed Date: 0201894 / 4/21/2003 spillno: 0201894 Site ID: 260002				
180 1ST ST/FT WASHIN Spill Number/Closed Date: 9002384 / 5/31/1990 spillno: 9002384 Site ID: 91563	180 1ST ST/FT WASHIN	NNE 0 - 1/8 (0.104 mi.)	G81	253
186 6TH ST. APT BLDG Spill Number/Closed Date: 9302013 / 5/12/1993 spillno: 9302013 Site ID: 108299	186 6TH ST	WSW 0 - 1/8 (0.108 mi.)	I87	266
MANHOLE 5392 Spill Number/Closed Date: 0406246 / 11/12/2004 spillno: 0406246 Site ID: 103218	168 6TH ST	WSW 0 - 1/8 (0.115 mi.)	I130	389
3RD AVE SERVICE CENT Spill Number/Closed Date: 9608437 / 9/2/2004 spillno: 9608437 Site ID: 203791	3RD AVE & 1ST ST	N 0 - 1/8 (0.116 mi.)	G131	390
THIRD AVENUE YARD Spill Number/Closed Date: 9605550 / 5/4/1998 spillno: 9605550 Site ID: 73086	THIRD AVENUE & FIRST	N 0 - 1/8 (0.116 mi.)	G133	392
MANHOLE # 65435 Spill Number/Closed Date: 0502530 / 8/17/2005 spillno: 0502530 Site ID: 346909	3RD AVE/1ST STREET	N 0 - 1/8 (0.116 mi.)	G134	393
222 1ST ST Spill Number/Closed Date: 9803310 / 8/6/1998 spillno: 9803310 Site ID: 281783	3RD AVE YARD	N 0 - 1/8 (0.118 mi.)	N136	396
3RD AVE YARD Spill Number/Closed Date: 9702275 / 2/25/2003 Spill Number/Closed Date: 9514614 / 2/24/2003 spillno: 9514614 spillno: 9702275 Site ID: 281780 Site ID: 281781	3RD AVE YARD	N 0 - 1/8 (0.118 mi.)	N137	397
U.S. RECYCLING; INC. Spill Number/Closed Date: 9204442 / 7/31/1992 spillno: 9204442 Site ID: 202525	***141 6TH STREET***	***WSW 0 - 1/8 (0.123 mi.)***	***I141***	***402***

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or

dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 03/10/2015 has revealed that there are 47 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
U-HAUL MAINTENANCE &	***213 6TH ST & 3RD AVE***	***SSW 0 - 1/8 (0.041 mi.)***	***B2***	***9***
V5326	213 6TH STREET	SSW 0 - 1/8 (0.041 mi.)	B4	14
BROOKLYN IGNITION &	***370 4TH AVE***	***SSE 0 - 1/8 (0.076 mi.)***	***F16***	***43***
PEP BOYS 247	***354 4TH AVE***	***SE 0 - 1/8 (0.077 mi.)***	***F25***	***72***
MAACO AUTO PAINTING	***358 FOURTH AVE***	***SE 0 - 1/8 (0.077 mi.)***	***F27***	***78***
CON EDISON - MANHOLE	***358 4TH AVE***	***SE 0 - 1/8 (0.077 mi.)***	***F28***	***83***
NYC DEP	***240 6TH ST***	***SSW 0 - 1/8 (0.084 mi.)***	***B43***	***167***
BRIDGE FORD	***343 4TH AVE***	***SSE 0 - 1/8 (0.092 mi.)***	***F60***	***205***
KAM SERVICE CENTER I	***363 4TH AVE***	***SSE 0 - 1/8 (0.094 mi.)***	***F63***	***225***
JNB PRINTING & LITHO	***244 26TH ST***	***SSW 0 - 1/8 (0.100 mi.)***	***J79***	***246***
U-HAUL CORP	***259 6TH ST - PARK SL***	***S 0 - 1/8 (0.108 mi.)***	***K84***	***258***
TK60446	***3RD. AVE YARD***	***ENE 0 - 1/8 (0.113 mi.)***	***L99***	***284***
TM439	***222 1ST STREET***	***ENE 0 - 1/8 (0.113 mi.)***	***L113***	***349***
CON EDISON MANHOLE:	***267 6TH ST***	***S 1/8 - 1/4 (0.129 mi.)***	***K143***	***412***
MAACO AUTO PAINTING	***296 4TH AVE & 1ST ST***	***ENE 1/8 - 1/4 (0.136 mi.)***	***L149***	***420***
CON EDISON SERVICE B	***296 6TH ST***	***SSE 1/8 - 1/4 (0.167 mi.)***	***R182***	***519***
FALCON-Z PRINTING	***165 8TH ST***	***SW 1/8 - 1/4 (0.181 mi.)***	***U193***	***540***
CON EDISON MANHOLE:	540 CARROLL ST	NE 1/8 - 1/4 (0.188 mi.)	T201	552
CON EDISON SERVICE B	9 GARFIELD ST	ENE 1/8 - 1/4 (0.189 mi.)	Q204	555
AUTO BODY CONCEPTS D	270 4TH AVE	ENE 1/8 - 1/4 (0.193 mi.)	Z214	598
CON EDISON SERVICE B	298 5TH ST	SE 1/8 - 1/4 (0.193 mi.)	AA216	601
NYCDOT BRIDGE BIN 22	PRESIDENT ST BRG OVE	NE 1/8 - 1/4 (0.221 mi.)	Z255	722
CON EDISON SERVICE B	207 9TH ST	SSW 1/8 - 1/4 (0.227 mi.)	AG266	735
CON EDISON MANHOLE 5	***3RD AVE & 9TH ST NW***	***SW 1/8 - 1/4 (0.236 mi.)***	***AI278***	***765***

Lower Elevation	Address	Direction / Distance	Map ID	Page
VERIZON LOG 31756 MA	3RD ST & 3RD AVE	NW 0 - 1/8 (0.048 mi.)	A6	16
CON EDISON VAULT SUB	***213 3RD ST***	***NW 0 - 1/8 (0.082 mi.)***	***E36***	***152***
216 3RD STREET	***216 3RD ST***	***WNW 0 - 1/8 (0.084 mi.)***	***E42***	***165***
CON EDISON SERVICE B	***210 3RD ST***	***NW 0 - 1/8 (0.092 mi.)***	***E56***	***195***
CON EDISON SERVICE B	***198 3RD ST***	***NW 0 - 1/8 (0.115 mi.)***	***E129***	***387***
CON EDISON MANHOLE:	141 6TH ST	WSW 0 - 1/8 (0.123 mi.)	I140	401
GIUSEPPE & SONS INC	***414 3RD AVE***	***SW 0 - 1/8 (0.123 mi.)***	***I142***	***403***
FINEST AUTO & RECOVE	***310 3RD AVE***	***NNE 1/8 - 1/4 (0.141 mi.)***	***N155***	***439***
FALCONZ PRINTING	186 SEVENTH ST	SW 1/8 - 1/4 (0.145 mi.)	O164	457
NEW YORK TELEPHONE C	***175 THIRD ST***	***NW 1/8 - 1/4 (0.162 mi.)***	***S179***	***510***
FERRARO COLLISION IN	***442 3RD AVE***	***SW 1/8 - 1/4 (0.180 mi.)***	***O189***	***534***
NYSDOT 3RD ST BRIDGE	3RD ST BRG OVER GOWA	NW 1/8 - 1/4 (0.184 mi.)	S195	543
JO-LEE TRUCKING	463 CARROLL ST	N 1/8 - 1/4 (0.186 mi.)	V197	546
CON ED - MH 65436	***3RD AVE & 8TH ST***	***SW 1/8 - 1/4 (0.188 mi.)***	***U199***	***549***
CON EDISON	3RD AVE & 8TH ST	SW 1/8 - 1/4 (0.188 mi.)	U200	551
YOO CLEANERS INC DBA	149 7TH AVE	WSW 1/8 - 1/4 (0.191 mi.)	Y208	592
CON EDISON SERVICE B	***2 2ND AVE FRONT OF***	***WNW 1/8 - 1/4 (0.192 mi.)***	***X210***	***594***
NYC DEPT OF SANITATI	***15 2ND AVE BK-N-2***	***WNW 1/8 - 1/4 (0.193 mi.)***	***X219***	***615***
MATTONE CO - XTEXACO	***447 3RD AVE***	***SW 1/8 - 1/4 (0.208 mi.)***	***U234***	***679***
CON EDISON - MH 5388	***2ND AVE AND 6TH ST***	***W 1/8 - 1/4 (0.209 mi.)***	***AC241***	***696***
NYC ENVIRONMENTAL SE	***39 2ND AVE***	***W 1/8 - 1/4 (0.215 mi.)***	***AC248***	***711***
KENTILE FLOORS INC	***58 SECOND AVE***	***W 1/8 - 1/4 (0.230 mi.)***	***AC268***	***736***
T & S TRUCKING CO IN	***53 2ND AVE***	***W 1/8 - 1/4 (0.233 mi.)***	***275***	***759***

EXECUTIVE SUMMARY

ROD: Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid the cleanup.

A review of the ROD list, as provided by EDR, and dated 11/25/2013 has revealed that there is 1 ROD site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
GOWANUS CANAL	***BUTLER ST (BETWEEN B***	***N 1/2 - 1 (0.501 mi.)***	***AY351***	***946***

NY DRYCLEANERS: A listing of all registered drycleaning facilities.

A review of the NY DRYCLEANERS list, as provided by EDR, and dated 07/02/2015 has revealed that there are 2 NY DRYCLEANERS sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
KLOR-DE CLEANERS Facility Id: 2-6103-00151	263 3RD AVENUE	NNE 1/8 - 1/4 (0.239 mi.)	AE282	769

Lower Elevation	Address	Direction / Distance	Map ID	Page
CARROLL/YOO CLEANERS Facility Id: 2-6103-00194	149 7TH AVE.	WSW 1/8 - 1/4 (0.191 mi.)	Y209	594

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

A review of the NY E DESIGNATION list, as provided by EDR, and dated 05/27/2015 has revealed that there are 5 NY E DESIGNATION sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LOT 7501,TAXBLOCK 98	343 4 AVENUE	SE 0 - 1/8 (0.088 mi.)	F55	195
LOT 1,TAXBLOCK 987	363 4 AVENUE	SSE 0 - 1/8 (0.094 mi.)	F65	228
LOT 73,TAXBLOCK 974	303 3 STREET	ESE 0 - 1/8 (0.107 mi.)	H83	257
LOT 7504,TAXBLOCK 97	302 2 STREET	E 0 - 1/8 (0.114 mi.)	M127	386
LOT 7502,TAXBLOCK 97	306 2 STREET	E 0 - 1/8 (0.121 mi.)	M138	399

NY HSWDS: The List includes any known or suspected hazardous substance waste disposal sites. Also included are sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites and non-registry sites that U.S. EPA Preliminary Assessment (PA) reports or Site Investigation (SI) reports were prepared. Hazardous Substance Waste Disposal Sites are eligible to be Superfund sites now that the New York State Superfund has been refinanced and changed. This means that the study inventory has served its purpose and will no longer be maintained as a separate entity The latest version of the study is frozen in time. The sites on the study will not automatically be made superfund sites, rather each site will be further evaluated for listing in the registry. So overtime they will be added to the registry or not.

A review of the NY HSWDS list, as provided by EDR, and dated 01/01/2003 has revealed that there are 2 NY HSWDS sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
BUG, CITIZENS GATE S	6TH STREET AND 2ND A	W 1/8 - 1/4 (0.210 mi.)	X243	701
BUG, METROPOLITAN WO	2ND AVE & 12TH STREE	WSW 1/4 - 1/2 (0.425 mi.)	AW335	916

EXECUTIVE SUMMARY

Facility Id: HS2014

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

A review of the NY MANIFEST list, as provided by EDR, and dated 08/01/2015 has revealed that there are 79 NY MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
U-HAUL MAINTENANCE & EPA ID: NYR000041004	***213 6TH ST & 3RD AVE***	***SSW 0 - 1/8 (0.041 mi.)***	***B2***	***9***
CONSOLIDATED EDISON EPA ID: NYP004037610	213 6TH STREET	SSW 0 - 1/8 (0.041 mi.)	B3	13
BROOKLYN IGNITION & EPA ID: NY0000228106	***370 4TH AVE***	***SSE 0 - 1/8 (0.076 mi.)***	***F16***	***43***
PEP BOYS 247 EPA ID: NYR000071936	***354 4TH AVE***	***SE 0 - 1/8 (0.077 mi.)***	***F25***	***72***
MAACO AUTO PAINTING EPA ID: NYD981488232	***358 FOURTH AVE***	***SE 0 - 1/8 (0.077 mi.)***	***F27***	***78***
CON EDISON - MANHOLE EPA ID: NYP004130670	***358 4TH AVE***	***SE 0 - 1/8 (0.077 mi.)***	***F28***	***83***
SUSAN MAINTENANCE EPA Id: NYR000076091	***374 4TH AVE***	***SSE 0 - 1/8 (0.080 mi.)***	***F33***	***115***
NYC DEP EPA ID: NYP003665437	***240 6TH ST***	***SSW 0 - 1/8 (0.084 mi.)***	***B43***	***167***
JNB PRINTING & LITHO EPA ID: NYD986872612	***244 26TH ST***	***SSW 0 - 1/8 (0.100 mi.)***	***J79***	***246***
U-HAUL CORP EPA ID: NY0000970509	***259 6TH ST - PARK SL***	***S 0 - 1/8 (0.108 mi.)***	***K84***	***258***
CON EDISON EPA ID: NYP004704946	222 FIRST ST	ENE 0 - 1/8 (0.113 mi.)	L95	280
CON EDISON EPA ID: NYP004508040	MANHATTAN AVE & COMM	ENE 0 - 1/8 (0.113 mi.)	L97	282
TK60446 EPA ID: NYP004044368	***3RD. AVE YARD***	***ENE 0 - 1/8 (0.113 mi.)***	***L99***	***284***
CON EDISON EPA ID: NYP004703534 EPA ID: NYP004515425	222 FIRST ST	ENE 0 - 1/8 (0.113 mi.)	L109	309
CON EDISON - 3RD AVE EPA Id: NYD000706218	***222 FIRST STREET***	***ENE 0 - 1/8 (0.113 mi.)***	***L112***	***314***
TM439 EPA ID: NYP004036729	***222 1ST STREET***	***ENE 0 - 1/8 (0.113 mi.)***	***L113***	***349***
CONSOLIDATED EDISON EPA ID: NYP000706218	222 FIRST ST	ENE 0 - 1/8 (0.113 mi.)	L114	351
CONSOLIDATED EDISON EPA ID: NYP000920355	***222 1ST ST***	***ENE 0 - 1/8 (0.113 mi.)***	***L116***	***364***
CON EDISON	222 1ST ST	ENE 0 - 1/8 (0.113 mi.)	L121	378

EPA ID: NYP004704771				
CON EDISON MANHOLE: EPA ID: NYP004322004	***267 6TH ST***	***S 1/8 - 1/4 (0.129 mi.)***	***K143***	***412***
MAACO AUTO PAINTING EPA ID: NYD986925642	***296 4TH AVE & 1ST ST***	***ENE 1/8 - 1/4 (0.136 mi.)***	***L149***	***420***
CON EDISON EPA ID: NYP004655908	292 4TH AV	ENE 1/8 - 1/4 (0.142 mi.)	L158	444
CON EDISON EPA ID: NYP004615274	292 4TH AV	ENE 1/8 - 1/4 (0.142 mi.)	L159	445
NYC FIRE DEPT - ENGI EPA ID: NYR000147199	***395 4TH AVE***	***S 1/8 - 1/4 (0.143 mi.)***	***K163***	***454***
275 FOURTH AVENUE DE EPA ID: NYD986914133	***275 4TH AVE***	***ENE 1/8 - 1/4 (0.150 mi.)***	***Q170***	***467***
CADME BROTHERS EPA ID: NYP000950443	401 4TH AVENUE	S 1/8 - 1/4 (0.154 mi.)	K172	487
CON EDISON SERVICE B EPA ID: NYP004428256	***296 6TH ST***	***SSE 1/8 - 1/4 (0.167 mi.)***	***R182***	***519***
CON EDISON EPA ID: NYP004617668	FO 295 6TH ST	SSE 1/8 - 1/4 (0.177 mi.)	R184	521
PS 418 K SCHOOL EPA ID: NYR000199968	***512 CARROLL ST***	***NE 1/8 - 1/4 (0.177 mi.)***	***T185***	***522***
CON EDISON EPA ID: NYP004757548	511 CARROLL ST.	NE 1/8 - 1/4 (0.180 mi.)	T191	538
CON EDISON EPA ID: NYP004634887	172 8 ST	SW 1/8 - 1/4 (0.182 mi.)	U194	542
CON EDISON EPA ID: NYP004621470	198 8 ST	SSW 1/8 - 1/4 (0.187 mi.)	W198	548
CON EDISON EPA ID: NYP004571485	540 CARROLL ST	NE 1/8 - 1/4 (0.188 mi.)	T202	553
CON EDISON EPA ID: NYP004572756	9 GARFIELD ST	ENE 1/8 - 1/4 (0.189 mi.)	Q203	554
CON EDISON EPA ID: NYP004570321	298 5TH ST	SE 1/8 - 1/4 (0.193 mi.)	AA215	600
CON EDISON EPA ID: NYP004738910	22 GARFIELD PL	ENE 1/8 - 1/4 (0.204 mi.)	AB229	639
CON EDISON EPA ID: NYP004363230	314 5TH ST	SE 1/8 - 1/4 (0.209 mi.)	AA235	681
CON EDISON EPA ID: NYP004381471	231 8TH ST	S 1/8 - 1/4 (0.222 mi.)	AF256	723
CON EDISON EPA ID: NYP004546933	207 9TH ST	SSW 1/8 - 1/4 (0.227 mi.)	AG265	734
CON EDISON EPA ID: NYP004667994	431 4TH AVE	SSW 1/8 - 1/4 (0.232 mi.)	271	754
CON EDISON EPA Id: NYP004190229	***9TH ST & 3RD AVE***	***SW 1/8 - 1/4 (0.236 mi.)***	***AI277***	***762***
CON EDISON MANHOLE 5	***3RD AVE & 9TH ST NW***	***SW 1/8 - 1/4 (0.236 mi.)***	***AI278***	***765***

EPA ID: NYP004219000				
CON EDISON EPA ID: NYP004744215	584 CARROLL STREET	ENE 1/8 - 1/4 (0.239 mi.)	AB281	768
CON EDISON EPA ID: NYP004744306	590 CARROLL ST	ENE 1/8 - 1/4 (0.247 mi.)	AB288	773
CON EDISON - MANHOLE EPA ID: NYP004283966	***S/W/C 6TH ST & 5***	***SSE 1/8 - 1/4 (0.247 mi.)***	***AJ289***	***774***

Lower Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON EPA ID: NYP004743779	250 3 ST	N 0 - 1/8 (0.009 mi.)	A1	8
CONSOLIDATED EDISON EPA ID: NYP004154290	3 AVE & 3 STREET & 6	NW 0 - 1/8 (0.048 mi.)	A8	18
CON EDISON EPA ID: NYP004597928	227 3RD ST	NW 0 - 1/8 (0.052 mi.)	A11	21
CON EDISON VAULT SUB EPA ID: NYP004476214	***213 3RD ST***	***NW 0 - 1/8 (0.082 mi.)***	***E36***	***152***
190-220 THIRD STREET EPA ID: NYR000197178	***214 3RD ST***	***NW 0 - 1/8 (0.084 mi.)***	***E38***	***154***
216 3RD STREET EPA ID: NYD001869049	***216 3RD ST***	***WNW 0 - 1/8 (0.084 mi.)***	***E42***	***165***
U-HAUL PARKSLOPE RER EPA ID: NYR000071357	***403 3RD AVE CORNER O***	***SW 0 - 1/8 (0.087 mi.)***	***I54***	***183***
CON EDISON SERVICE B EPA ID: NYP004479192	***210 3RD ST***	***NW 0 - 1/8 (0.092 mi.)***	***E56***	***195***
CON EDISON EPA ID: NYP004159976	***3RD AVE & 6TH ST***	***SW 0 - 1/8 (0.096 mi.)***	***I68***	***231***
CONSOLIDATED EDISON EPA ID: NYP004237404	3RD AVE & 6TH STREET	SW 0 - 1/8 (0.096 mi.)	I70	234
BELL ATLANTIC-NY EPA ID: NYP000944076	6ST AND 3 AVE (MANHO	SW 0 - 1/8 (0.096 mi.)	I71	235
CON EDISON - MANHOLE EPA Id: NYP004191094	***6TH STREET & 3RD AVE***	***SW 0 - 1/8 (0.096 mi.)***	***I72***	***235***
CON EDISON SERVICE B EPA ID: NYP004479184	***198 3RD ST***	***NW 0 - 1/8 (0.115 mi.)***	***E129***	***387***
CONSOLIDATED EDISON EPA ID: NYP004155701	3RD AVE & 1ST STREET	N 0 - 1/8 (0.116 mi.)	G132	391
CON EDISON EPA ID: NYP004706313	319 3 AVE	N 0 - 1/8 (0.118 mi.)	G135	395
CON EDISON EPA ID: NYP004549135	141 6TH ST	WSW 0 - 1/8 (0.123 mi.)	I139	400
GIUSEPPE & SONS INC EPA ID: NYR000063917	***414 3RD AVE***	***SW 0 - 1/8 (0.123 mi.)***	***I142***	***403***
CON EDISON - MANHOLE EPA ID: NYP004292918	***105 6 TH ST***	***WSW 1/8 - 1/4 (0.142 mi.)***	***P157***	***442***
CITIZENS GATE STATIO	***6TH ST***	***W 1/8 - 1/4 (0.159 mi.)***	***P175***	***490***

EPA Id: NYD987040631				
NEW YORK TELEPHONE C EPA ID: NYD987028008	***175 THIRD ST***	***NW 1/8 - 1/4 (0.162 mi.)***	***S179***	***510***
FERRARO COLLISION IN EPA ID: NYD986943173	***442 3RD AVE***	***SW 1/8 - 1/4 (0.180 mi.)***	***O189***	***534***
CON ED - MH 65436 EPA ID: NYP004010203	***3RD AVE & 8TH ST***	***SW 1/8 - 1/4 (0.188 mi.)***	***U199***	***549***
LINDA TOOL & DIE COR EPA ID: NYD987025822	***459 CARROLL ST***	***N 1/8 - 1/4 (0.191 mi.)***	***V206***	***565***
CARROLL CLEANER EPA ID: NYD078159290	***149 7TH AVE***	***WSW 1/8 - 1/4 (0.191 mi.)***	***Y207***	***576***
CON EDISON SERVICE B EPA ID: NYP004310132	***2 2ND AVE FRONT OF***	***WNW 1/8 - 1/4 (0.192 mi.)***	***X210***	***594***
CONSOLIDATED EDISON EPA ID: NYP004119061	2ND AVE & 5TH ST MH5	W 1/8 - 1/4 (0.195 mi.)	X221	626
CONSOLIDATED EDISON EPA ID: NYP004120341	2 AVE & 5 ST TM280	W 1/8 - 1/4 (0.195 mi.)	X222	627
CONSOLIDATED EDISON EPA ID: NYP004120291	2 AVE & 5 ST MH5389	W 1/8 - 1/4 (0.195 mi.)	X223	629
CON EDISON EPA ID: NYP004696415	450 CARROL ST	N 1/8 - 1/4 (0.202 mi.)	V228	637
HENRY REPEATING ARMS EPA Id: NYR000046458	***110 8TH ST***	***SW 1/8 - 1/4 (0.204 mi.)***	***230***	***640***
MATTONE CO - XTEXACO EPA ID: NYR000101345	***447 3RD AVE***	***SW 1/8 - 1/4 (0.208 mi.)***	***U234***	***679***
CON EDISON - MH 5388 EPA ID: NYP004113148	***2ND AVE AND 6TH ST***	***W 1/8 - 1/4 (0.209 mi.)***	***AC241***	***696***
CON EDISON - MANHOLE EPA Id: NYP004191110	***35 2ND AVE & 7TH AVE***	***W 1/8 - 1/4 (0.212 mi.)***	***AC245***	***703***
KENTILE FLOORS INC EPA ID: NYD001496124	***58 SECOND AVE***	***W 1/8 - 1/4 (0.230 mi.)***	***AC268***	***736***

NJ MANIFEST: Hazardous waste manifest information.

A review of the NJ MANIFEST list, as provided by EDR, and dated 08/01/2015 has revealed that there are 8 NJ MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SUSAN MAINTENANCE EPA Id: NYR000076091	***374 4TH AVE***	***SSE 0 - 1/8 (0.080 mi.)***	***F33***	***115***
CON EDISON - 3RD AVE EPA Id: NYD000706218	***222 FIRST STREET***	***ENE 0 - 1/8 (0.113 mi.)***	***L112***	***314***
CON EDISON EPA Id: NYP004190229	***9TH ST & 3RD AVE***	***SW 1/8 - 1/4 (0.236 mi.)***	***AI277***	***762***

Lower Elevation	Address	Direction / Distance	Map ID	Page
190-220 THIRD STREET	214 3RD ST	NW 0 - 1/8 (0.084 mi.)	E39	158

EPA Id: NYR000197178				
CON EDISON - MANHOLE	***6TH STREET & 3RD AVE***	***SW 0 - 1/8 (0.096 mi.)***	***I72***	***235***
EPA Id: NYP004191094				
CITIZENS GATE STATIO	***6TH ST***	***W 1/8 - 1/4 (0.159 mi.)***	***P175***	***490***
EPA Id: NYD987040631				
HENRY REPEATING ARMS	***110 8TH ST***	***SW 1/8 - 1/4 (0.204 mi.)***	***230***	***640***
EPA Id: NYR000046458				
CON EDISON - MANHOLE	***35 2ND AVE & 7TH AVE***	***W 1/8 - 1/4 (0.212 mi.)***	***AC245***	***703***
EPA Id: NYP004191110				

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

A review of the EDR MGP list, as provided by EDR, has revealed that there are 5 EDR MGP sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FORMER CITIZEN GAS W	5TH STREET AND SMITH	WNW 1/4 - 1/2 (0.464 mi.)	344	935

Lower Elevation	Address	Direction / Distance	Map ID	Page
BU-METROPOLITAN MGP	124-136 SECOND AVE	WSW 1/4 - 1/2 (0.354 mi.)	AP312	848
FULTON MUNICIPAL WOR	NEVINS, DEGRAW AND S	N 1/4 - 1/2 (0.373 mi.)	AQ316	854
FULTON WORKS	DEGRAW STREET AND NE	N 1/4 - 1/2 (0.407 mi.)	AQ329	908
USPS GOWANUS SITE. F	2ND AVENUE AND 12TH	WSW 1/4 - 1/2 (0.467 mi.)	AW346	937

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

A review of the EDR US Hist Auto Stat list, as provided by EDR, has revealed that there are 35 EDR US Hist Auto Stat sites within approximately 0.25 miles of the target property.

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported	354 4TH AVE	SE 0 - 1/8 (0.077 mi.)	F24	71
Not reported	368 4TH AVE	SSE 0 - 1/8 (0.077 mi.)	F30	88
Not reported	236 6TH ST	SSW 0 - 1/8 (0.084 mi.)	B37	154
Not reported	363 4TH AVE	SSE 0 - 1/8 (0.094 mi.)	F64	227
Not reported	239 7TH ST	SSW 1/8 - 1/4 (0.132 mi.)	J146	417
Not reported	296 4TH AVE	ENE 1/8 - 1/4 (0.136 mi.)	L148	420
Not reported	393 4TH AVE	S 1/8 - 1/4 (0.140 mi.)	K154	439
Not reported	290 4TH AVE	ENE 1/8 - 1/4 (0.147 mi.)	L166	460
Not reported	271 4TH AVE	ENE 1/8 - 1/4 (0.159 mi.)	Q177	507
Not reported	263 1ST ST	E 1/8 - 1/4 (0.166 mi.)	Q181	518
Not reported	265 1ST ST	E 1/8 - 1/4 (0.169 mi.)	Q183	520
Not reported	344 2ND ST	ESE 1/8 - 1/4 (0.193 mi.)	212	597
Not reported	270 4TH AVE	ENE 1/8 - 1/4 (0.193 mi.)	Z213	597
Not reported	262 4TH AVE	NE 1/8 - 1/4 (0.200 mi.)	Z225	632
Not reported	357 3RD ST	ESE 1/8 - 1/4 (0.217 mi.)	253	719
Not reported	307 7TH ST	SSE 1/8 - 1/4 (0.223 mi.)	257	724
Not reported	528 PRESIDENT ST	NNE 1/8 - 1/4 (0.224 mi.)	AE258	724
Not reported	524 PRESIDENT ST	NNE 1/8 - 1/4 (0.224 mi.)	AE261	728
Not reported	245 4TH AVE	ENE 1/8 - 1/4 (0.226 mi.)	Z264	733
Not reported	203 9TH ST	SSW 1/8 - 1/4 (0.228 mi.)	AG267	736
Not reported	204 9TH ST	SW 1/8 - 1/4 (0.233 mi.)	AG273	758
Not reported	248 4TH AVE	NE 1/8 - 1/4 (0.233 mi.)	Z274	759
Not reported	355 5TH AVE	SE 1/8 - 1/4 (0.237 mi.)	AA279	767
Not reported	529 PRESIDENT ST	NNE 1/8 - 1/4 (0.237 mi.)	AE280	768
Not reported	264 3RD AVE	NNE 1/8 - 1/4 (0.246 mi.)	AE286	770

Lower Elevation	Address	Direction / Distance	Map ID	Page
Not reported	386 3RD AVE	WSW 0 - 1/8 (0.050 mi.)	C10	21
Not reported	405 3RD AVE	SW 0 - 1/8 (0.093 mi.)	I61	207
Not reported	407 3RD AVE	SW 0 - 1/8 (0.096 mi.)	I76	243
Not reported	424 3RD AVE	SW 1/8 - 1/4 (0.129 mi.)	I145	416
Not reported	428 3RD AVE	SW 1/8 - 1/4 (0.139 mi.)	O150	426
Not reported	430 3RD AVE	SW 1/8 - 1/4 (0.141 mi.)	O156	442
Not reported	429 3RD AVE	SW 1/8 - 1/4 (0.157 mi.)	O174	490
Not reported	442 3RD AVE	SW 1/8 - 1/4 (0.180 mi.)	O190	537
Not reported	447 3RD AVE	SW 1/8 - 1/4 (0.208 mi.)	U232	673
Not reported	33 2ND AVE	W 1/8 - 1/4 (0.209 mi.)	AC238	688

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

A review of the EDR US Hist Cleaners list, as provided by EDR, has revealed that there are 6 EDR US Hist Cleaners sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported	412 4TH AVE	S 1/8 - 1/4 (0.143 mi.)	K160	446
Not reported	436 4TH AVE	SSW 1/8 - 1/4 (0.211 mi.)	W244	703

EXECUTIVE SUMMARY

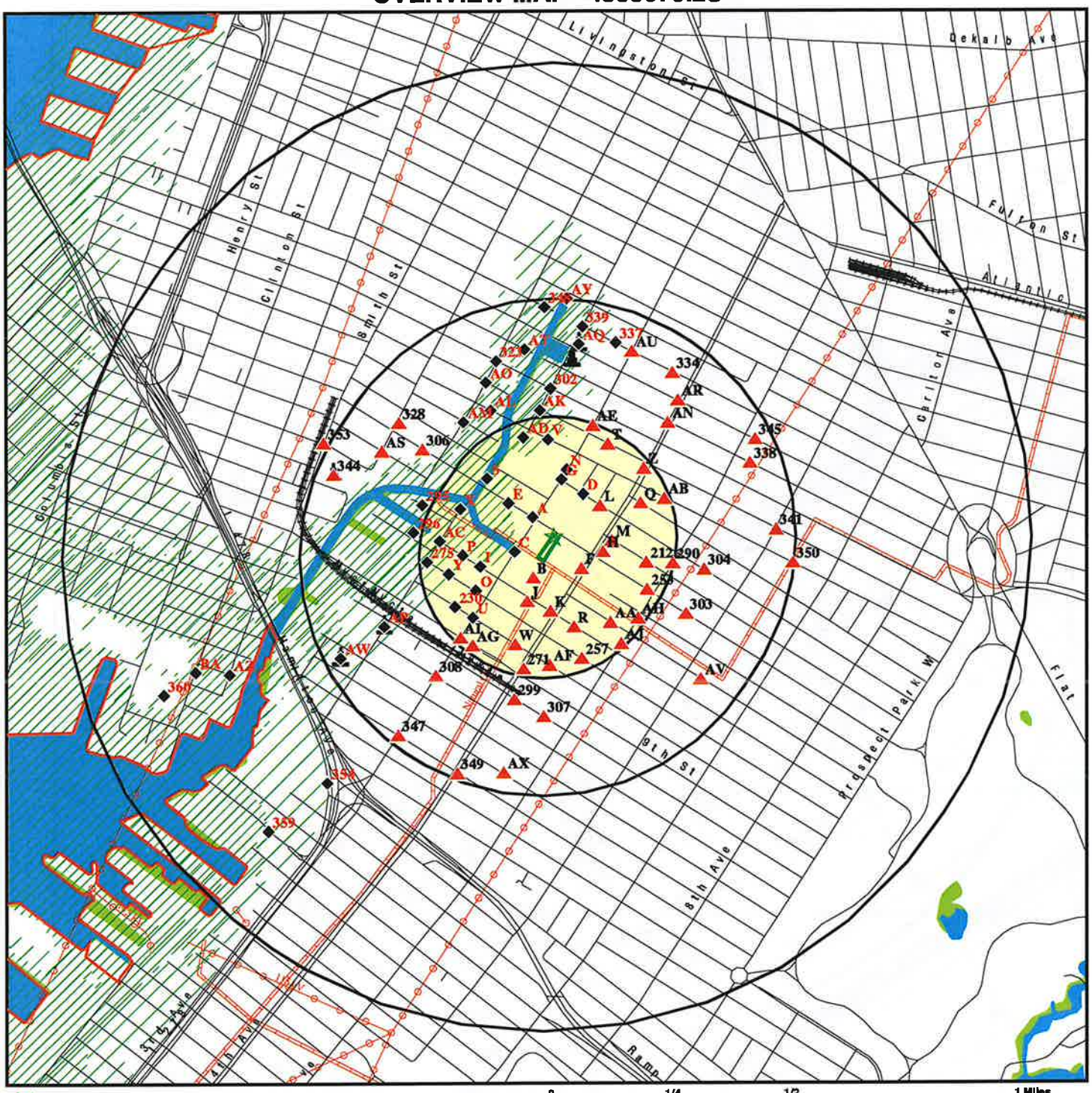
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported	263 3RD AVE	NNE 1/8 - 1/4 (0.239 mi.)	AE283	769
Not reported	376 5TH AVE	SSE 1/8 - 1/4 (0.241 mi.)	AJ284	770
Not reported	382 5TH AVE	SSE 1/8 - 1/4 (0.245 mi.)	AJ285	770
Not reported	294 5TH AVE	ESE 1/8 - 1/4 (0.247 mi.)	290	776

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 9 records.

Site Name	Database(s)
BROOKLYN MILITARY OCEAN TERMINAL	NY SHWS
DAVIDSON PIPE SUPPLY COMPANY	NY SHWS
CARROL GARDEN	CERC-NFRAP
BKLYN UNION GAS /FULTON MUNI WORK	CERC-NFRAP
208704; 3RD AVENUE, 100 FEET FEET	NY Spills
455 SMITH STREET (VICHAR, INC.)	NY VCP
FULTON WORKS	NY VCP
FULTON MUNICIPAL WORKS	NY VCP
DANGMAN PARK	NY VCP

OVERVIEW MAP - 4393079.2S



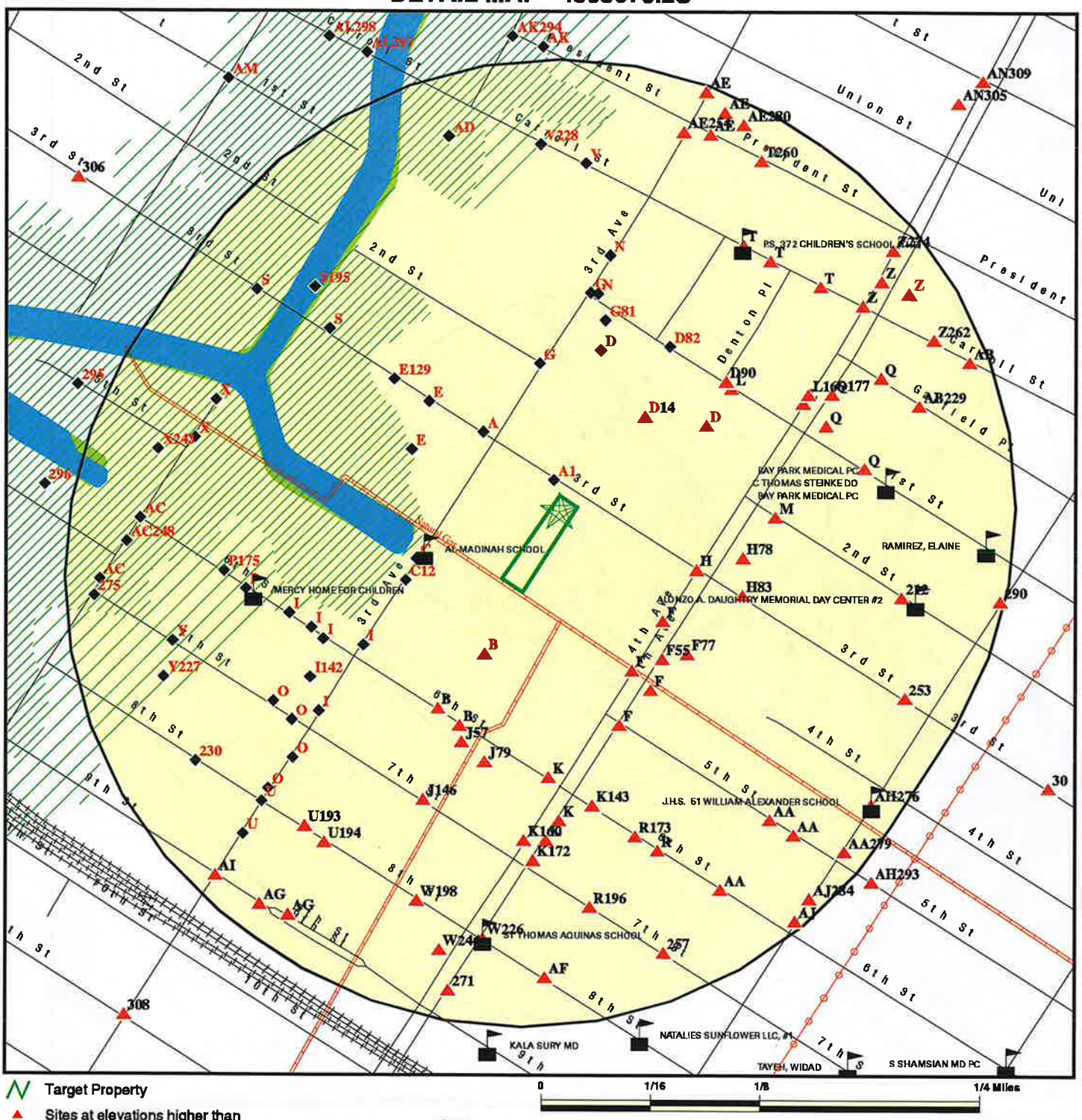
- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- County Boundary
- Power transmission lines
- Pipelines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands

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

SITE NAME: 252 3rd Street, Brooklyn	CLIENT: Integral Consulting, Inc.
ADDRESS: 252 3rd Street Brooklyn NY 11215	CONTACT: Sam Mctavey
LAT/LONG: 40.6745 / 73.9873	INQUIRY #: 4393079.2s DATE: August 25, 2015 4:30 pm

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DETAIL MAP - 4393079.2S



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Pipelines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands

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

SITE NAME: 252 3rd Street, Brooklyn	CLIENT: Integral Consulting, Inc.
ADDRESS: 252 3rd Street Brooklyn NY 11215	CONTACT: Sam Mctavey
LAT/LONG: 40.6745 / 73.9873	INQUIRY #: 4393079.2s DATE: August 25, 2015 4:35 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	1	NR	1
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
CERCLIS	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site List								
CERC-NFRAP	0.500		0	1	2	NR	NR	3
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	1	1	NR	2
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		3	6	NR	NR	NR	9
RCRA-SQG	0.250		2	3	NR	NR	NR	5
RCRA-CESQG	0.250		1	5	NR	NR	NR	6
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent CERCLIS								
NY SHWS	1.000		0	0	2	7	NR	9
NY VAPOR REOPENED	1.000		0	0	0	0	NR	0
State and tribal landfill and/or solid waste disposal site lists								
NY SWF/LF	0.500		1	1	5	NR	NR	7
State and tribal leaking storage tank lists								
INDIAN LUST	0.500		0	0	0	NR	NR	0
NY LTANKS	0.500		2	8	30	NR	NR	40
NY HIST LTANKS	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
NY UST	0.250		7	10	NR	NR	NR	17
NY CBS UST	0.250		0	0	NR	NR	NR	0
NY MOSF UST	0.500		0	0	1	NR	NR	1
NY CBS	0.250		1	0	NR	NR	NR	1
NY MOSF	0.500		0	0	1	NR	NR	1
NY AST	0.250		5	22	NR	NR	NR	27
NY CBS AST	0.250		0	0	NR	NR	NR	0
NY MOSF AST	0.500		0	0	0	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
NY RES DECL	0.125		0	NR	NR	NR	NR	0
NY ENG CONTROLS	0.500		1	0	0	NR	NR	1
NY INST CONTROL	0.500		1	0	0	NR	NR	1
State and tribal voluntary cleanup sites								
NY VCP	0.500		0	0	2	NR	NR	2
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
NY BROWNFIELDS	0.500		1	4	10	NR	NR	15
NY ERP	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
NY SWRCY	0.500		2	0	1	NR	NR	3
NY SWTIRE	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
NY DEL SHWS	1.000		0	0	0	1	NR	1
US CDL	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
NY HIST UST	0.250		4	9	NR	NR	NR	13
NY HIST AST	TP		NR	NR	NR	NR	NR	0
Local Land Records								
NY LIENS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
NY Spills	0.125		73	NR	NR	NR	NR	73
NY Hist Spills	0.125		0	NR	NR	NR	NR	0
NY SPILLS 90	0.125		0	NR	NR	NR	NR	0
NY SPILLS 80	0.125		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		20	27	NR	NR	NR	47
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	1	NR	1
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
NY AIRS	TP		NR	NR	NR	NR	NR	0
NY COAL ASH	0.500		0	0	0	NR	NR	0
NY DRYCLEANERS	0.250		0	2	NR	NR	NR	2
NY E DESIGNATION	0.125		5	NR	NR	NR	NR	5
NY Financial Assurance	TP		NR	NR	NR	NR	NR	0
NY HSWDS	0.500		0	1	1	NR	NR	2
NY MANIFEST	0.250		36	43	NR	NR	NR	79
NJ MANIFEST	0.250		4	4	NR	NR	NR	8
NY SPDES	TP		NR	NR	NR	NR	NR	0
NY UIC	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	5	0	NR	5
EDR US Hist Auto Stat	0.250		7	28	NR	NR	NR	35
EDR US Hist Cleaners	0.250		0	6	NR	NR	NR	6
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
NY RGA HWS	TP		NR	NR	NR	NR	NR	0
NY RGA LF	TP		NR	NR	NR	NR	NR	0
- Totals --		0	176	180	61	11	0	428

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 **CON EDISON** **NY MANIFEST** **S117741161**
North **250 3 ST** **N/A**
< 1/8 **BROOKLYN, NY 11215**
0.009 mi.
50 ft. **Site 1 of 7 in cluster A**

Relative:
Lower

Actual:
18 ft.

NY MANIFEST:

EPA ID:	NYP004743779
Country:	USA
Location Address 1:	250 3 ST
Location Address 2:	SB45292
Location City:	BROOKLYN
Location State:	NY
Location Zip Code:	11215
Location Zip Code 4:	Not reported

Mailing Info:

Name:	CON EDISON
Contact:	CON EDISON
Address:	4 IRVING PL
Address 2:	15TH FL
City/State/Zip:	NEW YORK, NY 10003
Country:	USA
Phone:	Not reported

Manifest:

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD003812047
Trans2 State ID:	NJD003812047
Generator Ship Date:	03/05/2015
Trans1 Recv Date:	03/05/2015
Trans2 Recv Date:	03/10/2015
TSD Site Recv Date:	03/10/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004743779
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	1000
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Year:	2015
Manifest Tracking Num:	002621343GBF
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported

CON EDISON (Continued) **S117741161**

Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H110

B2 **U-HAUL MAINTENANCE & REPAIR** **RCRA NonGen / NLR** **1001197532**
SSW **213 6TH ST & 3RD AVE** **NY MANIFEST** **NYR000041004**
< 1/8 **BROOKLYN, NY 11215**
0.041 mi.
217 ft. **Site 1 of 8 in cluster B**

Relative:
Higher

Actual:
20 ft.

RCRA NonGen / NLR:
Date form received by agency: 01/01/2007
Facility name: U-HAUL MAINTENANCE & REPAIR
Facility address: 213 6TH ST & 3RD AVE
BROOKLYN, NY 11215
EPA ID: NYR000041004
Mailing address: 3RD AVE
BROOKLYN, NY 11215
Contact: EDWARD HERNANDEZ
Contact address: 3RD AVE
BROOKLYN, NY 11215
Contact country: US
Contact telephone: (718) 875-2682
Contact email: Not reported
EPA Region: 02
Land type: Private
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: U-HAUL
Owner/operator address: 230 W 230TH ST
BRONX, NY 10463
Owner/operator country: US
Owner/operator telephone: (718) 993-4300
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: U-HAUL
Owner/operator address: 230 W 230TH ST
BRONX, NY 10463
Owner/operator country: US
Owner/operator telephone: (718) 993-4300
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No

U-HAUL MAINTENANCE & REPAIR (Continued) **1001197532**

Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: Yes
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Site name: U-HAUL MAINTENANCE & REPAIR
Classification: Not a generator, verified

Date form received by agency: 05/30/1997
Site name: U-HAUL MAINTENANCE & REPAIR
Classification: Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D018
. Waste name: BENZENE

. Waste code: D027
. Waste name: 1,4-DICHLOROBENZENE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040
. Waste name: TRICHLORETHYLENE

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 09/20/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

NY MANIFEST:
EPA ID: NYR000041004
Country: USA
Location Address 1: 213 6TH ST & 3RD AVE
Location Address 2: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip Code: 11215
Location Zip Code 4: Not reported

Mailing Info:
Name: U-HAUL MAINTENANCE & REPAIR

U-HAUL MAINTENANCE & REPAIR (Continued) **1001197532**

Contact: SAM BEAN
Address: 213 6TH ST & 3RD AVE
City/State/Zip: BROOKLYN, NY 11215
Country: USA
Phone: 718-875-2682

Manifest:

Document ID: CTF0649159
Manifest Status: Not reported
Trans1 State ID: CT524875
Trans2 State ID: Not reported
Generator Ship Date: 02/19/1998
Trans1 Recv Date: 02/19/1998
Trans2 Recv Date: Not reported
TSD Site Recv Date: 02/20/1998
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000041004
Trans1 EPA ID: CTD021816889
Trans2 EPA ID: Not reported
TSDF ID: CTD021816889
Waste Code: F003 - UNKNOWN
Quantity: 00010
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00045
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 003
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 1998

Document ID: CTF0665264
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: CT17012A
Trans2 State ID: Not reported
Generator Ship Date: 10/10/1997
Trans1 Recv Date: 10/10/1997
Trans2 Recv Date: / /
TSD Site Recv Date: 10/13/1997
Part A Recv Date: / /
Part B Recv Date: 11/07/1997
Generator EPA ID: NYR000041004
Trans1 EPA ID: CTD021816889
Trans2 EPA ID: Not reported
TSDF ID: CTD021816889
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00045
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 003

U-HAUL MAINTENANCE & REPAIR (Continued) **1001197532**

Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	1997

Document ID:	NYC4477893
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	DL7754NY
Trans2 State ID:	Not reported
Generator Ship Date:	09/25/1997
Trans1 Recv Date:	09/25/1997
Trans2 Recv Date:	/ /
TSD Site Recv Date:	10/01/1997
Part A Recv Date:	10/23/1997
Part B Recv Date:	10/20/1997
Generator EPA ID:	NYR000041004
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NYD000708198
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00059
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	004
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Waste Code:	D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Quantity:	00005
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	1997

Document ID:	CTF0651676
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	CTS18633
Trans2 State ID:	Not reported
Generator Ship Date:	12/03/1997
Trans1 Recv Date:	12/03/1997
Trans2 Recv Date:	/ /
TSD Site Recv Date:	12/04/1997
Part A Recv Date:	/ /
Part B Recv Date:	01/06/1998
Generator EPA ID:	NYR000041004
Trans1 EPA ID:	CTD021816889
Trans2 EPA ID:	Not reported
TSDF ID:	CTD021816889
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00045
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	003
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.

U-HAUL MAINTENANCE & REPAIR (Continued) **1001197532**

Specific Gravity: 100
Year: 1997

B3 **CONSOLIDATED EDISON** **NY MANIFEST** **S117563934**
SSW **213 6TH STREET** **N/A**
< 1/8 **NEW YORK CITY, NY 11231**
0.041 mi.
217 ft. **Site 2 of 8 in cluster B**

Relative:
Higher

Actual:
20 ft.

NY MANIFEST:

EPA ID:	NYP004037610
Country:	USA
Location Address 1:	V5326-213 6TH ST
Location Address 2:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip Code:	11201
Location Zip Code 4:	Not reported

Mailing Info:

Name:	CONSOLIDATED EDISON
Contact:	FRANKLIN MURRAY
Address:	4 IRVING PLACE RM 828
City/State/Zip:	NEW YORK, NY 10003
Country:	USA
Phone:	212-460-2808

Manifest:

Document ID:	NYE0231502
Manifest Status:	Not reported
Trans1 State ID:	20856AD
Trans2 State ID:	Not reported
Generator Ship Date:	05/20/1999
Trans1 Recv Date:	05/20/1999
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	05/21/1999
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004037610
Trans1 EPA ID:	NYD006982359
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980593636
Waste Code:	B002 - PETROLEUM OIL WITH 50 BUT < 500 PPM PCB
Quantity:	01345
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	001
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	1999

B4 **V5326** **RCRA NonGen / NLR** **1007207113**
SSW **213 6TH STREET** **NYP004037610**
< 1/8 **NEW YORK CITY, NY 11231**
0.041 mi.
217 ft. **Site 3 of 8 in cluster B**

Relative:
Higher

Actual:
20 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/03/2001
Facility name:	V5326
Facility address:	213 6TH STREET NEW YORK CITY, NY 11231
EPA ID:	NYP004037610
Mailing address:	CONSOLIDATED EDISON INC. 4 IRVING PLACE -- ROOM 300 NEW YORK, NY 10003
Contact:	ANTHONY DRUMMINGS
Contact address:	CONSOLIDATED EDISON INC. NEW YORK, NY 10003
Contact country:	US
Contact telephone:	(212) 460-3770
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

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

Historical Generators:

Date form received by agency:	01/02/2001
Site name:	V5326
Classification:	Not a generator, verified

Date form received by agency:	01/01/2001
Site name:	V5326
Classification:	Large Quantity Generator

Violation Status: No violations found

A5 **BELL ATLANTIC** **NY Spills** **S103036866**
NW **3RD AVE/3RD ST** **N/A**
< 1/8 **BROOKLYN, NY**
0.048 mi.
255 ft. **Site 2 of 7 in cluster A**

Relative: **Lower**

Actual: **14 ft.**

SPILLS:

Facility ID:	9714099
Facility Type:	ER
DER Facility ID:	75490
Site ID:	81623
DEC Region:	2
Spill Date:	3/19/1998
Spill Number/Closed Date:	9714099 / 4/29/1998
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	0301
Investigator:	MCTIBBE
Referred To:	Not reported
Reported to Dept:	3/19/1998
CID:	233
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	3/19/1998
Spill Record Last Update:	5/22/1998
Spiller Name:	LEO BUSINELLY
Spiller Company:	BELL ATLANTIC ,
Spiller Address:	3RD AVE / 3RD ST
Spiller City,St,Zip:	BROOKLYN, NY
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"CLEANED BY RP.
Remarks:	ALARM ON A TANK BROKE ALLOWING TANK TO OVERFLOW SPILL CONTAINED ON A CONCRETE FLOOR CLEAN UP IS UNDERWAY

Material:

Site ID:	81623
Operable Unit ID:	1059993
Operable Unit:	01
Material ID:	325079
Material Code:	0064A
Material Name:	unknown material
Case No.:	Not reported
Material FA:	Other
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

BELL ATLANTIC (Continued) **S103036866**

Tank Test:

A6
NW
< 1/8
0.048 mi.
255 ft.

VERIZON LOG 31756 MANHOLE 325 **RCRA NonGen / NLR** **1014917856**
3RD ST & 3RD AVE **NYP000962894**
BROOKLYN, NY 11215

Site 3 of 7 in cluster A

Relative:
Lower

Actual:
14 ft.

RCRA NonGen / NLR:

Date form received by agency:	03/07/2008
Facility name:	VERIZON LOG 31756 MANHOLE 325
Facility address:	3RD ST & 3RD AVE BROOKLYN, NY 11215
EPA ID:	NYP000962894
Mailing address:	HANSE AVE FREEPORT, NY 11520
Contact:	JOHN QUATRALE
Contact address:	HANSE AVE FREEPORT, NY 11520
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

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

Violation Status: No violations found

A7
NW
< 1/8
0.048 mi.
255 ft.

THIRD AVENUE YARD **NY Spills** **S103569919**
3RD AVE/3RD ST **N/A**
BROOKLYN, NY

Site 4 of 7 in cluster A

Relative:
Lower

Actual:
14 ft.

SPILLS:

Facility ID:	9608854
Facility Type:	ER
DER Facility ID:	164647

THIRD AVENUE YARD (Continued) **S103569919**

Site ID:	197847
DEC Region:	2
Spill Date:	10/16/1996
Spill Number/Closed Date:	9608854 / 12/30/2003
Spill Cause:	Other
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	JHOCONNE
Referred To:	Not reported
Reported to Dept:	10/16/1996
CID:	267
Water Affected:	Not reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	10/16/1996
Spill Record Last Update:	2/9/2005
Spiller Name:	TIM SOILCH
Spiller Company:	CON EDISON
Spiller Address:	4 IRVING PLACE
Spiller City,St,Zip:	MANHATTAN, NY 10003
Spiller Company:	001
Contact Name:	CHERYL PANE
Contact Phone:	(718) 204-4256
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"11/12/96: Transferred from Engelhardt to Katz.11/21/96: KATZ SPOKE WITH CHERYL PAYNE, CON ED - FREE PRODUCT FOUND IN WELL. TIGHTNESS TEST DONE ON TANK & PIPING AND FOUND TO BE TIGHT. UNKNOWN SOURCE OF PRODUCT - POSSIBLY OVERFILLS. 2000 GALLON GASOLINE & 2000 GALLON DIESEL UNDER CONCRETE MAT. NOT AWARE OF ANY PROBLEMS WITH DISPENSERS.9/30/97: TRANSFERRED FROM KATZ TO O'CONNELL.12/30/03: Close out - track under DEC # 9808009. (JHO)
Remarks:	while digging wells for a tank tightness test con ed noticed high levels voc levels in the well

Material:

Site ID:	197847
Operable Unit ID:	1036985
Operable Unit:	01
Material ID:	344589
Material Code:	1868A
Material Name:	volatile organics
Case No.:	Not reported
Material FA:	Other
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

A8
NW
< 1/8
0.048 mi.
256 ft.

CONSOLIDATED EDISON — **NY MANIFEST** — **S108933201**
3 AVE & 3 STREET & 6 STREET — **N/A**
NEW YORKBROOKLYN, NY 11201

Site 5 of 7 in cluster A

Relative:
Lower

Actual:
14 ft.

NY MANIFEST:

EPA ID:	NYP004154290
Country:	USA
Location Address 1:	3 AVE & 3 STREET & 6 STREET
Location Address 2:	Not reported
Location City:	NEW YORKBROOKLYN
Location State:	NY
Location Zip Code:	11201
Location Zip Code 4:	Not reported

Mailing Info:

Name:	CONSOLIDATED EDISON
Contact:	FRANKLIN MURRAY
Address:	4 IRVING PLACE RM 828
City/State/Zip:	NEW YORK, NY 10003
Country:	USA
Phone:	212-460-2808

Manifest:

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	10/09/2007
Trans1 Recv Date:	10/09/2007
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	10/11/2007
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004154290
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NYD077444263
Waste Code:	Not reported
Quantity:	100
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	2
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	1
Year:	2007
Manifest Tracking Num:	001451302FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported

CONSOLIDATED EDISON (Continued) **S108933201**

Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD006982359
Trans2 State ID: Not reported
Generator Ship Date: 10/12/2007
Trans1 Recv Date: 10/12/2007
Trans2 Recv Date: Not reported
TSD Site Recv Date: 10/16/2007
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004154290
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NYD077444263
Waste Code: Not reported
Quantity: 50
Units: K - Kilograms (2.2 pounds)
Number of Containers: 1
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 1
Year: 2007
Manifest Tracking Num: 001451489FLE
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD006982359
Trans2 State ID: Not reported
Generator Ship Date: 10/11/2007
Trans1 Recv Date: 10/11/2007
Trans2 Recv Date: Not reported
TSD Site Recv Date: 10/12/2007
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004154290
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NYD077444263
Waste Code: Not reported
Quantity: 100
Units: K - Kilograms (2.2 pounds)
Number of Containers: 2

CONSOLIDATED EDISON (Continued) **S108933201**

Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	1
Year:	2007
Manifest Tracking Num:	001451339FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

C9 **GOWANS CANAL** **NY Spills** **S108297497**
WSW **386 3RD AVE** **N/A**
< 1/8 **BROOKLYN, NY**
0.050 mi.
263 ft. **Site 1 of 3 in cluster C**

Relative: **Lower**

Actual: **9 ft.**

SPILLS:

Facility ID:	0611431
Facility Type:	ER
DER Facility ID:	325718
Site ID:	376125
DEC Region:	2
Spill Date:	1/15/2007
Spill Number/Closed Date:	0611431 / 1/16/2007
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	SMSANGES
Referred To:	Not reported
Reported to Dept:	1/15/2007
CID:	76
Water Affected:	GOWANUS CANAL
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1/16/2007
Spill Record Last Update:	1/16/2007
Spiller Name:	SHAY MCATAMNEY
Spiller Company:	NYC DEP
Spiller Address:	386 3RD AVE
Spiller City,St,Zip:	NY
Spiller Company:	001
Contact Name:	SHAY MCATAMNEY
Contact Phone:	(917) 642-6331
DEC Memo:	transfer to Selvin in DEC Water Unit

GOWANS CANAL (Continued) **S108297497**

Remarks: CALLER REPORTS BROKEN WATER MAIN ON GOWANUS BRIDGE WASHING CONTAMINATED DIRT INTO GOWANUS CANAL.

Material:
Site ID: 376125
Operable Unit ID: 1133730
Operable Unit: 01
Material ID: 2123551
Material Code: 0060A
Material Name: wastewater
Case No.: Not reported
Material FA: Other
Quantity: Not reported
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

C10
WSW
< 1/8
0.050 mi.
263 ft.
Site 2 of 3 in cluster C

Relative: Lower
Actual: 9 ft.

386 3RD AVE
BROOKLYN, NY 11215

EDR US Hist Auto Stat **1015461330**
N/A

EDR Historical Auto Stations:
Name: RADIATOR STORE INC
Year: 2010
Address: 386 3RD AVE

A11
NW
< 1/8
0.052 mi.
277 ft.
Site 6 of 7 in cluster A

Relative: Lower
Actual: 14 ft.

CON EDISON
227 3RD ST
BROOKLYN, NY 11215

NY MANIFEST **S117067066**
N/A

NY MANIFEST:
EPA ID: NYP004597928
Country: USA
Location Address 1: 227 3RD ST
Location Address 2: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip Code: 11215
Location Zip Code 4: Not reported

Mailing Info:
Name: CON EDISON
Contact: TOM TEELING
Address: 4 IRVING PLACE 15TH FLOOR
City/State/Zip: NEW YORK, NY 10003
Country: USA
Phone: Not reported

CON EDISON (Continued) **S117067066**

Manifest:

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	07/16/2014
Trans1 Recv Date:	07/16/2014
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	07/18/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004597928
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	300
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Year:	2014
Manifest Tracking Num:	013246154JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H110

C12 **PARK SLOPE U-HAUL RERS** **NY AST** **A100384621**
WSW **389 3RD AVENUE** **N/A**
< 1/8 **BROOKLYN, NY 11215**
0.055 mi.
288 ft. **Site 3 of 3 in cluster C**

Relative:
Lower

Actual:
12 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-612146
Program Type:	PBS
UTM X:	585452.70054999995
UTM Y:	4503047.7084799996
Expiration Date:	11/22/2018
Site Type:	Trucking/Transportation/Fleet Operation

Affiliation Records:

Site Id:	489301
Affiliation Type:	Facility Owner
Company Name:	AREC 6, LLC

PARK SLOPE U-HAUL RERS (Continued) **A100384621**

Contact Type:	Not reported
Contact Name:	Not reported
Address1:	2727 N CENTRAL AVE
Address2:	Not reported
City:	PHOENIX
State:	AZ
Zip Code:	85004
Country Code:	001
Phone:	(602) 261-6555
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	11/22/2013

Site Id:	489301
Affiliation Type:	Mail Contact
Company Name:	U-HAUL CO. BROOKLYN QUEENS STATEN ISLAND
Contact Type:	Not reported
Contact Name:	WILLIAM WOLFF III
Address1:	213 6TH STREET
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11215
Country Code:	001
Phone:	(718) 522-4859
EMail:	802_EA@UHAUL.COM
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	11/22/2013

Site Id:	489301
Affiliation Type:	On-Site Operator
Company Name:	PARK SLOPE U-HAUL RERS
Contact Type:	Not reported
Contact Name:	MOHANLALL BUDHRAM
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 875-2682
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	11/22/2013

Site Id:	489301
Affiliation Type:	Emergency Contact
Company Name:	AREC 6, LLC
Contact Type:	Not reported
Contact Name:	MOHANLALL BUDRAM
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN

PARK SLOPE U-HAUL RERS (Continued) **A100384621**

Zip Code:	Not reported
Country Code:	001
Phone:	(347) 865-3061
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	11/22/2013

Tank Info:

Tank Number:	1
Tank Id:	250348

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)
F00 - Pipe External Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
C00 - Pipe Location - No Piping
L00 - Piping Leak Detection - None
J00 - Dispenser - None
G12 - Tank Secondary Containment - Double-Walled (AG only)
D00 - Pipe Type - No Piping
A00 - Tank Internal Protection - None
K00 - Spill Prevention - None
H00 - Tank Leak Detection - None
E00 - Piping Secondary Containment - None

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	04/01/2011
Capacity Gallons:	280
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	NRLOMBAR
Last Modified:	11/22/2013
Material Name:	waste oil/used oil

A13 **OUTSIDE** **NY Spills** **S117269241**
NW **225 THIRD STREET** **N/A**
< 1/8 **BROOKLYN, NY**
0.056 mi.
298 ft. **Site 7 of 7 in cluster A**

Relative:
Lower

Actual:
13 ft.

SPILLS:

Facility ID:	1405008
Facility Type:	ER
DER Facility ID:	453404
Site ID:	498414
DEC Region:	2
Spill Date:	8/6/2014
Spill Number/Closed Date:	1405008 / Not Reported
Spill Cause:	Unknown
Spill Class:	Not reported
SWIS:	2401

OUTSIDE (Continued) **S117269241**

Investigator:	RJFENG
Referred To:	Not reported
Reported to Dept:	8/8/2014
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	1
Date Entered In Computer:	8/8/2014
Spill Record Last Update:	8/11/2014
Spiller Name:	RYAN MANDERBACH
Spiller Company:	UNK
Spiller Address:	225 THIRD STREET
Spiller City,St,Zip:	BROOKLYN, NY
Spiller Company:	999
Contact Name:	RYAN MANDERBACH
Contact Phone:	(212) 479-5582
DEC Memo:	8/8/2014 - Feng - Duty Desk. Spoke to Ryan Manderbach of Langan (212-479-5582, rmanderbach@langan.com). They were doing a Phase II for the potential buyer. The property is currently used by Verizon for parking lot. No developmet plan yet. Petroleum impacts were encountered at the central portion of the site. All soil borings were installed inside the boundary of the property. The soil borings were extended to 20 feet. Soil show PID reading greater than 700 ppm and heavy odor. Lab results show PAH and BTEX in soil samples and groundwater collected from the most downgradient soil borings show significant impacts. There is a spill, spill 94-02981 which was open due to tank problem, closed in 2000. Langan suspected the new spill is related to this old spill. GPR survey found suspicious tank, possible a waste water tank, and possible some tanks are left behind, but has not confirmed yet. He cannot disclose the potential buyer's contact information. He said DEC may need to deal with the current owner to get the Phase II report. In addition to the petroleum impact, MGP impacts are also found at this site. Langan installed 6 additional soil borings for the geotechnical reason in the vicinity of Gowanus Canal. There soil borings were extended to 100 feet. At 55 feet, appeared-to-be MGP waste impacts were encountered, i.e. oil drops, heavy odors. But NO visible NAPL. No MGP source at the site, suspect there are offsite sources.an email was sent to Central Office G. Cross for further guidance.
Remarks:	found while boaring - approx. 55ft. below surface - clean up pending

Material:

Site ID:	498414
Operable Unit ID:	1247865
Operable Unit:	01
Material ID:	2249203
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported

OUTSIDE (Continued) **S117269241**

Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	False
Site ID:	498414
Operable Unit ID:	1247865
Operable Unit:	01
Material ID:	2249204
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	False
Site ID:	498414
Operable Unit ID:	1247865
Operable Unit:	01
Material ID:	2249205
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

D14 **3RD AVE YARD** **NY Spills** **S102239110**
NE **3RD AVE YARD** **N/A**
< 1/8 **BROOKLYN, NY**
0.065 mi.
345 ft. **Site 1 of 11 in cluster D**

Relative: SPILLS:
Higher

Facility ID:	9702955
Facility Type:	ER
Actual: DER Facility ID:	228767
20 ft. Site ID:	281782
DEC Region:	2
Spill Date:	6/9/1997
Spill Number/Closed Date:	9702955 / 2/28/2003
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	CAENGELH
Referred To:	Not reported
Reported to Dept:	6/9/1997
CID:	252
Water Affected:	Not reported
Spill Source:	Commercial Vehicle

3RD AVE YARD (Continued) **S102239110**

Spill Notifier:	Affected Persons
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	6/9/1997
Spill Record Last Update:	2/28/2003
Spiller Name:	UNK
Spiller Company:	VENDORS TRUCK
Spiller Address:	UNK
Spiller City,St,Zip:	UNK, ZZ
Spiller Company:	001
Contact Name:	MIKE CESARE
Contact Phone:	(212) 580-6763
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"E2MIS 10809509-JUN-1997 14:00:00 NO ECSBOB ECKSTEIN PROPERTY PROTECTION REPORTS THAT APPR 3 GALS OF OIL WAS SPILLED ONTO APSHALT INSIDE THE 3RD AVE GATE ON THE1ST AVE SIDE. OIL WAS SEEN SPILLING FROM A VENDOR TRUCK THAT LEFT THE YARD. NO SEWERS AFFECTED . THE GATE IS NOW CLOSED TORESTRICT TRAFFIC AND FACILITIES IS PUTTING DOWN OIL ABSORB TO CONTAIN SPILL. HE WILL ARRANGE CLEANUP AND CALL BACK WITHWHO IS TAKING OVER JOB. AT 1420 HRS IT WAS DETERMINED OIL WAS SPILLED FROM ONE END OF THE YARD TO THE 1ST AVE SIDE BY THEVENDOR. R WEINER WAS NOTIFIED BY THE YARD MASTER. SPILL IS BEING CONTAINED AND CLEANUP TO BEGIN SHORTLY.UPDATE IT HAS BEEN DETERMINED THE SPILL IS GREATER THAN 5 GALS AND THAT THE OIL IS GEAR OIL WHICH IS NONE PCB. J. FERRAUILLO ISDIRECTING CLEANUP AT THIS TIME.1500 HRS UPDATE CONSTRUCTION MANNY SANCHEZ TO TAKE OVER CLEANUP AND TRUCK THAT SPILLED OIL IS STILL IN YARD AND ISCLEANING UP TRUCK.LIMITI 74410.....UPDATE 6/9/97 17:25HRS CLEAN UP COMPLETE 17:20HRS 6/9/97.
Remarks:	VENDOR TRUCK WAS LEAKING GEAR OIL AS IT DROVE THRU CON ED SITECON ED ON SCENE CLEANING UP SPILL FROM PAVEMENT

Material:

Site ID:	281782
Operable Unit ID:	1048818
Operable Unit:	01
Material ID:	335870
Material Code:	1045
Material Name:	gear/spindle oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	5
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	1003520
Facility Type:	ER
DER Facility ID:	228767
Site ID:	436752

3RD AVE YARD (Continued) **S102239110**

DEC Region:	2
Spill Date:	6/29/2010
Spill Number/Closed Date:	1003520 / 10/18/2010
Spill Cause:	Human Error
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	RWAUSTIN
Referred To:	Not reported
Reported to Dept:	6/29/2010
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	6/29/2010
Spill Record Last Update:	10/18/2010
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	Not reported
Spiller Company:	Not reported
Contact Name:	ERT
Contact Phone:	(212) 580-8383
DEC Memo:	6/29/10-HRAHMED-Minor ConEd spill. Assigned to Feroze Mohammad.10/18/10 - Austin - Con Ed contained and cleaned up the release - see eDocs documents for more information - closed - end
Remarks:	Pallet fell over and lost product onto concrete. Clean up pending.

Material:

Site ID:	436752
Operable Unit ID:	1187442
Operable Unit:	01
Material ID:	2182319
Material Code:	0013
Material Name:	lube oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	2
Units:	Gallons
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	False
Site ID:	436752
Operable Unit ID:	1187442
Operable Unit:	01
Material ID:	2182320
Material Code:	0043A
Material Name:	antifreeze
Case No.:	Not reported
Material FA:	Other
Quantity:	2
Units:	Gallons

3RD AVE YARD (Continued) **S102239110**

Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	False
Site ID:	436752
Operable Unit ID:	1187442
Operable Unit:	01
Material ID:	2182321
Material Code:	0015
Material Name:	motor oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	2
Units:	Gallons
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	9514611
Facility Type:	ER
DER Facility ID:	228767
Site ID:	281779
DEC Region:	2
Spill Date:	2/15/1996
Spill Number/Closed Date:	9514611 / 1/31/2003
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	CAENGELH
Referred To:	Not reported
Reported to Dept:	2/15/1996
CID:	257
Water Affected:	Not reported
Spill Source:	Passenger Vehicle
Spill Notifier:	Affected Persons
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2/15/1996
Spill Record Last Update:	1/31/2003
Spiller Name:	Not reported
Spiller Company:	NADE COMPANY
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller Company:	001
Contact Name:	MR ROMANELLI
Contact Phone:	(718) 830-5634
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"
Remarks:	vehicle leaking in con ed lot ny reg # b203zh

3RD AVE YARD (Continued) **S102239110**

Material:

Site ID:	281779
Operable Unit ID:	1025715
Operable Unit:	01
Material ID:	354740
Material Code:	0043A
Material Name:	antifreeze
Case No.:	Not reported
Material FA:	Other
Quantity:	1
Units:	Gallons
Recovered:	Yes
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

E15
WNW
< 1/8
0.076 mi.
399 ft.

Relative:
Lower

Actual:
11 ft.

WHOLE FOODS SITE
210, 212, 220 3RD ST. AND 360 3RD AVE.
BROOKLYN, NY 11215

NY ENG CONTROLS **S106704101**
NY INST CONTROL **N/A**
NY BROWNFIELDS

Site 1 of 9 in cluster E

ENG CONTROLS:

Site Code:	333299
HW Code:	C224100
Control Code:	15
Control Type:	ENG
Date Record Added:	07/11/2011
Date Rec Updated:	02/26/2015
Updated By:	JXPEREZM
Site Description:	Location: The Whole Foods site is located in the vicinity of the intersection of 3rd Street and 3rd Avenue in Kings County, NY.Site Features: The site consists of approximately 2.101-acres. The site is fenced and is bordered on the south by 4th Street Basin (Gowanus Canal), on the north by 3rd Street, on the west by privately owned real property, and on the east by 3rd Avenue. Current Zoning/Uses: The property is zoned as medium manufacturing in a commercial area. The site is currently owned by 190-220 Third Street Store, LLC and is vacant. The surrounding parcels are currently used for a combination of mixed light industrial, commercial and residential. The closest residential area is believed to be on 4th Avenue. Historical Uses: The subject site formerly consisted of several interconnected buildings and an open rear area that bordered the Gowanus Canal. The buildings prior uses that appear to have led to possible contamination include a coal yard, oil company, and junkyard and auto repair business. All buildings have been demolished.Site Geology and Hydrogeology: The Site is underlain by urban fill that varies in thickness from approximately 5 feet to 25 feet. The urban fill is underlain by an organic layer composed of varying proportions of silt and clay that varied in thickness from approximately 10 feet to 25 feet. The top of the organic layer likely represents the original surface of the Site, prior to filling in the late 1800s. The organic layer is underlain by a mixture of fine to coarse sands with increasing percentages of gravel and coarser sands with depth (coarsening downward sequence). Exploration borings were advanced to

WHOLE FOODS SITE (Continued) **S106704101**

a total depth of approximately 77 feet below grade. The bedrock surface was not encountered in any of the test borings.Shallow groundwater is present in the overburden fill material beneath the Site. Groundwater is tidally influenced, but generally flows toward the 4th Street Basin in both high and low tide conditions. The groundwater level within the overburden aquifer ranges from an elevation of approximately 3 feet at the northwest boundary of the site to an elevation of approximately 8 feet in the southeast boundary of the site.

Env Problem: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were associated with historic fill material, including semi-volatile organic compounds (specifically PAHs) and metals. Residual contamination at site will be managed in accordance with the Site Management Plan to ensure compliance with all the institutional/engineer controls required by the environmental easement.

Health Problem: Since some contaminated soils remain at the site below clean backfill, people will not come in contact with contaminated soils unless they dig below the surface. People are not expected to come into direct contact with contaminated groundwater because the area is served by a public water supply that is not affected by this contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into the overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings is referred to as soil vapor intrusion. Because the site is vacant, the inhalation of site-related contaminants of concern due to vapor intrusion does not represent a current concern. Furthermore, environmental sampling indicates soil vapor intrusion is not a concern for off-site buildings.

INST CONTROL:

Site Code:	333299
Control Name:	Ground Water Use Restriction
HW Code:	C224100
Control Code:	08
Control Type:	INST
Dt record added:	07/11/2011
Dt rec updated:	02/26/2015
Updated By:	JXPEREZM
Site Code:	333299

Site Description: Location: The Whole Foods site is located in the vicinity of the intersection of 3rd Street and 3rd Avenue in Kings County, NY.Site Features: The site consists of approximately 2.101-acres. The site is fenced and is bordered on the south by 4th Street Basin (Gowanus Canal), on the north by 3rd Street, on the west by privately owned real property, and on the east by 3rd Avenue. Current Zoning/Uses: The property is zoned as medium manufacturing in a commercial area. The site is currently owned by 190-220 Third Street Store, LLC and is vacant. The surrounding parcels are currently used for a combination of mixed light industrial, commercial and residential. The closest residential area is believed to be on 4th Avenue. Historical Uses: The subject site formerly consisted of several interconnected buildings and an open rear area that bordered the Gowanus Canal. The buildings prior uses that appear to have led to possible contamination include a coal yard, oil company, and junkyard and auto

WHOLE FOODS SITE (Continued) **S106704101**

repair business. All buildings have been demolished.Site Geology and Hydrogeology: The Site is underlain by urban fill that varies in thickness from approximately 5 feet to 25 feet. The urban fill is underlain by an organic layer composed of varying proportions of silt and clay that varied in thickness from approximately 10 feet to 25 feet. The top of the organic layer likely represents the original surface of the Site, prior to filling in the late 1800s. The organic layer is underlain by a mixture of fine to coarse sands with increasing percentages of gravel and coarser sands with depth (coarsening downward sequence). Exploration borings were advanced to a total depth of approximately 77 feet below grade. The bedrock surface was not encountered in any of the test borings.Shallow groundwater is present in the overburden fill material beneath the Site. Groundwater is tidally influenced, but generally flows toward the 4th Street Basin in both high and low tide conditions. The groundwater level within the overburden aquifer ranges from an elevation of approximately 3 feet at the northwest boundary of the site to an elevation of approximately 8 feet in the southeast boundary of the site.

Env Problem: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were associated with historic fill material, including semi-volatile organic compounds (specifically PAHs) and metals. Residual contamination at site will be managed in accordance with the Site Management Plan to ensure compliance with all the institutional/engineer controls required by the environmental easement.

Health Problem: Since some contaminated soils remain at the site below clean backfill, people will not come in contact with contaminated soils unless they dig below the surface. People are not expected to come into direct contact with contaminated groundwater because the area is served by a public water supply that is not affected by this contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into the overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings is referred to as soil vapor intrusion. Because the site is vacant, the inhalation of site-related contaminants of concern due to vapor intrusion does not represent a current concern. Furthermore, environmental sampling indicates soil vapor intrusion is not a concern for off-site buildings.

Site Code: 333299
Control Name: Landuse Restriction
HW Code: C224100
Control Code: 25
Control Type: INST
Dt record added: 07/11/2011
Dt rec updated: 02/26/2015
Updated By: JXPEREZM
Site Code: 333299
Site Description: Location: The Whole Foods site is located in the vicinity of the intersection of 3rd Street and 3rd Avenue in Kings County, NY.Site Features: The site consists of approximately 2.101-acres. The site is fenced and is bordered on the south by 4th Street Basin (Gowanus Canal), on the north by 3rd Street, on the west by privately owned real property, and on the east by 3rd Avenue. Current Zoning/Uses:

WHOLE FOODS SITE (Continued) **S106704101**

The property is zoned as medium manufacturing in a commercial area. The site is currently owned by 190-220 Third Street Store, LLC and is vacant. The surrounding parcels are currently used for a combination of mixed light industrial, commercial and residential. The closest residential area is believed to be on 4th Avenue. Historical Uses: The subject site formerly consisted of several interconnected buildings and an open rear area that bordered the Gowanus Canal. The buildings prior uses that appear to have led to possible contamination include a coal yard, oil company, and junkyard and auto repair business. All buildings have been demolished.Site Geology and Hydrogeology: The Site is underlain by urban fill that varies in thickness from approximately 5 feet to 25 feet. The urban fill is underlain by an organic layer composed of varying proportions of silt and clay that varied in thickness from approximately 10 feet to 25 feet. The top of the organic layer likely represents the original surface of the Site, prior to filling in the late 1800s. The organic layer is underlain by a mixture of fine to coarse sands with increasing percentages of gravel and coarser sands with depth (coarsening downward sequence). Exploration borings were advanced to a total depth of approximately 77 feet below grade. The bedrock surface was not encountered in any of the test borings.Shallow groundwater is present in the overburden fill material beneath the Site. Groundwater is tidally influenced, but generally flows toward the 4th Street Basin in both high and low tide conditions. The groundwater level within the overburden aquifer ranges from an elevation of approximately 3 feet at the northwest boundary of the site to an elevation of approximately 8 feet in the southeast boundary of the site.

Env Problem: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were associated with historic fill material, including semi-volatile organic compounds (specifically PAHs) and metals. Residual contamination at site will be managed in accordance with the Site Management Plan to ensure compliance with all the institutional/engineer controls required by the environmental easement.

Health Problem: Since some contaminated soils remain at the site below clean backfill, people will not come in contact with contaminated soils unless they dig below the surface. People are not expected to come into direct contact with contaminated groundwater because the area is served by a public water supply that is not affected by this contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into the overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings is referred to as soil vapor intrusion. Because the site is vacant, the inhalation of site-related contaminants of concern due to vapor intrusion does not represent a current concern. Furthermore, environmental sampling indicates soil vapor intrusion is not a concern for off-site buildings.

Site Code: 333299
Control Name: Soil Management Plan
HW Code: C224100
Control Code: 14
Control Type: INST
Dt record added: 07/11/2011

WHOLE FOODS SITE (Continued) **S106704101**

Dt rec updated: 02/26/2015
Updated By: JXPEREZM
Site Code: 333299
Site Description: Location: The Whole Foods site is located in the vicinity of the intersection of 3rd Street and 3rd Avenue in Kings County, NY.Site Features: The site consists of approximately 2.101-acres. The site is fenced and is bordered on the south by 4th Street Basin (Gowanus Canal), on the north by 3rd Street, on the west by privately owned real property, and on the east by 3rd Avenue. Current Zoning/Uses: The property is zoned as medium manufacturing in a commercial area. The site is currently owned by 190-220 Third Street Store, LLC and is vacant. The surrounding parcels are currently used for a combination of mixed light industrial, commercial and residential. The closest residential area is believed to be on 4th Avenue. Historical Uses: The subject site formerly consisted of several interconnected buildings and an open rear area that bordered the Gowanus Canal. The buildings prior uses that appear to have led to possible contamination include a coal yard, oil company, and junkyard and auto repair business. All buildings have been demolished.Site Geology and Hydrogeology: The Site is underlain by urban fill that varies in thickness from approximately 5 feet to 25 feet. The urban fill is underlain by an organic layer composed of varying proportions of silt and clay that varied in thickness from approximately 10 feet to 25 feet. The top of the organic layer likely represents the original surface of the Site, prior to filling in the late 1800s. The organic layer is underlain by a mixture of fine to coarse sands with increasing percentages of gravel and coarser sands with depth (coarsening downward sequence). Exploration borings were advanced to a total depth of approximately 77 feet below grade. The bedrock surface was not encountered in any of the test borings.Shallow groundwater is present in the overburden fill material beneath the Site. Groundwater is tidally influenced, but generally flows toward the 4th Street Basin in both high and low tide conditions. The groundwater level within the overburden aquifer ranges from an elevation of approximately 3 feet at the northwest boundary of the site to an elevation of approximately 8 feet in the southeast boundary of the site.
Env Problem: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were associated with historic fill material, including semi-volatile organic compounds (specifically PAHs) and metals. Residual contamination at site will be managed in accordance with the Site Management Plan to ensure compliance with all the institutional/engineer controls required by the environmental easement.
Health Problem: Since some contaminated soils remain at the site below clean backfill, people will not come in contact with contaminated soils unless they dig below the surface. People are not expected to come into direct contact with contaminated groundwater because the area is served by a public water supply that is not affected by this contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into the overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings is referred to as soil vapor intrusion. Because the site is vacant, the inhalation of site-related contaminants of concern due to vapor intrusion does not represent a current concern. Furthermore, environmental sampling

WHOLE FOODS SITE (Continued) **S106704101**

indicates soil vapor intrusion is not a concern for off-site buildings.

Site Code: 333299
Control Name: Building Use Restriction
HW Code: C224100
Control Code: 26
Control Type: INST
Dt record added: 07/11/2011
Dt rec updated: 02/26/2015
Updated By: JXPEREZM
Site Code: 333299
Site Description: Location: The Whole Foods site is located in the vicinity of the intersection of 3rd Street and 3rd Avenue in Kings County, NY.Site Features: The site consists of approximately 2.101-acres. The site is fenced and is bordered on the south by 4th Street Basin (Gowanus Canal), on the north by 3rd Street, on the west by privately owned real property, and on the east by 3rd Avenue. Current Zoning/Uses: The property is zoned as medium manufacturing in a commercial area. The site is currently owned by 190-220 Third Street Store, LLC and is vacant. The surrounding parcels are currently used for a combination of mixed light industrial, commercial and residential. The closest residential area is believed to be on 4th Avenue. Historical Uses: The subject site formerly consisted of several interconnected buildings and an open rear area that bordered the Gowanus Canal. The buildings prior uses that appear to have led to possible contamination include a coal yard, oil company, and junkyard and auto repair business. All buildings have been demolished.Site Geology and Hydrogeology: The Site is underlain by urban fill that varies in thickness from approximately 5 feet to 25 feet. The urban fill is underlain by an organic layer composed of varying proportions of silt and clay that varied in thickness from approximately 10 feet to 25 feet. The top of the organic layer likely represents the original surface of the Site, prior to filling in the late 1800s. The organic layer is underlain by a mixture of fine to coarse sands with increasing percentages of gravel and coarser sands with depth (coarsening downward sequence). Exploration borings were advanced to a total depth of approximately 77 feet below grade. The bedrock surface was not encountered in any of the test borings.Shallow groundwater is present in the overburden fill material beneath the Site. Groundwater is tidally influenced, but generally flows toward the 4th Street Basin in both high and low tide conditions. The groundwater level within the overburden aquifer ranges from an elevation of approximately 3 feet at the northwest boundary of the site to an elevation of approximately 8 feet in the southeast boundary of the site.
Env Problem: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were associated with historic fill material, including semi-volatile organic compounds (specifically PAHs) and metals. Residual contamination at site will be managed in accordance with the Site Management Plan to ensure compliance with all the institutional/engineer controls required by the environmental easement.
Health Problem: Since some contaminated soils remain at the site below clean backfill, people will not come in contact with contaminated soils unless they dig below the surface. People are not expected to come into direct contact with contaminated groundwater because the area is

WHOLE FOODS SITE (Continued) **S106704101**

served by a public water supply that is not affected by this contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into the overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings is referred to as soil vapor intrusion. Because the site is vacant, the inhalation of site-related contaminants of concern due to vapor intrusion does not represent a current concern. Furthermore, environmental sampling indicates soil vapor intrusion is not a concern for off-site buildings.

Site Code: 333299
Control Name: Site Management Plan
HW Code: C224100
Control Code: 32
Control Type: INST
Dt record added: 07/11/2011
Dt rec updated: 02/26/2015
Updated By: JXPEREZM
Site Code: 333299
Site Description: Location: The Whole Foods site is located in the vicinity of the intersection of 3rd Street and 3rd Avenue in Kings County, NY.Site Features: The site consists of approximately 2.101-acres. The site is fenced and is bordered on the south by 4th Street Basin (Gowanus Canal), on the north by 3rd Street, on the west by privately owned real property, and on the east by 3rd Avenue. Current Zoning/Uses: The property is zoned as medium manufacturing in a commercial area. The site is currently owned by 190-220 Third Street Store, LLC and is vacant. The surrounding parcels are currently used for a combination of mixed light industrial, commercial and residential. The closest residential area is believed to be on 4th Avenue. Historical Uses: The subject site formerly consisted of several interconnected buildings and an open rear area that bordered the Gowanus Canal. The buildings prior uses that appear to have led to possible contamination include a coal yard, oil company, and junkyard and auto repair business. All buildings have been demolished.Site Geology and Hydrogeology: The Site is underlain by urban fill that varies in thickness from approximately 5 feet to 25 feet. The urban fill is underlain by an organic layer composed of varying proportions of silt and clay that varied in thickness from approximately 10 feet to 25 feet. The top of the organic layer likely represents the original surface of the Site, prior to filling in the late 1800s. The organic layer is underlain by a mixture of fine to coarse sands with increasing percentages of gravel and coarser sands with depth (coarsening downward sequence). Exploration borings were advanced to a total depth of approximately 77 feet below grade. The bedrock surface was not encountered in any of the test borings.Shallow groundwater is present in the overburden fill material beneath the Site. Groundwater is tidally influenced, but generally flows toward the 4th Street Basin in both high and low tide conditions. The groundwater level within the overburden aquifer ranges from an elevation of approximately 3 feet at the northwest boundary of the site to an elevation of approximately 8 feet in the southeast boundary of the site.
Env Problem: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were associated with historic fill

WHOLE FOODS SITE (Continued) **S106704101**

material, including semi-volatile organic compounds (specifically PAHs) and metals. Residual contamination at site will be managed in accordance with the Site Management Plan to ensure compliance with all the institutional/engineer controls required by the environmental easement.

Health Problem: Since some contaminated soils remain at the site below clean backfill, people will not come in contact with contaminated soils unless they dig below the surface. People are not expected to come into direct contact with contaminated groundwater because the area is served by a public water supply that is not affected by this contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into the overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings is referred to as soil vapor intrusion. Because the site is vacant, the inhalation of site-related contaminants of concern due to vapor intrusion does not represent a current concern. Furthermore, environmental sampling indicates soil vapor intrusion is not a concern for off-site buildings.

Site Code: 333299
Control Name: Monitoring Plan
HW Code: C224100
Control Code: 31
Control Type: INST
Dt record added: 07/11/2011
Dt rec updated: 02/26/2015
Updated By: JXPEREZM
Site Code: 333299
Site Description: Location: The Whole Foods site is located in the vicinity of the intersection of 3rd Street and 3rd Avenue in Kings County, NY.Site Features: The site consists of approximately 2.101-acres. The site is fenced and is bordered on the south by 4th Street Basin (Gowanus Canal), on the north by 3rd Street, on the west by privately owned real property, and on the east by 3rd Avenue. Current Zoning/Uses: The property is zoned as medium manufacturing in a commercial area. The site is currently owned by 190-220 Third Street Store, LLC and is vacant. The surrounding parcels are currently used for a combination of mixed light industrial, commercial and residential. The closest residential area is believed to be on 4th Avenue. Historical Uses: The subject site formerly consisted of several interconnected buildings and an open rear area that bordered the Gowanus Canal. The buildings prior uses that appear to have led to possible contamination include a coal yard, oil company, and junkyard and auto repair business. All buildings have been demolished.Site Geology and Hydrogeology: The Site is underlain by urban fill that varies in thickness from approximately 5 feet to 25 feet. The urban fill is underlain by an organic layer composed of varying proportions of silt and clay that varied in thickness from approximately 10 feet to 25 feet. The top of the organic layer likely represents the original surface of the Site, prior to filling in the late 1800s. The organic layer is underlain by a mixture of fine to coarse sands with increasing percentages of gravel and coarser sands with depth (coarsening downward sequence). Exploration borings were advanced to a total depth of approximately 77 feet below grade. The bedrock surface was not encountered in any of the test borings.Shallow

WHOLE FOODS SITE (Continued) **S106704101**

groundwater is present in the overburden fill material beneath the Site. Groundwater is tidally influenced, but generally flows toward the 4th Street Basin in both high and low tide conditions. The groundwater level within the overburden aquifer ranges from an elevation of approximately 3 feet at the northwest boundary of the site to an elevation of approximately 8 feet in the southeast boundary of the site.

Env Problem: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were associated with historic fill material, including semi-volatile organic compounds (specifically PAHs) and metals. Residual contamination at site will be managed in accordance with the Site Management Plan to ensure compliance with all the institutional/engineer controls required by the environmental easement.

Health Problem: Since some contaminated soils remain at the site below clean backfill, people will not come in contact with contaminated soils unless they dig below the surface. People are not expected to come into direct contact with contaminated groundwater because the area is served by a public water supply that is not affected by this contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into the overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings is referred to as soil vapor intrusion. Because the site is vacant, the inhalation of site-related contaminants of concern due to vapor intrusion does not represent a current concern. Furthermore, environmental sampling indicates soil vapor intrusion is not a concern for off-site buildings.

Site Code: 333299
Control Name: O&M Plan
HW Code: C224100
Control Code: 33
Control Type: INST
Dt record added: 07/11/2011
Dt rec updated: 02/26/2015
Updated By: JXPEREZM
Site Code: 333299
Site Description: Location: The Whole Foods site is located in the vicinity of the intersection of 3rd Street and 3rd Avenue in Kings County, NY.Site Features: The site consists of approximately 2.101-acres. The site is fenced and is bordered on the south by 4th Street Basin (Gowanus Canal), on the north by 3rd Street, on the west by privately owned real property, and on the east by 3rd Avenue. Current Zoning/Uses: The property is zoned as medium manufacturing in a commercial area. The site is currently owned by 190-220 Third Street Store, LLC and is vacant. The surrounding parcels are currently used for a combination of mixed light industrial, commercial and residential. The closest residential area is believed to be on 4th Avenue. Historical Uses: The subject site formerly consisted of several interconnected buildings and an open rear area that bordered the Gowanus Canal. The buildings prior uses that appear to have led to possible contamination include a coal yard, oil company, and junkyard and auto repair business. All buildings have been demolished.Site Geology and Hydrogeology: The Site is underlain by urban fill that varies in thickness from approximately 5 feet to 25 feet. The urban fill is

WHOLE FOODS SITE (Continued) **S106704101**

underlain by an organic layer composed of varying proportions of silt and clay that varied in thickness from approximately 10 feet to 25 feet. The top of the organic layer likely represents the original surface of the Site, prior to filling in the late 1800s. The organic layer is underlain by a mixture of fine to coarse sands with increasing percentages of gravel and coarser sands with depth (coarsening downward sequence). Exploration borings were advanced to a total depth of approximately 77 feet below grade. The bedrock surface was not encountered in any of the test borings.Shallow groundwater is present in the overburden fill material beneath the Site. Groundwater is tidally influenced, but generally flows toward the 4th Street Basin in both high and low tide conditions. The groundwater level within the overburden aquifer ranges from an elevation of approximately 3 feet at the northwest boundary of the site to an elevation of approximately 8 feet in the southeast boundary of the site.

Env Problem: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were associated with historic fill material, including semi-volatile organic compounds (specifically PAHs) and metals. Residual contamination at site will be managed in accordance with the Site Management Plan to ensure compliance with all the institutional/engineer controls required by the environmental easement.

Health Problem: Since some contaminated soils remain at the site below clean backfill, people will not come in contact with contaminated soils unless they dig below the surface. People are not expected to come into direct contact with contaminated groundwater because the area is served by a public water supply that is not affected by this contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into the overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings is referred to as soil vapor intrusion. Because the site is vacant, the inhalation of site-related contaminants of concern due to vapor intrusion does not represent a current concern. Furthermore, environmental sampling indicates soil vapor intrusion is not a concern for off-site buildings.

Site Code: 333299
Control Name: IC/EC Plan
HW Code: C224100
Control Code: 34
Control Type: INST
Dt record added: 07/11/2011
Dt rec updated: 02/26/2015
Updated By: JXPEREZM
Site Code: 333299
Site Description: Location: The Whole Foods site is located in the vicinity of the intersection of 3rd Street and 3rd Avenue in Kings County, NY.Site Features: The site consists of approximately 2.101-acres. The site is fenced and is bordered on the south by 4th Street Basin (Gowanus Canal), on the north by 3rd Street, on the west by privately owned real property, and on the east by 3rd Avenue. Current Zoning/Uses: The property is zoned as medium manufacturing in a commercial area. The site is currently owned by 190-220 Third Street Store, LLC and is vacant. The surrounding parcels are currently used for a combination

WHOLE FOODS SITE (Continued) **S106704101**

of mixed light industrial, commercial and residential. The closest residential area is believed to be on 4th Avenue. Historical Uses: The subject site formerly consisted of several interconnected buildings and an open rear area that bordered the Gowanus Canal. The buildings prior uses that appear to have led to possible contamination include a coal yard, oil company, and junkyard and auto repair business. All buildings have been demolished.Site Geology and Hydrogeology: The Site is underlain by urban fill that varies in thickness from approximately 5 feet to 25 feet. The urban fill is underlain by an organic layer composed of varying proportions of silt and clay that varied in thickness from approximately 10 feet to 25 feet. The top of the organic layer likely represents the original surface of the Site, prior to filling in the late 1800s. The organic layer is underlain by a mixture of fine to coarse sands with increasing percentages of gravel and coarser sands with depth (coarsening downward sequence). Exploration borings were advanced to a total depth of approximately 77 feet below grade. The bedrock surface was not encountered in any of the test borings.Shallow groundwater is present in the overburden fill material beneath the Site. Groundwater is tidally influenced, but generally flows toward the 4th Street Basin in both high and low tide conditions. The groundwater level within the overburden aquifer ranges from an elevation of approximately 3 feet at the northwest boundary of the site to an elevation of approximately 8 feet in the southeast boundary of the site.

Env Problem: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were associated with historic fill material, including semi-volatile organic compounds (specifically PAHs) and metals. Residual contamination at site will be managed in accordance with the Site Management Plan to ensure compliance with all the institutional/engineer controls required by the environmental easement.

Health Problem: Since some contaminated soils remain at the site below clean backfill, people will not come in contact with contaminated soils unless they dig below the surface. People are not expected to come into direct contact with contaminated groundwater because the area is served by a public water supply that is not affected by this contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into the overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings is referred to as soil vapor intrusion. Because the site is vacant, the inhalation of site-related contaminants of concern due to vapor intrusion does not represent a current concern. Furthermore, environmental sampling indicates soil vapor intrusion is not a concern for off-site buildings.

Site Code: 333299
Control Name: Environmental Easement
HW Code: C224100
Control Code: J
Control Type: INST
Dt record added: 07/11/2011
Dt rec updated: 02/26/2015
Updated By: JXPEREZM
Site Code: 333299

WHOLE FOODS SITE (Continued) **S106704101**

Site Description: Location: The Whole Foods site is located in the vicinity of the intersection of 3rd Street and 3rd Avenue in Kings County, NY.Site Features: The site consists of approximately 2.101-acres. The site is fenced and is bordered on the south by 4th Street Basin (Gowanus Canal), on the north by 3rd Street, on the west by privately owned real property, and on the east by 3rd Avenue. Current Zoning/Uses: The property is zoned as medium manufacturing in a commercial area. The site is currently owned by 190-220 Third Street Store, LLC and is vacant. The surrounding parcels are currently used for a combination of mixed light industrial, commercial and residential. The closest residential area is believed to be on 4th Avenue. Historical Uses: The subject site formerly consisted of several interconnected buildings and an open rear area that bordered the Gowanus Canal. The buildings prior uses that appear to have led to possible contamination include a coal yard, oil company, and junkyard and auto repair business. All buildings have been demolished.Site Geology and Hydrogeology: The Site is underlain by urban fill that varies in thickness from approximately 5 feet to 25 feet. The urban fill is underlain by an organic layer composed of varying proportions of silt and clay that varied in thickness from approximately 10 feet to 25 feet. The top of the organic layer likely represents the original surface of the Site, prior to filling in the late 1800s. The organic layer is underlain by a mixture of fine to coarse sands with increasing percentages of gravel and coarser sands with depth (coarsening downward sequence). Exploration borings were advanced to a total depth of approximately 77 feet below grade. The bedrock surface was not encountered in any of the test borings.Shallow groundwater is present in the overburden fill material beneath the Site. Groundwater is tidally influenced, but generally flows toward the 4th Street Basin in both high and low tide conditions. The groundwater level within the overburden aquifer ranges from an elevation of approximately 3 feet at the northwest boundary of the site to an elevation of approximately 8 feet in the southeast boundary of the site.

Env Problem: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were associated with historic fill material, including semi-volatile organic compounds (specifically PAHs) and metals. Residual contamination at site will be managed in accordance with the Site Management Plan to ensure compliance with all the institutional/engineer controls required by the environmental easement.

Health Problem: Since some contaminated soils remain at the site below clean backfill, people will not come in contact with contaminated soils unless they dig below the surface. People are not expected to come into direct contact with contaminated groundwater because the area is served by a public water supply that is not affected by this contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into the overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings is referred to as soil vapor intrusion. Because the site is vacant, the inhalation of site-related contaminants of concern due to vapor intrusion does not represent a current concern. Furthermore, environmental sampling indicates soil vapor intrusion is not a concern for off-site buildings.

WHOLE FOODS SITE (Continued) **S106704101**

BROWNFIELDS:

Program:	BCP
Site Code:	333299
Acres:	2.101
HW Code:	C224100
SWIS:	2401
Town:	New York City
Update By:	JEBROWN
Site Description:	Location: The Whole Foods site is located in the vicinity of the intersection of 3rd Street and 3rd Avenue in Kings County, NY.Site Features: The site consists of approximately 2.101-acres. The site is fenced and is bordered on the south by 4th Street Basin (Gowanus Canal), on the north by 3rd Street, on the west by privately owned real property, and on the east by 3rd Avenue. Current Zoning/Uses: The property is zoned as medium manufacturing in a commercial area. The site is currently owned by 190-220 Third Street Store, LLC and is vacant. The surrounding parcels are currently used for a combination of mixed light industrial, commercial and residential. The closest residential area is believed to be on 4th Avenue. Historical Uses: The subject site formerly consisted of several interconnected buildings and an open rear area that bordered the Gowanus Canal. The buildings prior uses that appear to have led to possible contamination include a coal yard, oil company, and junkyard and auto repair business. All buildings have been demolished.Site Geology and Hydrogeology: The Site is underlain by urban fill that varies in thickness from approximately 5 feet to 25 feet. The urban fill is underlain by an organic layer composed of varying proportions of silt and clay that varied in thickness from approximately 10 feet to 25 feet. The top of the organic layer likely represents the original surface of the Site, prior to filling in the late 1800s. The organic layer is underlain by a mixture of fine to coarse sands with increasing percentages of gravel and coarser sands with depth (coarsening downward sequence). Exploration borings were advanced to a total depth of approximately 77 feet below grade. The bedrock surface was not encountered in any of the test borings.Shallow groundwater is present in the overburden fill material beneath the Site. Groundwater is tidally influenced, but generally flows toward the 4th Street Basin in both high and low tide conditions. The groundwater level within the overburden aquifer ranges from an elevation of approximately 3 feet at the northwest boundary of the site to an elevation of approximately 8 feet in the southeast boundary of the site.
Env Problem:	Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were associated with historic fill material, including semi-volatile organic compounds (specifically PAHs) and metals. Residual contamination at site will be managed in accordance with the Site Management Plan to ensure compliance with all the institutional/engineer controls required by the environmental easement.
Health Problem:	Since some contaminated soils remain at the site below clean backfill, people will not come in contact with contaminated soils unless they dig below the surface. People are not expected to come into direct contact with contaminated groundwater because the area is served by a public water supply that is not affected by this contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into the overlying buildings and affect the indoor air quality. This process,

WHOLE FOODS SITE (Continued) **S106704101**

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. Because the site is vacant, the inhalation of site-related contaminants of concern due to vapor intrusion does not represent a current concern. Furthermore, environmental sampling indicates soil vapor intrusion is not a concern for off-site buildings.

F16 **BROOKLYN IGNITION & SUPPLY** **RCRA NonGen / NLR 1000890011**
SSE **370 4TH AVE** **FINDS NY0000228106**
< 1/8 **BROOKLYN, NY 11215** **NY MANIFEST**
0.076 mi.
400 ft. **Site 1 of 23 in cluster F**

Relative:
Higher

Actual:
25 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	BROOKLYN IGNITION & SUPPLY
Facility address:	370 4TH AVE BROOKLYN, NY 112152718
EPA ID:	NY0000228106
Mailing address:	4TH AVE BROOKLYN, NY 11215
Contact:	Not reported
Contact address:	4TH AVE BROOKLYN, NY 11215
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Land type:	Facility is not located on Indian land. Additional information is not known.
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	370 4TH AVE CORP
Owner/operator address:	370 4TH AVE BROOKLYN, NY 11215
Owner/operator country:	US
Owner/operator telephone:	(718) 834-5300
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	370 4TH AVE CORP
Owner/operator address:	370 4TH AVE BROOKLYN, NY 11215
Owner/operator country:	US
Owner/operator telephone:	(718) 834-5300
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

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

BROOKLYN IGNITION & SUPPLY (Continued) **1000890011**

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

Historical Generators:
Date form received by agency: 01/01/2006
Site name: BROOKLYN IGNITION & SUPPLY
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Site name: BROOKLYN IGNITION & SUPPLY
Classification: Not a generator, verified

Date form received by agency: 04/18/1994
Site name: BROOKLYN IGNITION & SUPPLY
Classification: Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D018
. Waste name: BENZENE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 09/20/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

FINDS:

Registry ID: 110004314037

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

BROOKLYN IGNITION & SUPPLY (Continued) **1000890011**

NY MANIFEST:

EPA ID:	NY0000228106
Country:	USA
Location Address 1:	370 4TH AVE
Location Address 2:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip Code:	11215
Location Zip Code 4:	Not reported

Mailing Info:

Name:	BROOKLYN IGNITION & SUPPLY
Contact:	BROOKLYN IGNITION & SUPPLY
Address:	370 4TH AVE
City/State/Zip:	BROOKLYN, NY 11215
Country:	USA
Phone:	718-834-5300

Manifest:

Document ID:	MAH1126980
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	JU4818NY
Trans2 State ID:	Not reported
Generator Ship Date:	11/21/1994
Trans1 Recv Date:	11/21/1994
Trans2 Recv Date:	/ /
TSD Site Recv Date:	12/06/1994
Part A Recv Date:	/ /
Part B Recv Date:	12/19/1994
Generator EPA ID:	NY0000228106
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	CTD001156009
Waste Code:	D006 - CADMIUM 1.0 MG/L TCLP
Quantity:	00005
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	1994

Document ID:	CTF0347090
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	JV4819NY
Trans2 State ID:	Not reported
Generator Ship Date:	10/11/1994
Trans1 Recv Date:	10/11/1994
Trans2 Recv Date:	/ /
TSD Site Recv Date:	10/25/1994
Part A Recv Date:	/ /
Part B Recv Date:	11/08/1994
Generator EPA ID:	NY0000228106
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported

BROOKLYN IGNITION & SUPPLY (Continued) **1000890011**

TSDF ID:	CTD001156009
Waste Code:	D006 - CADMIUM 1.0 MG/L TCLP
Quantity:	00003
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	1994

Document ID:	CTF0320503
Manifest Status:	Completed copy
Trans1 State ID:	NYGF4780
Trans2 State ID:	Not reported
Generator Ship Date:	08/30/1994
Trans1 Recv Date:	08/30/1994
Trans2 Recv Date:	/ /
TSD Site Recv Date:	09/20/1994
Part A Recv Date:	09/08/1994
Part B Recv Date:	09/12/1994
Generator EPA ID:	NY0000228106
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	CTD001156009
Waste Code:	D006 - CADMIUM 1.0 MG/L TCLP
Quantity:	00010
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	1994

F17 **CONSTRUCTION SITE** **NY Spills** **S106968231**
SSE **370 4TH AVE** **N/A**
< 1/8 **BROOKLYN, NY**
0.076 mi.
400 ft. **Site 2 of 23 in cluster F**

Relative: **Higher**

Actual: **25 ft.**

SPILLS:

Facility ID:	0502332
Facility Type:	ER
DER Facility ID:	292936
Site ID:	346674
DEC Region:	2
Spill Date:	5/27/2005
Spill Number/Closed Date:	0502332 / 9/27/2012
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	VXBREVDO
Referred To:	Not reported
Reported to Dept:	5/27/2005
CID:	409
Water Affected:	Not reported
Spill Source:	Unknown

CONSTRUCTION SITE (Continued) **S106968231**

Spill Notifier:	Local Agency
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	5/27/2005
Spill Record Last Update:	9/27/2012
Spiller Name:	KEVIN KLEAKA
Spiller Company:	DT SUPPLY CORP
Spiller Address:	370 4TH AVE
Spiller City,St,Zip:	BROOKLYN, NY
Spiller Company:	001
Contact Name:	KEVIN KLEAKA
Contact Phone:	(631) 269-8800
DEC Memo:	Contaminated Soil Letter sent to owner:Mr. Dominic TonacchioTL Investors Corp.343 4th AveBrooklyn, NY 1121507/27/06: This spill is transferred from Mr. Koon Tang to Q.Abidi.Called Kevin Kleaka at (Impact Environmental),(631)269-8800 Extn. 25 and left message tocall me back. -QA07/27/06: Mr. Kevin Kleaka called me back and said that he knows up to phase 2 he will e-mail me the report.-QA09/13/06: Called Mr. Kevin Kleaka and left message to call me back. -QA03/19/07: Reviewed Phase II report (Limited Subsurface Investi gation Report). Soil and Groundwater both are contaminated. Sent Investigation needed letter to owner Mr. Tonachio. Work plan for additional Investigation to delineation of soil and groundwater. Establish three permanent monitoring wells. wells should be surveyed to find out the direction of flow of groundwater. -QA09/12/07: Called Mr. Kevin Kleaka (Impact Environmental) to discuss regarding spill. He said that he doesn't know the information regarding owner of the spill. he gave site contact name Mr. Sylvestor Sichenzie (718)680-0400. I called Mr. Sylvestor he was not there. I left message to call me back. -QA6/25/08: Reassigned from Vadim Brevdo to Kartik Chanda. (Chanda)7/31/08: Chanda has reviewed the spill related documents and sent a reminder letter to RP, requiring that an investigation work plan be submitted to DEC by 8/21/08 for review and approval. (see eDocs)09/21/2012 - V. Brevdo"Vadim,Please forward correspondence in the active NYSDEC spill number file mentioned above so I can review for its association with closed NYSDEC spill number 0509762.Thanks,Paul P. Stewart, PresidentAdvanced Cleanup Technologies, Inc.960 South Broadway, Suite 100Hicksville, New York 11801Phone: (516) 933-0655 x 12Cell: (516) 840-8197Fax: (516) 933-0659Email: pauls@actenvirons.com"09/21/2012 - V. BrevdoPaul, Attached to this e-mail are letters sent by DEC staff in 2007 and 2008 requiring environmental investigation of the property. If you have credible reason to believe that the contamination referred to in these letters have been addressed/remediated under the spill number 0509762, please provide synopsis of the remedy implemented at this property, explanation of how implemented remedy addressed contamination reported in the spill 0502332, as well as rationale for closing the latter spill. From our telephone conversation I understand that these two spills is at the same property and both of them have been addressed via remediation implemented for spill 0509762. If so, I need supporting information /synopsis to be able to close spill 0502332. Respectfully, Vadim Brevdo" 09/25/2012 - V. Brevdoe-mail from Paul Stuart of ACT:Good afternoon Vadim.As

CONSTRUCTION SITE (Continued) **S106968231**

requested, I have enclosed documents indicating that open spill 0502332 was reported on May 27, 2005 following completion of a Phase II Environmental Site Assessment by Impact Environmental on May 13, 2005. The spill was then remediated by Trade-Winds Environmental through February 13, 2006 including the excavation and disposal of 37.24 tons of impacted soil and the installation and sampling of two monitoring wells as per instructions from Raphael Ketani. Plans for a vapor barrier and sub-slab depressuration system were then submitted to Mr. Ketani on March 9, 2006 by PW Grosser Conulting, Inc. and approved by Mr. Ketani the same day by closure of spill 0509762. That spill was reported on November 15, 2005, which was subsequent to the intiation of remedial activities pursuant to spill 0502332.I think you will agree that spill numbers 0502332 and 0509762 refer to the same property and the same contamination that was remediated and closed under spill 0509762. If that is the case, please close spill number 0502332 at your earliest convenience.Your expeditious review of the above would be greatly appreciated. Please contact me if you have any questions concerning the above. Regards,Paul P. StewartAdvanced Cleanup Technologies, Inc."09/27/2012 - V. BrevdoContamination associated with this spill was remediated under spill 0509762. Spills 0502332 and 0509762 should have been consolidated into one spill case. Based on review of information provided by Paul Steawrt of ACR on 9/25/2012 and review of file for closed spill 0509762 V. Brevdo decided to close Spill 0502332. All environmental concerns have been addressed via remediation of Spill No. 0509762. V. Brevdo discussed decision to close spill 0502332 with Raphael Ketani, project manager for Spill No 0509762, on September 27, 2012. Raphael had no objections against closing spill 0502332. Spill is closed effective September 25, 2012. V. Brevdo09/27/2012 - V. Brevdo"September 27, 2012 Dear Mr. Stuart, I have reviewed documents you submitted on September 25, 2012 regarding spill cases 0502332 and 0509762. I also reviewed file information for spill 0509762. The aforementioned review has resulted in the following determination by the Department: Contamination associated with spill 0502332 was investigated and remediated under spill 0509762. All environmental concerns that existed at the site have been addressed via remediation of Spill No. 0509762. I have discussed this matter with Mr. Raphael Ketani, project manager for Spill No 0509762, on September 27, 2012. Please be advised that Spill 0502332 is closed effective September 25, 2012. Please contact me if you have any questions regarding this matter. Respectfully, Vadim Brevdo"09/27/2012 - V. Brevdo"Dear Mr. Stuart: Followup. When I stated in my previous e-mail that all environmental concerns that existed at the site have been addressed via remediation of Spill No. 0509762, the meaning of this statement is that all environmental concerns related to petroleum spill have been addressed via remediation of Spill No. 0509762. Respectfully,Vadim"

Remarks: UNDERGROUND AND ITS A HISTORIC SPILL. CONTAMINATION OF THE SOIL.

Material:

Site ID:	346674
Operable Unit ID:	1104434
Operable Unit:	01
Material ID:	584645
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum

CONSTRUCTION SITE (Continued) **S106968231**

Quantity: Not reported
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Facility ID: 0509762
Facility Type: ER
DER Facility ID: 292936
Site ID: 355591
DEC Region: 2
Spill Date: 11/15/2005
Spill Number/Closed Date: 0509762 / 3/9/2006
Spill Cause: Other
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 2401
Investigator: rvketani
Referred To: Not reported
Reported to Dept: 11/15/2005
CID: 444
Water Affected: Not reported
Spill Source: Institutional, Educational, Gov., Other
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 11/15/2005
Spill Record Last Update: 4/7/2015
Spiller Name: T & L INVESTERS
Spiller Company: CONSTRUCTION SITE
Spiller Address: 370 4TH AVE
Spiller City,St,Zip: BROOKLYN, NY
Spiller Company: 001
Contact Name: T & L INVESTERS
Contact Phone: (718) 399-3800
DEC Memo: need to send CSL12/8/05 - Raphael Ketani. I called Dominic Tonacchio of T&L Investors ((718) 399-3800), 615 Baltic St., Brklyn., 11215, regarding the site. He said that the site had been completely dug out and clean end point samples taken. He added that the footings have already gone into the ground and that there is nothing left to excavate. I asked him who did the phase 2. He said it was Mike Baldwin of Trade Winds Environmental. I called Mr. Baldwin, but could only leave a message at (516) 779-5234 (cell). I will send a "contaminated soil" letter.12/14/05 - Raphael Ketani. Mr. Baldwin ((631) 435-8900) gave me a call on 12/12 and said that 40 cu. yds. of contaminated soil had been removed.I spoke to Mr. Baldwin again. He said that the contamination started at 6 feet below grade. They dug down 17 feet. He said that they can't go any further without endangering the support for a building next door. I told him he could stop and take soil samples and send me the results. He said he

CONSTRUCTION SITE (Continued) **S106968231**

would.12/29/05 - Raphael Ketani. Mr. Baldwin said that he is no longer the project manager, but that they are working on getting clean end point samples. He said someone would call me back next week.1/5/06 - Raphael Ketani. I called Mike Baldwin regarding remediation progress. He said that they took end point samples. He said they followed the contaminated soil down to the water table (22' below grade). Mr. Baldwin commented that when soil is excavated it has a strong odor. PID readings are 122ppm or higher. He said the property is 198'X 51'. I told him to put in 2 wells and take samples. He said he would. He said the property will have condos built on it. Lastly, he said Artie Baldwin (his dad) is the case manager.1/24/06 - Raphael Ketani. I hadn't received the analytical data for the water samples that were supposed to be taken at the site. I left a voice mail message for Artie Baldwin to call me back regarding the analytical results. 1/25/06 - Raphael Ketani. Artie Baldwin called me back ((516) 779-7824 cell) and said that 2 wells will be installed this monday. Then, later, they will take the water samples.2/13/06 - Raphael Ketani. Paul Stewart of Advanced Cleanup Technologies ((631) 293-4992, ext 12) called regarding what more DEC needed in order to close the case. He said that Trade Winds had removed all of the soil they could at the site. He said that Trade Winds installed the wells and backfilled the pit. I told him I hadn't received soil sample results. Mr. Stewart added that water is at about 13 feet and that Trade Winds had dug into the water table. I told him to send me water sample results instead. 2/14/06 - Raphael Ketani. Artie Baldwin of Trade Winds called. He said he will samples the wells tomorrow. 2/23/06 - Raphael Ketani. I received the groundwater analytical results via a 2/17 FAX. SVOCs were non-detect or just above TAGM for both wells. VOCs were non-detect for well #1, except for 3 benzene type analytes: 38 to 57 ppb. VOCs were non-detect for well #2, except for 7 benzene and xylene type analytes: 40 to 213 ppb. I contacted Artie Baldwin and told him to do 1 round of vacuuming, let the wells sit for a week, then slowly resample and send me the results. He said he would.3/1/06 - Raphael Ketani. I received the analytical results for the succeeding round of groundwater samples taken 2/27/06 via FAX from Artie Baldwin. As before, the SVOCs are all non-detect for well 2 with just a few analytes at 16 ppb for well 1. VOCs in well 1 were 32 to 63 ppb for 3 benzene species and the other VOCs were non-detect. VOCs in well 2 were 10 to 84 ppb for 4 benzene species, toluene, and 2 xylene species, and the other VOCs were non-detect. I asked Mr. Baldwin whether there were any commercial sites that might be affecting this property in the subsurface. He said there is a former gas station next door to the north and another across the street. I looked up the spill database and found AMOCO S/S #13397 at 363 Fourth Avenue. This site is actively being managed by Keri of DER and has spill number #8901904. There are 4 in service gas tanks, 1 gas tank out of service, and 15 other tanks which have been converted to Micro Conversion. Soil contamination is present in the subsurface. PBS # 2-401455. 3/6/06 - Raphael Ketani. I received a call from Paul Stewart of Advanced Cleanup Technologies ((631) 293-4992, ext. 12). He asked what could be done with the open spill case as the bank is asking questions because they don't know where to go from here. I told Mr. Stewart that the VOC concentrations weren't high, but they were elevated. I added that since they plan to build a condominium on the site, then the public needs protection from any vapors. He said that they will install a vapor barrier and a passive venting system that can become an active venting system. I told him that sounded

CONSTRUCTION SITE (Continued) **S106968231**

like a good solution, but that I would have to receive a plan or diagram for this system that is acceptable to the DEC before I will close the case. He said he will send me such a plan.3/9/06 - Raphael Ketani. I received a two page plan with cover letter from Drew Dillingham, P.E. of P.W. Grosser Consulting Inc. The plans were for a vapor barrier and vapor venting system. Based upon the previous documentation, the analytical results and the vapor management engineering plans, I am closing the spill case. I will send a no further action letter.

Remarks: DURING SOIL TESTING CAME ACCROSS CONTAMINATION:

Material:

Site ID:	355591
Operable Unit ID:	1112941
Operable Unit:	01
Material ID:	2102986
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

G18 **2ND & 3RD AVE** **NY Spills** **S104510741**
North **2ND & 3RD AVE** **N/A**
< 1/8 **BROOKLYN, NY**
0.076 mi.
401 ft. **Site 1 of 8 in cluster G**

Relative: **Lower**

Actual: **14 ft.**

SPILLS:

Facility ID:	9914001
Facility Type:	ER
DER Facility ID:	109674
Site ID:	126958
DEC Region:	2
Spill Date:	3/11/2000
Spill Number/Closed Date:	9914001 / 8/8/2003
Spill Cause:	Unknown
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	SMSANGES
Referred To:	Not reported
Reported to Dept:	3/11/2000
CID:	282
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Local Agency
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False

2ND & 3RD AVE (Continued) **S104510741**

UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	3/11/2000
Spill Record Last Update:	6/30/2004
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller Company:	999
Contact Name:	MR KESSEL
Contact Phone:	(212) 788-4044
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"
Remarks:	THEY HAD A WASTE OIL SPILL ON THE STREET AT THE ABOVE LOCATIONTHE NYC DEPT WAS ON THE SCENE ALSO.SPILL WAS CLEANED UP.

Material:

Site ID:	126958
Operable Unit ID:	1092302
Operable Unit:	01
Material ID:	292295
Material Code:	0022
Material Name:	waste oil/used oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

G19
North
< 1/8
0.077 mi.
404 ft.

MAN HOLE 5354
3RD AND AVE AND 2ND STREET
BROOKLYN, NY

Site 2 of 8 in cluster G

NY Spills **S110540059**
N/A

Relative:
Lower

Actual:
14 ft.

SPILLS:

Facility ID:	1006176
Facility Type:	ER
DER Facility ID:	394522
Site ID:	439522
DEC Region:	2
Spill Date:	9/4/2010
Spill Number/Closed Date:	1006176 / 9/24/2010
Spill Cause:	Unknown
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	RWAUSTIN
Referred To:	Not reported
Reported to Dept:	9/4/2010
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial

MAN HOLE 5354 (Continued) **S110540059**

Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	9/4/2010
Spill Record Last Update:	9/24/2010
Spiller Name:	ERT
Spiller Company:	CONEDISON
Spiller Address:	3RD AND AVE AND 2ND STREET
Spiller City,St,Zip:	BROOKLYN, NY
Spiller Company:	999
Contact Name:	ERT
Contact Phone:	(212) 580-8383
DEC Memo:	9/24/10 - Austin - Unk. oil found on water in vault - hole in concrete floor was patched after cleanup - Con Ed contained and removed spill - see documents in eDocs for further information - spill closed - end
Remarks:	1 gallon of oil on 50 gallons of water.

Material:

Site ID:	439522
Operable Unit ID:	1190160
Operable Unit:	01
Material ID:	2185130
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1
Units:	Gallons
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

H20 **CONSTRUCTION SITE** **NY Spills** **S113818062**
ESE **340 4TH AVE** **N/A**
< 1/8 **BROOKLYN, NY**
0.077 mi.
405 ft. **Site 1 of 5 in cluster H**

Relative:
Higher

Actual:
26 ft.

SPILLS:

Facility ID:	1302908
Facility Type:	ER
DER Facility ID:	333884
Site ID:	483360
DEC Region:	2
Spill Date:	6/17/2013
Spill Number/Closed Date:	1302908 / 6/17/2013
Spill Cause:	Unknown
Spill Class:	Possible release with minimal potential for fire or hazard or Known release with no damage. DEC Response. Willing Responsible Party. Corrective action taken.

CONSTRUCTION SITE (Continued) **S113818062**

SWIS:	2401
Investigator:	RMPIPER
Referred To:	Not reported
Reported to Dept:	6/17/2013
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Citizen
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	6/17/2013
Spill Record Last Update:	6/19/2013
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller Company:	999
Contact Name:	UNKNOWN
Contact Phone:	Not reported
DEC Memo:	could not decipher address from report. Contacted hotline and that is what was taken. No other info avail as caller was anonymous. spill closed due to lack of info.Caller followed up and gave correct address. Open spill 0704349 exists. This spill remains closed as it is a duplicate. See 0704349 for more info.
Remarks:	caller reports stong gas smell and dark soil being excavated

Material:

Site ID:	483360
Operable Unit ID:	1233077
Operable Unit:	01
Material ID:	2231940
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Gallons
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

F21
SE
< 1/8
0.077 mi.
406 ft.

PAVEMENT
354 FOURTH AVE
BROOKLYN, NY

Site 3 of 23 in cluster F

NY Spills **S117851394**
N/A

Relative:
Higher

Actual:
27 ft.

SPILLS:

Facility ID:	1411951
Facility Type:	ER
DER Facility ID:	460565
Site ID:	505756
DEC Region:	2
Spill Date:	3/22/2015
Spill Number/Closed Date:	1411951 / 3/23/2015
Spill Cause:	Unknown
Spill Class:	Not reported
SWIS:	3101
Investigator:	HRAHMED
Referred To:	Not reported
Reported to Dept:	3/22/2015
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	3/22/2015
Spill Record Last Update:	3/23/2015
Spiller Name:	ED
Spiller Company:	PEP BOYS
Spiller Address:	354 FOURTH AVE
Spiller City,St,Zip:	BROOKLYN, NY
Spiller Company:	999
Contact Name:	ED
Contact Phone:	6097) 049-990
DEC Memo:	3/23/15- Ahmed- 6 gal motor oil spilled on concrete, cleanup done.
Remarks:	clean up in progress

Material:

Site ID:	505756
Operable Unit ID:	1255063
Operable Unit:	01
Material ID:	2257751
Material Code:	0015
Material Name:	motor oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	6
Units:	Gallons
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

F22
SE
< 1/8
0.077 mi.
406 ft.

PEP BOYS #0247
354 4TH AVENUE
BROOKLYN, NY 11215

Site 4 of 23 in cluster F

NY UST **U001831292**
NY HIST UST **N/A**

Relative:
Higher

Actual:
27 ft.

UST:

Id/Status:	2-032301 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	07/26/2019
UTM X:	585730.96718000004
UTM Y:	4502991.9828199996
Site Type:	Other Wholesale/Retail Sales

Affiliation Records:

Site Id:	204
Affiliation Type:	Mail Contact
Company Name:	PEP BOYS - MANNY, MOE & JACK
Contact Type:	Not reported
Contact Name:	ANGELA BANKS
Address1:	3111 W. ALLEGHENY AVENUE
Address2:	ENVIRONMENTAL DEPARTMENT
City:	PHILADELPHIA
State:	PA
Zip Code:	19132
Country Code:	001
Phone:	(215) 430-9645
EMail:	ANGELA_BANKS@PEPBOYS.COM
Fax Number:	Not reported
Modified By:	CGFREEDM
Date Last Modified:	9/23/2014

Site Id:	204
Affiliation Type:	On-Site Operator
Company Name:	PEP BOYS #0247
Contact Type:	Not reported
Contact Name:	PEP BOYS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 596-2833
EMail:	Not reported
Fax Number:	Not reported
Modified By:	CGFREEDM
Date Last Modified:	8/5/2014

Site Id:	204
Affiliation Type:	Emergency Contact
Company Name:	RELACO HOLDING CO., LLC
Contact Type:	Not reported
Contact Name:	ANGELA BANKS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN

PEP BOYS #0247 (Continued) **U001831292**

Zip Code:	Not reported
Country Code:	999
Phone:	(267) 994-0038
EMail:	Not reported
Fax Number:	Not reported
Modified By:	CGFREEDM
Date Last Modified:	8/5/2014

Site Id:	204
Affiliation Type:	Facility Owner
Company Name:	RELACO HOLDING CO., LLC
Contact Type:	MANAGER
Contact Name:	ANGELA BANKS
Address1:	362 KINGSLAND AVE.
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11222
Country Code:	001
Phone:	(718) 391-5300
EMail:	Not reported
Fax Number:	Not reported
Modified By:	CGFREEDM
Date Last Modified:	8/5/2014

Tank Info:

Tank Number:	001A
Tank ID:	51747
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	04/01/1998
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel

Tightness Test Method:	01
Date Test:	12/01/1995
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
B99 - Tank External Protection - Other
D02 - Pipe Type - Galvanized Steel
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B01 - Tank External Protection - Painted/Asphalt Coating
C02 - Pipe Location - Underground/On-ground
F00 - Pipe External Protection - None

PEP BOYS #0247 (Continued) **U001831292**

I00 - Overfill - None

Tank Number:	001B
Tank ID:	51748
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	04/01/1998
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	01
Date Test:	12/01/1995
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating
C02 - Pipe Location - Underground/On-ground
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
B99 - Tank External Protection - Other
D02 - Pipe Type - Galvanized Steel
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number:	001C
Tank ID:	51749
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	04/01/1998
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	01
Date Test:	12/01/1995
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating

PEP BOYS #0247 (Continued) **U001831292**

C02 - Pipe Location - Underground/On-ground
F00 - Pipe External Protection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
B99 - Tank External Protection - Other
D02 - Pipe Type - Galvanized Steel
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None

Tank Number:	001D
Tank ID:	51750
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	04/01/1998
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	01
Date Test:	12/01/1995
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating
C02 - Pipe Location - Underground/On-ground
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
B99 - Tank External Protection - Other
D02 - Pipe Type - Galvanized Steel
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
I00 - Overfill - None

Tank Number:	001E
Tank ID:	51752
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	04/01/1998
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	01

PEP BOYS #0247 (Continued) **U001831292**

Date Test: 12/01/1995
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
C02 - Pipe Location - Underground/On-ground
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
B99 - Tank External Protection - Other
D02 - Pipe Type - Galvanized Steel
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
I00 - Overfill - None

Tank Number: 001F
Tank ID: 51751
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 04/01/1998
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: 01
Date Test: 12/01/1995
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
B99 - Tank External Protection - Other
D02 - Pipe Type - Galvanized Steel
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B01 - Tank External Protection - Painted/Asphalt Coating
C02 - Pipe Location - Underground/On-ground
F00 - Pipe External Protection - None
I00 - Overfill - None

Tank Number: 002A
Tank ID: 51754
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported

PEP BOYS #0247 (Continued) **U001831292**

Date Tank Closed: 04/01/1998
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: 01
Date Test: 12/01/1995
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

I00 - Overfill - None
A00 - Tank Internal Protection - None
B99 - Tank External Protection - Other
D02 - Pipe Type - Galvanized Steel
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
C02 - Pipe Location - Underground/On-ground
F00 - Pipe External Protection - None

Tank Number: 002B
Tank ID: 51755
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 04/01/1998
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: 01
Date Test: 12/01/1995
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating
C02 - Pipe Location - Underground/On-ground
F00 - Pipe External Protection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
B99 - Tank External Protection - Other
D02 - Pipe Type - Galvanized Steel
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None

PEP BOYS #0247 (Continued) **U001831292**

Tank Number:	002C
Tank ID:	51756
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	04/01/1998
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	01
Date Test:	12/01/1995
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

A00 - Tank Internal Protection - None
B99 - Tank External Protection - Other
D02 - Pipe Type - Galvanized Steel
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
C02 - Pipe Location - Underground/On-ground
F00 - Pipe External Protection - None
I00 - Overfill - None

Tank Number:	002D
Tank ID:	51758
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	04/01/1998
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	01
Date Test:	12/01/1995
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
B99 - Tank External Protection - Other
D02 - Pipe Type - Galvanized Steel

PEP BOYS #0247 (Continued) **U001831292**

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B01 - Tank External Protection - Painted/Asphalt Coating
C02 - Pipe Location - Underground/On-ground
F00 - Pipe External Protection - None
I00 - Overfill - None

Tank Number:	003A
Tank ID:	54676
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
C02 - Pipe Location - Underground/On-ground
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
B99 - Tank External Protection - Other
D02 - Pipe Type - Galvanized Steel
G00 - Tank Secondary Containment - None
I00 - Overfill - None

Tank Number:	003B
Tank ID:	54677
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT

PEP BOYS #0247 (Continued) **U001831292**

Last Modified: 03/04/2004

Equipment Records:

H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
B99 - Tank External Protection - Other
D02 - Pipe Type - Galvanized Steel
G00 - Tank Secondary Containment - None
B01 - Tank External Protection - Painted/Asphalt Coating
C02 - Pipe Location - Underground/On-ground
F00 - Pipe External Protection - None
I00 - Overfill - None

HIST UST:

PBS Number:	2-032301
SPDES Number:	Not reported
Emergency Contact:	THOMAS P. FASINI
Emergency Telephone:	(516) 795-1197
Operator:	PETER DONANTE
Operator Telephone:	(718) 834-7888
Owner Name:	COTARD REALTY ASSOCIATES
Owner Address:	362 KINGSLAND AVE.
Owner City,St,Zip:	BROOKLYN, NY 11222
Owner Telephone:	(718) 389-2100
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Name:	MENDON LEASING CORP
Mailing Address:	362 KINGSLAND AVE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BROOKLYN, NY 11222
Mailing Contact:	THOMAS P. FASINI
Mailing Telephone:	(718) 389-2100
Owner Mark:	First Owner
Facility Status:	2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.
Facility Addr2:	354 4TH AVENUE
SWIS ID:	6101
Old PBS Number:	Not reported
Facility Type:	TRUCKING/TRANSPORTATION
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	04/17/1997
Expiration Date:	12/02/2001
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	0
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	0
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61

PEP BOYS #0247 (Continued) **U001831292**

Town or City:	01
Region:	2
Tank Id:	001A
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	550
Product Stored:	DIESEL
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	91
Pipe Location:	Underground
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	None
Dispenser:	Suction
Date Tested:	12/01/1995
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	04/01/1998
Test Method:	Petro-Tite
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	001B
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	550
Product Stored:	DIESEL
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	91
Pipe Location:	Underground
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	None
Dispenser:	Suction
Date Tested:	12/01/1995
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	04/01/1998
Test Method:	Petro-Tite
Deleted:	False
Updated:	True
Lat/long:	Not reported

PEP BOYS #0247 (Continued) **U001831292**

Tank Id:	001C
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	550
Product Stored:	DIESEL
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	91
Pipe Location:	Underground
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	None
Dispenser:	Suction
Date Tested:	12/01/1995
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	04/01/1998
Test Method:	Petro-Tite
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	001D
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	550
Product Stored:	DIESEL
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	91
Pipe Location:	Underground
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	None
Dispenser:	Suction
Date Tested:	12/01/1995
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	04/01/1998
Test Method:	Petro-Tite
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	001E
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed

PEP BOYS #0247 (Continued) **U001831292**

Install Date:	Not reported
Capacity (gals):	550
Product Stored:	DIESEL
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	91
Pipe Location:	Underground
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	None
Dispenser:	Suction
Date Tested:	12/01/1995
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	04/01/1998
Test Method:	Petro-Tite
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	001F
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	550
Product Stored:	DIESEL
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	91
Pipe Location:	Underground
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	None
Dispenser:	Suction
Date Tested:	12/01/1995
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	04/01/1998
Test Method:	Petro-Tite
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	002A
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	550
Product Stored:	DIESEL

PEP BOYS #0247 (Continued) **U001831292**

Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	91
Pipe Location:	Underground
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	None
Dispenser:	Suction
Date Tested:	12/01/1995
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	04/01/1998
Test Method:	Petro-Tite
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	002B
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	550
Product Stored:	DIESEL
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	91
Pipe Location:	Underground
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	None
Dispenser:	Suction
Date Tested:	12/01/1995
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	04/01/1998
Test Method:	Petro-Tite
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	002C
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	550
Product Stored:	DIESEL
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	91

PEP BOYS #0247 (Continued) **U001831292**

Pipe Location:	Underground
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	None
Dispenser:	Suction
Date Tested:	12/01/1995
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	04/01/1998
Test Method:	Petro-Tite
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	002D
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	550
Product Stored:	DIESEL
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	91
Pipe Location:	Underground
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	None
Dispenser:	Suction
Date Tested:	12/01/1995
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	04/01/1998
Test Method:	Petro-Tite
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	003A
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	550
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	91
Pipe Location:	Underground
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	None

PEP BOYS #0247 (Continued) **U001831292**

Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	None
Dispenser:	0
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	003B
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	550
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	91
Pipe Location:	Underground
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	None
Dispenser:	0
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

F23 **PEP BOYS #0247** **NY CBS S108410815**
SE **354 4TH AVE** **NY Spills N/A**
< 1/8 **BROOKLYN, NY 08030**
0.077 mi.
406 ft. **Site 5 of 23 in cluster F**

Relative:
Higher

Actual:
27 ft.

CBS:

CBS Number:	2-000417
Program Type:	CBS
Facility Status:	Unregulated/Closed
Expiration Date:	07/06/2007
Dec Region:	2
UTMX:	585682.38843000
UTMY:	4503016.0795600

SPILLS:

PEP BOYS #0247 (Continued) **S108410815**

Facility ID:	9800967
Facility Type:	ER
DER Facility ID:	68111
Site ID:	72114
DEC Region:	2
Spill Date:	4/22/1998
Spill Number/Closed Date:	9800967 / 3/19/2002
Spill Cause:	Unknown
Spill Class:	Known release that creates potential for fire or hazard. (Highly Improbable)
SWIS:	2401
Investigator:	MCTIBBE
Referred To:	Not reported
Reported to Dept:	4/22/1998
CID:	370
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	4/22/1998
Spill Record Last Update:	3/19/2002
Spiller Name:	ABOVE CALLER
Spiller Company:	MENDON LEASING
Spiller Address:	354 4TH AVE
Spiller City,St,Zip:	BROOKLYN, ZZ
Spiller Company:	001
Contact Name:	ABOVE CALLER
Contact Phone:	Not reported
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"see file.
Remarks:	tank removal found contaminated soil - spill contained - unk further about cleanup

Material:

Tank Test:

F24
SE
< 1/8
0.077 mi.
406 ft.

354 4TH AVE
BROOKLYN, NY 11215

EDR US Hist Auto Stat **1015445296**
N/A

Site 6 of 23 in cluster F

Relative:
Higher

Actual:
27 ft.

EDR Historical Auto Stations:

Name:	PEP BOYS AUTOMOTIVE
Year:	2003
Address:	354 4TH AVE
Name:	PEP BOYS AUTOMOTIVE SUPERCENTER
Year:	2007
Address:	354 4TH AVE

F25 **PEP BOYS 247** **RCRA NonGen / NLR** **1004761053**
SE **354 4TH AVE** **FINDS** **NYR000071936**
< 1/8 **BROOKLYN, NY 11215** **NY MANIFEST**
0.077 mi.
406 ft. **Site 7 of 23 in cluster F**

Relative:
Higher

Actual:
27 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	PEP BOYS 247
Facility address:	354 4TH AVE BROOKLYN, NY 11215
EPA ID:	NYR000071936
Mailing address:	W ALLEGHENY AVE PHILADELPHIA, NY 19132
Contact:	JOHN KERELO
Contact address:	W ALLEGHENY AVE PHILADELPHIA, NY 19132
Contact country:	US
Contact telephone:	(215) 430-9277
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	THE PEP BOYS - MANNY MOE & JACK
Owner/operator address:	3111 W ALLEGHENY AVE PHILADELPHIA, PA 19132
Owner/operator country:	US
Owner/operator telephone:	(215) 430-9277
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	THE PEP BOYS - MANNY MOE & JACK
Owner/operator address:	3111 W ALLEGHENY AVE PHILADELPHIA, PA 19132
Owner/operator country:	US
Owner/operator telephone:	(215) 430-9277
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

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

PEP BOYS 247 (Continued) **1004761053**

Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Site name: PEP BOYS 247
Classification: Not a generator, verified

Date form received by agency: 05/28/1999
Site name: PEP BOYS 247
Classification: Conditionally Exempt Small Quantity Generator

Waste code: D001
Waste name: IGNITABLE WASTE

Violation Status: No violations found

FINDS:

Registry ID: 110004553395

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

NY MANIFEST:
EPA ID: NYR000071936
Country: USA
Location Address 1: 354 4TH AVE
Location Address 2: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip Code: 11215
Location Zip Code 4: Not reported

Mailing Info:
Name: PEP BOYS 247
Contact: PEP BOYS 247
Address: 354 4TH AVE
City/State/Zip: BROOKLYN, NY 11215
Country: USA
Phone: Not reported

Manifest:

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: CTD983872698
Trans2 State ID: NJR000063677
Generator Ship Date: 09/10/2014
Trans1 Recv Date: 09/10/2014

APPENDIX B

GEOPHYSICAL SURVEY REPORT

GEOPHYSICAL ENGINEERING SURVEY REPORT

Parking Lot
252 3rd Street,
Brooklyn, NY 11215

NOVA PROJECT NUMBER:
25-5402

DATED:
December 23, 2025

PREPARED FOR:

LANGAN

300 Kimball Drive
4th Floor
Parsippany, New Jersey 07054-2172
www.langan.com

PREPARED BY:

NOVA
GEOPHYSICAL
ENGINEERING
Subsurface Mapping Solutions
56-01 Marathon Parkway # 765
Douglaston, New York 11362
347-556-7787 (PHONE)
718-261-1527(FAX)
www.nova-gsi.com

NOVA GEOPHYSICAL SERVICES

SUBSURFACE MAPPING SOLUTIONS
56-01 Marathon Parkway #765, Douglaston, New York 11362
Ph. 347-556-7787 Fax. 718-261-1527
www.novagsi.com

December 23, 2025

Lisa Cristiano
Senior Staff Engineer
LANGAN
368 Ninth Avenue, 8th Floor,
New York, NY 10001-2727
D: 212.479.5499 M: 646.906.0687

Re: Geophysical Engineering Survey (GES) Report
Parking Lot
252 3rd Street,
Brooklyn, NY 11215

Dear Ms. Cristiano,

Nova Geophysical Services (NOVA) is pleased to provide the findings of the geophysical engineering survey (GES) at the above referenced project site: 252 3rd Street, Brooklyn, NY (the "Site").

INTRODUCTION TO GEOPHYSICAL ENGINEERING SURVEY (GES)

NOVA performed a geophysical engineering survey (GES) consisting of a Ground Penetrating Radar (GPR) and Electromagnetic (EM) survey at the site. The purpose of this survey is to locate and identify utilities, and other substructures as well as to clear and mark proposed boring locations at the project site on December 22nd, 2025.

The equipment selected for this investigation was a GSSI UtilityScan 350 MHz ground penetrating radar (GPR) with a shielded antenna Sensors and Software Noggin 250 MHz GPR with a shielded antenna and a RadioDetection RD7100 Electromagnetic utility locator

A GPR system consists of a radar control unit, control cable, and transducer (antenna). The control unit transmits a trigger pulse at a normal repetition rate of 250/350 MHz. The trigger pulse is sent to the transmitter electronics in the transducer via the control cable. The transmitter electronics amplify the trigger pulse into bipolar pulses that are radiated to the surface. The transformed pulses vary in shape and frequency according to the transducer used. In the subsurface, variations of the signal occur at boundaries where there is a dielectric contrast (void, steel, soil type, etc.). Signal reflections travel back to the control unit and are represented as color graphic images for interpolation.

A typical electromagnetic (EM) utility locating system consists of a transmitter unit and a receiver unit. The receiver unit can be used independently of the transmitter unit in order to detect utility lines with an inherent EM signature (electric utility lines, water lines, etc.). If needed a current at a specific frequency can also be placed on a utility that is being located. This can be done via the transmitter unit by either direct connection or induction via an EM field varying at specific frequency. The receiver unit is then set to the selected frequency and the electromagnetic field created by the current running through the utility can be located allowing the utility to be marked.

GEOPHYSICAL METHODS

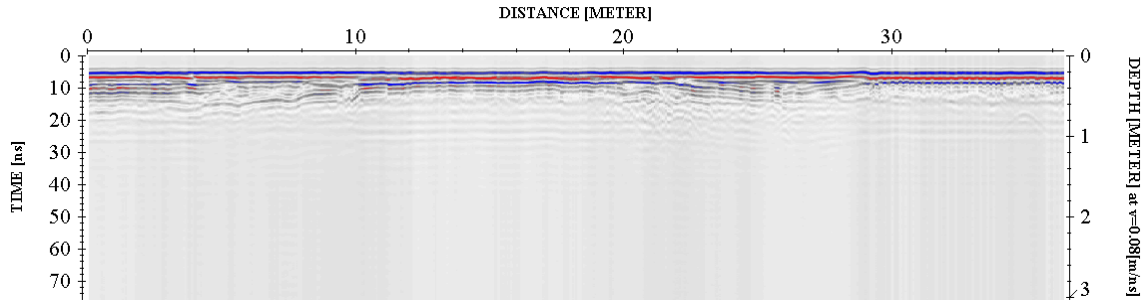
The project site was screened using GPR to search the specified area and inspected for reflections, which could be indicative of substructures and utilities within the subsurface. An EM utility locator was used to help determine the locations of utilities within the survey area.

EM data was collected and interpreted on site and suspected utilities marked as needed. GPR data profiles were collected for the areas of the Site specified by the client and processed as specified below.

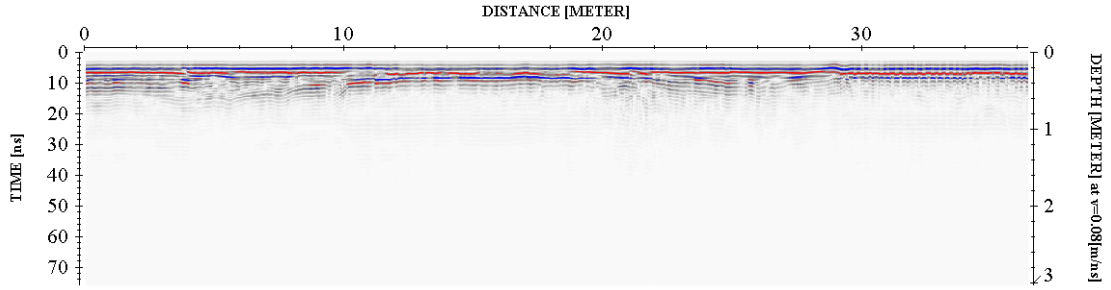
DATA PROCESSING

In order to improve the quality of the results and to better identify anomalies NOVA processed the collected data. The processing work flow is briefly described in this section.

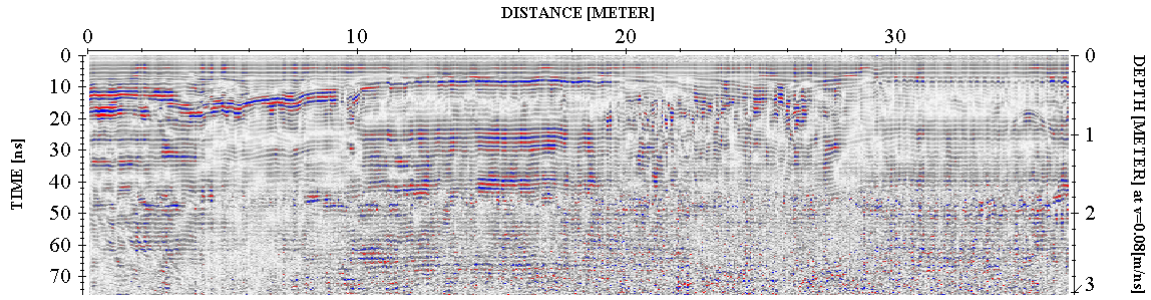
Step 1. Import Raw RAMAC data to standard processing format



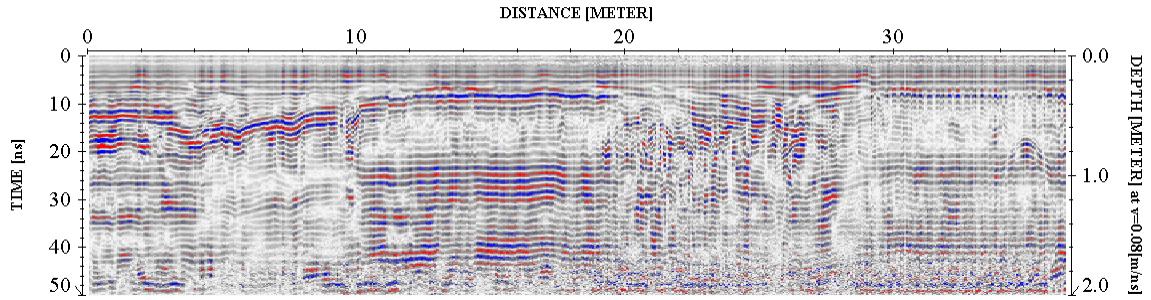
Step 2. Remove instrument noise *(dewow)*



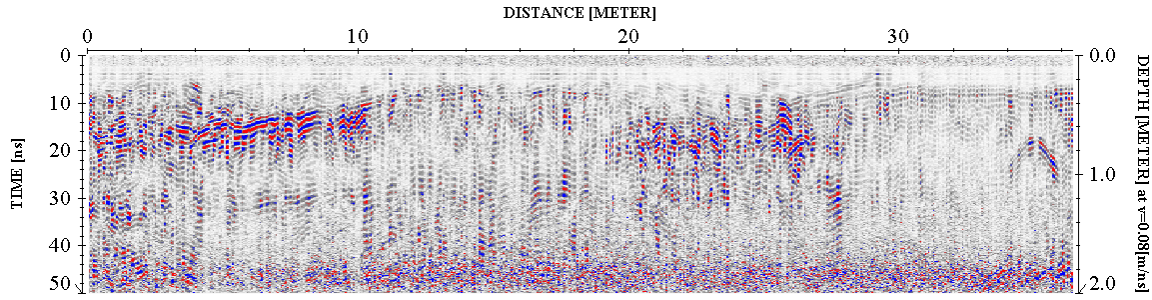
Step 3. Correct for attenuation losses *(energy decay function)*



Step 4. Remove static from bottom of profile *(time cut)*



Step 5. Mute horizontal ringing/noise *(subtracting average)*



The above example shows the significance of data processing. The last image (step 5) has higher resolution than the starting image (raw data – step 1) and represents the subsurface anomalies much more accurately.

PHYSICAL SETTINGS

NOVA observed the following physical conditions at the time of the survey.

Weather: Sunny

Temperature: 32° F

Surface: Gravel/ Concrete

Survey Parameters: GPR scans were conducted within the survey area as shown on the survey plan. In tandem with the GPR, scans were conducted with an RD7100 Electromagnetic utility locator. Surveying was conducted over proposed drilling locations and additional areas of interest.

Limitations: The geophysical noise level (GNL) at the site was high due to it being an urban environment along with any other anthropogenic sources.

RESULTS

The results of the geophysical engineering survey (GES) identified the following at the project site:

- Anomalies resembling potential subsurface utilities (such as electric and gas, water and sewer) were identified, all utilities enter the site from 3rd Street. The approximate locations are shown in the survey plan.

- The GES identified multiple electrical utilities along the sidewalk within the survey area. One of the electrical utilities enters the site into an above ground electrical box. Throughout the site electrical utilizes are overhead on utility poles.

- The GES identified a gas line within the survey area that is located at 3’ below ground surface (BGS). The GES confirmed that this gas line is located on the sidewalk entering the staples building.

- The GES identified a water line within the survey area that is located at 4’ BGS this utility is located on the sidewalk entering the staples building.

- The GES found multiple spot anomalies throughout the survey area. Based on their reflection rates and proximity, these anomalies are consistent with buried debris and large rocks.

- The GES identified a sewer line along the sidewalk located at approximately 6ft-7ft BGS.

- The GES identified an anomaly located near the front gate of the site. Based on its reflection rate and proximity (approximately 4 feet bgs and 4 feet by 6 feet in size), its consistent with potential UST. This anomaly is shown within the survey map.

- NOVA cleared and marked all proposed boring locations with a 5x5 boxed area and adjusted them if in proximity to a utility or anomaly.

If you have any questions, please do not hesitate to contact the undersigned.

Sincerely,

NOVA Geophysical Services



Levent Eskicakit, P.G., E.P.

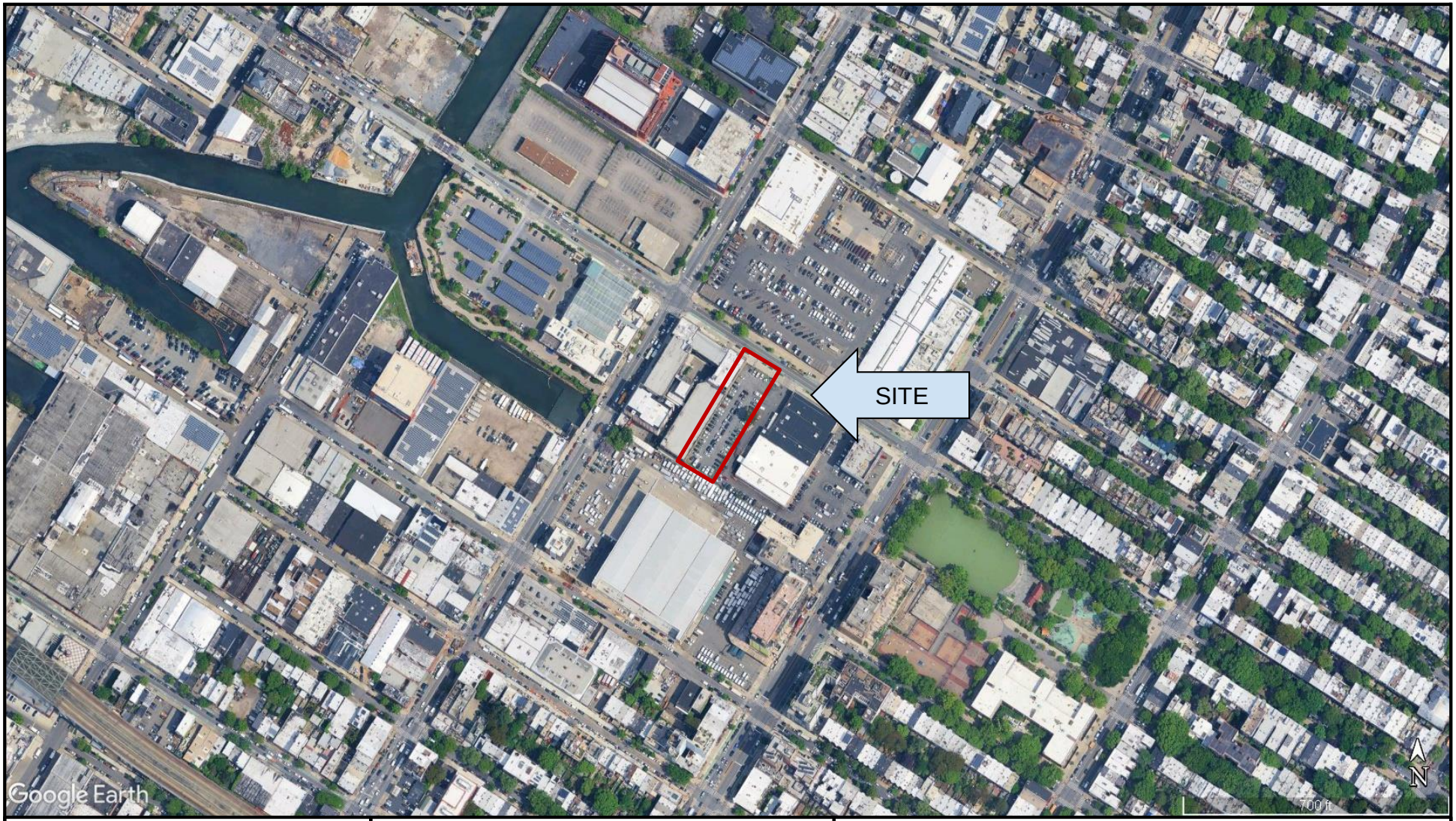
Project Manager

Attachments:

Location Map

Survey Plan

Geophysical Images

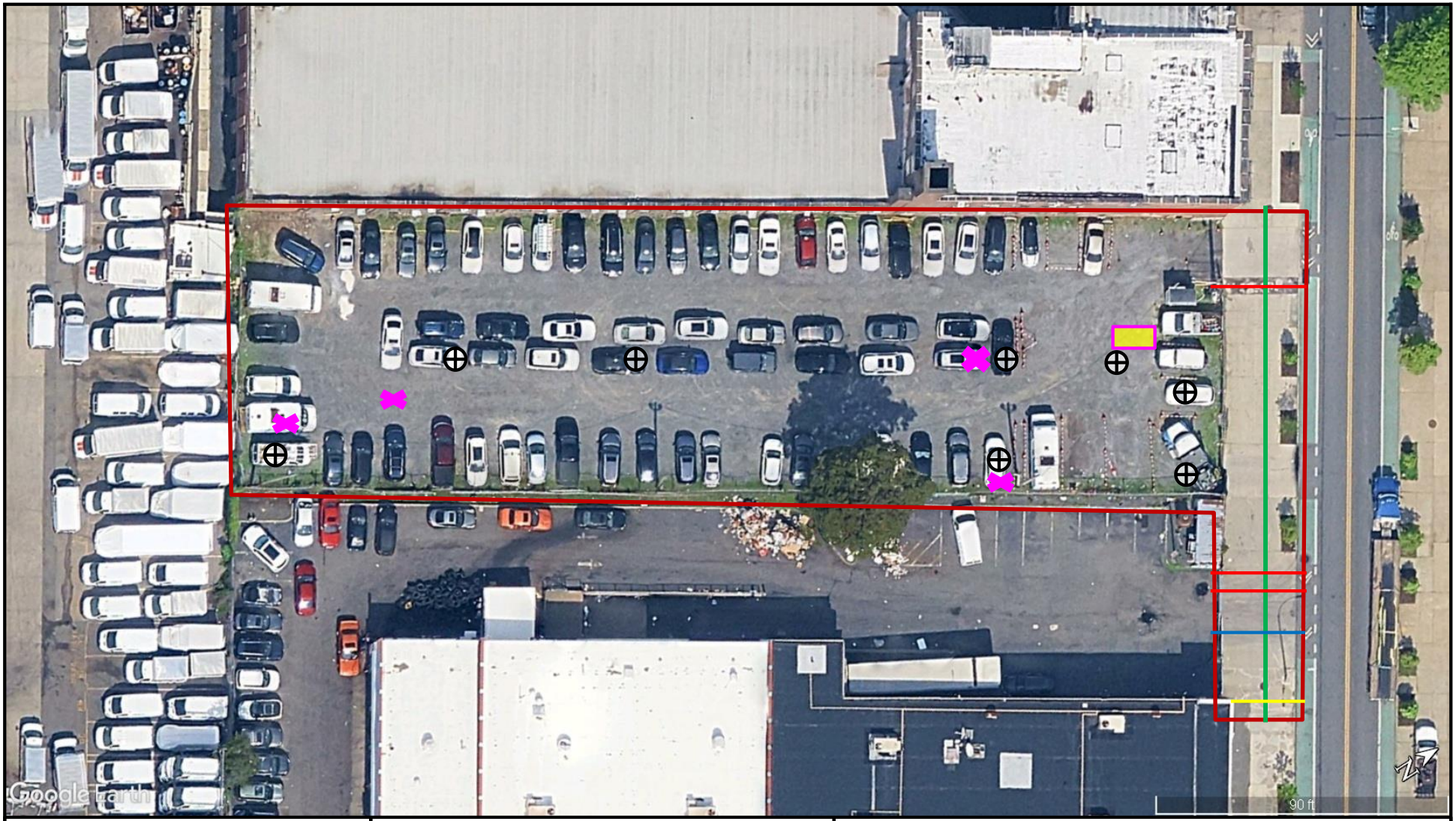


NOVA
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56-01 Marathon Parkway, # 765
Douglaston, New York 11362
Phone (347) 556-7787 * Fax (718) 261-1527
www.novagsi.com

Location Map

SITE:	**Parking Lot** 252 3rd Street, Brooklyn, NY 11215
CLIENT:	Langan
DATE:	December 22nd, 2025
AUTH:	Ethan Siegenthaler

LEGEND



NOVA
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SURVEY PLAN (2)

SITE:	**Parking Lot** 252 3rd Street, Brooklyn, NY 11215
CLIENT:	Langan
DATE:	December 22nd, 2025
AUTH:	Ethan Siegenthaler

LEGEND

- Survey Areas
- Sewer
- Water
- Electric
- Gas
- Potential UST
- Boring Location
- Spot Anomaly

Geophysical Images

Parking Lot
252 3rd Street,
Brooklyn, NY 11215
December 22nd, 2025









Geophysical Images

Parking Lot
252 3rd Street,
Brooklyn, NY 11215
December 22nd, 2025





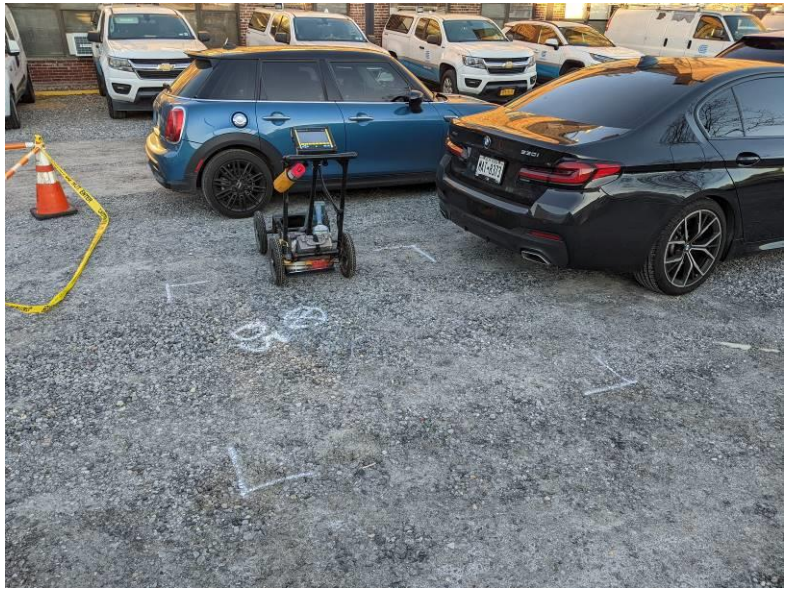




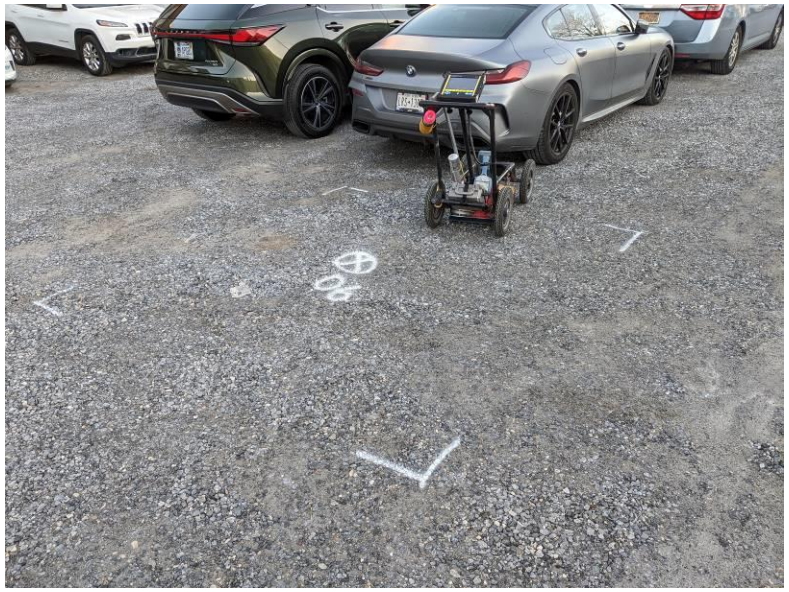
Geophysical Images

Parking Lot
252 3rd Street,
Brooklyn, NY 11215
December 22nd, 2025









Geophysical Images

Parking Lot
252 3rd Street,
Brooklyn, NY 11215
December 22nd, 2025









Geophysical Images

Parking Lot
252 3rd Street,
Brooklyn, NY 11215
December 22nd, 2025









Geophysical Images

Parking Lot
252 3rd Street,
Brooklyn, NY 11215
December 22nd, 2025









Geophysical Images

Parking Lot
252 3rd Street,
Brooklyn, NY 11215
December 22nd, 2025



APPENDIX C

SOIL BORING LOGS

LANGAN

Log of Boring SB01 Project No 170970401

Project: 252 3rd Street		Date Started: 12/22/2025	Date Finished: 12/23/2025
Location: Brooklyn, New York		Coordinates: N/A	
Drilling Contractor: Lakewood Environmental Services, Corp.		Elevation and Datum: N/A	
Drilling Method: Not Applicable		Completion Depth: 20.0 ft	Rock Depth: N/A
Drilling Equipment: Hand Auger / Geoprobe7822DT		Water Depth (ft.) First: ▽ 12.0	Completion: ▼ N/A / 24 Hour: ▼ N/A
Casing Diameter (in): N/A	Casing Depth (ft): N/A	Water Elevation (ft.) First: ▽ N/A	Completion: ▼ N/A / 24 Hour: ▼ N/A
Sampler: 48-inch Macrocore		Water Reading Date/Time: 12/23/2025 11:22 AM	N/A / N/A
Sampler Hammer: N/A	Weight (lbs): N/A / Drop (in): N/A	Drilling Foreman: Adam Hutchinson	Field Engineer: Lisa Cristiano

Material Symbol	Sample Description	Elev. (ft)	Depth Scale (ft)	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID (ppm)	Remarks
	GRAVEL	0.0	0					0.0	Hand cleared with 4-inch diameter hand auger
	GRAVELLY POORLY GRADED SAND with SILT (FILL) dark gray to dark brown, dense, dry, fine sand, fine to coarse subangular gravel, brick, coal, coalash							0.0	
			1					0.0	
								0.0	
			2					0.0	SB01_2-4
				HA-1	DIST	60/60		0.0	
			3					0.0	
								0.0	
			4					0.0	
								0.0	
	GRAVELLY POORLY GRADED SAND with SILT (FILL) light gray to grayish brown, dense, moist, fine sand, fine to coarse subangular gravel, coal, coalash, brick		5					0.0	
								0.0	
			6					0.0	
				M-1	Macrocore	36/36		0.0	
			7					0.2	
								0.0	
	GRAVELLY POORLY GRADED SAND with SILT (FILL) light gray to grayish brown, dense, moist, fine poorly graded sand, fine to coarse subangular gravel, coal, coalash, brick		8					0.0	
								0.0	
				M-2A				0.0	
			9					0.0	
	CLAYEY POORLY GRADED SAND with GRAVEL (SP-SC) light brown, loose, moist, fine sand, fine subrounded gravel							0.0	
			10		Macrocore	29/48			
				M-2B					
			11						
	CLAYEY POORLY GRADED SAND with GRAVEL (SP-SC) light brown, loose, wet, fine poorly graded sand, fine subrounded gravel		12					0.0	
								0.0	
			13					0.0	
			14	M-3	Macrocore	16/48			
			15						
			16						

LANGAN

Log of Boring SB01 Project No 170970401

Project	Coordinates
252 3rd Street	N/A
Location	**Elevation and Datum**
Brooklyn, New York	N/A

Material Symbol	Sample Description	Elev. (ft)	Depth Scale (ft)	Sample Data: Number	Sample Data: Type	Sample Data: Recov. (in)	Sample Data: Penetr-resist BL/6in	PID (ppm)	Remarks
			16						
	CLAYEY POORLY GRADED SAND with GRAVEL (SP-SC) light brown, loose, wet, fine poorly graded sand, fine subrounded gravel		17					0.0	
			18	M-4	Macrocore	5/48		0.0	
			19						
	End of Boring at 20.0 ft.		20						Boring backfilled to surface grade with clean soil cuttings.
			21						
			22						
			23						
			24						
			25						
			26						
			27						
			28						
			29						
			30						
			31						
			32						
			33						
			34						
			35						
			36						

LANGAN

Log of Boring SB02 Project No 170970401

Project: 252 3rd Street		Date Started: 12/22/2025	Date Finished: 12/23/2025
Location: Brooklyn, New York		Coordinates: N/A	
Drilling Contractor: Lakewood Environmental Services, Corp.		Elevation and Datum: N/A	
Drilling Method: Not Applicable		Completion Depth: 20.0 ft	Rock Depth: N/A
Drilling Equipment: Hand Auger / Geoprobe7822DT		Water Depth (ft.) First: ▽ 12.0	Completion: ▼ N/A / 24 Hour: ▼ N/A
Casing Diameter (in): N/A	Casing Depth (ft): N/A	Water Elevation (ft.) First: ▽ N/A	Completion: ▼ N/A / 24 Hour: ▼ N/A
Sampler: 48-inch Macrocore		Water Reading Date/Time: 12/23/2025 12:00 AM	N/A / N/A
Sampler Hammer: N/A	Weight (lbs): N/A / Drop (in): N/A	Drilling Foreman: Adam Hutchinson	Field Engineer: Lisa Cristiano

Material Symbol	Sample Description	Elev. (ft)	Depth Scale (ft)	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID (ppm)	Remarks
	GRAVEL	0.0	0					0.0	Hand cleared with 4-inch diameter hand auger
	POORLY GRADED SAND with SILT (FILL) gray to dark brown, dense, dry, trace subangular fine to coarse gravel, woody vegetation, brick		1	HA-1	DIST	60/60		0.0	SB03_1-3
			2					0.0	
			3					0.0	
			4					0.0	
			5					0.0	
	POORLY GRADED SAND with SILT and GRAVEL (FILL) light brown, dense, moist, fine to coarse subangular gravel, coal, coalash		6	M-1	Macrocore	24/36		0.0	
			7					0.0	
			8					0.0	
	POORLY GRADED SAND with SILT and GRAVEL (FILL) light brown, dense, moist, fine to coarse subangular gravel, coal, coalash		9	M-2	Macrocore	31/48		0.0	
			10					0.0	
			11					0.0	
	▽		12					0.0	SB02_12-14
	CLAYEY POORLY GRADED SAND with GRAVEL (SP-SC) light brown, loose, wet, fine subrounded gravel		13	M-3	Macrocore	29/48		0.0	
			14					0.0	
			15						
			16						

LANGAN

Log of Boring SB02 Project No 170970401

Project	Coordinates
252 3rd Street	N/A
Location	**Elevation and Datum**
Brooklyn, New York	N/A

Material Symbol	Sample Description	Elev. (ft)	Depth Scale (ft)	Sample Data: Number	Sample Data: Type	Sample Data: Recov. (in)	Sample Data: Penetr-resist BL/6in	PID (ppm)	Remarks
			16						
	CLAYEY POORLY GRADED SAND with GRAVEL (SP-SC) light brown, loose, wet, fine subrounded gravel		17					0.0 0.0 0.0	
			18	M-4	Macrocore	12/48			
			19						
	End of Boring at 20.0 ft.		20						Groundwater well MW02 installed with a 10 foot 10-slot screen set from 9 to 19 feet.
			21						
			22						
			23						
			24						
			25						
			26						
			27						
			28						
			29						
			30						
			31						
			32						
			33						
			34						
			35						
			36						

LANGAN

Log of Boring SB03 Project No 170970401

Project: 252 3rd Street		Date Started: 12/22/2025	Date Finished: 12/23/2025
Location: Brooklyn, New York		Coordinates: N/A	
Drilling Contractor: Lakewood Environmental Services, Corp.		Elevation and Datum: N/A	
Drilling Method: N/A		Completion Depth: 20.0 ft	Rock Depth: N/A
Drilling Equipment: Hand Auger / Geoprobe7822DT		Water Depth (ft.) First: ▽ 13.0	Completion: ▼ N/A / 24 Hour: ▼ N/A
Casing Diameter (in): N/A	Casing Depth (ft): N/A	Water Elevation (ft.) First: ▽ N/A	Completion: ▼ N/A / 24 Hour: ▼ N/A
Sampler: 48-inch Macrocore		Water Reading Date/Time: 12/23/2025 12:00 AM	N/A / N/A
Sampler Hammer: N/A	Weight (lbs): N/A / Drop (in): N/A	Drilling Foreman: Adam Hutchinson	Field Engineer: Lisa Cristiano

Material Symbol	Sample Description	Elev. (ft)	Depth Scale (ft)	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID (ppm)	Remarks
	GRAVEL	0.0	0					0.0	Hand cleared with 4-inch diameter hand auger
	GRAVELLY POORLY GRADED SAND with SILT (FILL) dark gray to dark brown, dense, dry, fine to coarse subangular gravel, brick, concrete		1					0.0	
								0.0	SB03_1-3
			2					0.0	
				HA-1	DIST	60/60		0.0	
			3					0.0	
								0.0	
			4					0.0	
								0.0	
	POORLY GRADED SAND with GRAVEL and SILT (FILL) dark brown, medium dense, moist, fine sand, fine to coarse subangular gravel, brick		5					0.0	
								0.0	
			6					0.0	
				M-1	Macrocore	24/36		0.0	
			7					0.0	
	POORLY GRADED SAND with GRAVEL and SILT (FILL) dark brown, medium dense, moist, fine poorly graded sand, fine to coarse subangular gravel, brick		8					0.0	
								0.0	
			9					0.0	
								0.0	
			10	M-2	Macrocore	38/48		0.0	
								0.0	
			11					0.0	
	CLAYEY POORLY GRADED SAND with GRAVEL (SP-SC) light gray, medium dense, wet, fine subrounded gravel ▽		12					0.0	12-ft to 18-ft - organic-like odor, gray staining, negative sheen test.
								0.0	SB03_12-14
			13					0.1	
								0.4	
			14	M-3	Macrocore	30/48		0.5	
								3.8	
			15						
			16						

LANGAN

Log of Boring SB03 Project No 170970401

Project	Coordinates
252 3rd Street	N/A
Location	**Elevation and Datum**
Brooklyn, New York	N/A

Material Symbol	Sample Description	Elev. (ft)	Depth Scale (ft)	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID (ppm)	Remarks
			16					0.0	SB03_15-17
	CLAYEY POORLY GRADED SAND with GRAVEL (FILL) light gray, medium dense, wet, fine subrounded gravel		17					0.3	
								5.8	
			18	M-4	Macrocore	36/48		16.5	
								14.2	
			19					0.2	
	End of Boring at 20.0 ft.		20						Groundwater well MW03 installed with a 10 foot 10-slot screen set from 10 to 20 feet.
			21						
			22						
			23						
			24						
			25						
			26						
			27						
			28						
			29						
			30						
			31						
			32						
			33						
			34						
			35						
			36						

LANGAN

Log of Boring SB04 Project No 170970401

Project: 252 3rd Street		Date Started: 12/22/2025	Date Finished: 12/23/2025
Location: Brooklyn, New York		Coordinates: N/A	
Drilling Contractor: Lakewood Environmental Services, Corp.		Elevation and Datum: N/A	
Drilling Method: N/A		Completion Depth: 20.0 ft	Rock Depth: N/A
Drilling Equipment: Hand Auger / Geoprobe7822DT		Water Depth (ft.) First: 13.0	Completion: N/A / 24 Hour: N/A
Casing Diameter (in): N/A	Casing Depth (ft): N/A	Water Elevation (ft.) First: N/A	Completion: N/A / 24 Hour: N/A
Sampler: 48-inch Macrocore		Water Reading Date/Time: 12/23/2025 12:00 AM	N/A / N/A
Sampler Hammer: N/A	Weight (lbs): N/A / Drop (in): N/A	Drilling Foreman: Adam Hutchinson	Field Engineer: Lisa Cristiano

Material Symbol	Sample Description	Elev. (ft)	Depth Scale (ft)	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID (ppm)	Remarks
	GRAVEL	0.0	0					0.0	Hand cleared with 4-inch diameter hand auger
	GRAVELLY WELL GRADED GRAVEL with SILT (FILL) gray to dark brown, dense, dry, fine gravel, fine to coarse subangular gravel, brick		1					0.0	
			2	HA-1	DIST	60/60		0.0	SB04_2-4
			3					0.0	
			4					0.0	
			5					0.0	
	POORLY GRADED SAND with GRAVEL and SILT (FILL) dark brown, medium dense, moist, fine sand, fine to coarse subangular gravel, coal, coalash, brick		6	M-1	Macrocore	36/36		0.0	
			7					0.0	
			8					0.0	
	POORLY GRADED SAND with GRAVEL and SILT (FILL) dark brown, medium dense, moist, fine poorly graded sand, fine to coarse subangular gravel, coal, coalash, brick		9	M-2	Macrocore	39/48		0.0	
			10					0.0	
			11					0.0	
			12					0.0	
	POORLY GRADED SAND with GRAVEL and SILT (FILL) dark brown, medium dense, moist, fine poorly graded sand, fine to coarse subangular gravel, coal, coalash, brick ▽		13	M-3	Macrocore	42/48		0.0	
			14					0.0	
			15					0.0	
			16					0.0	

LANGAN

Log of Boring SB04 Project No 170970401

Project	Coordinates
252 3rd Street	N/A
Location	**Elevation and Datum**
Brooklyn, New York	N/A

Material Symbol	Sample Description	Elev. (ft)	Depth Scale (ft)	Sample Data: Number	Sample Data: Type	Sample Data: Recov. (in)	Sample Data: Penetr-resist BL/6in	PID (ppm)	Remarks
	CLAYEY POORLY GRADED SAND with GRAVEL (FILL) light gray to dark gray, medium dense, wet, fine sand, fine subangular to subrounded gravel, brick, coal, coalash		16					0.0	16-to 20-feet - organic-like odor, gray staining SB04_16-18
			17					0.0	
			18	M-4	Macrocore	29/48		0.0	
			19					0.0	
			20					0.0	
	End of Boring at 20.0 ft.								Boring backfilled to surface grade with clean soil cuttings.
			21						
			22						
			23						
			24						
			25						
			26						
			27						
			28						
			29						
			30						
			31						
			32						
			33						
			34						
			35						
			36						

LANGAN

Log of Boring SB05 Project No 170970401

Project: 252 3rd Street		Date Started: 12/23/2025	Date Finished: 12/23/2025
Location: Brooklyn, New York		Coordinates: N/A	
Drilling Contractor: Lakewood Environmental Services, Corp.		Elevation and Datum: N/A	
Drilling Method: N/A		Completion Depth: 20.0 ft	Rock Depth: N/A
Drilling Equipment: Hand Auger / Geoprobe7822DT		Water Depth (ft.) First: 13.0	Completion: N/A / 24 Hour: N/A
Casing Diameter (in): N/A	Casing Depth (ft): N/A	Water Elevation (ft.) First: N/A	Completion: N/A / 24 Hour: N/A
Sampler: 48-inch Macrocore		Water Reading Date/Time: 12/23/2025 11:56 AM	N/A / N/A
Sampler Hammer: N/A	Weight (lbs): N/A / Drop (in): N/A	Drilling Foreman: Adam Hutchinson	Field Engineer: Lisa Cristiano

Material Symbol	Sample Description	Elev. (ft)	Depth Scale (ft)	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID (ppm)	Remarks
	GRAVEL	0.0	0					0.0	Hand cleared with 4-inch diameter hand auger
	POORLY GRADED SAND with SILT and GRAVEL (FILL) dark brown to light brown, dense, dry, fine sand, fine to coarse subangular gravel, brick		1					0.0	
			2					0.0	
				HA-1	DIST	60/60		0.0	
			3					0.0	
								0.0	
			4					0.0	SB05_4-6
								0.0	
	POORLY GRADED SAND with SILT and GRAVEL (FILL) dark brown to dark gray, dense, moist, fine sand, fine to coarse subangular gravel, woody vegetation, coal		5					0.0	
			6					0.0	
				M-1	Macrocore	36/36		0.0	
			7					0.0	
								0.0	
	POORLY GRADED SAND with SILT and GRAVEL (FILL) dark brown to dark gray, dense, moist, fine poorly graded sand, fine to coarse subangular gravel, woody vegetation, coal, brick		8					0.0	
			9					0.0	
								0.0	
			10	M-2	Macrocore	40/48		0.0	
								0.0	
			11					0.0	
	POORLY GRADED SAND with SILT and GRAVEL (FILL) dark brown to dark gray, dense, moist, fine poorly graded sand, fine to coarse subangular gravel, woody vegetation, coal, brick ▽		12					0.0	
								0.0	
			13	M-3A				0.0	
								0.0	
			14		Macrocore	35/48		0.0	
	POORLY GRADED SAND with CLAY and GRAVEL (SP) light brown, medium dense, wet, fine subrounded gravel							0.0	
			15	M-3B				0.0	
			16						

LANGAN

Log of Boring SB05

Project No 170970401

Project	Coordinates
252 3rd Street	N/A
Location	**Elevation and Datum**
Brooklyn, New York	N/A

Material Symbol	Sample Description	Elev. (ft)	Depth Scale (ft)	Sample Data: Number	Sample Data: Type	Sample Data: Recov. (in)	Sample Data: Penetr-resist BL/6in	PID (ppm)	Remarks
	POORLY GRADED SAND with CLAY and GRAVEL (SP) light brown, medium dense, wet, fine subrounded gravel		16					0.0	
			17					0.0	
			18	M-4	Macrocore	46/48		0.0	
			19					0.0	
			20					0.0	
	End of Boring at 20.0 ft.								Boring backfilled to surface grade with clean soil cuttings.
			21						
			22						
			23						
			24						
			25						
			26						
			27						
			28						
			29						
			30						
			31						
			32						
			33						
			34						
			35						
			36						

LANGAN

Log of Boring SB06 Project No 170970401

Project: 252 3rd Street		Date Started: 12/23/2025	Date Finished: 12/23/2025
Location: Brooklyn, New York		Coordinates: N/A	
Drilling Contractor: Lakewood Environmental Services, Corp.		Elevation and Datum: N/A	
Drilling Method: N/A		Completion Depth: 20.0 ft	Rock Depth: N/A
Drilling Equipment: Hand Auger / Geoprobe7822DT		Water Depth (ft.) First: ▽ 12.0	Completion: ▼ N/A / 24 Hour: ▼ N/A
Casing Diameter (in): N/A	Casing Depth (ft): N/A	Water Elevation (ft.) First: ▽ N/A	Completion: ▼ N/A / 24 Hour: ▼ N/A
Sampler: 48-inch Macrocore		Water Reading Date/Time: 12/23/2025 11:57 AM	N/A / N/A
Sampler Hammer: N/A	Weight (lbs): N/A / Drop (in): N/A	Drilling Foreman: Adam Hutchinson	Field Engineer: Lisa Cristiano

Material Symbol	Sample Description	Elev. (ft)	Depth Scale (ft)	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID (ppm)	Remarks
	GRAVEL	0.0	0					0.0	Hand cleared with 4-inch diameter hand auger
	WELL GRADED GRAVEL with GRAVEL and SILT (FILL) dark gray to dark brown, dense, dry, fine gravel, fine to coarse subangular gravel, brick, woody vegetation		1					0.0	
			2	HA-1	DIST	60/60		0.0	
			3					0.0	
			4					0.0	
	WELL GRADED GRAVEL with GRAVEL and SILT (FILL) dark brown, dense, moist, fine to coarse subangular gravel, brick, woody vegetation		5	M-1	Macrocore	12/36		0.0	
			6					0.0	
			7						
	WELL GRADED GRAVEL with GRAVEL and SILT (FILL) dark brown, dense, moist, fine to coarse subangular gravel, brick, woody vegetation		8	M-2A	Macrocore	40/48		0.0	
			9					0.0	
			10					0.0	SB06_10-12
	WELL GRADED GRAVEL with GRAVEL and SILT (FILL) dark brown, dense, moist, fine to coarse subangular gravel, brick, woody vegetation, coal, coalash		11	M-2B				0.0	
	WELL GRADED GRAVEL with GRAVEL and SILT (FILL) dark brown, dense, moist, fine to coarse subangular gravel, brick, woody vegetation, coal, coalash ▽		12	M-3A	Macrocore	40/48		0.0	
	LEAN CLAY with GRAVEL (CL) light brown, soft, wet, fine subrounded gravel		13	M-3B				0.0	
	CLAYEY POORLY GRADED SAND with GRAVEL (SP-SC) light brown, medium dense, wet, fine sand, fine subrounded gravel		14					0.0	
	CLAY with GRAVEL (CL) light brown, soft, wet, fine subrounded gravel		15	M-3C				0.0	
	CLAYEY POORLY GRADED SAND with GRAVEL (SP-SC) light brown, medium dense, wet, fine sand, fine subrounded gravel		16						

LANGAN

Log of Boring SB06 Project No 170970401

Project	Coordinates
252 3rd Street	N/A
Location	**Elevation and Datum**
Brooklyn, New York	N/A

Material Symbol	Sample Description	Elev. (ft)	Depth Scale (ft)	Sample Data: Number	Sample Data: Type	Sample Data: Recov. (in)	Sample Data: Penetr-resist BL/6in	PID (ppm)	Remarks
			16					0.0	
	CLAYEY POORLY GRADED SAND with GRAVEL (SP-SC) light brown, medium dense, wet, fine poorly graded sand, fine subrounded gravel		17					0.0	
								0.0	
			18	M-4	Macrocore	39/48		0.0	
								0.0	
			19					0.0	
	End of Boring at 20.0 ft.		20						Boring backfilled to surface grade with clean soil cuttings.
			21						
			22						
			23						
			24						
			25						
			26						
			27						
			28						
			29						
			30						
			31						
			32						
			33						
			34						
			35						
			36						

LANGAN

Log of Boring SB07 Project No 170970401

Project: 252 3rd Street		Date Started: 12/22/2025	Date Finished: 12/23/2025
Location: Brooklyn, New York		Coordinates: N/A	
Drilling Contractor: Lakewood Environmental Services, Corp.		Elevation and Datum: N/A	
Drilling Method: N/A		Completion Depth: 20.0 ft	Rock Depth: N/A
Drilling Equipment: Hand Auger / Geoprobe7822DT		Water Depth (ft.) First: 13.0	Completion: N/A / 24 Hour: N/A
Casing Diameter (in): N/A	Casing Depth (ft): N/A	Water Elevation (ft.) First: N/A	Completion: N/A / 24 Hour: N/A
Sampler: 48-inch Macrocore		Water Reading Date/Time: 12/23/2025 12:00 AM	N/A / N/A
Sampler Hammer: N/A	Weight (lbs): N/A / Drop (in): N/A	Drilling Foreman: Adam Hutchinson	Field Engineer: Lisa Cristiano

Material Symbol	Sample Description	Elev. (ft)	Depth Scale (ft)	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID (ppm)	Remarks
	GRAVEL	0.0	0					0.0	Hand cleared with 4-inch diameter hand auger
	GRAVELLY POORLY GRADED SAND with SILT (FILL) gray to dark brown, dense, dry, fine to coarse subangular gravel, brick, woody vegetation		1					0.0	
			2	HA-1	DIST	60/60		0.0	SB07_2-4
			3					0.0	
			4					0.0	
	POORLY GRADED SAND with SILT (FILL) reddish-dark brown-gray, medium dense, moist, fine sand, coal, brick, woody vegetation		5					0.0	
			6	M-1	Macrocore	24/36		0.0	
			7					0.0	
	POORLY GRADED SAND with SILT (FILL) dark brown-gray, medium dense, moist, fine poorly graded sand, coal, brick, woody vegetation		8					0.0	
			9					0.0	
			10	M-2	Macrocore	36/48		0.0	
			11					0.0	
	POORLY GRADED SAND with SILT (FILL) dark gray, medium dense, moist to wet, fine poorly graded sand, coal, brick, woody vegetation ▽		12					0.0	SB07_12-14
			13					0.0	
			14	M-3	Macrocore	37/48		0.0	
			15					0.0	
			16						

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Log of Boring SB07 Project No 170970401

Project	Coordinates
252 3rd Street	N/A
Location	**Elevation and Datum**
Brooklyn, New York	N/A

Material Symbol	Sample Description	Elev. (ft)	Depth Scale (ft)	Sample Data: Number	Sample Data: Type	Sample Data: Recov. (in)	Sample Data: Penetr-resist BL/6in	PID (ppm)	Remarks
	POORLY GRADED SAND with SILT (FILL) dark brown, medium dense, moist to wet, fine poorly graded sand, coal, brick, woody vegetation		16	M-4	Macrocore	38/48		0.0 0.0 0.0 0.0 0.0 0.0 0.0	
	End of Boring at 20.0 ft.		20						Groundwater well MW07 installed with a 10 foot 10-slot screen set from 10 to 20 feet.

APPENDIX D

MONITORING WELL CONSTRUCTION AND GROUNDWATER SAMPLING LOGS

WELL CONSTRUCTION AND DEVELOPMENT SUMMARY

Well No. MW02

PROJECT		PROJECT NO.	
252 3rd Street		170970401	
LOCATION		**ELEVATION AND DATUM**	
Brooklyn, New York		el. N/A NAVD88	
DRILLING AGENCY		**DATE STARTED**	**DATE FINISHED**
Lakewood Environmental Services, Corp		12/23/2025	12/23/2025
DRILLING EQUIPMENT		**DRILLER**	
Geoprobe 7822DT		Adam Hutchinson	
SIZE AND TYPE OF BIT		**INSPECTOR**	
6-inch Hollow Stem Auger		Lisa Cristiano	
BOREHOLE DIAMETER		**TYPE OF WELL (OVERBURDEN / BEDROCK)**	
6-inch		Overburden	
RISER MATERIAL	**DIAMETER**	**TYPE OF BACKFILL MATERIAL**	
PVC	2-inch	No.2 Sand	
TYPE OF SCREEN	**DIAMETER**	**TYPE OF WELL PACK**	**TYPE OF SEAL MATERIAL**
PVC No. 20 Slot	2-inch	No. 2 Sand	Bentonite

METHOD OF INSTALLATION

A track-mounted, Geoprobe 7822 DT, drill rig was used to advance the boring to approximately 20 feet below grade surface (bgs). A permanent monitoring well was installed via auger attachment, which consisted of 2-inch-diameter, threaded, flush-joint, polyvinyl chloride (PVC) casing, 10-foot-long 0.02-inch well screen, and a solid 2-inch PVC riser. The well screen was installed from approximately 9 to 19 feet bgs with riser from 9 feet bgs to grade surface. Clean No. 2 sand was used to fill the annulus around the screen up to about 7 ft bgs (2 feet above the top of the screened interval). A 2-foot-thick bentonite seal was installed above the sand, and the remaining borehole annulus was grouted to the surface with a bentonite and cement slurry. The monitoring well was finished at the surface with a flush-mounted access cover.

WELL DEVELOPMENT DATA

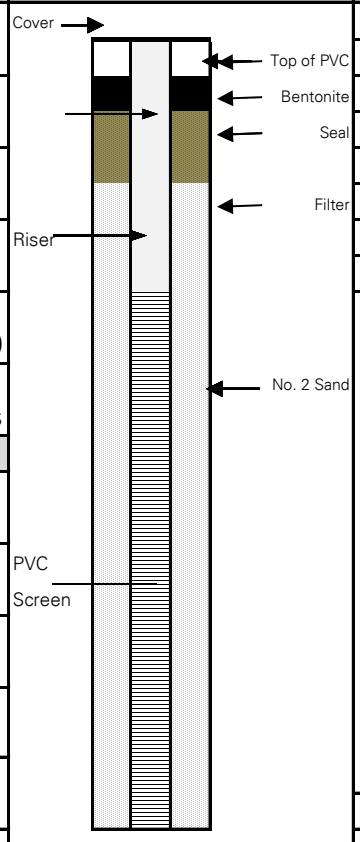
SURGE BLOCK DIAMETER	1.875	**TYPE PUMP**	Whale Pump	**DEVELOPMENT CONFIRMATION**
DRILLER OR LANGAN	Driller	**MAX PUMP RATE**	1 LPM	Well developed from 9:10-9:30 until purged water was no longer turbid
NUMBER OF SURGE CYCLES	4	**TOTAL VOLUME**	6 gallons	

TOP OF CASING	**ELEVATION** N/A	**DEPTH (ft)** 0.5
TOP OF SEAL	**ELEVATION** N/A	**DEPTH (ft)** 5
TOP OF FILTER	**ELEVATION** N/A	**DEPTH (ft)** 7
TOP OF SCREEN	**ELEVATION** N/A	**DEPTH (ft)** 9
BOTTOM OF BORING	**ELEVATION** N/A	**DEPTH (ft)** 19
SCREEN LENGTH		10
SLOT SIZE		No. 20 Slot; 0.020 Inches

GROUNDWATER ELEVATIONS

ELEVATION	DATE	DEPTH TO WATER
	12/23/2025	12.61 ft
	12/20/2025	13.45 ft

WELL DETAILS



SUMMARY SOIL CLASSIFICATION	DEPTH (FT)
	0
Top of PVC	0.5
Top of Seal	5
Top of Filter	7
Top of Screen	9
Bottom of Boring	19

LANGAN Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

368 Ninth Avenue, 8th Floor, New York

WELL CONSTRUCTION AND DEVELOPMENT SUMMARY

Well No. MW03

PROJECT		PROJECT NO.	
252 3rd Street		170970401	
LOCATION		**ELEVATION AND DATUM**	
Brooklyn, New York		el. N/A NAVD88	
DRILLING AGENCY		**DATE STARTED**	**DATE FINISHED**
Lakewood Environmental Services, Corp		12/23/2025	12/23/2025
DRILLING EQUIPMENT		**DRILLER**	
Geoprobe 7822DT		Adam Hutchinson	
SIZE AND TYPE OF BIT		**INSPECTOR**	
6-inch Hollow Stem Auger		Lisa Cristiano	
BOREHOLE DIAMETER		**TYPE OF WELL (OVERBURDEN / BEDROCK)**	
6-inch		Overburden	
RISER MATERIAL	**DIAMETER**	**TYPE OF BACKFILL MATERIAL**	
PVC	2-inch	No.2 Sand	
TYPE OF SCREEN	**DIAMETER**	**TYPE OF WELL PACK**	**TYPE OF SEAL MATERIAL**
PVC No. 20 Slot	2-inch	No. 2 Sand	Bentonite

METHOD OF INSTALLATION

A track-mounted, Geoprobe 7822 DT, drill rig was used to advance the boring to approximately 20 feet below grade surface (bgs). A permanent monitoring well was installed via auger attachment, which consisted of 2-inch-diameter, threaded, flush-joint, polyvinyl chloride (PVC) casing, 10-foot-long 0.02-inch well screen, and a solid 2-inch PVC riser. The well screen was installed from approximately 9 to 19 feet bgs with riser from 9 feet bgs to grade surface. Clean No. 2 sand was used to fill the annulus around the screen up to about 7 ft bgs (2 feet above the top of the screened interval). A 2-foot-thick bentonite seal was installed above the sand, and the remaining borehole annulus was grouted to the surface with a bentonite and cement slurry. The monitoring well was finished at the surface with a flush-mounted access cover.

WELL DEVELOPMENT DATA

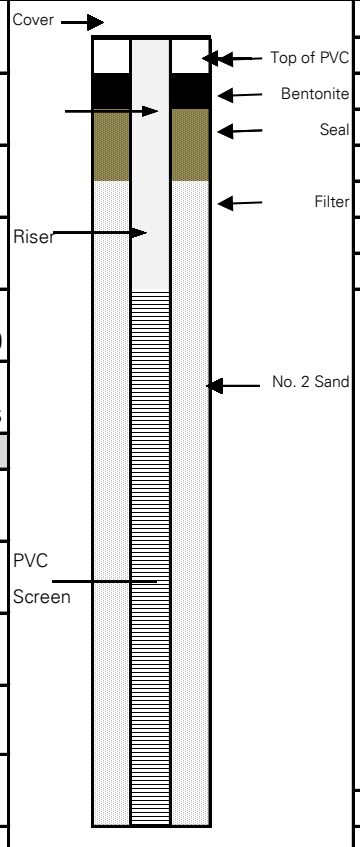
SURGE BLOCK DIAMETER	1.875	**TYPE PUMP**	Whale Pump	**DEVELOPMENT CONFIRMATION**
DRILLER OR LANGAN	Driller	**MAX PUMP RATE**	1 LPM	Well developed from 10:40-10:55 until purged water was no longer turbid
NUMBER OF SURGE CYCLES	4	**TOTAL VOLUME**	7 gallons	

TOP OF CASING	ELEVATION	DEPTH (ft)
	N/A	0.5
TOP OF SEAL	**ELEVATION**	**DEPTH (ft)**
	N/A	6
TOP OF FILTER	**ELEVATION**	**DEPTH (ft)**
	N/A	8
TOP OF SCREEN	**ELEVATION**	**DEPTH (ft)**
	N/A	10
BOTTOM OF BORING	**ELEVATION**	**DEPTH (ft)**
	N/A	20
SCREEN LENGTH		10
SLOT SIZE		No. 20 Slot; 0.020 Inches

GROUNDWATER ELEVATIONS

ELEVATION	DATE	DEPTH TO WATER
	12/23/2025	11.87 ft
	12/30/2025	14.71 ft

WELL DETAILS



SUMMARY SOIL CLASSIFICATION	DEPTH (FT)
	0
Top of PVC	0.5
Top of Seal	6
Top of Filter	8
Top of Screen	10
Bottom of Boring	20

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368 Ninth Avenue, 8th Floor, New York

WELL CONSTRUCTION AND DEVELOPMENT SUMMARY

Well No. MW07

PROJECT		PROJECT NO.	
252 3rd Street		170970401	
LOCATION		**ELEVATION AND DATUM**	
Brooklyn, New York		el. N/A NAVD88	
DRILLING AGENCY		**DATE STARTED**	**DATE FINISHED**
Lakewood Environmental Services, Corp		12/23/2025	12/23/2025
DRILLING EQUIPMENT		**DRILLER**	
Geoprobe 7822DT		Adam Hutchinson	
SIZE AND TYPE OF BIT		**INSPECTOR**	
6-inch Hollow Stem Auger		Lisa Cristiano	
BOREHOLE DIAMETER		**TYPE OF WELL (OVERBURDEN / BEDROCK)**	
6-inch		Overburden	
RISER MATERIAL	**DIAMETER**	**TYPE OF BACKFILL MATERIAL**	
PVC	2-inch	No.2 Sand	
TYPE OF SCREEN	**DIAMETER**	**TYPE OF WELL PACK**	**TYPE OF SEAL MATERIAL**
PVC No. 20 Slot	2-inch	No. 2 Sand	Bentonite

METHOD OF INSTALLATION

A track-mounted, Geoprobe 7822 DT, drill rig was used to advance the boring to approximately 20 feet below grade surface (bgs). A permanent monitoring well was installed via auger attachment, which consisted of 2-inch-diameter, threaded, flush-joint, polyvinyl chloride (PVC) casing, 10-foot-long 0.02-inch well screen, and a solid 2-inch PVC riser. The well screen was installed from approximately 9 to 19 feet bgs with riser from 9 feet bgs to grade surface. Clean No. 2 sand was used to fill the annulus around the screen up to about 7 ft bgs (2 feet above the top of the screened interval). A 2-foot-thick bentonite seal was installed above the sand, and the remaining borehole annulus was grouted to the surface with a bentonite and cement slurry. The monitoring well was finished at the surface with a flush-mounted access cover.

WELL DEVELOPMENT DATA

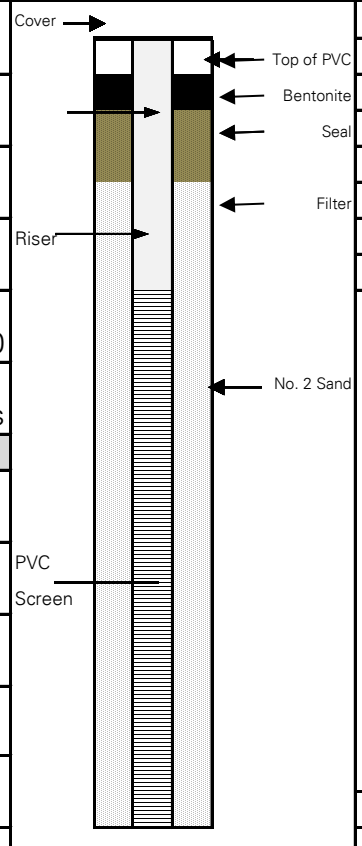
SURGE BLOCK DIAMETER	1.875	**TYPE PUMP**	Whale Pump	**DEVELOPMENT CONFIRMATION**
DRILLER OR LANGAN	Driller	**MAX PUMP RATE**	1 LPM	Well developed from 13:45-14:05 until purged water was no longer turbid
NUMBER OF SURGE CYCLES	4	**TOTAL VOLUME**	6	

TOP OF CASING	ELEVATION	DEPTH (ft)
	N/A	0.5
TOP OF SEAL	**ELEVATION**	**DEPTH (ft)**
	N/A	6
TOP OF FILTER	**ELEVATION**	**DEPTH (ft)**
	N/A	8
TOP OF SCREEN	**ELEVATION**	**DEPTH (ft)**
	N/A	10
BOTTOM OF BORING	**ELEVATION**	**DEPTH (ft)**
	N/A	20
SCREEN LENGTH		10
SLOT SIZE		No. 20 Slot; 0.020 Inches

GROUNDWATER ELEVATIONS

ELEVATION	DATE	DEPTH TO WATER
	12/30/2025	15.97 ft

WELL DETAILS



SUMMARY SOIL CLASSIFICATION	DEPTH (FT)
	0
Top of PVC	0.5
Top of Seal	6
Top of Filter	8
Top of Screen	10
Bottom of Boring	20

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Project Information		Well Information		Equipment Information		Sampling Conditions		Sampling Information	
Project Name:	252 3rd Street	**Well No:**	MW02	**Water Quality Device Model:**	Horiba	**Weather:**	Clear, 30s		MW02_123025
Project Number:	170970401	**Well Depth:**	19.00	**Pine Number:**	44179	**Background PID (ppm):**	0.0	**Sample(s):**	
Site Location:	Brooklyn, New York	**Well Diameter:**	2-inches	**Pump Make and Model:**	Solinst Peri Pump	**PID Beneath Inner Cap (ppm):**	0.5		
Sampling	Lisa Cristiano	**Well Screen**	9	**Pine Number:**	42484	**Pump Intake Depth:**	16.00	**Sample Date:**	12/30/2025
Personnel:		**Interval:**	19	**Tubing Diameter*:**	3/8" ID x 1/2" OD	**Depth to Water Before Purge:**	13.45	**Sample Time:**	11:00

STABILIZATION = 3 successive readings within limits

MILLITARY TIME	**TEMP °Celsius (+/- 3%)**	**PH (+/- 0.1)**	**ORP mV (+/- 10mV)**	**CONDUCTIVITY mS/cm (+/- 3%)**	**TURBIDITY NTU (+/- 10% when above 5 NTU)**	**DO mg/L (+/- 10% when above 0.5 mg/L)**	**DTW ft Drawdown < 0.33 ft**	**Flow Rate (L/min) (<0.5 L/min)**	**Cumulative Discharge Volume (Liters)**	**NOTES color, odor etc.**	**Stabilized?**
BEGIN PURGING											
10:15	14.64	7.14	295	5.590	90	7.84	14.15	0.07	0.33	Clear, no odor	**N/A**
10:20	14.76	7.28	304	5.510	81	7.65	14.16	0.07	0.33		**N/A**
10:25	14.86	7.45	302	5.550	54	6.75	14.38	0.07	0.33		**N**
10:30	15.20	7.46	318	5.430	57	6.07	14.42	0.07	0.33		**N**
10:35	15.01	7.51	319	5.390	18	4.32	14.42	0.07	0.33		**N**
10:40	14.83	7.59	315	5.350	17	1.68	14.42	0.07	0.33		**N**
10:45	14.96	7.53	324	5.380	12	1.63	14.41	0.07	0.33		**N**
10:50	14.90	7.53	325	5.350	10	1.55	14.42	0.07	0.33		**N**
10:55	14.92	7.49	323	5.390	10	1.50	14.42	0.07	0.33		**N**
11:00	15.11	7.55	322	5.390	9	1.51	14.42	0.07	0.33		**Y**
										Collected MW02_123025	**N**
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N

Notes:

1. Well depths, well screen intervals, and groundwater depths measured in feet below the top of well casing, from the northern most point
2. Well and tubing diameters are measured in inches.
3. PID = Photoionization Detector
4. PPM = Parts per million
5. pH = Hydrogen ion concentration
6. ORP = Oxidation-reduction potential, measured in millivolts (mV)
7. DO = Dissolved Oxygen, measured in milligrams per liter (mg/L)
8. DTW = Depth to water
9. mS/cm = milli-Siemens per centimeter
10. NTU = Nephelometric Turbidity Unit
11. mg/L = milligrams per liter
12. L/min = liters per minute

Calculated Flow Rate			
Volume (L)	**Time (Min : Sec)**		**Flow Rate (L/min)**
0.591	2	24	0.246

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Project Information		Well Information		Equipment Information		Sampling Conditions		Sampling Information	
Project Name:	252 3rd Street	**Well No:**	MW03	**Water Quality Device Model:**	Horiba	**Weather:**	Clear, 30s	**Sample(s):**	MW03_123025
Project Number:	170970401	**Well Depth:**	19.00	**Pine Number:**	44179	**Background PID (ppm):**	0.0		GWDUP01_123025
Site Location:	Brooklyn, New York	**Well Diameter:**	2-inches	**Pump Make and Model:**	Solinst Peri Pump	**PID Beneath Inner Cap (ppm):**	1.4		
Sampling	Lisa Cristiano	**Well Screen**	10	**Pine Number:**	42484	**Pump Intake Depth:**	18.00	**Sample Date:**	12/30/2025
Personnel:		**Interval:**	20	**Tubing Diameter*:**	3/8" ID x 1/2" OD	**Depth to Water Before Purge:**	14.71	**Sample Time:**	13:15

STABILIZATION = 3 successive readings within limits

MILLITARY TIME	**TEMP °Celsius (+/- 3%)**	**PH (+/- 0.1)**	**ORP mV (+/- 10mV)**	**CONDUCTIVITY mS/cm (+/- 3%)**	**TURBIDITY NTU (+/- 10% when above 5 NTU)**	**DO mg/L (+/- 10% when above 0.5 mg/L)**	**DTW ft Drawdown < 0.33 ft**	**Flow Rate (L/min) (<0.5 L/min)**	**Cumulative Discharge Volume (Liters)**	**NOTES color, odor etc.**	**Stabilized?**
BEGIN PURGING											
12:15	15.46	6.99	-106	4.510	177	4.29	15.01	0.10	0.50	Gray, organic-like odor	**N/A**
12:20	16.26	6.99	-111	4.460	240	4.11	15.02	0.10	0.50		**N/A**
12:25	16.25	6.99	-120	4.410	229	3.88	14.87	0.10	0.50		**N**
12:30	16.25	6.92	318	4.450	297	2.96	14.95	0.10	0.50		**N**
12:35	15.78	6.91	-148	4.540	90	1.36	14.96	0.10	0.50		**N**
12:40	13.75	6.92	-163	4.770	192	1.12	14.97	0.10	0.50		**N**
12:45	13.44	6.91	-176	4.760	382	0.95	14.97	0.10	0.50		**N**
12:50	13.34	6.90	-184	4.800	141	0.33	14.97	0.10	0.50		**N**
12:55	13.24	6.89	-193	4.740	35	0.69	14.97	0.10	0.50		**N**
13:00	13.19	6.90	-201	4.730	30	0.61	14.97	0.10	0.50		**N**
13:05	13.05	6.89	-206	4.740	31	0.54	14.98	0.10	0.50		**N**
13:10	12.89	6.89	-207	4.750	26	0.53	14.98	0.10	0.50		**N**
13:15	12.80	6.89	-205	4.740	12	0.53	14.98	0.10	0.50		**N**
										Collected MW03_123025	**N**
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N

Notes:

1. Well depths, well screen intervals, and groundwater depths measured in feet below the top of well casing, from the northern most point
2. Well and tubing diameters are measured in inches.
3. PID = Photoionization Detector
4. PPM = Parts per million
5. pH = Hydrogen ion concentration
6. ORP = Oxidation-reduction potential, measured in millivolts (mV)
7. DO = Dissolved Oxygen, measured in milligrams per liter (mg/L)
8. DTW = Depth to water
9. mS/cm = milli-Siemens per centimeter
10. NTU = Nephelometric Turbidity Unit
11. mg/L = milligrams per liter
12. L/min = liters per minute

Calculated Flow Rate			
Volume (L)	**Time (Min : Sec)**		**Flow Rate (L/min)**
0.591	1	30	0.394

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Project Information		Well Information		Equipment Information		Sampling Conditions		Sampling Information	
Project Name:	252 3rd Street	**Well No:**	MW07	**Water Quality Device Model:**	Horiba	**Weather:**	Clear, 30s		MW07_123025
Project Number:	170970401	**Well Depth:**	19.00	**Pine Number:**	44179	**Background PID (ppm):**	0.0	**Sample(s):**	
Site Location:	Brooklyn, New York	**Well Diameter:**	2-inches	**Pump Make and Model:**	Solinst Peri Pump	**PID Beneath Inner Cap (ppm):**	0.6		
Sampling	Lisa Cristiano	**Well Screen**	10	**Pine Number:**	42484	**Pump Intake Depth:**	18.00	**Sample Date:**	12/30/2025
Personnel:		**Interval:**	20	**Tubing Diameter*:**	3/8" ID x 1/2" OD	**Depth to Water Before Purge:**	15.97	**Sample Time:**	15:05

STABILIZATION = 3 successive readings within limits

MILLITARY TIME	TEMP °Celsius (+/- 3%)	PH (+/- 0.1)	ORP mV (+/- 10mV)	CONDUCTIVITY mS/cm (+/- 3%)	TURBIDITY NTU (+/- 10% when above 5 NTU)	DO mg/L (+/- 10% when above 0.5 mg/L)	DTW ft Drawdown < 0.33 ft	Flow Rate (L/min) (<0.5 L/min)	Cumulative Discharge Volume (Liters)	NOTES color, odor etc.	Stabilized?
BEGIN PURGING											
14:55	15.42	6.94	-138	1.920	293	0.43	17.42	0.05	0.25	Clear, no odor	**N/A**
15:00	15.94	6.95	-146	1.880	909	0.18	17.43	0.05	0.25		**N/A**
15:05	16.24	6.92	-151	1.860	226	0.04	17.51	0.05	0.25		**N**
15:10	16.14	6.93	318	1.870	162	0.01	17.52	0.05	0.25		**N**
15:15	16.35	6.91	-155	1.880	78	0.00	17.52	0.05	0.25		**N**
15:20	16.04	6.92	-157	1.890	62	0.00	17.52	0.05	0.25		**N**
15:25	15.77	6.95	-133	1.920	144	0.00	17.52	0.05	0.25		**N**
15:30	14.55	6.96	-144	2.000	67	0.00	17.55	0.05	0.25		**N**
15:35	14.35	6.93	-147	2.010	59	0.00	17.55	0.05	0.25		**N**
15:40	14.13	6.92	-149	2.020	36	0.00	17.57	0.05	0.25		**N**
15:45	15.62	6.93	-151	1.940	34	0.00	17.57	0.05	0.25		**N**
15:50	15.60	6.92	-152	1.930	23	0.00	17.57	0.05	0.25		**N**
15:55	15.61	6.91	-152	1.940	21	0.00	17.57	0.05	0.25		**N**
16:00	15.61	6.90	-152	1.940	17	0.00	17.57	0.05	0.25		**N**
16:05	15.61	6.90	-152	1.940	13	0.00	17.57	0.05	0.25		**N**
										Collected MW07_123025	**N**
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N

Notes:

1. Well depths, well screen intervals, and groundwater depths measured in feet below the top of well casing, from the northern most point.
2. Well and tubing diameters are measured in inches.
3. PID = Photoionization Detector
4. PPM = Parts per million
5. pH = Hydrogen ion concentration
6. ORP = Oxidation-reduction potential, measured in millivolts (mV)
7. DO = Dissolved Oxygen, measured in milligrams per liter (mg/L)
8. DTW = Depth to water
9. mS/cm = milli-Siemens per centimeter
10. NTU = Nephelometric Turbidity Unit
11. mg/L = milligrams per liter
12. L/min = liters per minute

Calculated Flow Rate			
Volume (L)	**Time (Min : Sec)**		**Flow Rate (L/min)**
0.591	2	5	0.284

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APPENDIX E

SOIL VAPOR POINT INSTALLATION AND SAMPLING LOGS

SOIL VAPOR SAMPLING LOG SHEET

Sample Number: SV02

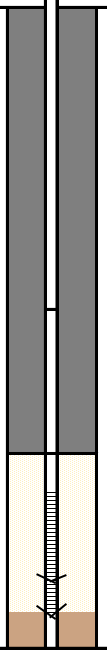
PROJECT: 252 3rd Street	**PROJECT NO.:** 170970401	
LOCATION: Brooklyn, New York	**SURFACE ELEVATION AND DATUM:** NA	
DRILLING FIRM OR LANGAN INSTALLER: Lakewood Environmental Services, Corp.	**INSTALLATION DATE STARTED:** 12/23/2025	**DATE FINISHED:** 12/23/2025
INSTALLATION FOREMAN: Adam Hutchison	**SAMPLE DATE STARTED:** 12/23/2025	**DATE FINISHED:** 12/23/2025
INSTALLATION EQUIPMENT: Geoprobe 7822DT	**TYPE OF SAMPLING DEVICE:** 6-L Summa Canister	
INSPECTOR: Lisa Cristiano	**SAMPLER:** Lisa Cristiano	
POTENTIAL SAMPLE INTERFERENCES: N/A	**WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 39 F Wind: S @ 10 mph Precipitation: Rainy Pressure: 30.15 inches Hg	

METHOD OF INSTALLATION AND PURGING:
Lakewood advanced Geoprobe 7822DT drill rig to about 5 feet below grade surface (bgs), installed a 2-inch polyethylene soil vapor implant, backfilled with No. 2 sand to 4 feet bgs, and sealed with hydrated bentonite to surface grade. A MultiRAE photoionization detector (PID) was used to purge the soil vapor point. The sample and flow controller were checked every 30 minutes during sampling to ensure proper operation.

TUBING TYPE/DIAMETER: 1/4-Inch Teflon-lined Polyethylene Tubing	**TYPE OF MATERIAL ABOVE SEAL:** No. 2 Sand
IMPLANT SCREEN TYPE/LENGTH/DIAMETER: 1.875-Inch Polyethylene Probe	**SEAL MATERIAL (Bentonite, Beeswax, Modeling Clay, etc.):** Bentonite
BOREHOLE DIAMETER: 2-inch	**FILTER PACK MATERIAL (Sand or Glass Beads):** Sand

PURGE VOLUME (L):	1
PURGE FLOW RATE (ML/MIN):	200
PID AFTER PURGE (PPM):	0.2
HELIUM TESTS	
HELIUM TEST IN BUCKET(%):	25.8%
HELIUM TEST IN TUBE (PPM):	0
SAMPLE START TIME:	12:56
SAMPLE STOP TIME:	14:48
TOTAL SAMPLE TIME (MIN):	112
REGULATOR FLOW RATE (L/MIN):	0.05
VOLUME OF SAMPLE (LITERS):	6
PID AFTER SAMPLE (PPM):	0.1
SAMPLE MOISTURE CONTENT:	N/A
CAN SERIAL NUMBER:	A1161
REGULATOR SERIAL NUMBER:	FC1322
CAN START VACUUM PRESS. (" HG):	-29
CAN STOP VACUUM PRESS. (" HG):	-5.00

555 (SEAL, FILTER, ETC.)



	DEPTH (FEET FROM SURFACE)	NOTES
Top of Seal	0.00	
Bentonite		
Top of Pack	4.00	
Probe Depth	5.00	

SAMPLE LOCATION SKETCH

See Sample Location Plan

NOTES

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SOIL VAPOR SAMPLING LOG SHEET

Sample Number: SV03

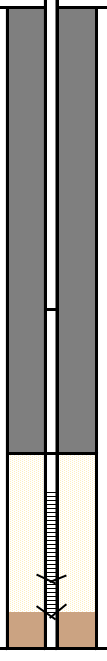
PROJECT: 252 3rd Street	**PROJECT NO.:** 170970401	
LOCATION: Brooklyn, New York	**SURFACE ELEVATION AND DATUM:** NA	
DRILLING FIRM OR LANGAN INSTALLER: Lakewood Environmental Services, Corp.	**INSTALLATION DATE STARTED:** 12/23/2025	**DATE FINISHED:** 12/23/2025
INSTALLATION FOREMAN: Adam Hutchison	**SAMPLE DATE STARTED:** 12/23/2025	**DATE FINISHED:** 12/23/2025
INSTALLATION EQUIPMENT: Geoprobe 7822DT	**TYPE OF SAMPLING DEVICE:** 6-L Summa Canister	
INSPECTOR: Lisa Cristiano	**SAMPLER:** Lisa Cristiano	
POTENTIAL SAMPLE INTERFERENCES: N/A	**WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 39 F Wind: S @ 10 mph Precipitation: Rainy Pressure: 30.15 inches Hg	

METHOD OF INSTALLATION AND PURGING:
Lakewood advanced Geoprobe 7822DT drill rig to about 5 feet below grade surface (bgs), installed a 2-inch polyethylene soil vapor implant, backfilled with No. 2 sand to 4 feet bgs, and sealed with hydrated bentonite to surface grade. A MultiRAE photoionization detector (PID) was used to purge the soil vapor point. The sample and flow controller were checked every 30 minutes during sampling to ensure proper operation.

TUBING TYPE/DIAMETER: 1/4-Inch Teflon-lined Polyethylene Tubing	**TYPE OF MATERIAL ABOVE SEAL:** No. 2 Sand
IMPLANT SCREEN TYPE/LENGTH/DIAMETER: 1.875-Inch Polyethylene Probe	**SEAL MATERIAL (Bentonite, Beeswax, Modeling Clay, etc.):** Bentonite
BOREHOLE DIAMETER: 2-inch	**FILTER PACK MATERIAL (Sand or Glass Beads):** Sand

PURGE VOLUME (L):	1
PURGE FLOW RATE (ML/MIN):	200
PID AFTER PURGE (PPM):	0.3
HELIUM TESTS	
HELIUM TEST IN BUCKET(%):	18.3%
HELIUM TEST IN TUBE (PPM):	0
SAMPLE START TIME:	13:12
SAMPLE STOP TIME:	14:58
TOTAL SAMPLE TIME (MIN):	106
REGULATOR FLOW RATE (L/MIN):	0.06
VOLUME OF SAMPLE (LITERS):	6
PID AFTER SAMPLE (PPM):	0.2
SAMPLE MOISTURE CONTENT:	N/A
CAN SERIAL NUMBER:	A1633
REGULATOR SERIAL NUMBER:	FC1374
CAN START VACUUM PRESS. (" HG):	-30
CAN STOP VACUUM PRESS. (" HG):	-5.00

IMPLANT/PROBE DETAILS (SEAL, FILTER, ETC.)



	DEPTH (FEET FROM SURFACE)	NOTES
Top of Seal	0.00	
Top of Pack	4.00	
Probe Depth	5.00	

SAMPLE LOCATION SKETCH

See Sample Location Plan

NOTES

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SOIL VAPOR SAMPLING LOG SHEET

Sample Number: SV07

PROJECT: 252 3rd Street	**PROJECT NO.:** 170970401	
LOCATION: Brooklyn, New York	**SURFACE ELEVATION AND DATUM:** NA	
DRILLING FIRM OR LANGAN INSTALLER: Lakewood Environmental Services, Corp.	**INSTALLATION DATE STARTED:** 12/23/2025	**DATE FINISHED:** 12/23/2025
INSTALLATION FOREMAN: Adam Hutchison	**SAMPLE DATE STARTED:** 12/23/2025	**DATE FINISHED:** 12/23/2025
INSTALLATION EQUIPMENT: Geoprobe 7822DT	**TYPE OF SAMPLING DEVICE:** 6-L Summa Canister	
INSPECTOR: Lisa Cristiano	**SAMPLER:** Lisa Cristiano	
POTENTIAL SAMPLE INTERFERENCES: N/A	**WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 39 F Wind: S @ 10 mph Precipitation: Rainy Pressure: 30.15 inches Hg	

METHOD OF INSTALLATION AND PURGING:
Lakewood advanced Geoprobe 7822DT drill rig to about 5 feet below grade surface (bgs), installed a 2-inch polyethylene soil vapor implant, backfilled with No. 2 sand to 4 feet bgs, and sealed with hydrated bentonite to surface grade. A MultiRAE photoionization detector (PID) was used to purge the soil vapor point. The sample and flow controller were checked every 30 minutes during sampling to ensure proper operation.

TUBING TYPE/DIAMETER: 1/4-Inch Teflon-lined Polyethylene Tubing	**TYPE OF MATERIAL ABOVE SEAL:** No. 2 Sand
IMPLANT SCREEN TYPE/LENGTH/DIAMETER: 1.875-Inch Polyethylene Probe	**SEAL MATERIAL (Bentonite, Beeswax, Modeling Clay, etc.):** Bentonite
BOREHOLE DIAMETER: 2-inch	**FILTER PACK MATERIAL (Sand or Glass Beads):** Sand

PURGE VOLUME (L):	1
PURGE FLOW RATE (ML/MIN):	200
PID AFTER PURGE (PPM):	0.2
HELIUM TESTS	
HELIUM TEST IN BUCKET(%):	24.7%
HELIUM TEST IN TUBE (PPM):	0
SAMPLE START TIME:	13:42
SAMPLE STOP TIME:	15:33
TOTAL SAMPLE TIME (MIN):	111
REGULATOR FLOW RATE (L/MIN):	0.05
VOLUME OF SAMPLE (LITERS):	6
PID AFTER SAMPLE (PPM):	0.1
SAMPLE MOISTURE CONTENT:	N/A
CAN SERIAL NUMBER:	A1356
REGULATOR SERIAL NUMBER:	FC1366
CAN START VACUUM PRESS. (" HG):	-30
CAN STOP VACUUM PRESS. (" HG):	-5.00

IMPLANT/PROBE DETAILS (SEAL, FILTER, ETC.)	**DEPTH (FEET FROM SURFACE)**	**NOTES**
Top of Seal	0.00	
Bentonite		
Top of Pack	4.00	
Probe Depth	5.00	

SAMPLE LOCATION SKETCH

See Sample Location Plan

NOTES

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APPENDIX F

LABORATORY ANALYTICAL REPORTS

The results set forth herein are provided by SGS North America Inc.

e-Hardcopy 2.0
Automated Report



Technical Report for

Langan Engineering & Environmental

252 3rd Street, Brooklyn, NY

170970401

SGS Job Number: JE26113

Sampling Date: 12/30/25

Report to:

Langan Engineering & Environmental
368 Ninth Avenue 8th Floor
New York, NY 10001
lcristiano@langan.com; eadkins@langan.com;
datamanagement@langan.com
ATTN: Elizabeth Adkins

Total number of pages in report: **151**

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable unless noted in the narrative, comments or footnotes.

Olga Azarian
Technical Director

Client Service contact: Carin Ferris 732-329-0200
Certifications: NJ(12129),NY(10983),CA,CO,CT,FL,HI,IL,IN,KY,LA (120428),MA,MD,ME,MN,NC,NH,NV, AK (UST-103),AZ (AZ0786),PA(68-00408),RI,SC,TX (T104704234),UT,VA,WA,WV

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SGS North America Inc.

Sample Summary

Langan Engineering & Environmental

Job No: JE26113

252 3rd Street, Brooklyn, NY
Project No: 170970401

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
This report contains results reported as ND = Not detected. The following applies: Organics ND = Not detected above the MDL							
JE26113-1	12/30/25	00:00	LC	12/30/25	AQ	Ground Water	GWDUP01_123025
JE26113-1F	12/30/25	00:00	LC	12/30/25	AQ	Groundwater Filtered	GWDUP01_123025
JE26113-2	12/30/25	11:00	LC	12/30/25	AQ	Ground Water	MW02_123025
JE26113-2F	12/30/25	11:00	LC	12/30/25	AQ	Groundwater Filtered	MW02_123025
JE26113-3	12/30/25	13:15	LC	12/30/25	AQ	Ground Water	MW03_123025
JE26113-3F	12/30/25	13:15	LC	12/30/25	AQ	Groundwater Filtered	MW03_123025
JE26113-4	12/30/25	15:05	LC	12/30/25	AQ	Ground Water	MW07_123025
JE26113-4F	12/30/25	15:05	LC	12/30/25	AQ	Groundwater Filtered	MW07_123025
JE26113-5	12/30/25	15:25	LC	12/30/25	AQ	Field Blank Water	GWFB01_123025
JE26113-6	12/30/25	15:25	LC	12/30/25	AQ	Trip Blank Water	GWTB01_123025
JE26113-7	12/30/25	15:00	LC	12/30/25	SO	Soil	SODRUM01_123025
JE26113-8	12/30/25	15:10	LC	12/30/25	AQ	Ground Water	GWDRUM01_123025

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

CASE NARRATIVE / CONFORMANCE SUMMARY

Client:	Langan Engineering & Environmental	**Job No:**	JE26113
Site:	252 3rd Street, Brooklyn, NY	**Report Date**	1/9/2026 9:38:50 AM

On 12/30/2025, 6 sample(s), 1 Trip Blank(s), 0 Equip. Blank(s) and 1 Field Blank(s) were received at SGS North America Inc. (SGS) at a temperature of 2.9 °C. The samples were intact and properly preserved, unless noted below. An SGS Job Number of JE26113 was assigned to the project. The lab sample ID, client sample ID, and date of sample collection are detailed in the report's Results Summary.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

MS Volatiles By Method SW846 8260D

Matrix: AQ **Batch ID:** V1V4557

- All samples were analyzed within the recommended method holding time.
- Sample(s) JE26120-8MS, JE26120-8MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- JE26113-1: Dilution required due to high concentration of non-target compound.
- JE26113-3: Dilution required due to high concentration of non-target compound.
- JE26113-8: Dilution required due to high concentration of non-target compound.
- JE26113-1 for Bromoform: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JE26113-3 for Bromoform: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JE26113-8 for Bromoform: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JE26113-2 for Bromoform: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JE26113-4 for Bromoform: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

Matrix: AQ **Batch ID:** V4D6477

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JE26137-16MS, JE26137-16MSD were used as the QC samples indicated.
- JE26113-5 for Bromomethane: Associated CCV outside of control limits high, sample was ND.
- JE26113-5 for Carbon disulfide: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JE26113-6 for Bromomethane: Associated CCV outside of control limits high, sample was ND.
- JE26113-6 for Carbon disulfide: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

MS Semi-volatiles By Method SW846 8270E

Matrix: AQ **Batch ID:** OP70176

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- OP70176-BSD for Hexachlorocyclopentadiene: Analytical precision exceeds in-house control limits.
- JE26113-4 for Caprolactam: Associated CCV outside of control limits high, sample was ND.
- JE26113-3 for Phenol-d5: Outside control limits due to dilution.
- JE26113-1 for Phenol-d5: Outside control limits due to dilution.
- JE26113-5 for 2,4-Dinitrophenol: Associated CCV outside of control limits high, sample was ND.
- JE26113-5 for 4,6-Dinitro-o-cresol: Associated CCV outside of control limits high, sample was ND.
- JE26113-5 for Atrazine: Associated CCV outside of control limits high, sample was ND.
- JE26113-4 for Hexachlorocyclopentadiene: Associated CCV outside of control limits high, sample was ND.
- JE26113-5 for Hexachlorocyclopentadiene: Associated CCV outside of control limits high, sample was ND.
- JE26113-2 for Caprolactam: Associated CCV outside of control limits high, sample was ND.
- JE26113-4 for 2,4-Dinitrophenol: Associated CCV outside of control limits high, sample was ND.
- JE26113-3 for Hexachlorocyclopentadiene: Associated CCV outside of control limits high, sample was ND.
- JE26113-3 for Caprolactam: Associated CCV outside of control limits high, sample was ND.
- JE26113-3 for Atrazine: Associated CCV outside of control limits high, sample was ND.
- JE26113-3 for 4,6-Dinitro-o-cresol: Associated CCV outside of control limits high, sample was ND.
- JE26113-3 for 2,4-Dinitrophenol: Associated CCV outside of control limits high, sample was ND.
- JE26113-5 for Caprolactam: Associated CCV outside of control limits high, sample was ND.
- JE26113-4 for 4,6-Dinitro-o-cresol: Associated CCV outside of control limits high, sample was ND.
- OP70176-BSD for Hexachloroethane: Analytical precision exceeds in-house control limits.
- JE26113-2 for Hexachlorocyclopentadiene: Associated CCV outside of control limits high, sample was ND.
- JE26113-2 for Atrazine: Associated CCV outside of control limits high, sample was ND.
- JE26113-2 for 4,6-Dinitro-o-cresol: Associated CCV outside of control limits high, sample was ND.
- JE26113-2 for 2,4-Dinitrophenol: Associated CCV outside of control limits high, sample was ND.
- JE26113-1 for Hexachlorocyclopentadiene: Associated CCV outside of control limits high, sample was ND.
- JE26113-1 for Caprolactam: Associated CCV outside of control limits high, sample was ND.
- JE26113-1 for Atrazine: Associated CCV outside of control limits high, sample was ND.
- JE26113-1 for 4,6-Dinitro-o-cresol: Associated CCV outside of control limits high, sample was ND.
- JE26113-1 for 2,4-Dinitrophenol: Associated CCV outside of control limits high, sample was ND.
- JE26113-4 for Atrazine: Associated CCV outside of control limits high, sample was ND.

GC/LC Semi-volatiles By Method SW846 8082A

Matrix: AQ **Batch ID:** OP70190

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- OP70190-BS1 for Aroclor 1260: Reported from the 1st signal. The %D of the CCV on the 2nd signal exceeds the method criteria of 20%, so it being used for confirmation only.
- OP70190-BS1 for Aroclor 1016: Reported from the 1st signal. The %D of the CCV on the 2nd signal exceeds the method criteria of 20%, so it being used for confirmation only.
- OP70190-MB1 for Decachlorobiphenyl: Outside of in house control limits.
- OP70190-BSD for Aroclor 1016: Reported from the 1st signal. The %D of the CCV on the 2nd signal exceeds the method criteria of 20%, so it being used for confirmation only.
- OP70190-BSD for Aroclor 1260: Reported from the 1st signal. The %D of the CCV on the 2nd signal exceeds the method criteria of 20%, so it being used for confirmation only.
- JE26113-8 for Decachlorobiphenyl: Outside of in house control limits.
- OP70190-BSD for Decachlorobiphenyl: Outside of in house control limits.

Matrix: SO **Batch ID:** OP70185

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- Sample(s) JE26053-1MS, JE26053-1MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- The matrix spike (MS) recovery(s) of Aroclor 1254 are outside in house control limits.
- The RPD(s) for the MS and MSD recoveries of Aroclor 1254 are outside control limits. Analytical precision exceeds in-house control limits.
- OP70185-BS1 for Aroclor 1260: Reported from the 1st signal. The %D of the CCV on the 2nd signal exceeds the method criteria of 20%, so it being used for confirmation only.
- OP70185-BS1 for Aroclor 1016: Reported from the 1st signal. The %D of the CCV on the 2nd signal exceeds the method criteria of 20%, so it being used for confirmation only.
- JE26113-7 for Aroclor 1254: Reported from the 1st signal. The %D of the CCV on the 2nd signal exceeds the method criteria of 20%, so it being used for confirmation only.

Metals Analysis By Method SW846 6010D

Matrix: AQ **Batch ID:** MP59608

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JE26113-1FMS, JE26113-1FMSD, JE26113-1FSDL were used as the QC samples for the metals analysis.
- The matrix spike (MS) recovery(s) of Sodium are outside control limits. Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.
- The serial dilution RPD(s) for Lead, Arsenic, Chromium, Cobalt, Copper, Silver, Tin are outside control limits. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
- MP59608-SD1 for Zinc: Serial dilution indicates possible matrix interference.
- JE26113-1 for Lead: Elevated detection limit due to dilution required for high interfering element.
- JE26113-4 for Lead: Elevated detection limit due to dilution required for high interfering element.
- JE26113-1F for Lead: Elevated detection limit due to dilution required for high interfering element.
- JE26113-4F for Lead: Elevated detection limit due to dilution required for high interfering element.
- The matrix spike duplicate (MSD) recovery(s) of Calcium, Sodium are outside control limits. Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.

Matrix: LEACHATE **Batch ID:** MP59637

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JE26053-1MS, JE26053-1MSD, JE26053-1SDL were used as the QC samples for the metals analysis.
- The serial dilution RPD(s) for Arsenic, Cadmium, Selenium are outside control limits. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

Metals Analysis By Method SW846 7470A

Matrix: AQ **Batch ID:** MP59610

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JE26113-1MSD, JE26113-1PS, JE26113-1MS were used as the QC samples for the metals analysis.
- The matrix spike (MS) recovery(s) of Mercury are outside control limits. Spike recovery indicates possible matrix interference.
- The matrix spike duplicate (MSD) recovery(s) of Mercury are outside control limits. Spike recovery indicates possible matrix interference.

Matrix: AQ **Batch ID:** MP59628

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JE26113-1FMS, JE26113-1FMSD, JE26113-1FPS were used as the QC samples for the metals analysis.

Matrix: LEACHATE **Batch ID:** MP59647

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JE26053-1MS, JE26053-1MSD were used as the QC samples for the metals analysis.

General Chemistry By Method EPA 335.4/LACHAT

Matrix: AQ **Batch ID:** GP66702

- All samples were prepared within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JE26052-4DUP, JE26052-4MS were used as the QC samples for the Cyanide analysis.

General Chemistry By Method SM2540 G 18TH ED MOD

Matrix: SO **Batch ID:** GN77856

- Sample(s) JE26110-1DUP were used as the QC samples for the Solids, Percent analysis.

General Chemistry By Method SW846 6010/7196A M

Matrix: AQ **Batch ID:** R221326

- The data for SW846 6010/7196A M meets quality control requirements.
- JE26113-1 for Chromium, Trivalent: Calculated as: (Chromium) - (Chromium, Hexavalent)

Matrix: AQ **Batch ID:** R221327

- The data for SW846 6010/7196A M meets quality control requirements.
- JE26113-2 for Chromium, Trivalent: Calculated as: (Chromium) - (Chromium, Hexavalent)

Matrix: AQ **Batch ID:** R221328

- The data for SW846 6010/7196A M meets quality control requirements.
- JE26113-4 for Chromium, Trivalent: Calculated as: (Chromium) - (Chromium, Hexavalent)

Matrix: AQ **Batch ID:** R221329

- The data for SW846 6010/7196A M meets quality control requirements.
- JE26113-5 for Chromium, Trivalent: Calculated as: (Chromium) - (Chromium, Hexavalent)

Matrix: AQ **Batch ID:** R221330

- The data for SW846 6010/7196A M meets quality control requirements.
- JE26113-3 for Chromium, Trivalent: Calculated as: (Chromium) - (Chromium, Hexavalent)

General Chemistry By Method SW846 7196A

Matrix: AQ **Batch ID:** GN77838

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JE26113-1DUP, JE26113-1MS were used as the QC samples for the Chromium, Hexavalent analysis.
- JE26113-1 for Chromium, Hexavalent: Analysis done out of holding time.

General Chemistry By Method SW846 9023

Matrix: SO **Batch ID:** GP66839

- All samples were prepared within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) DA78198-1MS, DA78198-1MSD were used as the QC samples for the Total Organic Halides analysis.

SGS certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting SGS's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

SGS is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. This report is authorized by SGS indicated via signature on the report cover.

Summary of Hits

Job Number: JE26113
Account: Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY
Collected: 12/30/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JE26113-1	**GWDUP01_123025**					
Benzene [a]		2.0	2.0	1.7	ug/l	SW846 8260D
Chloroform [a]		2.4 J	4.0	2.0	ug/l	SW846 8260D
Ethylbenzene [a]		5.4	4.0	2.4	ug/l	SW846 8260D
Methyl Tert Butyl Ether [a]		2.2 J	4.0	2.0	ug/l	SW846 8260D
Acenaphthene		228	20	3.8	ug/l	SW846 8270E
Acenaphthylene		1.2	1.0	0.14	ug/l	SW846 8270E
Anthracene		15.2	1.0	0.21	ug/l	SW846 8270E
Benzo(a)anthracene		1.3	1.0	0.20	ug/l	SW846 8270E
Benzo(a)pyrene		1.3	1.0	0.21	ug/l	SW846 8270E
Benzo(b)fluoranthene		0.93 J	1.0	0.21	ug/l	SW846 8270E
Benzo(g,h,i)perylene		0.94 J	1.0	0.34	ug/l	SW846 8270E
Benzo(k)fluoranthene		0.33 J	1.0	0.21	ug/l	SW846 8270E
1,1'-Biphenyl		0.43 J	1.0	0.21	ug/l	SW846 8270E
Chrysene		1.9	1.0	0.18	ug/l	SW846 8270E
Fluoranthene		11.5	1.0	0.17	ug/l	SW846 8270E
Fluorene		76.0	1.0	0.17	ug/l	SW846 8270E
Indeno(1,2,3-cd)pyrene		0.53 J	1.0	0.33	ug/l	SW846 8270E
2-Methylnaphthalene		62.1	1.0	0.21	ug/l	SW846 8270E
Naphthalene		1150	20	4.6	ug/l	SW846 8270E
Phenanthrene		56.3	1.0	0.18	ug/l	SW846 8270E
Pyrene		15.3	1.0	0.22	ug/l	SW846 8270E
Aluminum		8440	200		ug/l	SW846 6010D
Arsenic		18.2	3.0		ug/l	SW846 6010D
Barium		394	200		ug/l	SW846 6010D
Calcium		253000	25000		ug/l	SW846 6010D
Chromium		34.3	10		ug/l	SW846 6010D
Copper		70.8	10		ug/l	SW846 6010D
Iron		19200	100		ug/l	SW846 6010D
Lead [b]		359	15		ug/l	SW846 6010D
Magnesium		50500	5000		ug/l	SW846 6010D
Manganese		2360	15		ug/l	SW846 6010D
Mercury		0.54	0.20		ug/l	SW846 7470A
Nickel		50.7	10		ug/l	SW846 6010D
Potassium		21800	10000		ug/l	SW846 6010D
Sodium		460000	50000		ug/l	SW846 6010D
Zinc		142	20		ug/l	SW846 6010D
Chromium, Trivalent [c]		0.034	0.020		mg/l	SW846 6010/7196A M
Cyanide		0.077	0.010		mg/l	EPA 335.4/LACHAT
JE26113-1F	**GWDUP01_123025**					
Aluminum		1220	200		ug/l	SW846 6010D
Arsenic		7.4	3.0		ug/l	SW846 6010D

Summary of Hits

Job Number: JE26113
Account: Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY
Collected: 12/30/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Barium		296	200		ug/l	SW846 6010D
Calcium		223000	25000		ug/l	SW846 6010D
Copper		10.8	10		ug/l	SW846 6010D
Iron		4070	100		ug/l	SW846 6010D
Lead [b]		38.1	15		ug/l	SW846 6010D
Magnesium		47100	5000		ug/l	SW846 6010D
Manganese		2230	15		ug/l	SW846 6010D
Nickel		20.7	10		ug/l	SW846 6010D
Potassium		20300	10000		ug/l	SW846 6010D
Sodium		446000	50000		ug/l	SW846 6010D
JE26113-2	**MW02_123025**					
Acenaphthene		0.24 J	1.0	0.19	ug/l	SW846 8270E
2-Methylnaphthalene		1.0	1.0	0.21	ug/l	SW846 8270E
Naphthalene		2.8	1.0	0.23	ug/l	SW846 8270E
Barium		506	200		ug/l	SW846 6010D
Calcium		191000	5000		ug/l	SW846 6010D
Iron		109	100		ug/l	SW846 6010D
Magnesium		69300	5000		ug/l	SW846 6010D
Manganese		9790	75		ug/l	SW846 6010D
Nickel		17.2	10		ug/l	SW846 6010D
Sodium		745000	50000		ug/l	SW846 6010D
Cyanide		0.10	0.010		mg/l	EPA 335.4/LACHAT
JE26113-2F	**MW02_123025**					
Barium		496	200		ug/l	SW846 6010D
Calcium		190000	5000		ug/l	SW846 6010D
Magnesium		70200	5000		ug/l	SW846 6010D
Manganese		9610	75		ug/l	SW846 6010D
Nickel		16.5	10		ug/l	SW846 6010D
Sodium		744000	50000		ug/l	SW846 6010D
JE26113-3	**MW03_123025**					
Benzene [a]		2.2	2.0	1.7	ug/l	SW846 8260D
Chloroform [a]		2.9 J	4.0	2.0	ug/l	SW846 8260D
Ethylbenzene [a]		5.3	4.0	2.4	ug/l	SW846 8260D
Methyl Tert Butyl Ether [a]		2.2 J	4.0	2.0	ug/l	SW846 8260D
Acenaphthene		215	20	3.8	ug/l	SW846 8270E
Acenaphthylene		0.55 J	1.0	0.14	ug/l	SW846 8270E
Anthracene		6.1	1.0	0.21	ug/l	SW846 8270E
Benzo(a)anthracene		0.45 J	1.0	0.20	ug/l	SW846 8270E
1,1'-Biphenyl		0.34 J	1.0	0.21	ug/l	SW846 8270E

Summary of Hits

Job Number: JE26113
Account: Langan Engineering & Environmental
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Collected: 12/30/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Chrysene		0.29 J	1.0	0.18	ug/l	SW846 8270E
Fluoranthene		6.6	1.0	0.17	ug/l	SW846 8270E
Fluorene		64.3	1.0	0.17	ug/l	SW846 8270E
2-Methylnaphthalene		73.6	1.0	0.21	ug/l	SW846 8270E
Naphthalene		1100	20	4.6	ug/l	SW846 8270E
Phenanthrene		48.0	1.0	0.18	ug/l	SW846 8270E
Pyrene		8.8	1.0	0.22	ug/l	SW846 8270E
Aluminum		3050	200		ug/l	SW846 6010D
Arsenic		10.2	3.0		ug/l	SW846 6010D
Barium		377	200		ug/l	SW846 6010D
Calcium		239000	25000		ug/l	SW846 6010D
Chromium		16.4	10		ug/l	SW846 6010D
Copper		25.8	10		ug/l	SW846 6010D
Iron		8870	100		ug/l	SW846 6010D
Lead		143	15		ug/l	SW846 6010D
Magnesium		48800	5000		ug/l	SW846 6010D
Manganese		2300	15		ug/l	SW846 6010D
Mercury		0.25	0.20		ug/l	SW846 7470A
Nickel		28.0	10		ug/l	SW846 6010D
Potassium		22100	10000		ug/l	SW846 6010D
Sodium		454000	50000		ug/l	SW846 6010D
Zinc		54.9	20		ug/l	SW846 6010D
Cyanide		0.13	0.010		mg/l	EPA 335.4/LACHAT
JE26113-3F	**MW03_123025**					
Arsenic		5.6	3.0		ug/l	SW846 6010D
Barium		290	200		ug/l	SW846 6010D
Calcium		214000	25000		ug/l	SW846 6010D
Iron		1770	100		ug/l	SW846 6010D
Magnesium		46800	5000		ug/l	SW846 6010D
Manganese		2070	15		ug/l	SW846 6010D
Nickel		17.0	10		ug/l	SW846 6010D
Potassium		20300	10000		ug/l	SW846 6010D
Sodium		437000	50000		ug/l	SW846 6010D
JE26113-4	**MW07_123025**					
Methyl Tert Butyl Ether		0.59 J	1.0	0.51	ug/l	SW846 8260D
Acenaphthene		117	5.0	0.96	ug/l	SW846 8270E
Acenaphthylene		30.1	1.0	0.14	ug/l	SW846 8270E
Acetophenone		0.31 J	2.0	0.21	ug/l	SW846 8270E
Anthracene		0.82 J	1.0	0.21	ug/l	SW846 8270E
Benzo(a)anthracene		2.5	1.0	0.20	ug/l	SW846 8270E
Benzo(a)pyrene		4.8	1.0	0.21	ug/l	SW846 8270E

Summary of Hits

Job Number: JE26113
Account: Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY
Collected: 12/30/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Benzo(b)fluoranthene		4.3	1.0	0.21	ug/l	SW846 8270E
Benzo(g,h,i)perylene		4.2	1.0	0.34	ug/l	SW846 8270E
Benzo(k)fluoranthene		4.6	1.0	0.21	ug/l	SW846 8270E
1,1'-Biphenyl		0.54 J	1.0	0.21	ug/l	SW846 8270E
Chrysene		2.1	1.0	0.18	ug/l	SW846 8270E
Dibenzo(a,h)anthracene		0.35 J	1.0	0.33	ug/l	SW846 8270E
Dibenzofuran		0.39 J	5.0	0.22	ug/l	SW846 8270E
Fluoranthene		10.6	1.0	0.17	ug/l	SW846 8270E
Fluorene		0.70 J	1.0	0.17	ug/l	SW846 8270E
Indeno(1,2,3-cd)pyrene		2.1	1.0	0.33	ug/l	SW846 8270E
2-Methylnaphthalene		0.24 J	1.0	0.21	ug/l	SW846 8270E
Naphthalene		3.1	1.0	0.23	ug/l	SW846 8270E
Phenanthrene		1.1	1.0	0.18	ug/l	SW846 8270E
Pyrene		15.8	1.0	0.22	ug/l	SW846 8270E
Aluminum		9510	200		ug/l	SW846 6010D
Arsenic		9.7	3.0		ug/l	SW846 6010D
Beryllium		4.1	1.0		ug/l	SW846 6010D
Cadmium		4.1	3.0		ug/l	SW846 6010D
Calcium		229000	10000		ug/l	SW846 6010D
Chromium		22.0	10		ug/l	SW846 6010D
Copper		50.5	10		ug/l	SW846 6010D
Iron		20700	100		ug/l	SW846 6010D
Lead [b]		131	6.0		ug/l	SW846 6010D
Magnesium		22500	5000		ug/l	SW846 6010D
Manganese		943	15		ug/l	SW846 6010D
Nickel		91.2	10		ug/l	SW846 6010D
Potassium		17300	10000		ug/l	SW846 6010D
Sodium		116000	10000		ug/l	SW846 6010D
Zinc		302	20		ug/l	SW846 6010D
Chromium, Trivalent [c]		0.022	0.020		mg/l	SW846 6010/7196A M
Cyanide		0.073	0.010		mg/l	EPA 335.4/LACHAT
JE26113-4F	**MW07_123025**					
Calcium		238000	10000		ug/l	SW846 6010D
Iron		155	100		ug/l	SW846 6010D
Magnesium		21500	5000		ug/l	SW846 6010D
Manganese		819	15		ug/l	SW846 6010D
Potassium		17200	10000		ug/l	SW846 6010D
Sodium		127000	10000		ug/l	SW846 6010D
JE26113-5	**GWFB01_123025**					
No hits reported in this sample.						

Summary of Hits

Job Number: JE26113
Account: Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY
Collected: 12/30/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JE26113-6	**GWTB01_123025**					
No hits reported in this sample.						
JE26113-7	**SODRUM01_123025**					
Aroclor 1254 [d]		172	23	2.5	ug/kg	SW846 8082A
Total PCBs		172	23	1.9	ug/kg	SW846 8082A
Total Organic Halides		28.1	23		mg/kg	SW846 9023
Barium		0.63	0.20		mg/l	SW846 6010D
Cadmium		0.0064	0.0040		mg/l	SW846 6010D
Lead		0.71	0.10		mg/l	SW846 6010D
JE26113-8	**GWDRUM01_123025**					
Acetone [a]		33.5	25	7.6	ug/l	SW846 8260D
Carbon disulfide [a]		32.2	5.0	4.5	ug/l	SW846 8260D
Chloroform [a]		1.5 J	2.5	1.3	ug/l	SW846 8260D
Ethylbenzene [a]		1.6 J	2.5	1.5	ug/l	SW846 8260D
Aluminum		55300	200		ug/l	SW846 6010D
Arsenic		93.4	3.0		ug/l	SW846 6010D
Barium		744	200		ug/l	SW846 6010D
Cadmium		5.5	3.0		ug/l	SW846 6010D
Chromium		215	10		ug/l	SW846 6010D
Cobalt		86.9	50		ug/l	SW846 6010D
Copper		499	10		ug/l	SW846 6010D
Iron		118000	100		ug/l	SW846 6010D
Lead		2230	3.0		ug/l	SW846 6010D
Mercury		13.0	1.2		ug/l	SW846 7470A
Nickel		282	10		ug/l	SW846 6010D
Tin		242	10		ug/l	SW846 6010D
Zinc		1430	20		ug/l	SW846 6010D

(a) Dilution required due to high concentration of non-target compound.
(b) Elevated detection limit due to dilution required for high interfering element.
(c) Calculated as: (Chromium) - (Chromium, Hexavalent)
(d) Reported from the 1st signal. The %D of the CCV on the 2nd signal exceeds the method criteria of 20%, so it being used for confirmation only.

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	GWDUP01_123025		
Lab Sample ID:	JE26113-1	**Date Sampled:**	12/30/25
Matrix:	AQ - Ground Water	**Date Received:**	12/30/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	252 3rd Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	1V120696.D	4	01/06/26 13:13	ED	n/a	n/a	V1V4557
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	40	12	ug/l	
71-43-2	Benzene	2.0	2.0	1.7	ug/l	
74-97-5	Bromochloromethane	ND	4.0	1.9	ug/l	
75-27-4	Bromodichloromethane	ND	3.9	1.8	ug/l	
75-25-2	Bromoform [b]	ND	4.0	2.5	ug/l	
74-83-9	Bromomethane	ND	8.0	6.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	40	11	ug/l	
75-15-0	Carbon disulfide	ND	8.0	7.2	ug/l	
56-23-5	Carbon tetrachloride	ND	4.0	2.2	ug/l	
108-90-7	Chlorobenzene	ND	4.0	2.2	ug/l	
75-00-3	Chloroethane	ND	4.0	2.9	ug/l	
67-66-3	Chloroform	2.4	4.0	2.0	ug/l	J
74-87-3	Chloromethane	ND	4.0	3.0	ug/l	
110-82-7	Cyclohexane	ND	20	3.1	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	8.0	2.1	ug/l	
124-48-1	Dibromochloromethane	ND	3.1	2.2	ug/l	
106-93-4	1,2-Dibromoethane	ND	4.0	1.9	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	4.0	2.1	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	4.0	2.2	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	4.0	2.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	8.0	2.2	ug/l	
75-34-3	1,1-Dichloroethane	ND	4.0	2.3	ug/l	
107-06-2	1,2-Dichloroethane	ND	4.0	2.4	ug/l	
75-35-4	1,1-Dichloroethene	ND	4.0	2.4	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	4.0	2.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	4.0	2.1	ug/l	
78-87-5	1,2-Dichloropropane	ND	3.7	2.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	4.0	1.9	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	1.7	ug/l	
100-41-4	Ethylbenzene	5.4	4.0	2.4	ug/l	
76-13-1	Freon 113	ND	20	2.3	ug/l	
591-78-6	2-Hexanone	ND	20	19	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	GWDUP01_123025		
Lab Sample ID:	JE26113-1	**Date Sampled:**	12/30/25
Matrix:	AQ - Ground Water	**Date Received:**	12/30/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	252 3rd Street, Brooklyn, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	4.0	2.6	ug/l	
79-20-9	Methyl Acetate	ND	20	3.2	ug/l	
108-87-2	Methylcyclohexane	ND	20	2.4	ug/l	
1634-04-4	Methyl Tert Butyl Ether	2.2	4.0	2.0	ug/l	J
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	20	19	ug/l	
75-09-2	Methylene chloride	ND	8.0	4.0	ug/l	
100-42-5	Styrene	ND	4.0	1.9	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	4.0	2.6	ug/l	
127-18-4	Tetrachloroethene	ND	4.0	2.2	ug/l	
108-88-3	Toluene	ND	4.0	2.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	4.0	2.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	4.0	2.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	4.0	2.1	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	4.0	2.1	ug/l	
79-01-6	Trichloroethene	ND	4.0	2.1	ug/l	
75-69-4	Trichlorofluoromethane	ND	8.0	1.6	ug/l	
75-01-4	Vinyl chloride	ND	4.0	2.1	ug/l	
	m,p-Xylene	ND	4.0	3.1	ug/l	
95-47-6	o-Xylene	ND	4.0	2.4	ug/l	
1330-20-7	Xylene (total)	ND	4.0	2.4	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		80-120%
17060-07-0	1,2-Dichloroethane-D4	120%		80-120%
2037-26-5	Toluene-D8	96%		80-120%
460-00-4	4-Bromofluorobenzene	106%		82-114%

(a) Dilution required due to high concentration of non-target compound.
(b) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	GWDUP01_123025		
Lab Sample ID:	JE26113-1	**Date Sampled:**	12/30/25
Matrix:	AQ - Ground Water	**Date Received:**	12/30/25
Method:	SW846 8270E SW846 3510C	**Percent Solids:**	n/a
Project:	252 3rd Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4P699886.D	1	01/02/26 10:40	RS	12/31/25 10:00	OP70176	E4P3952
Run #2	CR15822.D	20	01/05/26 16:01	AO	12/31/25 10:00	OP70176	ECR745

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2	1000 ml	1.0 ml

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.0	0.82	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	0.89	ug/l	
120-83-2	2,4-Dichlorophenol	ND	2.0	1.3	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	2.4	ug/l	
51-28-5	2,4-Dinitrophenol [a]	ND	5.0	1.6	ug/l	
534-52-1	4,6-Dinitro-o-cresol [a]	ND	5.0	1.3	ug/l	
95-48-7	2-Methylphenol	ND	2.0	0.89	ug/l	
	3&4-Methylphenol	ND	2.0	0.88	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	0.96	ug/l	
100-02-7	4-Nitrophenol	ND	10	1.2	ug/l	
87-86-5	Pentachlorophenol	ND	4.0	1.4	ug/l	
108-95-2	Phenol	ND	2.0	0.39	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	1.5	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	1.3	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	2.0	0.92	ug/l	
83-32-9	Acenaphthene	228 [b]	20	3.8	ug/l	
208-96-8	Acenaphthylene	1.2	1.0	0.14	ug/l	
98-86-2	Acetophenone	ND	2.0	0.21	ug/l	
120-12-7	Anthracene	15.2	1.0	0.21	ug/l	
1912-24-9	Atrazine [a]	ND	2.0	0.45	ug/l	
100-52-7	Benzaldehyde	ND	5.0	0.29	ug/l	
56-55-3	Benzo(a)anthracene	1.3	1.0	0.20	ug/l	
50-32-8	Benzo(a)pyrene	1.3	1.0	0.21	ug/l	
205-99-2	Benzo(b)fluoranthene	0.93	1.0	0.21	ug/l	J
191-24-2	Benzo(g,h,i)perylene	0.94	1.0	0.34	ug/l	J
207-08-9	Benzo(k)fluoranthene	0.33	1.0	0.21	ug/l	J
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.40	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.0	0.46	ug/l	
92-52-4	1,1'-Biphenyl	0.43	1.0	0.21	ug/l	J
91-58-7	2-Chloronaphthalene	ND	2.0	0.24	ug/l	
106-47-8	4-Chloroaniline	ND	5.0	0.34	ug/l	
86-74-8	Carbazole	ND	1.0	0.23	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: GWDUP01_123025
Lab Sample ID: JE26113-1
Matrix: AQ - Ground Water
Method: SW846 8270E SW846 3510C
Project: 252 3rd Street, Brooklyn, NY

Date Sampled: 12/30/25
Date Received: 12/30/25
Percent Solids: n/a

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam [a]	ND	2.0	0.65	ug/l	
218-01-9	Chrysene	1.9	1.0	0.18	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	0.28	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.0	0.25	ug/l	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	2.0	0.40	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.37	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	1.0	0.55	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	1.0	0.48	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	2.0	0.51	ug/l	
123-91-1	1,4-Dioxane	ND	1.0	0.66	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.33	ug/l	
132-64-9	Dibenzofuran	ND	5.0	0.22	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.0	0.50	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.0	0.23	ug/l	
84-66-2	Diethyl phthalate	ND	2.0	0.26	ug/l	
131-11-3	Dimethyl phthalate	ND	2.0	0.22	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.0	1.7	ug/l	
206-44-0	Fluoranthene	11.5	1.0	0.17	ug/l	
86-73-7	Fluorene	76.0	1.0	0.17	ug/l	
118-74-1	Hexachlorobenzene	ND	1.0	0.33	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	0.49	ug/l	
77-47-4	Hexachlorocyclopentadiene [a]	ND	10	2.8	ug/l	
67-72-1	Hexachloroethane	ND	1.0	0.39	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	0.53	1.0	0.33	ug/l	J
78-59-1	Isophorone	ND	2.0	0.28	ug/l	
91-57-6	2-Methylnaphthalene	62.1	1.0	0.21	ug/l	
88-74-4	2-Nitroaniline	ND	5.0	0.28	ug/l	
99-09-2	3-Nitroaniline	ND	5.0	0.39	ug/l	
100-01-6	4-Nitroaniline	ND	5.0	0.44	ug/l	
91-20-3	Naphthalene	1150 [b]	20	4.6	ug/l	
98-95-3	Nitrobenzene	ND	1.0	0.64	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	1.0	0.48	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	0.22	ug/l	
85-01-8	Phenanthrene	56.3	1.0	0.18	ug/l	
129-00-0	Pyrene	15.3	1.0	0.22	ug/l	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	2.0	0.37	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	40%	41%	10-71%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	GWDUP01_123025		
Lab Sample ID:	JE26113-1	**Date Sampled:**	12/30/25
Matrix:	AQ - Ground Water	**Date Received:**	12/30/25
Method:	SW846 8270E SW846 3510C	**Percent Solids:**	n/a
Project:	252 3rd Street, Brooklyn, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	25%	6% [c]	10-58%
118-79-6	2,4,6-Tribromophenol	81%	74%	22-144%
4165-60-0	Nitrobenzene-d5	62%	34%	28-118%
321-60-8	2-Fluorobiphenyl	70%	70%	34-116%
1718-51-0	Terphenyl-d14	70%	81%	10-127%

(a) Associated CCV outside of control limits high, sample was ND.
(b) Result is from Run# 2
(c) Outside control limits due to dilution.

Report of Analysis

Client Sample ID: GWDUP01_123025
Lab Sample ID: JE26113-1
Matrix: AQ - Ground Water
Project: 252 3rd Street, Brooklyn, NY

Date Sampled: 12/30/25
Date Received: 12/30/25
Percent Solids: n/a

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	8440	200	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Antimony	< 6.0	6.0	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Arsenic	18.2	3.0	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Barium	394	200	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Beryllium	< 1.0	1.0	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Cadmium	< 3.0	3.0	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Calcium	253000	25000	ug/l	5	01/02/26	01/05/26	LM	SW846 6010D [3]	SW846 3010A [4]
Chromium	34.3	10	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Cobalt	< 50	50	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Copper	70.8	10	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Iron	19200	100	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Lead [a]	359	15	ug/l	5	01/02/26	01/05/26	LM	SW846 6010D [3]	SW846 3010A [4]
Magnesium	50500	5000	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Manganese	2360	15	ug/l	1	01/02/26	01/05/26	LM	SW846 6010D [3]	SW846 3010A [4]
Mercury	0.54	0.20	ug/l	1	12/31/25	01/02/26	MK	SW846 7470A [1]	SW846 7470A [5]
Nickel	50.7	10	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Potassium	21800	10000	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Selenium	< 10	10	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Silver	< 10	10	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Sodium	460000	50000	ug/l	5	01/02/26	01/05/26	LM	SW846 6010D [3]	SW846 3010A [4]
Thallium	< 10	10	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Vanadium	< 50	50	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Zinc	142	20	ug/l	1	01/02/26	01/05/26	LM	SW846 6010D [3]	SW846 3010A [4]

(1) Instrument QC Batch: MA60039
(2) Instrument QC Batch: MA60051
(3) Instrument QC Batch: MA60060
(4) Prep QC Batch: MP59608
(5) Prep QC Batch: MP59610

(a) Elevated detection limit due to dilution required for high interfering element.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	GWDUP01_123025		
Lab Sample ID:	JE26113-1	**Date Sampled:**	12/30/25
Matrix:	AQ - Ground Water	**Date Received:**	12/30/25
		Percent Solids:	n/a
Project:	252 3rd Street, Brooklyn, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent [a]	< 0.010	0.010	mg/l	1	12/31/25 09:40	JOO	SW846 7196A
Chromium, Trivalent [b]	0.034	0.020	mg/l	1	01/03/26 08:14	LM	SW846 6010/7196A M
Cyanide	0.077	0.010	mg/l	1	01/02/26 19:35	JD	EPA 335.4/LACHAT

(a) Analysis done out of holding time.
(b) Calculated as: (Chromium) - (Chromium, Hexavalent)

RL = Reporting Limit

Report of Analysis

Client Sample ID: GWDUP01_123025
Lab Sample ID: JE26113-1F
Matrix: AQ - Groundwater Filtered
Project: 252 3rd Street, Brooklyn, NY

Date Sampled: 12/30/25
Date Received: 12/30/25
Percent Solids: n/a

Dissolved Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	1220	200	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Antimony	< 6.0	6.0	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Arsenic	7.4	3.0	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Barium	296	200	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Beryllium	< 1.0	1.0	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Cadmium	< 3.0	3.0	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Calcium	223000	25000	ug/l	5	01/02/26	01/05/26	LM	SW846 6010D [3]	SW846 3010A [4]
Chromium	< 10	10	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Cobalt	< 50	50	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Copper	10.8	10	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Iron	4070	100	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Lead [a]	38.1	15	ug/l	5	01/02/26	01/05/26	LM	SW846 6010D [3]	SW846 3010A [4]
Magnesium	47100	5000	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Manganese	2230	15	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Mercury	< 0.20	0.20	ug/l	1	01/02/26	01/02/26	MK	SW846 7470A [1]	SW846 7470A [5]
Nickel	20.7	10	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Potassium	20300	10000	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Selenium	< 10	10	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Silver	< 10	10	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Sodium	446000	50000	ug/l	5	01/02/26	01/05/26	LM	SW846 6010D [3]	SW846 3010A [4]
Thallium	< 10	10	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Vanadium	< 50	50	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Zinc	< 20	20	ug/l	1	01/02/26	01/05/26	LM	SW846 6010D [3]	SW846 3010A [4]

(1) Instrument QC Batch: MA60048
(2) Instrument QC Batch: MA60051
(3) Instrument QC Batch: MA60060
(4) Prep QC Batch: MP59608
(5) Prep QC Batch: MP59628

(a) Elevated detection limit due to dilution required for high interfering element.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW02_123025		
Lab Sample ID:	JE26113-2	**Date Sampled:**	12/30/25
Matrix:	AQ - Ground Water	**Date Received:**	12/30/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	252 3rd Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1V120691.D	1	01/06/26 11:06	ED	n/a	n/a	V1V4557
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.1	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	0.98	0.45	ug/l	
75-25-2	Bromoform [a]	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.7	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.8	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.78	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	0.78	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	0.92	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
76-13-1	Freon 113	ND	5.0	0.58	ug/l	
591-78-6	2-Hexanone	ND	5.0	4.8	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW02_123025		
Lab Sample ID:	JE26113-2	**Date Sampled:**	12/30/25
Matrix:	AQ - Ground Water	**Date Received:**	12/30/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	252 3rd Street, Brooklyn, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.80	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.60	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	4.9	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.56	ug/l	
108-88-3	Toluene	ND	1.0	0.49	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.52	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		80-120%
17060-07-0	1,2-Dichloroethane-D4	119%		80-120%
2037-26-5	Toluene-D8	99%		80-120%
460-00-4	4-Bromofluorobenzene	106%		82-114%

(a) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW02_123025		
Lab Sample ID:	JE26113-2	**Date Sampled:**	12/30/25
Matrix:	AQ - Ground Water	**Date Received:**	12/30/25
Method:	SW846 8270E SW846 3510C	**Percent Solids:**	n/a
Project:	252 3rd Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4P699887.D	1	01/02/26 11:04	RS	12/31/25 10:00	OP70176	E4P3952
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.0	0.82	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	0.89	ug/l	
120-83-2	2,4-Dichlorophenol	ND	2.0	1.3	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	2.4	ug/l	
51-28-5	2,4-Dinitrophenol [a]	ND	5.0	1.6	ug/l	
534-52-1	4,6-Dinitro-o-cresol [a]	ND	5.0	1.3	ug/l	
95-48-7	2-Methylphenol	ND	2.0	0.89	ug/l	
	3&4-Methylphenol	ND	2.0	0.88	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	0.96	ug/l	
100-02-7	4-Nitrophenol	ND	10	1.2	ug/l	
87-86-5	Pentachlorophenol	ND	4.0	1.4	ug/l	
108-95-2	Phenol	ND	2.0	0.39	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	1.5	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	1.3	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	2.0	0.92	ug/l	
83-32-9	Acenaphthene	0.24	1.0	0.19	ug/l	J
208-96-8	Acenaphthylene	ND	1.0	0.14	ug/l	
98-86-2	Acetophenone	ND	2.0	0.21	ug/l	
120-12-7	Anthracene	ND	1.0	0.21	ug/l	
1912-24-9	Atrazine [a]	ND	2.0	0.45	ug/l	
100-52-7	Benzaldehyde	ND	5.0	0.29	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.0	0.20	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.0	0.21	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.0	0.21	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	0.34	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.0	0.21	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.40	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.0	0.46	ug/l	
92-52-4	1,1'-Biphenyl	ND	1.0	0.21	ug/l	
91-58-7	2-Chloronaphthalene	ND	2.0	0.24	ug/l	
106-47-8	4-Chloroaniline	ND	5.0	0.34	ug/l	
86-74-8	Carbazole	ND	1.0	0.23	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW02_123025
Lab Sample ID: JE26113-2
Matrix: AQ - Ground Water
Method: SW846 8270E SW846 3510C
Project: 252 3rd Street, Brooklyn, NY

Date Sampled: 12/30/25
Date Received: 12/30/25
Percent Solids: n/a

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam [a]	ND	2.0	0.65	ug/l	
218-01-9	Chrysene	ND	1.0	0.18	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	0.28	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.0	0.25	ug/l	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	2.0	0.40	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.37	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	1.0	0.55	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	1.0	0.48	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	2.0	0.51	ug/l	
123-91-1	1,4-Dioxane	ND	1.0	0.66	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.33	ug/l	
132-64-9	Dibenzofuran	ND	5.0	0.22	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.0	0.50	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.0	0.23	ug/l	
84-66-2	Diethyl phthalate	ND	2.0	0.26	ug/l	
131-11-3	Dimethyl phthalate	ND	2.0	0.22	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.0	1.7	ug/l	
206-44-0	Fluoranthene	ND	1.0	0.17	ug/l	
86-73-7	Fluorene	ND	1.0	0.17	ug/l	
118-74-1	Hexachlorobenzene	ND	1.0	0.33	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	0.49	ug/l	
77-47-4	Hexachlorocyclopentadiene [a]	ND	10	2.8	ug/l	
67-72-1	Hexachloroethane	ND	1.0	0.39	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.0	0.33	ug/l	
78-59-1	Isophorone	ND	2.0	0.28	ug/l	
91-57-6	2-Methylnaphthalene	1.0	1.0	0.21	ug/l	
88-74-4	2-Nitroaniline	ND	5.0	0.28	ug/l	
99-09-2	3-Nitroaniline	ND	5.0	0.39	ug/l	
100-01-6	4-Nitroaniline	ND	5.0	0.44	ug/l	
91-20-3	Naphthalene	2.8	1.0	0.23	ug/l	
98-95-3	Nitrobenzene	ND	1.0	0.64	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	1.0	0.48	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	0.22	ug/l	
85-01-8	Phenanthrene	ND	1.0	0.18	ug/l	
129-00-0	Pyrene	ND	1.0	0.22	ug/l	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	2.0	0.37	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	44%		10-71%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW02_123025		
Lab Sample ID:	JE26113-2	**Date Sampled:**	12/30/25
Matrix:	AQ - Ground Water	**Date Received:**	12/30/25
Method:	SW846 8270E SW846 3510C	**Percent Solids:**	n/a
Project:	252 3rd Street, Brooklyn, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	27%		10-58%
118-79-6	2,4,6-Tribromophenol	83%		22-144%
4165-60-0	Nitrobenzene-d5	64%		28-118%
321-60-8	2-Fluorobiphenyl	73%		34-116%
1718-51-0	Terphenyl-d14	78%		10-127%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW02_123025		
Lab Sample ID:	JE26113-2	**Date Sampled:**	12/30/25
Matrix:	AQ - Ground Water	**Date Received:**	12/30/25
		Percent Solids:	n/a
Project:	252 3rd Street, Brooklyn, NY		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	< 200	200	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Antimony	< 6.0	6.0	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Arsenic	< 3.0	3.0	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Barium	506	200	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Beryllium	< 1.0	1.0	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Cadmium	< 3.0	3.0	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Calcium	191000	5000	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Chromium	< 10	10	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Cobalt	< 50	50	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Copper	< 10	10	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Iron	109	100	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Lead	< 3.0	3.0	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Magnesium	69300	5000	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Manganese	9790	75	ug/l	5	01/02/26	01/05/26	LM	SW846 6010D [3]	SW846 3010A [4]
Mercury	< 0.20	0.20	ug/l	1	12/31/25	01/02/26	MK	SW846 7470A [1]	SW846 7470A [5]
Nickel	17.2	10	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Potassium	< 10000	10000	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Selenium	< 10	10	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Silver	< 10	10	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Sodium	745000	50000	ug/l	5	01/02/26	01/05/26	LM	SW846 6010D [3]	SW846 3010A [4]
Thallium	< 10	10	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Vanadium	< 50	50	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Zinc	< 20	20	ug/l	1	01/02/26	01/05/26	LM	SW846 6010D [3]	SW846 3010A [4]

(1) Instrument QC Batch: MA60039
(2) Instrument QC Batch: MA60051
(3) Instrument QC Batch: MA60060
(4) Prep QC Batch: MP59608
(5) Prep QC Batch: MP59610

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW02_123025		
Lab Sample ID:	JE26113-2	**Date Sampled:**	12/30/25
Matrix:	AQ - Ground Water	**Date Received:**	12/30/25
		Percent Solids:	n/a
Project:	252 3rd Street, Brooklyn, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent	< 0.010	0.010	mg/l	1	12/31/25 09:40	JOO	SW846 7196A
Chromium, Trivalent [a]	< 0.020	0.020	mg/l	1	01/03/26 08:20	LM	SW846 6010/7196A M
Cyanide	0.10	0.010	mg/l	1	01/02/26 19:36	JD	EPA 335.4/LACHAT

(a) Calculated as: (Chromium) - (Chromium, Hexavalent)

RL = Reporting Limit

Report of Analysis

Client Sample ID: MW02_123025
Lab Sample ID: JE26113-2F
Matrix: AQ - Groundwater Filtered
Project: 252 3rd Street, Brooklyn, NY

Date Sampled: 12/30/25
Date Received: 12/30/25
Percent Solids: n/a

Dissolved Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	< 200	200	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Antimony	< 6.0	6.0	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Arsenic	< 3.0	3.0	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Barium	496	200	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Beryllium	< 1.0	1.0	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Cadmium	< 3.0	3.0	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Calcium	190000	5000	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Chromium	< 10	10	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Cobalt	< 50	50	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Copper	< 10	10	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Iron	< 100	100	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Lead	< 3.0	3.0	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Magnesium	70200	5000	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Manganese	9610	75	ug/l	5	01/02/26	01/05/26	LM	SW846 6010D [3]	SW846 3010A [4]
Mercury	< 0.20	0.20	ug/l	1	01/02/26	01/02/26	MK	SW846 7470A [1]	SW846 7470A [5]
Nickel	16.5	10	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Potassium	< 10000	10000	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Selenium	< 10	10	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Silver	< 10	10	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Sodium	744000	50000	ug/l	5	01/02/26	01/05/26	LM	SW846 6010D [3]	SW846 3010A [4]
Thallium	< 10	10	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Vanadium	< 50	50	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Zinc	< 20	20	ug/l	1	01/02/26	01/05/26	LM	SW846 6010D [3]	SW846 3010A [4]

(1) Instrument QC Batch: MA60048
(2) Instrument QC Batch: MA60051
(3) Instrument QC Batch: MA60060
(4) Prep QC Batch: MP59608
(5) Prep QC Batch: MP59628

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW03_123025		
Lab Sample ID:	JE26113-3	**Date Sampled:**	12/30/25
Matrix:	AQ - Ground Water	**Date Received:**	12/30/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	252 3rd Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	1V120697.D	4	01/06/26 13:38	ED	n/a	n/a	V1V4557
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	40	12	ug/l	
71-43-2	Benzene	2.2	2.0	1.7	ug/l	
74-97-5	Bromochloromethane	ND	4.0	1.9	ug/l	
75-27-4	Bromodichloromethane	ND	3.9	1.8	ug/l	
75-25-2	Bromoform [b]	ND	4.0	2.5	ug/l	
74-83-9	Bromomethane	ND	8.0	6.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	40	11	ug/l	
75-15-0	Carbon disulfide	ND	8.0	7.2	ug/l	
56-23-5	Carbon tetrachloride	ND	4.0	2.2	ug/l	
108-90-7	Chlorobenzene	ND	4.0	2.2	ug/l	
75-00-3	Chloroethane	ND	4.0	2.9	ug/l	
67-66-3	Chloroform	2.9	4.0	2.0	ug/l	J
74-87-3	Chloromethane	ND	4.0	3.0	ug/l	
110-82-7	Cyclohexane	ND	20	3.1	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	8.0	2.1	ug/l	
124-48-1	Dibromochloromethane	ND	3.1	2.2	ug/l	
106-93-4	1,2-Dibromoethane	ND	4.0	1.9	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	4.0	2.1	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	4.0	2.2	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	4.0	2.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	8.0	2.2	ug/l	
75-34-3	1,1-Dichloroethane	ND	4.0	2.3	ug/l	
107-06-2	1,2-Dichloroethane	ND	4.0	2.4	ug/l	
75-35-4	1,1-Dichloroethene	ND	4.0	2.4	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	4.0	2.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	4.0	2.1	ug/l	
78-87-5	1,2-Dichloropropane	ND	3.7	2.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	4.0	1.9	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	1.7	ug/l	
100-41-4	Ethylbenzene	5.3	4.0	2.4	ug/l	
76-13-1	Freon 113	ND	20	2.3	ug/l	
591-78-6	2-Hexanone	ND	20	19	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW03_123025		
Lab Sample ID:	JE26113-3	**Date Sampled:**	12/30/25
Matrix:	AQ - Ground Water	**Date Received:**	12/30/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	252 3rd Street, Brooklyn, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	4.0	2.6	ug/l	
79-20-9	Methyl Acetate	ND	20	3.2	ug/l	
108-87-2	Methylcyclohexane	ND	20	2.4	ug/l	
1634-04-4	Methyl Tert Butyl Ether	2.2	4.0	2.0	ug/l	J
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	20	19	ug/l	
75-09-2	Methylene chloride	ND	8.0	4.0	ug/l	
100-42-5	Styrene	ND	4.0	1.9	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	4.0	2.6	ug/l	
127-18-4	Tetrachloroethene	ND	4.0	2.2	ug/l	
108-88-3	Toluene	ND	4.0	2.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	4.0	2.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	4.0	2.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	4.0	2.1	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	4.0	2.1	ug/l	
79-01-6	Trichloroethene	ND	4.0	2.1	ug/l	
75-69-4	Trichlorofluoromethane	ND	8.0	1.6	ug/l	
75-01-4	Vinyl chloride	ND	4.0	2.1	ug/l	
	m,p-Xylene	ND	4.0	3.1	ug/l	
95-47-6	o-Xylene	ND	4.0	2.4	ug/l	
1330-20-7	Xylene (total)	ND	4.0	2.4	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		80-120%
17060-07-0	1,2-Dichloroethane-D4	119%		80-120%
2037-26-5	Toluene-D8	97%		80-120%
460-00-4	4-Bromofluorobenzene	109%		82-114%

(a) Dilution required due to high concentration of non-target compound.
(b) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW03_123025		
Lab Sample ID:	JE26113-3	**Date Sampled:**	12/30/25
Matrix:	AQ - Ground Water	**Date Received:**	12/30/25
Method:	SW846 8270E SW846 3510C	**Percent Solids:**	n/a
Project:	252 3rd Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4P699888.D	1	01/02/26 11:26	RS	12/31/25 10:00	OP70176	E4P3952
Run #2	CR15823.D	20	01/05/26 16:20	AO	12/31/25 10:00	OP70176	ECR745

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2	1000 ml	1.0 ml

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.0	0.82	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	0.89	ug/l	
120-83-2	2,4-Dichlorophenol	ND	2.0	1.3	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	2.4	ug/l	
51-28-5	2,4-Dinitrophenol [a]	ND	5.0	1.6	ug/l	
534-52-1	4,6-Dinitro-o-cresol [a]	ND	5.0	1.3	ug/l	
95-48-7	2-Methylphenol	ND	2.0	0.89	ug/l	
	3&4-Methylphenol	ND	2.0	0.88	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	0.96	ug/l	
100-02-7	4-Nitrophenol	ND	10	1.2	ug/l	
87-86-5	Pentachlorophenol	ND	4.0	1.4	ug/l	
108-95-2	Phenol	ND	2.0	0.39	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	1.5	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	1.3	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	2.0	0.92	ug/l	
83-32-9	Acenaphthene	215 [b]	20	3.8	ug/l	
208-96-8	Acenaphthylene	0.55	1.0	0.14	ug/l	J
98-86-2	Acetophenone	ND	2.0	0.21	ug/l	
120-12-7	Anthracene	6.1	1.0	0.21	ug/l	
1912-24-9	Atrazine [a]	ND	2.0	0.45	ug/l	
100-52-7	Benzaldehyde	ND	5.0	0.29	ug/l	
56-55-3	Benzo(a)anthracene	0.45	1.0	0.20	ug/l	J
50-32-8	Benzo(a)pyrene	ND	1.0	0.21	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.0	0.21	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	0.34	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.0	0.21	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.40	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.0	0.46	ug/l	
92-52-4	1,1'-Biphenyl	0.34	1.0	0.21	ug/l	J
91-58-7	2-Chloronaphthalene	ND	2.0	0.24	ug/l	
106-47-8	4-Chloroaniline	ND	5.0	0.34	ug/l	
86-74-8	Carbazole	ND	1.0	0.23	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW03_123025
Lab Sample ID: JE26113-3
Matrix: AQ - Ground Water
Method: SW846 8270E SW846 3510C
Project: 252 3rd Street, Brooklyn, NY

Date Sampled: 12/30/25
Date Received: 12/30/25
Percent Solids: n/a

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam [a]	ND	2.0	0.65	ug/l	
218-01-9	Chrysene	0.29	1.0	0.18	ug/l	J
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	0.28	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.0	0.25	ug/l	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	2.0	0.40	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.37	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	1.0	0.55	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	1.0	0.48	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	2.0	0.51	ug/l	
123-91-1	1,4-Dioxane	ND	1.0	0.66	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.33	ug/l	
132-64-9	Dibenzofuran	ND	5.0	0.22	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.0	0.50	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.0	0.23	ug/l	
84-66-2	Diethyl phthalate	ND	2.0	0.26	ug/l	
131-11-3	Dimethyl phthalate	ND	2.0	0.22	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.0	1.7	ug/l	
206-44-0	Fluoranthene	6.6	1.0	0.17	ug/l	
86-73-7	Fluorene	64.3	1.0	0.17	ug/l	
118-74-1	Hexachlorobenzene	ND	1.0	0.33	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	0.49	ug/l	
77-47-4	Hexachlorocyclopentadiene [a]	ND	10	2.8	ug/l	
67-72-1	Hexachloroethane	ND	1.0	0.39	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.0	0.33	ug/l	
78-59-1	Isophorone	ND	2.0	0.28	ug/l	
91-57-6	2-Methylnaphthalene	73.6	1.0	0.21	ug/l	
88-74-4	2-Nitroaniline	ND	5.0	0.28	ug/l	
99-09-2	3-Nitroaniline	ND	5.0	0.39	ug/l	
100-01-6	4-Nitroaniline	ND	5.0	0.44	ug/l	
91-20-3	Naphthalene	1100 [b]	20	4.6	ug/l	
98-95-3	Nitrobenzene	ND	1.0	0.64	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	1.0	0.48	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	0.22	ug/l	
85-01-8	Phenanthrene	48.0	1.0	0.18	ug/l	
129-00-0	Pyrene	8.8	1.0	0.22	ug/l	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	2.0	0.37	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	38%	37%	10-71%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW03_123025		
Lab Sample ID:	JE26113-3	**Date Sampled:**	12/30/25
Matrix:	AQ - Ground Water	**Date Received:**	12/30/25
Method:	SW846 8270E SW846 3510C	**Percent Solids:**	n/a
Project:	252 3rd Street, Brooklyn, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	24%	3% [c]	10-58%
118-79-6	2,4,6-Tribromophenol	87%	83%	22-144%
4165-60-0	Nitrobenzene-d5	57%	40%	28-118%
321-60-8	2-Fluorobiphenyl	65%	65%	34-116%
1718-51-0	Terphenyl-d14	78%	90%	10-127%

(a) Associated CCV outside of control limits high, sample was ND.
(b) Result is from Run# 2
(c) Outside control limits due to dilution.

Report of Analysis

Client Sample ID: MW03_123025
Lab Sample ID: JE26113-3
Matrix: AQ - Ground Water
Project: 252 3rd Street, Brooklyn, NY

Date Sampled: 12/30/25
Date Received: 12/30/25
Percent Solids: n/a

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	3050	200	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Antimony	< 6.0	6.0	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Arsenic	10.2	3.0	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Barium	377	200	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Beryllium	< 1.0	1.0	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Cadmium	< 3.0	3.0	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Calcium	239000	25000	ug/l	5	01/02/26	01/05/26	LM	SW846 6010D [3]	SW846 3010A [4]
Chromium	16.4	10	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Cobalt	< 50	50	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Copper	25.8	10	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Iron	8870	100	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Lead	143	15	ug/l	5	01/02/26	01/05/26	LM	SW846 6010D [3]	SW846 3010A [4]
Magnesium	48800	5000	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Manganese	2300	15	ug/l	1	01/02/26	01/05/26	LM	SW846 6010D [3]	SW846 3010A [4]
Mercury	0.25	0.20	ug/l	1	12/31/25	01/02/26	MK	SW846 7470A [1]	SW846 7470A [5]
Nickel	28.0	10	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Potassium	22100	10000	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Selenium	< 10	10	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Silver	< 10	10	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Sodium	454000	50000	ug/l	5	01/02/26	01/05/26	LM	SW846 6010D [3]	SW846 3010A [4]
Thallium	< 10	10	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Vanadium	< 50	50	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Zinc	54.9	20	ug/l	1	01/02/26	01/05/26	LM	SW846 6010D [3]	SW846 3010A [4]

(1) Instrument QC Batch: MA60039
(2) Instrument QC Batch: MA60051
(3) Instrument QC Batch: MA60060
(4) Prep QC Batch: MP59608
(5) Prep QC Batch: MP59610

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW03_123025		
Lab Sample ID:	JE26113-3	**Date Sampled:**	12/30/25
Matrix:	AQ - Ground Water	**Date Received:**	12/30/25
		Percent Solids:	n/a
Project:	252 3rd Street, Brooklyn, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent	< 0.010	0.010	mg/l	1	12/31/25 09:40	JOO	SW846 7196A
Chromium, Trivalent [a]	< 0.020	0.020	mg/l	1	01/03/26 08:25	LM	SW846 6010/7196A M
Cyanide	0.13	0.010	mg/l	1	01/02/26 19:37	JD	EPA 335.4/LACHAT

(a) Calculated as: (Chromium) - (Chromium, Hexavalent)

RL = Reporting Limit

Report of Analysis

Client Sample ID: MW03_123025
Lab Sample ID: JE26113-3F
Matrix: AQ - Groundwater Filtered
Project: 252 3rd Street, Brooklyn, NY

Date Sampled: 12/30/25
Date Received: 12/30/25
Percent Solids: n/a

Dissolved Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	< 200	200	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Antimony	< 6.0	6.0	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Arsenic	5.6	3.0	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Barium	290	200	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Beryllium	< 1.0	1.0	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Cadmium	< 3.0	3.0	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Calcium	214000	25000	ug/l	5	01/02/26	01/05/26	LM	SW846 6010D [3]	SW846 3010A [4]
Chromium	< 10	10	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Cobalt	< 50	50	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Copper	< 10	10	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Iron	1770	100	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Lead	< 15	15	ug/l	5	01/02/26	01/05/26	LM	SW846 6010D [3]	SW846 3010A [4]
Magnesium	46800	5000	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Manganese	2070	15	ug/l	1	01/02/26	01/05/26	LM	SW846 6010D [3]	SW846 3010A [4]
Mercury	< 0.20	0.20	ug/l	1	01/02/26	01/02/26	MK	SW846 7470A [1]	SW846 7470A [5]
Nickel	17.0	10	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Potassium	20300	10000	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Selenium	< 10	10	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Silver	< 10	10	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Sodium	437000	50000	ug/l	5	01/02/26	01/05/26	LM	SW846 6010D [3]	SW846 3010A [4]
Thallium	< 10	10	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Vanadium	< 50	50	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Zinc	< 20	20	ug/l	1	01/02/26	01/05/26	LM	SW846 6010D [3]	SW846 3010A [4]

(1) Instrument QC Batch: MA60048
(2) Instrument QC Batch: MA60051
(3) Instrument QC Batch: MA60060
(4) Prep QC Batch: MP59608
(5) Prep QC Batch: MP59628

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW07_123025		
Lab Sample ID:	JE26113-4	**Date Sampled:**	12/30/25
Matrix:	AQ - Ground Water	**Date Received:**	12/30/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	252 3rd Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1V120692.D	1	01/06/26 11:31	ED	n/a	n/a	V1V4557
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.1	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	0.98	0.45	ug/l	
75-25-2	Bromoform [a]	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.7	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.8	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.78	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	0.78	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	0.92	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
76-13-1	Freon 113	ND	5.0	0.58	ug/l	
591-78-6	2-Hexanone	ND	5.0	4.8	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW07_123025		
Lab Sample ID:	JE26113-4	**Date Sampled:**	12/30/25
Matrix:	AQ - Ground Water	**Date Received:**	12/30/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	252 3rd Street, Brooklyn, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.80	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.60	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.59	1.0	0.51	ug/l	J
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	4.9	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.56	ug/l	
108-88-3	Toluene	ND	1.0	0.49	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.52	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%		80-120%
17060-07-0	1,2-Dichloroethane-D4	118%		80-120%
2037-26-5	Toluene-D8	98%		80-120%
460-00-4	4-Bromofluorobenzene	105%		82-114%

(a) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW07_123025		
Lab Sample ID:	JE26113-4	**Date Sampled:**	12/30/25
Matrix:	AQ - Ground Water	**Date Received:**	12/30/25
Method:	SW846 8270E SW846 3510C	**Percent Solids:**	n/a
Project:	252 3rd Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4P699889.D	1	01/02/26 11:50	RS	12/31/25 10:00	OP70176	E4P3952
Run #2	CR15824.D	5	01/05/26 16:40	AO	12/31/25 10:00	OP70176	ECR745

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2	1000 ml	1.0 ml

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.0	0.82	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	0.89	ug/l	
120-83-2	2,4-Dichlorophenol	ND	2.0	1.3	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	2.4	ug/l	
51-28-5	2,4-Dinitrophenol [a]	ND	5.0	1.6	ug/l	
534-52-1	4,6-Dinitro-o-cresol [a]	ND	5.0	1.3	ug/l	
95-48-7	2-Methylphenol	ND	2.0	0.89	ug/l	
	3&4-Methylphenol	ND	2.0	0.88	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	0.96	ug/l	
100-02-7	4-Nitrophenol	ND	10	1.2	ug/l	
87-86-5	Pentachlorophenol	ND	4.0	1.4	ug/l	
108-95-2	Phenol	ND	2.0	0.39	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	1.5	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	1.3	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	2.0	0.92	ug/l	
83-32-9	Acenaphthene	117 [b]	5.0	0.96	ug/l	
208-96-8	Acenaphthylene	30.1	1.0	0.14	ug/l	
98-86-2	Acetophenone	0.31	2.0	0.21	ug/l	J
120-12-7	Anthracene	0.82	1.0	0.21	ug/l	J
1912-24-9	Atrazine [a]	ND	2.0	0.45	ug/l	
100-52-7	Benzaldehyde	ND	5.0	0.29	ug/l	
56-55-3	Benzo(a)anthracene	2.5	1.0	0.20	ug/l	
50-32-8	Benzo(a)pyrene	4.8	1.0	0.21	ug/l	
205-99-2	Benzo(b)fluoranthene	4.3	1.0	0.21	ug/l	
191-24-2	Benzo(g,h,i)perylene	4.2	1.0	0.34	ug/l	
207-08-9	Benzo(k)fluoranthene	4.6	1.0	0.21	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.40	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.0	0.46	ug/l	
92-52-4	1,1'-Biphenyl	0.54	1.0	0.21	ug/l	J
91-58-7	2-Chloronaphthalene	ND	2.0	0.24	ug/l	
106-47-8	4-Chloroaniline	ND	5.0	0.34	ug/l	
86-74-8	Carbazole	ND	1.0	0.23	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW07_123025
Lab Sample ID: JE26113-4
Matrix: AQ - Ground Water
Method: SW846 8270E SW846 3510C
Project: 252 3rd Street, Brooklyn, NY

Date Sampled: 12/30/25
Date Received: 12/30/25
Percent Solids: n/a

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam [a]	ND	2.0	0.65	ug/l	
218-01-9	Chrysene	2.1	1.0	0.18	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	0.28	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.0	0.25	ug/l	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	2.0	0.40	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.37	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	1.0	0.55	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	1.0	0.48	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	2.0	0.51	ug/l	
123-91-1	1,4-Dioxane	ND	1.0	0.66	ug/l	
53-70-3	Dibenzo(a,h)anthracene	0.35	1.0	0.33	ug/l	J
132-64-9	Dibenzofuran	0.39	5.0	0.22	ug/l	J
84-74-2	Di-n-butyl phthalate	ND	2.0	0.50	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.0	0.23	ug/l	
84-66-2	Diethyl phthalate	ND	2.0	0.26	ug/l	
131-11-3	Dimethyl phthalate	ND	2.0	0.22	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.0	1.7	ug/l	
206-44-0	Fluoranthene	10.6	1.0	0.17	ug/l	
86-73-7	Fluorene	0.70	1.0	0.17	ug/l	J
118-74-1	Hexachlorobenzene	ND	1.0	0.33	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	0.49	ug/l	
77-47-4	Hexachlorocyclopentadiene [a]	ND	10	2.8	ug/l	
67-72-1	Hexachloroethane	ND	1.0	0.39	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	2.1	1.0	0.33	ug/l	
78-59-1	Isophorone	ND	2.0	0.28	ug/l	
91-57-6	2-Methylnaphthalene	0.24	1.0	0.21	ug/l	J
88-74-4	2-Nitroaniline	ND	5.0	0.28	ug/l	
99-09-2	3-Nitroaniline	ND	5.0	0.39	ug/l	
100-01-6	4-Nitroaniline	ND	5.0	0.44	ug/l	
91-20-3	Naphthalene	3.1	1.0	0.23	ug/l	
98-95-3	Nitrobenzene	ND	1.0	0.64	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	1.0	0.48	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	0.22	ug/l	
85-01-8	Phenanthrene	1.1	1.0	0.18	ug/l	
129-00-0	Pyrene	15.8	1.0	0.22	ug/l	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	2.0	0.37	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	37%	35%	10-71%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW07_123025		
Lab Sample ID:	JE26113-4	**Date Sampled:**	12/30/25
Matrix:	AQ - Ground Water	**Date Received:**	12/30/25
Method:	SW846 8270E SW846 3510C	**Percent Solids:**	n/a
Project:	252 3rd Street, Brooklyn, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	23%	12%	10-58%
118-79-6	2,4,6-Tribromophenol	71%	62%	22-144%
4165-60-0	Nitrobenzene-d5	56%	48%	28-118%
321-60-8	2-Fluorobiphenyl	64%	59%	34-116%
1718-51-0	Terphenyl-d14	65%	66%	10-127%

(a) Associated CCV outside of control limits high, sample was ND.
(b) Result is from Run# 2

Report of Analysis

Client Sample ID:	MW07_123025		
Lab Sample ID:	JE26113-4	**Date Sampled:**	12/30/25
Matrix:	AQ - Ground Water	**Date Received:**	12/30/25
		Percent Solids:	n/a
Project:	252 3rd Street, Brooklyn, NY		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	9510	200	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Antimony	< 6.0	6.0	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Arsenic	9.7	3.0	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Barium	< 200	200	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Beryllium	4.1	1.0	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Cadmium	4.1	3.0	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Calcium	229000	10000	ug/l	2	01/02/26	01/05/26	LM	SW846 6010D [3]	SW846 3010A [4]
Chromium	22.0	10	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Cobalt	< 50	50	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Copper	50.5	10	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Iron	20700	100	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Lead [a]	131	6.0	ug/l	2	01/02/26	01/05/26	LM	SW846 6010D [3]	SW846 3010A [4]
Magnesium	22500	5000	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Manganese	943	15	ug/l	1	01/02/26	01/05/26	LM	SW846 6010D [3]	SW846 3010A [4]
Mercury	< 0.20	0.20	ug/l	1	12/31/25	01/02/26	MK	SW846 7470A [1]	SW846 7470A [5]
Nickel	91.2	10	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Potassium	17300	10000	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Selenium	< 10	10	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Silver	< 10	10	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Sodium	116000	10000	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Thallium	< 10	10	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Vanadium	< 50	50	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Zinc	302	20	ug/l	1	01/02/26	01/05/26	LM	SW846 6010D [3]	SW846 3010A [4]

(1) Instrument QC Batch: MA60039
(2) Instrument QC Batch: MA60051
(3) Instrument QC Batch: MA60060
(4) Prep QC Batch: MP59608
(5) Prep QC Batch: MP59610

(a) Elevated detection limit due to dilution required for high interfering element.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW07_123025		
Lab Sample ID:	JE26113-4	**Date Sampled:**	12/30/25
Matrix:	AQ - Ground Water	**Date Received:**	12/30/25
		Percent Solids:	n/a
Project:	252 3rd Street, Brooklyn, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent	< 0.010	0.010	mg/l	1	12/31/25 09:40	JOO	SW846 7196A
Chromium, Trivalent [a]	0.022	0.020	mg/l	1	01/03/26 08:30	LM	SW846 6010/7196A M
Cyanide	0.073	0.010	mg/l	1	01/02/26 19:38	JD	EPA 335.4/LACHAT

(a) Calculated as: (Chromium) - (Chromium, Hexavalent)

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW07_123025		
Lab Sample ID:	JE26113-4F	**Date Sampled:**	12/30/25
Matrix:	AQ - Groundwater Filtered	**Date Received:**	12/30/25
		Percent Solids:	n/a
Project:	252 3rd Street, Brooklyn, NY		

Dissolved Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	< 200	200	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Antimony	< 6.0	6.0	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Arsenic	< 3.0	3.0	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Barium	< 200	200	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Beryllium	< 1.0	1.0	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Cadmium	< 3.0	3.0	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Calcium	238000	10000	ug/l	2	01/02/26	01/05/26	LM	SW846 6010D [3]	SW846 3010A [4]
Chromium	< 10	10	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Cobalt	< 50	50	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Copper	< 10	10	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Iron	155	100	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Lead [a]	< 6.0	6.0	ug/l	2	01/02/26	01/05/26	LM	SW846 6010D [3]	SW846 3010A [4]
Magnesium	21500	5000	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Manganese	819	15	ug/l	1	01/02/26	01/05/26	LM	SW846 6010D [3]	SW846 3010A [4]
Mercury	< 0.20	0.20	ug/l	1	01/02/26	01/02/26	MK	SW846 7470A [1]	SW846 7470A [5]
Nickel	< 10	10	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Potassium	17200	10000	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Selenium	< 10	10	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Silver	< 10	10	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Sodium	127000	10000	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Thallium	< 10	10	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Vanadium	< 50	50	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Zinc	< 20	20	ug/l	1	01/02/26	01/05/26	LM	SW846 6010D [3]	SW846 3010A [4]

(1) Instrument QC Batch: MA60048
(2) Instrument QC Batch: MA60051
(3) Instrument QC Batch: MA60060
(4) Prep QC Batch: MP59608
(5) Prep QC Batch: MP59628

(a) Elevated detection limit due to dilution required for high interfering element.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	GWFB01_123025		
Lab Sample ID:	JE26113-5	**Date Sampled:**	12/30/25
Matrix:	AQ - Field Blank Water	**Date Received:**	12/30/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	252 3rd Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4D148214.D	1	01/05/26 17:40	BK	n/a	n/a	V4D6477
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.1	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	0.98	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane [a]	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.7	ug/l	
75-15-0	Carbon disulfide [b]	ND	2.0	1.8	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.78	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	0.78	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	0.92	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
76-13-1	Freon 113	ND	5.0	0.58	ug/l	
591-78-6	2-Hexanone	ND	5.0	4.8	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	GWFB01_123025		
Lab Sample ID:	JE26113-5	**Date Sampled:**	12/30/25
Matrix:	AQ - Field Blank Water	**Date Received:**	12/30/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	252 3rd Street, Brooklyn, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.80	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.60	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	4.9	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.56	ug/l	
108-88-3	Toluene	ND	1.0	0.49	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.52	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		80-120%
17060-07-0	1,2-Dichloroethane-D4	95%		80-120%
2037-26-5	Toluene-D8	97%		80-120%
460-00-4	4-Bromofluorobenzene	99%		82-114%

(a) Associated CCV outside of control limits high, sample was ND.
(b) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	GWFB01_123025		
Lab Sample ID:	JE26113-5	**Date Sampled:**	12/30/25
Matrix:	AQ - Field Blank Water	**Date Received:**	12/30/25
Method:	SW846 8270E SW846 3510C	**Percent Solids:**	n/a
Project:	252 3rd Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4P699883.D	1	01/02/26 09:30	RS	12/31/25 10:00	OP70176	E4P3952
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.0	0.82	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	0.89	ug/l	
120-83-2	2,4-Dichlorophenol	ND	2.0	1.3	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	2.4	ug/l	
51-28-5	2,4-Dinitrophenol [a]	ND	5.0	1.6	ug/l	
534-52-1	4,6-Dinitro-o-cresol [a]	ND	5.0	1.3	ug/l	
95-48-7	2-Methylphenol	ND	2.0	0.89	ug/l	
	3&4-Methylphenol	ND	2.0	0.88	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	0.96	ug/l	
100-02-7	4-Nitrophenol	ND	10	1.2	ug/l	
87-86-5	Pentachlorophenol	ND	4.0	1.4	ug/l	
108-95-2	Phenol	ND	2.0	0.39	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	1.5	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	1.3	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	2.0	0.92	ug/l	
83-32-9	Acenaphthene	ND	1.0	0.19	ug/l	
208-96-8	Acenaphthylene	ND	1.0	0.14	ug/l	
98-86-2	Acetophenone	ND	2.0	0.21	ug/l	
120-12-7	Anthracene	ND	1.0	0.21	ug/l	
1912-24-9	Atrazine [a]	ND	2.0	0.45	ug/l	
100-52-7	Benzaldehyde	ND	5.0	0.29	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.0	0.20	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.0	0.21	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.0	0.21	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	0.34	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.0	0.21	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.40	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.0	0.46	ug/l	
92-52-4	1,1'-Biphenyl	ND	1.0	0.21	ug/l	
91-58-7	2-Chloronaphthalene	ND	2.0	0.24	ug/l	
106-47-8	4-Chloroaniline	ND	5.0	0.34	ug/l	
86-74-8	Carbazole	ND	1.0	0.23	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	GWFB01_123025		
Lab Sample ID:	JE26113-5	**Date Sampled:**	12/30/25
Matrix:	AQ - Field Blank Water	**Date Received:**	12/30/25
Method:	SW846 8270E SW846 3510C	**Percent Solids:**	n/a
Project:	252 3rd Street, Brooklyn, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam [a]	ND	2.0	0.65	ug/l	
218-01-9	Chrysene	ND	1.0	0.18	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	0.28	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.0	0.25	ug/l	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	2.0	0.40	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.37	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	1.0	0.55	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	1.0	0.48	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	2.0	0.51	ug/l	
123-91-1	1,4-Dioxane	ND	1.0	0.66	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.33	ug/l	
132-64-9	Dibenzofuran	ND	5.0	0.22	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.0	0.50	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.0	0.23	ug/l	
84-66-2	Diethyl phthalate	ND	2.0	0.26	ug/l	
131-11-3	Dimethyl phthalate	ND	2.0	0.22	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.0	1.7	ug/l	
206-44-0	Fluoranthene	ND	1.0	0.17	ug/l	
86-73-7	Fluorene	ND	1.0	0.17	ug/l	
118-74-1	Hexachlorobenzene	ND	1.0	0.33	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	0.49	ug/l	
77-47-4	Hexachlorocyclopentadiene [a]	ND	10	2.8	ug/l	
67-72-1	Hexachloroethane	ND	1.0	0.39	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.0	0.33	ug/l	
78-59-1	Isophorone	ND	2.0	0.28	ug/l	
91-57-6	2-Methylnaphthalene	ND	1.0	0.21	ug/l	
88-74-4	2-Nitroaniline	ND	5.0	0.28	ug/l	
99-09-2	3-Nitroaniline	ND	5.0	0.39	ug/l	
100-01-6	4-Nitroaniline	ND	5.0	0.44	ug/l	
91-20-3	Naphthalene	ND	1.0	0.23	ug/l	
98-95-3	Nitrobenzene	ND	1.0	0.64	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	1.0	0.48	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	0.22	ug/l	
85-01-8	Phenanthrene	ND	1.0	0.18	ug/l	
129-00-0	Pyrene	ND	1.0	0.22	ug/l	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	2.0	0.37	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	36%		10-71%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	GWFB01_123025		
Lab Sample ID:	JE26113-5	**Date Sampled:**	12/30/25
Matrix:	AQ - Field Blank Water	**Date Received:**	12/30/25
Method:	SW846 8270E SW846 3510C	**Percent Solids:**	n/a
Project:	252 3rd Street, Brooklyn, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	22%		10-58%
118-79-6	2,4,6-Tribromophenol	66%		22-144%
4165-60-0	Nitrobenzene-d5	53%		28-118%
321-60-8	2-Fluorobiphenyl	58%		34-116%
1718-51-0	Terphenyl-d14	70%		10-127%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	GWFB01_123025		
Lab Sample ID:	JE26113-5	**Date Sampled:**	12/30/25
Matrix:	AQ - Field Blank Water	**Date Received:**	12/30/25
		Percent Solids:	n/a
Project:	252 3rd Street, Brooklyn, NY		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	< 200	200	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Antimony	< 6.0	6.0	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Arsenic	< 3.0	3.0	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Barium	< 200	200	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Beryllium	< 1.0	1.0	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Cadmium	< 3.0	3.0	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Calcium	< 5000	5000	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Chromium	< 10	10	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Cobalt	< 50	50	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Copper	< 10	10	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Iron	< 100	100	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Lead	< 3.0	3.0	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Magnesium	< 5000	5000	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Manganese	< 15	15	ug/l	1	01/02/26	01/05/26	LM	SW846 6010D [3]	SW846 3010A [4]
Mercury	< 0.20	0.20	ug/l	1	01/02/26	01/02/26	MK	SW846 7470A [1]	SW846 7470A [5]
Nickel	< 10	10	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Potassium	< 10000	10000	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Selenium	< 10	10	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Silver	< 10	10	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Sodium	< 10000	10000	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Thallium	< 10	10	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Vanadium	< 50	50	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Zinc	< 20	20	ug/l	1	01/02/26	01/05/26	LM	SW846 6010D [3]	SW846 3010A [4]

(1) Instrument QC Batch: MA60048
(2) Instrument QC Batch: MA60051
(3) Instrument QC Batch: MA60060
(4) Prep QC Batch: MP59608
(5) Prep QC Batch: MP59628

RL = Reporting Limit

Report of Analysis

Client Sample ID:	GWFB01_123025		
Lab Sample ID:	JE26113-5	**Date Sampled:**	12/30/25
Matrix:	AQ - Field Blank Water	**Date Received:**	12/30/25
		Percent Solids:	n/a
Project:	252 3rd Street, Brooklyn, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent	< 0.010	0.010	mg/l	1	12/31/25 09:40	JOO	SW846 7196A
Chromium, Trivalent [a]	< 0.020	0.020	mg/l	1	01/03/26 08:35	LM	SW846 6010/7196A M
Cyanide	< 0.010	0.010	mg/l	1	01/02/26 19:39	JD	EPA 335.4/LACHAT

(a) Calculated as: (Chromium) - (Chromium, Hexavalent)

RL = Reporting Limit

Report of Analysis

Client Sample ID:	GWTB01_123025		
Lab Sample ID:	JE26113-6	**Date Sampled:**	12/30/25
Matrix:	AQ - Trip Blank Water	**Date Received:**	12/30/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	252 3rd Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4D148215.D	1	01/05/26 18:08	BK	n/a	n/a	V4D6477
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.1	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	0.98	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane [a]	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.7	ug/l	
75-15-0	Carbon disulfide [b]	ND	2.0	1.8	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.78	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	0.78	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	0.92	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
76-13-1	Freon 113	ND	5.0	0.58	ug/l	
591-78-6	2-Hexanone	ND	5.0	4.8	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	GWTB01_123025		
Lab Sample ID:	JE26113-6	**Date Sampled:**	12/30/25
Matrix:	AQ - Trip Blank Water	**Date Received:**	12/30/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	252 3rd Street, Brooklyn, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.80	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.60	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	4.9	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.56	ug/l	
108-88-3	Toluene	ND	1.0	0.49	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.52	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		80-120%
17060-07-0	1,2-Dichloroethane-D4	94%		80-120%
2037-26-5	Toluene-D8	97%		80-120%
460-00-4	4-Bromofluorobenzene	99%		82-114%

(a) Associated CCV outside of control limits high, sample was ND.
(b) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SODRUM01_123025		
Lab Sample ID:	JE26113-7	**Date Sampled:**	12/30/25
Matrix:	SO - Soil	**Date Received:**	12/30/25
Method:	SW846 8082A SW846 3570	**Percent Solids:**	86.2
Project:	252 3rd Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	RL33945.D	1	01/02/26 15:59	MLC	12/31/25 12:00	OP70185	GRL867
Run #2							

	Initial Weight	Final Volume
Run #1	5.1 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	23	9.7	ug/kg	
11104-28-2	Aroclor 1221	ND	23	7.6	ug/kg	
11141-16-5	Aroclor 1232	ND	23	19	ug/kg	
53469-21-9	Aroclor 1242	ND	23	14	ug/kg	
12672-29-6	Aroclor 1248	ND	23	4.9	ug/kg	
11097-69-1	Aroclor 1254 [a]	172	23	2.5	ug/kg	
11096-82-5	Aroclor 1260	ND	23	7.8	ug/kg	
11100-14-4	Aroclor 1268	ND	23	2.3	ug/kg	
37324-23-5	Aroclor 1262	ND	23	1.9	ug/kg	
1336-36-3	Total PCBs	172	23	1.9	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	76%		35-154%
877-09-8	Tetrachloro-m-xylene	69%		35-154%
2051-24-3	Decachlorobiphenyl	48%		24-176%
2051-24-3	Decachlorobiphenyl	63%		24-176%

(a) Reported from the 1st signal. The %D of the CCV on the 2nd signal exceeds the method criteria of 20%, so it being used for confirmation only.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SODRUM01_123025		
Lab Sample ID:	JE26113-7	**Date Sampled:**	12/30/25
Matrix:	SO - Soil	**Date Received:**	12/30/25
		Percent Solids:	86.2
Project:	252 3rd Street, Brooklyn, NY		

Metals Analysis, TCLP Leachate SW846 1311

Analyte	Result	HW#	MCL	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	< 0.10	D004	5.0	0.10	mg/l	1	01/04/26	01/05/26	MM	SW846 6010D [2]	SW846 3010A [4]
Barium	0.63	D005	100	0.20	mg/l	1	01/04/26	01/05/26	MM	SW846 6010D [2]	SW846 3010A [4]
Cadmium	0.0064	D006	1.0	0.0040	mg/l	1	01/04/26	01/05/26	MM	SW846 6010D [2]	SW846 3010A [4]
Chromium	< 0.010	D007	5.0	0.010	mg/l	1	01/04/26	01/05/26	MM	SW846 6010D [2]	SW846 3010A [4]
Lead	0.71	D008	5.0	0.10	mg/l	1	01/04/26	01/07/26	LM	SW846 6010D [3]	SW846 3010A [4]
Mercury	< 0.00020	D009	0.20	0.00020	mg/l	1	01/05/26	01/06/26	MK	SW846 7470A [1]	SW846 7470A [5]
Selenium	< 0.10	D010	1.0	0.10	mg/l	1	01/04/26	01/05/26	MM	SW846 6010D [2]	SW846 3010A [4]
Silver	< 0.010	D011	5.0	0.010	mg/l	1	01/04/26	01/07/26	LM	SW846 6010D [3]	SW846 3010A [4]

(1) Instrument QC Batch: MA60056
(2) Instrument QC Batch: MA60059
(3) Instrument QC Batch: MA60065
(4) Prep QC Batch: MP59637
(5) Prep QC Batch: MP59647

RL = Reporting Limit
MCL = Maximum Contamination Level (40 CFR 261 7/1/11)

Report of Analysis

Client Sample ID:	SODRUM01_123025		
Lab Sample ID:	JE26113-7	**Date Sampled:**	12/30/25
Matrix:	SO - Soil	**Date Received:**	12/30/25
		Percent Solids:	86.2
Project:	252 3rd Street, Brooklyn, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Solids, Percent	86.2		%	1	01/02/26 09:50	RB	SM2540 G 18TH ED MOD
Total Organic Halides	28.1	23	mg/kg	1	01/08/26 09:00	JOO	SW846 9023

RL = Reporting Limit

Report of Analysis

Client Sample ID:	GWDRUM01_123025		
Lab Sample ID:	JE26113-8	**Date Sampled:**	12/30/25
Matrix:	AQ - Ground Water	**Date Received:**	12/30/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	252 3rd Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	1V120698.D	2.5	01/06/26 14:03	ED	n/a	n/a	V1V4557
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	33.5	25	7.6	ug/l	
71-43-2	Benzene	ND	1.3	1.1	ug/l	
74-97-5	Bromochloromethane	ND	2.5	1.2	ug/l	
75-27-4	Bromodichloromethane	ND	2.5	1.1	ug/l	
75-25-2	Bromoform [b]	ND	2.5	1.6	ug/l	
74-83-9	Bromomethane	ND	5.0	4.1	ug/l	
78-93-3	2-Butanone (MEK)	ND	25	6.8	ug/l	
75-15-0	Carbon disulfide	32.2	5.0	4.5	ug/l	
56-23-5	Carbon tetrachloride	ND	2.5	1.4	ug/l	
108-90-7	Chlorobenzene	ND	2.5	1.4	ug/l	
75-00-3	Chloroethane	ND	2.5	1.8	ug/l	
67-66-3	Chloroform	1.5	2.5	1.3	ug/l	J
74-87-3	Chloromethane	ND	2.5	1.9	ug/l	
110-82-7	Cyclohexane	ND	13	2.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	2.0	1.4	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.5	1.2	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	2.5	1.3	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	2.5	1.4	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	2.5	1.3	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	2.5	1.4	ug/l	
107-06-2	1,2-Dichloroethane	ND	2.5	1.5	ug/l	
75-35-4	1,1-Dichloroethene	ND	2.5	1.5	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	2.5	1.3	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	1.3	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.3	1.3	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	2.5	1.2	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.3	1.1	ug/l	
100-41-4	Ethylbenzene	1.6	2.5	1.5	ug/l	J
76-13-1	Freon 113	ND	13	1.5	ug/l	
591-78-6	2-Hexanone	ND	13	12	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	GWDRUM01_123025		
Lab Sample ID:	JE26113-8	**Date Sampled:**	12/30/25
Matrix:	AQ - Ground Water	**Date Received:**	12/30/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	252 3rd Street, Brooklyn, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.5	1.6	ug/l	
79-20-9	Methyl Acetate	ND	13	2.0	ug/l	
108-87-2	Methylcyclohexane	ND	13	1.5	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	2.5	1.3	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	13	12	ug/l	
75-09-2	Methylene chloride	ND	5.0	2.5	ug/l	
100-42-5	Styrene	ND	2.5	1.2	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.5	1.6	ug/l	
127-18-4	Tetrachloroethene	ND	2.5	1.4	ug/l	
108-88-3	Toluene	ND	2.5	1.2	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	1.3	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	1.3	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	2.5	1.3	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	2.5	1.3	ug/l	
79-01-6	Trichloroethene	ND	2.5	1.3	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	2.5	1.3	ug/l	
	m,p-Xylene	ND	2.5	2.0	ug/l	
95-47-6	o-Xylene	ND	2.5	1.5	ug/l	
1330-20-7	Xylene (total)	ND	2.5	1.5	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		80-120%
17060-07-0	1,2-Dichloroethane-D4	120%		80-120%
2037-26-5	Toluene-D8	98%		80-120%
460-00-4	4-Bromofluorobenzene	107%		82-114%

(a) Dilution required due to high concentration of non-target compound.
(b) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	GWDRUM01_123025		
Lab Sample ID:	JE26113-8	**Date Sampled:**	12/30/25
Matrix:	AQ - Ground Water	**Date Received:**	12/30/25
Method:	SW846 8082A SW846 3511	**Percent Solids:**	n/a
Project:	252 3rd Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	RL33896.D	1	12/31/25 22:10	AS	12/31/25 11:25	OP70190	GRL866
Run #2							

	Initial Volume	Final Volume
Run #1	54.2 ml	2.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.18	0.051	ug/l	
11104-28-2	Aroclor 1221	ND	0.18	0.096	ug/l	
11141-16-5	Aroclor 1232	ND	0.18	0.071	ug/l	
53469-21-9	Aroclor 1242	ND	0.18	0.040	ug/l	
12672-29-6	Aroclor 1248	ND	0.18	0.036	ug/l	
11097-69-1	Aroclor 1254	ND	0.18	0.068	ug/l	
11096-82-5	Aroclor 1260	ND	0.18	0.11	ug/l	
11100-14-4	Aroclor 1268	ND	0.18	0.063	ug/l	
37324-23-5	Aroclor 1262	ND	0.18	0.040	ug/l	
1336-36-3	Total PCBs	ND	0.18	0.036	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	73%		50-150%
877-09-8	Tetrachloro-m-xylene	54%		50-150%
2051-24-3	Decachlorobiphenyl	175% [a]		50-150%
2051-24-3	Decachlorobiphenyl	6167% [a]		50-150%

(a) Outside of in house control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	GWDRUM01_123025		
Lab Sample ID:	JE26113-8	**Date Sampled:**	12/30/25
Matrix:	AQ - Ground Water	**Date Received:**	12/30/25
		Percent Solids:	n/a
Project:	252 3rd Street, Brooklyn, NY		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	55300	200	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Arsenic	93.4	3.0	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Barium	744	200	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Cadmium	5.5	3.0	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Chromium	215	10	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Cobalt	86.9	50	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Copper	499	10	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Iron	118000	100	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Lead	2230	3.0	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Mercury	13.0	1.2	ug/l	1	12/31/25	01/02/26	MK	SW846 7470A [1]	SW846 7470A [5]
Nickel	282	10	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Selenium	< 10	10	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Silver	< 10	10	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Tin	242	10	ug/l	1	01/02/26	01/03/26	LM	SW846 6010D [2]	SW846 3010A [4]
Zinc	1430	20	ug/l	1	01/02/26	01/05/26	LM	SW846 6010D [3]	SW846 3010A [4]

(1) Instrument QC Batch: MA60039
(2) Instrument QC Batch: MA60051
(3) Instrument QC Batch: MA60060
(4) Prep QC Batch: MP59608
(5) Prep QC Batch: MP59610

RL = Reporting Limit

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Certification Exceptions
- Chain of Custody

Parameter Certification Exceptions

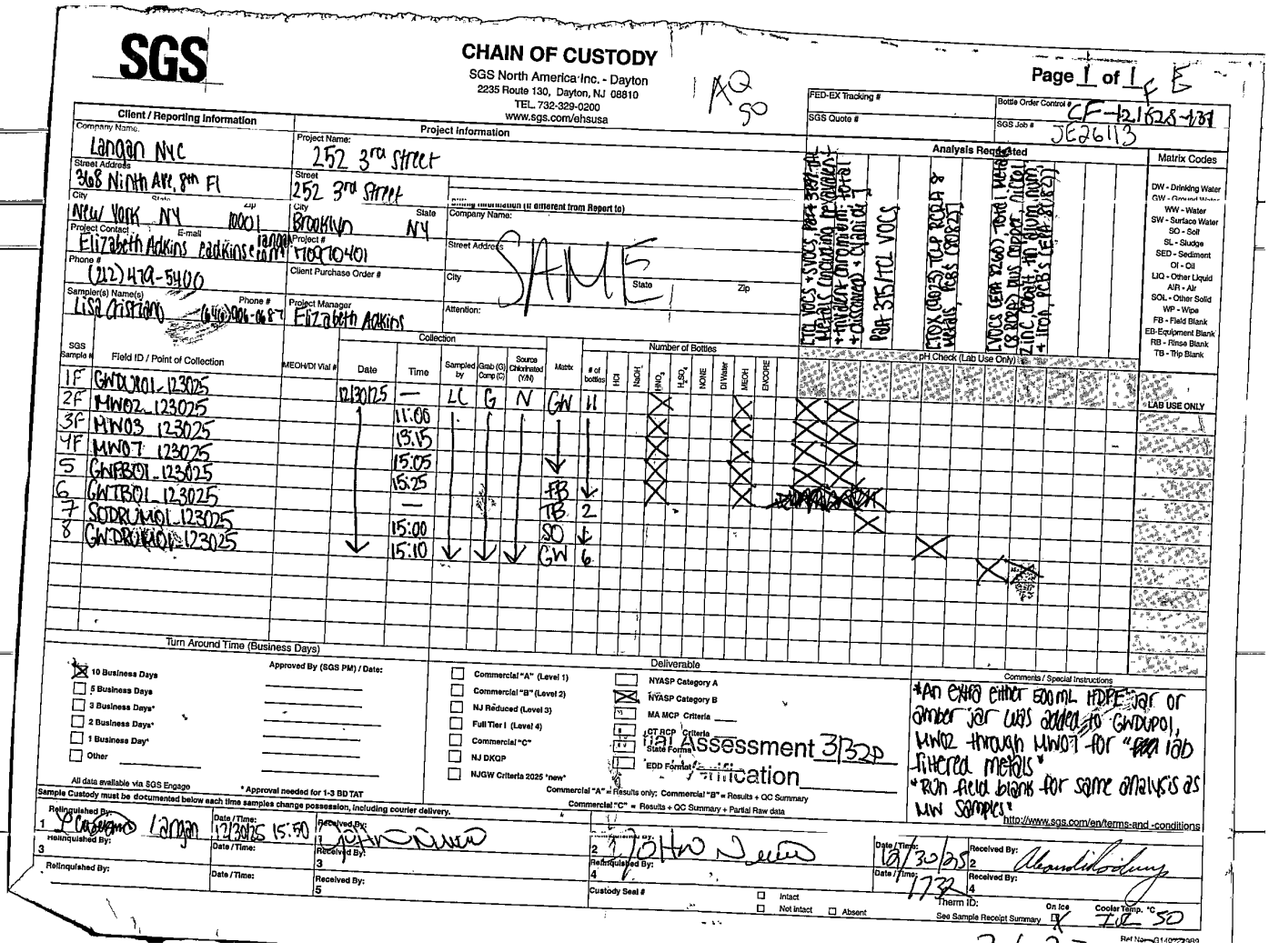
Job Number: JE26113
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

The following parameters included in this report are exceptions to NELAC certification.
The certification status of each is indicated below.

Parameter	CAS#	Method	Mat	Certification Status
Chromium, Trivalent		SW846 6010/7196A M	AQ	SGS is not certified for this parameter.[a]

(a) Lab cert for analyte not supported by NJDEP, OQA. Only methods/analytes required for reporting by the State of NJ can be certified in NJ. Use of this analyte for compliance must be verified through the appropriate regulatory office.

Certification exceptions shown are based on the New Jersey DEP certifications. Applicability in other states may vary. Please contact your laboratory representative if additional information is required for a specific regulatory program.



SGS

CHAIN OF CUSTODY

SGS North America Inc. - Dayton
2235 Route 130, Dayton, NJ 08810
TEL. 732-329-0200
www.sgs.com/ehsusa

Page 1 of 1

Client / Reporting Information
Company Name: Langan NYC
Street Address: 368 Ninth Ave, 8th Fl
City: New York State: NY Zip: 10001
Project Contact: Elizabeth Adkins E-mail: eadkins@langan.com
Phone #: (212) 479-5400
Sampler(s) Name(s): Lisa Cristiano Phone #: 646-864-0687

Project Information
Project Name: 252 3rd Street
Street: 252 3rd Street
City: Brooklyn State: NY
Project #: 170010401
Client Purchase Order #:
Project Manager: Elizabeth Adkins

Billing Information (if different from Report to)
Company Name: SAME
Street Address:
City: State: Zip:
Attention:

FED-EX Tracking #:
SGS Quote #:
Bottle Order Control #: CF-121828-121
SGS Job #: JE26113

Analysis Requested
Matrix Codes: DW - Drinking Water; GW - Groundwater; WW - Water; SW - Surface Water; SO - Soil; SL - Sludge; SED - Sediment; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe; FB - Field Blank; EB-Equipment Blank; RB - Rinse Blank; TB - Trip Blank

SGS Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Grab (G) Comp (C)	Source Chlorinated (Y/N)	Matrix	# of bottles	HCl	NaOH	HNO_3	H_2SO_4	NONE	DI Water	MEOH	EnCore	pH Check (Lab Use Only)	LAB USE ONLY
1F	GWDUP01_123025		12/30/25	11:00	LC	G	N	GW	11			X				X			
2F	MW02_123025			13:15															
3F	MW03_123025			15:05															
4F	MW07_123025			15:25															
5	GWFB01_123025			—				FB	2										
6	GWTB01_123025			—				TB											
7	SODRUM01_123025			15:00				SO	6										
8	GWDRUM01_123025			15:10				GW											

Turn Around Time (Business Days)
- [X] 10 Business Days
- [ ] 5 Business Days
- [ ] 3 Business Days*
- [ ] 2 Business Days*
- [ ] 1 Business Day*
- [ ] Other

Approved By (SGS PM) / Date:

All data available via SGS Engage

* Approval needed for 1-3 BD TAT

Deliverable
- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] NJ Reduced (Level 3)
- [ ] Full Tier I (Level 4)
- [ ] Commercial "C"
- [ ] NJ DKQP
- [ ] NJGW Criteria 2025 *new*
- [ ] NYASP Category A
- [X] NYASP Category B
- [ ] MA MCP Criteria ____
- [ ] CT RCP Criteria
- [ ] State Forms
- [ ] EDD Format

Commercial "A" = Results only; Commercial "B" = Results + QC Summary
Commercial "C" = Results + QC Summary + Partial Raw data

Comments / Special Instructions
*An extra 500mL HDPE jar or amber jar was added to GWDUP01, MW02 through MW07 for "lab filtered metals"
"Rinsate blanks for same analysis as MW samples"
http://www.sgs.com/en/terms-and-conditions

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished By:	Date / Time:	Received By:
1	[signature]	12/30/25 15:50	[signature]
2	[signature]	12/30/25 17:30	[signature]
3			
4			
5			

Custody Seal #: ☐ Intact ☐ Not Intact ☐ Absent

Therm ID: See Sample Receipt Summary

On Ice: X Cooler Temp. °C: 5.0

Ref Num: 314022690

SGS Sample Receipt Summary

Job Number: JE26113 **Client:** LANGAN NYC **Project:** 252 3RD STREET

Date / Time Received: 12/30/2025 5:32:00 PM **Delivery Method:** SGS COURIER **Airbill #'s:**

Cooler Temps (Raw Measured) °C: Cooler 1: (2.6); Cooler 2: (2.7); Cooler 3: (2.7); Cooler 4: (2.8);

Cooler Temps (Corrected) °C: Cooler 1: (2.7); Cooler 2: (2.8); Cooler 3: (2.8); Cooler 4: (2.9);

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	IR-50		
3. Cooler media:	Ice (Bag)		
4. No. Coolers:	4		

Quality Control Preservation	Y	or	N	N/A
1. Trip Blank present / cooler:	☑		☐	☐
2. Trip Blank listed on COC:	☑		☐	☐
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☑		☐	☐

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Test Strip Lot #s: pH 1-12: 231619 pH 12+: 203117A Other: (Specify)

Comments

SM089-03
Rev. Date 12/7/17

Job Change Order: JE26113

Requested Date:	1/16/2026	**Received Date:**	12/30/2025
Account Name:	Langan Engineering & Environme	**Due Date:**	1/16/2026
Project Description:	252 3rd Street, Brooklyn, NY	**Deliverable:**	NYASPB
C/O Initiated By:	CARIN_FER **PM:** CF	**TAT (Days):**	6

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Sample #: JE26113-ALL **Dept:**

Client ID: **TAT:** 6

Change: Change report Deliverable to COMMB

Above Changes Per: Lisa Cristiano **Date/Time:** 1/16/2026

To Client: This Change Order is confirmation of the revisions, previously discussed with the Client Service Representative.

JE26113: Chain of Custody
Page 3 of 3

MS Volatiles

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QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (BFB)
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JE26113
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4D6477-MB	4D148201.D	1	01/05/26	BK	n/a	n/a	V4D6477

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE26113-5, JE26113-6

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.1	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	0.98	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.7	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.8	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.78	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	0.78	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	0.92	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
76-13-1	Freon 113	ND	5.0	0.58	ug/l	
591-78-6	2-Hexanone	ND	5.0	4.8	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.80	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.60	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	

Method Blank Summary

Job Number: JE26113
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4D6477-MB	4D148201.D	1	01/05/26	BK	n/a	n/a	V4D6477

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE26113-5, JE26113-6

CAS No.	Compound	Result	RL	MDL	Units	Q
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	4.9	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.56	ug/l	
108-88-3	Toluene	ND	1.0	0.49	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.52	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	103%	80-120%
17060-07-0	1,2-Dichloroethane-D4	95%	80-120%
2037-26-5	Toluene-D8	98%	80-120%
460-00-4	4-Bromofluorobenzene	101%	82-114%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

Method Blank Summary

Job Number: JE26113
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1V4557-MB	1V120690.D	1	01/06/26	ED	n/a	n/a	V1V4557

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE26113-1, JE26113-2, JE26113-3, JE26113-4, JE26113-8

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.1	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	0.98	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.7	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.8	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.78	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	0.78	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	0.92	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
76-13-1	Freon 113	ND	5.0	0.58	ug/l	
591-78-6	2-Hexanone	ND	5.0	4.8	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.80	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.60	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	

Method Blank Summary

Job Number: JE26113
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1V4557-MB	1V120690.D	1	01/06/26	ED	n/a	n/a	V1V4557

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE26113-1, JE26113-2, JE26113-3, JE26113-4, JE26113-8

CAS No.	Compound	Result	RL	MDL	Units	Q
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	4.9	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.56	ug/l	
108-88-3	Toluene	ND	1.0	0.49	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.52	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	107%	80-120%
17060-07-0	1,2-Dichloroethane-D4	117%	80-120%
2037-26-5	Toluene-D8	98%	80-120%
460-00-4	4-Bromofluorobenzene	107%	82-114%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

Blank Spike Summary

Job Number: JE26113
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4D6477-BS	4D148199.D	1	01/05/26	BK	n/a	n/a	V4D6477

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE26113-5, JE26113-6

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	200	234	117	27-175
71-43-2	Benzene	50	51.7	103	80-115
74-97-5	Bromochloromethane	50	55.9	112	83-122
75-27-4	Bromodichloromethane	50	52.7	105	82-119
75-25-2	Bromoform	50	53.2	106	77-135
74-83-9	Bromomethane	50	73.0	146	40-162
78-93-3	2-Butanone (MEK)	200	226	113	61-150
75-15-0	Carbon disulfide	50	44.9	90	64-130
56-23-5	Carbon tetrachloride	50	58.0	116	75-127
108-90-7	Chlorobenzene	50	50.6	101	80-115
75-00-3	Chloroethane	50	65.9	132	56-144
67-66-3	Chloroform	50	50.8	102	75-116
74-87-3	Chloromethane	50	56.2	112	41-153
110-82-7	Cyclohexane	50	58.0	116	66-129
96-12-8	1,2-Dibromo-3-chloropropane	50	54.4	109	69-134
124-48-1	Dibromochloromethane	50	53.3	107	81-123
106-93-4	1,2-Dibromoethane	50	52.5	105	67-138
95-50-1	1,2-Dichlorobenzene	50	51.3	103	81-117
541-73-1	1,3-Dichlorobenzene	50	50.7	101	81-115
106-46-7	1,4-Dichlorobenzene	50	50.0	100	80-114
75-71-8	Dichlorodifluoromethane	50	65.0	130	43-152
75-34-3	1,1-Dichloroethane	50	53.7	107	75-125
107-06-2	1,2-Dichloroethane	50	49.2	98	73-117
75-35-4	1,1-Dichloroethene	50	52.7	105	70-124
156-59-2	cis-1,2-Dichloroethene	50	54.2	108	80-120
156-60-5	trans-1,2-Dichloroethene	50	55.0	110	77-121
78-87-5	1,2-Dichloropropane	50	52.6	105	79-121
10061-01-5	cis-1,3-Dichloropropene	50	52.4	105	83-123
10061-02-6	trans-1,3-Dichloropropene	50	49.7	99	83-122
100-41-4	Ethylbenzene	50	51.0	102	78-116
76-13-1	Freon 113	50	58.4	117	68-134
591-78-6	2-Hexanone	200	199	100	66-136
98-82-8	Isopropylbenzene	50	52.1	104	78-121
79-20-9	Methyl Acetate	50	55.9	112	60-143
108-87-2	Methylcyclohexane	50	54.8	110	71-123
1634-04-4	Methyl Tert Butyl Ether	50	56.8	114	76-123

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JE26113
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4D6477-BS	4D148199.D	1	01/05/26	BK	n/a	n/a	V4D6477

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE26113-5, JE26113-6

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
108-10-1	4-Methyl-2-pentanone(MIBK)	200	208	104	73-134
75-09-2	Methylene chloride	50	52.6	105	73-123
100-42-5	Styrene	50	52.0	104	81-125
79-34-5	1,1,2,2-Tetrachloroethane	50	49.6	99	73-126
127-18-4	Tetrachloroethene	50	52.2	104	73-119
108-88-3	Toluene	50	51.5	103	79-116
87-61-6	1,2,3-Trichlorobenzene	50	53.1	106	63-137
120-82-1	1,2,4-Trichlorobenzene	50	53.8	108	68-135
71-55-6	1,1,1-Trichloroethane	50	56.9	114	76-124
79-00-5	1,1,2-Trichloroethane	50	51.1	102	83-117
79-01-6	Trichloroethene	50	56.3	113	80-118
75-69-4	Trichlorofluoromethane	50	66.7	133	67-134
75-01-4	Vinyl chloride	50	62.1	124	52-146
	m,p-Xylene	100	102	102	79-119
95-47-6	o-Xylene	50	51.4	103	81-119
1330-20-7	Xylene (total)	150	154	103	80-119

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	104%	80-120%
17060-07-0	1,2-Dichloroethane-D4	94%	80-120%
2037-26-5	Toluene-D8	97%	80-120%
460-00-4	4-Bromofluorobenzene	99%	82-114%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JE26113
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1V4557-BS	1V120688.D	1	01/06/26	ED	n/a	n/a	V1V4557

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE26113-1, JE26113-2, JE26113-3, JE26113-4, JE26113-8

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	200	179	90	27-175
71-43-2	Benzene	50	45.4	91	80-115
74-97-5	Bromochloromethane	50	48.5	97	83-122
75-27-4	Bromodichloromethane	50	47.5	95	82-119
75-25-2	Bromoform	50	45.8	92	77-135
74-83-9	Bromomethane	50	47.7	95	40-162
78-93-3	2-Butanone (MEK)	200	222	111	61-150
75-15-0	Carbon disulfide	50	44.4	89	64-130
56-23-5	Carbon tetrachloride	50	52.7	105	75-127
108-90-7	Chlorobenzene	50	44.9	90	80-115
75-00-3	Chloroethane	50	58.4	117	56-144
67-66-3	Chloroform	50	48.4	97	75-116
74-87-3	Chloromethane	50	57.2	114	41-153
110-82-7	Cyclohexane	50	51.4	103	66-129
96-12-8	1,2-Dibromo-3-chloropropane	50	47.9	96	69-134
124-48-1	Dibromochloromethane	50	45.5	91	81-123
106-93-4	1,2-Dibromoethane	50	49.2	98	67-138
95-50-1	1,2-Dichlorobenzene	50	48.0	96	81-117
541-73-1	1,3-Dichlorobenzene	50	45.1	90	81-115
106-46-7	1,4-Dichlorobenzene	50	45.3	91	80-114
75-71-8	Dichlorodifluoromethane	50	54.4	109	43-152
75-34-3	1,1-Dichloroethane	50	49.3	99	75-125
107-06-2	1,2-Dichloroethane	50	54.8	110	73-117
75-35-4	1,1-Dichloroethene	50	51.5	103	70-124
156-59-2	cis-1,2-Dichloroethene	50	48.8	98	80-120
156-60-5	trans-1,2-Dichloroethene	50	49.4	99	77-121
78-87-5	1,2-Dichloropropane	50	47.1	94	79-121
10061-01-5	cis-1,3-Dichloropropene	50	48.3	97	83-123
10061-02-6	trans-1,3-Dichloropropene	50	48.5	97	83-122
100-41-4	Ethylbenzene	50	45.6	91	78-116
76-13-1	Freon 113	50	46.8	94	68-134
591-78-6	2-Hexanone	200	183	92	66-136
98-82-8	Isopropylbenzene	50	48.6	97	78-121
79-20-9	Methyl Acetate	50	51.7	103	60-143
108-87-2	Methylcyclohexane	50	44.5	89	71-123
1634-04-4	Methyl Tert Butyl Ether	50	60.2	120	76-123

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JE26113
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1V4557-BS	1V120688.D	1	01/06/26	ED	n/a	n/a	V1V4557

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE26113-1, JE26113-2, JE26113-3, JE26113-4, JE26113-8

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
108-10-1	4-Methyl-2-pentanone(MIBK)	200	207	104	73-134
75-09-2	Methylene chloride	50	46.4	93	73-123
100-42-5	Styrene	50	47.3	95	81-125
79-34-5	1,1,2,2-Tetrachloroethane	50	49.5	99	73-126
127-18-4	Tetrachloroethene	50	42.6	85	73-119
108-88-3	Toluene	50	45.3	91	79-116
87-61-6	1,2,3-Trichlorobenzene	50	46.9	94	63-137
120-82-1	1,2,4-Trichlorobenzene	50	47.6	95	68-135
71-55-6	1,1,1-Trichloroethane	50	54.3	109	76-124
79-00-5	1,1,2-Trichloroethane	50	45.7	91	83-117
79-01-6	Trichloroethene	50	47.6	95	80-118
75-69-4	Trichlorofluoromethane	50	52.0	104	67-134
75-01-4	Vinyl chloride	50	55.8	112	52-146
	m,p-Xylene	100	90.8	91	79-119
95-47-6	o-Xylene	50	45.2	90	81-119
1330-20-7	Xylene (total)	150	136	91	80-119

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	104%	80-120%
17060-07-0	1,2-Dichloroethane-D4	111%	80-120%
2037-26-5	Toluene-D8	98%	80-120%
460-00-4	4-Bromofluorobenzene	107%	82-114%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JE26113
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JE26137-16MS	4D148211.D	10	01/05/26	BK	n/a	n/a	V4D6477
JE26137-16MSD	4D148212.D	10	01/05/26	BK	n/a	n/a	V4D6477
JE26137-16 [a]	4D148217.D	10	01/05/26	BK	n/a	n/a	V4D6477

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE26113-5, JE26113-6

CAS No.	Compound	JE26137-16 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		2000	2530	127	2000	2500	125	1	22-134/19
71-43-2	Benzene	ND		500	515	103	500	513	103	0	49-137/12
74-97-5	Bromochloromethane	ND		500	575	115	500	587	117	2	78-122/12
75-27-4	Bromodichloromethane	ND		500	515	103	500	516	103	0	76-121/12
75-25-2	Bromoform	ND		500	568	114	500	569	114	0	70-133/13
74-83-9	Bromomethane	ND		500	395	79	500	456	91	14	27-164/38
78-93-3	2-Butanone (MEK)	ND		2000	2390	120	2000	2410	121	1	52-137/17
75-15-0	Carbon disulfide	ND		500	579	116	500	580	116	0	54-136/16
56-23-5	Carbon tetrachloride	ND		500	550	110	500	566	113	3	70-132/13
108-90-7	Chlorobenzene	ND		500	517	103	500	515	103	0	68-123/12
75-00-3	Chloroethane	ND		500	620	124	500	623	125	0	48-152/17
67-66-3	Chloroform	ND		500	496	99	500	508	102	2	68-120/13
74-87-3	Chloromethane	ND		500	485	97	500	487	97	0	35-156/18
110-82-7	Cyclohexane	ND		500	549	110	500	548	110	0	53-146/14
96-12-8	1,2-Dibromo-3-chloropropane	ND		500	587	117	500	589	118	0	63-134/16
124-48-1	Dibromochloromethane	ND		500	552	110	500	552	110	0	75-122/12
106-93-4	1,2-Dibromoethane	ND		500	534	107	500	537	107	1	63-134/12
95-50-1	1,2-Dichlorobenzene	ND		500	516	103	500	513	103	1	74-119/12
541-73-1	1,3-Dichlorobenzene	ND		500	507	101	500	504	101	1	75-117/12
106-46-7	1,4-Dichlorobenzene	ND		500	497	99	500	500	100	1	72-117/12
75-71-8	Dichlorodifluoromethane	ND		500	587	117	500	589	118	0	34-163/16
75-34-3	1,1-Dichloroethane	ND		500	541	108	500	542	108	0	68-129/13
107-06-2	1,2-Dichloroethane	ND		500	500	100	500	498	100	0	66-120/13
75-35-4	1,1-Dichloroethene	ND		500	590	118	500	589	118	0	59-133/15
156-59-2	cis-1,2-Dichloroethene	ND		500	545	109	500	553	111	1	52-140/12
156-60-5	trans-1,2-Dichloroethene	ND		500	564	113	500	568	114	1	70-125/13
78-87-5	1,2-Dichloropropane	ND		500	528	106	500	521	104	1	73-124/12
10061-01-5	cis-1,3-Dichloropropene	ND		500	530	106	500	529	106	0	75-125/13
10061-02-6	trans-1,3-Dichloropropene	ND		500	514	103	500	513	103	0	75-122/12
100-41-4	Ethylbenzene	ND		500	510	102	500	507	101	1	37-144/12
76-13-1	Freon 113	ND		500	654	131	500	650	130	1	61-142/14
591-78-6	2-Hexanone	ND		2000	2120	106	2000	2110	106	0	56-132/16
98-82-8	Isopropylbenzene	8.7	J	500	528	104	500	520	102	2	71-126/13
79-20-9	Methyl Acetate	ND		500	588	118	500	601	120	2	51-139/18
108-87-2	Methylcyclohexane	ND		500	559	112	500	548	110	2	59-137/16
1634-04-4	Methyl Tert Butyl Ether	ND		500	591	118	500	598	120	1	66-124/12

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JE26113
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JE26137-16MS	4D148211.D	10	01/05/26	BK	n/a	n/a	V4D6477
JE26137-16MSD	4D148212.D	10	01/05/26	BK	n/a	n/a	V4D6477
JE26137-16 [a]	4D148217.D	10	01/05/26	BK	n/a	n/a	V4D6477

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE26113-5, JE26113-6

CAS No.	Compound	JE26137-16 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		2000	2160	108	2000	2130	107	1	65-135/14
75-09-2	Methylene chloride	ND		500	540	108	500	543	109	1	66-125/14
100-42-5	Styrene	ND		500	522	104	500	521	104	0	71-133/12
79-34-5	1,1,2,2-Tetrachloroethane	ND		500	506	101	500	509	102	1	68-127/14
127-18-4	Tetrachloroethene	ND		500	527	105	500	519	104	2	58-132/13
108-88-3	Toluene	ND		500	515	103	500	515	103	0	46-139/12
87-61-6	1,2,3-Trichlorobenzene	ND		500	563	113	500	560	112	1	57-136/17
120-82-1	1,2,4-Trichlorobenzene	ND		500	563	113	500	556	111	1	61-137/16
71-55-6	1,1,1-Trichloroethane	ND		500	560	112	500	570	114	2	67-132/13
79-00-5	1,1,2-Trichloroethane	ND		500	520	104	500	523	105	1	75-120/12
79-01-6	Trichloroethene	ND		500	566	113	500	563	113	1	56-136/12
75-69-4	Trichlorofluoromethane	ND		500	613	123	500	631	126	3	61-145/16
75-01-4	Vinyl chloride	ND		500	572	114	500	557	111	3	41-156/16
	m,p-Xylene	ND		1000	1020	102	1000	1020	102	0	32-151/12
95-47-6	o-Xylene	ND		500	516	103	500	511	102	1	50-139/12
1330-20-7	Xylene (total)	ND		1500	1540	103	1500	1530	102	1	38-147/12

CAS No.	Surrogate Recoveries	MS	MSD	JE26137-16	Limits
1868-53-7	Dibromofluoromethane	104%	106%		80-120%
17060-07-0	1,2-Dichloroethane-D4	92%	92%		80-120%
2037-26-5	Toluene-D8	96%	96%		80-120%
460-00-4	4-Bromofluorobenzene	100%	100%		82-114%

(a) Sample used for QC purposes only.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JE26113
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JE26120-8MS	1V120699.D	1	01/06/26	ED	n/a	n/a	V1V4557
JE26120-8MSD	1V120700.D	1	01/06/26	ED	n/a	n/a	V1V4557
JE26120-8	1V120704.D	1	01/06/26	ED	n/a	n/a	V1V4557

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE26113-1, JE26113-2, JE26113-3, JE26113-4, JE26113-8

CAS No.	Compound	JE26120-8 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		200	178	89	200	170	85	5	22-134/19
71-43-2	Benzene	ND		50	43.7	87	50	43.3	87	1	49-137/12
74-97-5	Bromochloromethane	ND		50	47.5	95	50	45.6	91	4	78-122/12
75-27-4	Bromodichloromethane	ND		50	44.1	88	50	44.0	88	0	76-121/12
75-25-2	Bromoform	ND		50	44.1	88	50	43.6	87	1	70-133/13
74-83-9	Bromomethane	ND		50	47.7	95	50	49.1	98	3	27-164/38
78-93-3	2-Butanone (MEK)	ND		200	220	110	200	213	107	3	52-137/17
75-15-0	Carbon disulfide	ND		50	42.7	85	50	41.7	83	2	54-136/16
56-23-5	Carbon tetrachloride	ND		50	51.0	102	50	50.2	100	2	70-132/13
108-90-7	Chlorobenzene	ND		50	43.5	87	50	42.8	86	2	68-123/12
75-00-3	Chloroethane	ND		50	63.1	126	50	62.1	124	2	48-152/17
67-66-3	Chloroform	ND		50	46.6	93	50	44.6	89	4	68-120/13
74-87-3	Chloromethane	ND		50	61.5	123	50	62.2	124	1	35-156/18
110-82-7	Cyclohexane	ND		50	51.1	102	50	53.6	107	5	53-146/14
96-12-8	1,2-Dibromo-3-chloropropane	ND		50	45.8	92	50	45.9	92	0	63-134/16
124-48-1	Dibromochloromethane	ND		50	43.1	86	50	42.2	84	2	75-122/12
106-93-4	1,2-Dibromoethane	ND		50	47.0	94	50	46.1	92	2	63-134/12
95-50-1	1,2-Dichlorobenzene	ND		50	45.6	91	50	45.0	90	1	74-119/12
541-73-1	1,3-Dichlorobenzene	ND		50	42.7	85	50	42.3	85	1	75-117/12
106-46-7	1,4-Dichlorobenzene	ND		50	43.1	86	50	42.5	85	1	72-117/12
75-71-8	Dichlorodifluoromethane	ND		50	52.9	106	50	57.4	115	8	34-163/16
75-34-3	1,1-Dichloroethane	ND		50	47.7	95	50	46.1	92	3	68-129/13
107-06-2	1,2-Dichloroethane	ND		50	52.4	105	50	51.6	103	2	66-120/13
75-35-4	1,1-Dichloroethene	ND		50	51.0	102	50	49.9	100	2	59-133/15
156-59-2	cis-1,2-Dichloroethene	ND		50	47.2	94	50	45.1	90	5	52-140/12
156-60-5	trans-1,2-Dichloroethene	ND		50	47.8	96	50	46.2	92	3	70-125/13
78-87-5	1,2-Dichloropropane	ND		50	45.1	90	50	44.0	88	2	73-124/12
10061-01-5	cis-1,3-Dichloropropene	ND		50	45.7	91	50	44.9	90	2	75-125/13
10061-02-6	trans-1,3-Dichloropropene	ND		50	45.5	91	50	44.9	90	1	75-122/12
100-41-4	Ethylbenzene	ND		50	44.1	88	50	43.5	87	1	37-144/12
76-13-1	Freon 113	ND		50	44.6	89	50	46.0	92	3	61-142/14
591-78-6	2-Hexanone	ND		200	187	94	200	182	91	3	56-132/16
98-82-8	Isopropylbenzene	ND		50	47.2	94	50	47.0	94	0	71-126/13
79-20-9	Methyl Acetate	ND		50	50.2	100	50	48.5	97	3	51-139/18
108-87-2	Methylcyclohexane	ND		50	42.6	85	50	43.8	88	3	59-137/16
1634-04-4	Methyl Tert Butyl Ether	ND		50	58.5	117	50	55.7	111	5	66-124/12

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JE26113
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JE26120-8MS	1V120699.D	1	01/06/26	ED	n/a	n/a	V1V4557
JE26120-8MSD	1V120700.D	1	01/06/26	ED	n/a	n/a	V1V4557
JE26120-8	1V120704.D	1	01/06/26	ED	n/a	n/a	V1V4557

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE26113-1, JE26113-2, JE26113-3, JE26113-4, JE26113-8

CAS No.	Compound	JE26120-8 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		200	211	106	200	207	104	2	65-135/14
75-09-2	Methylene chloride	ND		50	43.7	87	50	42.2	84	3	66-125/14
100-42-5	Styrene	ND		50	45.6	91	50	44.5	89	2	71-133/12
79-34-5	1,1,2,2-Tetrachloroethane	ND		50	48.3	97	50	47.5	95	2	68-127/14
127-18-4	Tetrachloroethene	ND		50	43.0	86	50	42.8	86	0	58-132/13
108-88-3	Toluene	ND		50	44.7	89	50	44.2	88	1	46-139/12
87-61-6	1,2,3-Trichlorobenzene	ND		50	44.7	89	50	44.7	89	0	57-136/17
120-82-1	1,2,4-Trichlorobenzene	ND		50	45.4	91	50	44.6	89	2	61-137/16
71-55-6	1,1,1-Trichloroethane	ND		50	52.3	105	50	51.2	102	2	67-132/13
79-00-5	1,1,2-Trichloroethane	ND		50	44.1	88	50	42.8	86	3	75-120/12
79-01-6	Trichloroethene	9.4		50	55.4	92	50	54.9	91	1	56-136/12
75-69-4	Trichlorofluoromethane	ND		50	52.6	105	50	54.9	110	4	61-145/16
75-01-4	Vinyl chloride	ND		50	60.2	120	50	61.4	123	2	41-156/16
	m,p-Xylene	ND		100	88.5	89	100	87.2	87	1	32-151/12
95-47-6	o-Xylene	ND		50	43.9	88	50	42.8	86	3	50-139/12
1330-20-7	Xylene (total)	ND		150	132	88	150	130	87	2	38-147/12

CAS No.	Surrogate Recoveries	MS	MSD	JE26120-8	Limits
1868-53-7	Dibromofluoromethane	103%	102%	104%	80-120%
17060-07-0	1,2-Dichloroethane-D4	113%	111%	120%	80-120%
2037-26-5	Toluene-D8	97%	97%	98%	80-120%
460-00-4	4-Bromofluorobenzene	106%	108%	107%	82-114%

* = Outside of Control Limits.

Instrument Performance Check (BFB)

Job Number: JE26113
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample: V1V4516-BFB
Lab File ID: 1V119055.D
Instrument ID: GCMS1V
Injection Date: 11/11/25
Injection Time: 22:45

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	39931	18.3		Pass
75	30.0 - 60.0% of mass 95	107957	49.5		Pass
95	Base peak, 100% relative abundance	218197	100.0		Pass
96	5.0 - 9.0% of mass 95	14228	6.52		Pass
173	Less than 2.0% of mass 174	1755	0.80	(0.81) [a]	Pass
174	50.0 - 120.0% of mass 95	216917	99.4		Pass
175	5.0 - 9.0% of mass 174	15784	7.23	(7.28) [a]	Pass
176	95.0 - 101.0% of mass 174	216747	99.3	(99.9) [a]	Pass
177	5.0 - 9.0% of mass 176	13935	6.39	(6.43) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V1V4516-IC4516	1V119057.D	11/11/25	23:36	00:51	Initial cal 0.2
V1V4516-IC4516	1V119059.D	11/12/25	00:05	01:20	Initial cal 0.5
V1V4516-IC4516	1V119061.D	11/12/25	00:33	01:48	Initial cal 1
V1V4516-IC4516	1V119063.D	11/12/25	01:02	02:17	Initial cal 2
V1V4516-IC4516	1V119065.D	11/12/25	01:31	02:46	Initial cal 4
V1V4516-IC4516	1V119067.D	11/12/25	02:00	03:15	Initial cal 8
V1V4516-IC4516	1V119069.D	11/12/25	02:29	03:44	Initial cal 20
V1V4516-ICC4516	1V119071.D	11/12/25	02:57	04:12	Initial cal 50
V1V4516-IC4516	1V119073.D	11/12/25	03:26	04:41	Initial cal 100
V1V4516-IC4516	1V119075.D	11/12/25	03:55	05:10	Initial cal 200
V1V4516-ICV4516	1V119081.D	11/12/25	05:21	06:36	Initial cal verification 50
V1V4516-ICV4516	1V119083.D	11/12/25	05:50	07:05	Initial cal verification 50

Instrument Performance Check (BFB)

Job Number: JE26113
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample:	V1V4516-BFB2	**Injection Date:**	11/17/25
Lab File ID:	1V119089.D	**Injection Time:**	11:06
Instrument ID:	GCMS1V		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	39283	19.8		Pass
75	30.0 - 60.0% of mass 95	97344	49.0		Pass
95	Base peak, 100% relative abundance	198507	100.0		Pass
96	5.0 - 9.0% of mass 95	13285	6.69		Pass
173	Less than 2.0% of mass 174	1814	0.91	(0.87) [a]	Pass
174	50.0 - 120.0% of mass 95	208405	105.0		Pass
175	5.0 - 9.0% of mass 174	16020	8.07	(7.69) [a]	Pass
176	95.0 - 101.0% of mass 174	208043	104.8	(99.8) [a]	Pass
177	5.0 - 9.0% of mass 176	12175	6.13	(5.85) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V1V4516-ICV4516	1V119091.D	11/17/25	11:35	00:29	Initial cal verification 50
V1V4517-CC4516	1V119099.D	11/18/25	08:45	21:39	Continuing cal 20
V1V4517-BS	1V119101.D	11/18/25	09:33	22:27	Blank Spike
V1V4517-MB	1V119105.D	11/18/25	10:30	23:24	Method Blank
ZZZZZZ	1V119107.D	11/18/25	11:08	24:02	(unrelated sample)
ZZZZZZ	1V119109.D	11/18/25	11:37	24:31	(unrelated sample)
ZZZZZZ	1V119111.D	11/18/25	12:05	24:59	(unrelated sample)

Instrument Performance Check (BFB)

Job Number: JE26113
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample:	V4D6417-BFB	**Injection Date:**	10/13/25
Lab File ID:	4D146603.D	**Injection Time:**	17:15
Instrument ID:	GCMS4D		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	14.99 - 40.0% of mass 95	38675	20.1		Pass
75	30.0 - 60.0% of mass 95	96637	50.3		Pass
95	Base peak, 100% relative abundance	192213	100.0		Pass
96	5.0 - 9.0% of mass 95	12672	6.59		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	160981	83.8		Pass
175	5.0 - 9.0% of mass 174	12283	6.39	(7.63) [a]	Pass
176	95.0 - 101.0% of mass 174	158272	82.3	(98.3) [a]	Pass
177	5.0 - 9.0% of mass 176	10585	5.51	(6.69) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V4D6417-IC6417	4D146604.D	10/13/25	18:05	00:50	Initial cal 0.2
V4D6417-IC6417	4D146605.D	10/13/25	18:34	01:19	Initial cal 0.5
V4D6417-IC6417	4D146606.D	10/13/25	19:02	01:47	Initial cal 1
V4D6417-IC6417	4D146607.D	10/13/25	19:30	02:15	Initial cal 2
V4D6417-IC6417	4D146608.D	10/13/25	19:58	02:43	Initial cal 4
V4D6417-IC6417	4D146609.D	10/13/25	20:27	03:12	Initial cal 8
V4D6417-IC6417	4D146610.D	10/13/25	20:55	03:40	Initial cal 20
V4D6417-ICC6417	4D146611.D	10/13/25	21:23	04:08	Initial cal 50
V4D6417-IC6417	4D146612.D	10/13/25	21:51	04:36	Initial cal 100
V4D6417-IC6417	4D146613.D	10/13/25	22:20	05:05	Initial cal 200

Instrument Performance Check (BFB)

Job Number: JE26113
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample:	V4D6417-BFB2	**Injection Date:**	10/14/25
Lab File ID:	4D146616.D	**Injection Time:**	18:47
Instrument ID:	GCMS4D		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	14.99 - 40.0% of mass 95	41472	20.1		Pass
75	30.0 - 60.0% of mass 95	103347	50.0		Pass
95	Base peak, 100% relative abundance	206763	100.0		Pass
96	5.0 - 9.0% of mass 95	13546	6.55		Pass
173	Less than 2.0% of mass 174	773	0.37	(0.45) [a]	Pass
174	50.0 - 120.0% of mass 95	172949	83.6		Pass
175	5.0 - 9.0% of mass 174	13100	6.34	(7.57) [a]	Pass
176	95.0 - 101.0% of mass 174	169920	82.2	(98.2) [a]	Pass
177	5.0 - 9.0% of mass 176	11466	5.55	(6.75) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V4D6417-ICV6417	4D146617.D	10/14/25	19:15	00:28	Initial cal verification 50
V4D6417-ICV6417	4D146618.D	10/14/25	19:43	00:56	Initial cal verification 50

Instrument Performance Check (BFB)

Job Number: JE26113
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample:	V4D6417-BFB3	**Injection Date:**	10/15/25
Lab File ID:	4D146620.D	**Injection Time:**	12:49
Instrument ID:	GCMS4D		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	14.99 - 40.0% of mass 95	39104	19.6		Pass
75	30.0 - 60.0% of mass 95	98971	49.7		Pass
95	Base peak, 100% relative abundance	199104	100.0		Pass
96	5.0 - 9.0% of mass 95	13162	6.61		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	166720	83.7		Pass
175	5.0 - 9.0% of mass 174	12922	6.49	(7.75) [a]	Pass
176	95.0 - 101.0% of mass 174	165483	83.1	(99.3) [a]	Pass
177	5.0 - 9.0% of mass 176	10746	5.40	(6.49) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V4D6417-ICV6417	4D146621.D	10/15/25	13:17	00:28	Initial cal verification 50
V4D6419-CC6417	4D146633.D	10/16/25	13:39	24:50	Continuing cal 20

Surrogate Recovery Summary

Job Number: JE26113
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Method: SW846 8260D **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4
JE26113-1	1V120696.D	104	120	96	106
JE26113-2	1V120691.D	108	119	99	106
JE26113-3	1V120697.D	106	119	97	109
JE26113-4	1V120692.D	109	118	98	105
JE26113-5	4D148214.D	104	95	97	99
JE26113-6	4D148215.D	106	94	97	99
JE26113-8	1V120698.D	105	120	98	107
JE26120-8MS	1V120699.D	103	113	97	106
JE26120-8MSD	1V120700.D	102	111	97	108
JE26137-16MS	4D148211.D	104	92	96	100
JE26137-16MSD	4D148212.D	106	92	96	100
V1V4557-BS	1V120688.D	104	111	98	107
V1V4557-MB	1V120690.D	107	117	98	107
V4D6477-BS	4D148199.D	104	94	97	99
V4D6477-MB	4D148201.D	103	95	98	101

Surrogate Compounds	Recovery Limits
S1 = Dibromofluoromethane	80-120%
S2 = 1,2-Dichloroethane-D4	80-120%
S3 = Toluene-D8	80-120%
S4 = 4-Bromofluorobenzene	82-114%

MS Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (DFTPP)
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JE26113
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP70176-MB1	4P699882.D	1	01/02/26	RS	12/31/25	OP70176	E4P3952

The QC reported here applies to the following samples: **Method:** SW846 8270E

JE26113-1, JE26113-2, JE26113-3, JE26113-4, JE26113-5

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.0	0.82	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	0.89	ug/l	
120-83-2	2,4-Dichlorophenol	ND	2.0	1.3	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	2.4	ug/l	
51-28-5	2,4-Dinitrophenol	ND	5.0	1.6	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	5.0	1.3	ug/l	
95-48-7	2-Methylphenol	ND	2.0	0.89	ug/l	
	3&4-Methylphenol	ND	2.0	0.88	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	0.96	ug/l	
100-02-7	4-Nitrophenol	ND	10	1.2	ug/l	
87-86-5	Pentachlorophenol	ND	4.0	1.4	ug/l	
108-95-2	Phenol	ND	2.0	0.39	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	1.5	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	1.3	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	2.0	0.92	ug/l	
83-32-9	Acenaphthene	ND	1.0	0.19	ug/l	
208-96-8	Acenaphthylene	ND	1.0	0.14	ug/l	
98-86-2	Acetophenone	ND	2.0	0.21	ug/l	
120-12-7	Anthracene	ND	1.0	0.21	ug/l	
1912-24-9	Atrazine	ND	2.0	0.45	ug/l	
100-52-7	Benzaldehyde	ND	5.0	0.29	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.0	0.20	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.0	0.21	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.0	0.21	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	0.34	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.0	0.21	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.40	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.0	0.46	ug/l	
92-52-4	1,1'-Biphenyl	ND	1.0	0.21	ug/l	
91-58-7	2-Chloronaphthalene	ND	2.0	0.24	ug/l	
106-47-8	4-Chloroaniline	ND	5.0	0.34	ug/l	
86-74-8	Carbazole	ND	1.0	0.23	ug/l	
105-60-2	Caprolactam	ND	2.0	0.65	ug/l	
218-01-9	Chrysene	ND	1.0	0.18	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	0.28	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.0	0.25	ug/l	

Method Blank Summary

Job Number: JE26113
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP70176-MB1	4P699882.D	1	01/02/26	RS	12/31/25	OP70176	E4P3952

The QC reported here applies to the following samples: **Method:** SW846 8270E

JE26113-1, JE26113-2, JE26113-3, JE26113-4, JE26113-5

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	2.0	0.40	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.37	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	1.0	0.55	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	1.0	0.48	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	2.0	0.51	ug/l	
123-91-1	1,4-Dioxane	ND	1.0	0.66	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.33	ug/l	
132-64-9	Dibenzofuran	ND	5.0	0.22	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.0	0.50	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.0	0.23	ug/l	
84-66-2	Diethyl phthalate	ND	2.0	0.26	ug/l	
131-11-3	Dimethyl phthalate	ND	2.0	0.22	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.0	1.7	ug/l	
206-44-0	Fluoranthene	ND	1.0	0.17	ug/l	
86-73-7	Fluorene	ND	1.0	0.17	ug/l	
118-74-1	Hexachlorobenzene	ND	1.0	0.33	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	0.49	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	10	2.8	ug/l	
67-72-1	Hexachloroethane	ND	1.0	0.39	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.0	0.33	ug/l	
78-59-1	Isophorone	ND	2.0	0.28	ug/l	
91-57-6	2-Methylnaphthalene	ND	1.0	0.21	ug/l	
88-74-4	2-Nitroaniline	ND	5.0	0.28	ug/l	
99-09-2	3-Nitroaniline	ND	5.0	0.39	ug/l	
100-01-6	4-Nitroaniline	ND	5.0	0.44	ug/l	
91-20-3	Naphthalene	ND	1.0	0.23	ug/l	
98-95-3	Nitrobenzene	ND	1.0	0.64	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	1.0	0.48	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	0.22	ug/l	
85-01-8	Phenanthrene	ND	1.0	0.18	ug/l	
129-00-0	Pyrene	ND	1.0	0.22	ug/l	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	2.0	0.37	ug/l	

Method Blank Summary

Job Number: JE26113
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP70176-MB1	4P699882.D	1	01/02/26	RS	12/31/25	OP70176	E4P3952

The QC reported here applies to the following samples: **Method:** SW846 8270E

JE26113-1, JE26113-2, JE26113-3, JE26113-4, JE26113-5

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	45%	10-71%
4165-62-2	Phenol-d5	29%	10-58%
118-79-6	2,4,6-Tribromophenol	75%	22-144%
4165-60-0	Nitrobenzene-d5	62%	28-118%
321-60-8	2-Fluorobiphenyl	68%	34-116%
1718-51-0	Terphenyl-d14	85%	10-127%

Blank Spike/Blank Spike Duplicate Summary

Job Number: JE26113
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP70176-BS1	4P699884.D	1	01/02/26	RS	12/31/25	OP70176	E4P3952
OP70176-BSD	4P699885.D	1	01/02/26	RS	12/31/25	OP70176	E4P3952

The QC reported here applies to the following samples: **Method:** SW846 8270E

JE26113-1, JE26113-2, JE26113-3, JE26113-4, JE26113-5

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	BSD ug/l	BSD %	RPD	Limits Rec/RPD
95-57-8	2-Chlorophenol	50	28.9	58	31.9	64	10	17-111/59
59-50-7	4-Chloro-3-methyl phenol	50	32.0	64	35.4	71	10	30-118/47
120-83-2	2,4-Dichlorophenol	50	33.2	66	36.2	72	9	30-119/50
105-67-9	2,4-Dimethylphenol	50	31.0	62	34.1	68	10	20-114/49
51-28-5	2,4-Dinitrophenol	100	96.6	97	102	102	5	11-141/72
534-52-1	4,6-Dinitro-o-cresol	50	45.3	91	48.9	98	8	30-142/51
95-48-7	2-Methylphenol	50	27.1	54	29.2	58	7	10-110/56
	3&4-Methylphenol	100	52.0	52	56.2	56	8	10-164/59
88-75-5	2-Nitrophenol	50	36.5	73	38.9	78	6	33-123/49
100-02-7	4-Nitrophenol	50	21.7	43	23.0	46	6	10-84/61
87-86-5	Pentachlorophenol	100	79.0	79	84.3	84	6	10-171/41
108-95-2	Phenol	50	16.4	33	17.2	34	5	10-85/57
58-90-2	2,3,4,6-Tetrachlorophenol	50	37.8	76	40.1	80	6	36-130/44
95-95-4	2,4,5-Trichlorophenol	50	36.1	72	39.0	78	8	38-124/44
88-06-2	2,4,6-Trichlorophenol	50	35.5	71	39.0	78	9	37-122/46
83-32-9	Acenaphthene	50	30.3	61	35.0	70	14	52-115/30
208-96-8	Acenaphthylene	50	30.3	61	35.6	71	16	30-114/31
98-86-2	Acetophenone	50	30.2	60	32.8	66	8	40-115/39
120-12-7	Anthracene	50	34.3	69	38.1	76	10	55-122/29
1912-24-9	Atrazine	50	43.4	87	45.4	91	5	54-140/33
100-52-7	Benzaldehyde	50	31.3	63	34.7	69	10	35-121/35
56-55-3	Benzo(a)anthracene	50	34.6	69	37.7	75	9	55-122/29
50-32-8	Benzo(a)pyrene	50	33.7	67	37.0	74	9	50-123/30
205-99-2	Benzo(b)fluoranthene	50	34.7	69	37.4	75	7	57-124/28
191-24-2	Benzo(g,h,i)perylene	50	36.5	73	39.0	78	7	55-125/30
207-08-9	Benzo(k)fluoranthene	50	35.7	71	37.8	76	6	53-124/28
101-55-3	4-Bromophenyl phenyl ether	50	35.4	71	40.5	81	13	55-124/29
85-68-7	Butyl benzyl phthalate	50	33.7	67	37.2	74	10	54-134/29
92-52-4	1,1'-Biphenyl	50	29.1	58	35.8	72	21	46-115/32
91-58-7	2-Chloronaphthalene	50	27.8	56	34.5	69	22	44-113/32
106-47-8	4-Chloroaniline	50	24.4	49	15.4	31	45	10-100/92
86-74-8	Carbazole	50	33.0	66	35.7	71	8	56-123/29
105-60-2	Caprolactam	50	12.4	25	13.7	27	10	10-85/35
218-01-9	Chrysene	50	35.6	71	38.1	76	7	54-122/29
111-91-1	bis(2-Chloroethoxy)methane	50	33.4	67	34.1	68	2	39-116/36
111-44-4	bis(2-Chloroethyl)ether	50	28.2	56	30.4	61	8	31-118/45

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: JE26113
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP70176-BS1	4P699884.D	1	01/02/26	RS	12/31/25	OP70176	E4P3952
OP70176-BSD	4P699885.D	1	01/02/26	RS	12/31/25	OP70176	E4P3952

The QC reported here applies to the following samples: **Method:** SW846 8270E

JE26113-1, JE26113-2, JE26113-3, JE26113-4, JE26113-5

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	BSD ug/l	BSD %	RPD	Limits Rec/RPD
108-60-1	2,2'-Oxybis(1-chloropropane)	50	28.7	57	32.7	65	13	34-117/43
7005-72-3	4-Chlorophenyl phenyl ether	50	33.5	67	37.5	75	11	53-119/28
121-14-2	2,4-Dinitrotoluene	50	39.7	79	43.5	87	9	58-129/29
606-20-2	2,6-Dinitrotoluene	50	40.1	80	43.3	87	8	56-128/30
91-94-1	3,3'-Dichlorobenzidine	50	32.1	64	30.1	60	6	23-122/44
123-91-1	1,4-Dioxane	50	16.4	33	18.0	36	9	10-88/49
53-70-3	Dibenzo(a,h)anthracene	50	37.0	74	39.4	79	6	55-127/29
132-64-9	Dibenzofuran	50	31.6	63	36.2	72	14	53-116/29
84-74-2	Di-n-butyl phthalate	50	34.8	70	37.7	75	8	57-129/30
117-84-0	Di-n-octyl phthalate	50	33.9	68	36.0	72	6	45-139/28
84-66-2	Diethyl phthalate	50	33.6	67	36.6	73	9	53-123/30
131-11-3	Dimethyl phthalate	50	34.6	69	37.2	74	7	50-122/35
117-81-7	bis(2-Ethylhexyl)phthalate	50	35.2	70	37.8	76	7	49-137/30
206-44-0	Fluoranthene	50	33.2	66	35.7	71	7	58-125/30
86-73-7	Fluorene	50	33.3	67	37.1	74	11	56-119/28
118-74-1	Hexachlorobenzene	50	34.8	70	39.4	79	12	53-125/29
87-68-3	Hexachlorobutadiene	50	19.6	39	30.4	61	43	21-109/47
77-47-4	Hexachlorocyclopentadiene	100	39.7	40	72.6	73	59* [a]	10-96/52
67-72-1	Hexachloroethane	50	17.0	34	28.1	56	49* [a]	19-105/40
193-39-5	Indeno(1,2,3-cd)pyrene	50	35.9	72	38.8	78	8	50-132/30
78-59-1	Isophorone	50	31.2	62	33.7	67	8	41-117/33
91-57-6	2-Methylnaphthalene	50	25.0	50	32.2	64	25	41-112/35
88-74-4	2-Nitroaniline	50	38.6	77	41.4	83	7	48-128/31
99-09-2	3-Nitroaniline	50	35.8	72	32.7	65	9	30-115/51
100-01-6	4-Nitroaniline	50	36.9	74	40.0	80	8	43-121/34
91-20-3	Naphthalene	50	24.4	49	31.5	63	25	37-112/39
98-95-3	Nitrobenzene	50	30.3	61	32.9	66	8	35-119/39
621-64-7	N-Nitroso-di-n-propylamine	50	31.2	62	33.2	66	6	34-121/36
86-30-6	N-Nitrosodiphenylamine	50	38.6	77	42.5	85	10	52-121/29
85-01-8	Phenanthrene	50	34.3	69	37.4	75	9	56-121/28
129-00-0	Pyrene	50	35.6	71	39.8	80	11	55-125/29
95-94-3	1,2,4,5-Tetrachlorobenzene	50	26.6	53	36.0	72	30	40-110/35

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: JE26113
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP70176-BS1	4P699884.D	1	01/02/26	RS	12/31/25	OP70176	E4P3952
OP70176-BSD	4P699885.D	1	01/02/26	RS	12/31/25	OP70176	E4P3952

The QC reported here applies to the following samples: **Method:** SW846 8270E

JE26113-1, JE26113-2, JE26113-3, JE26113-4, JE26113-5

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
367-12-4	2-Fluorophenol	43%	46%	10-71%
4165-62-2	Phenol-d5	30%	30%	10-58%
118-79-6	2,4,6-Tribromophenol	75%	79%	22-144%
4165-60-0	Nitrobenzene-d5	65%	68%	28-118%
321-60-8	2-Fluorobiphenyl	70%	74%	34-116%
1718-51-0	Terphenyl-d14	70%	76%	10-127%

(a) Analytical precision exceeds in-house control limits.

* = Outside of Control Limits.

Instrument Performance Check (DFTPP)

Job Number: JE26113
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample: E4P3923-DFTPP
Lab File ID: 4P699295.D
Instrument ID: GCMS4P
Injection Date: 11/19/25
Injection Time: 16:15

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	44242	37.4		Pass
68	Less than 2.0% of mass 69	0	0.00	(0.00) [a]	Pass
69	Mass 69 relative abundance	41476	35.0		Pass
70	Less than 2.0% of mass 69	211	0.18	(0.51) [a]	Pass
127	40.0 - 60.0% of mass 198	51884	43.8		Pass
197	Less than 1.0% of mass 198	183	0.15		Pass
198	Base peak, 100% relative abundance	118395	100.0		Pass
199	5.0 - 9.0% of mass 198	8367	7.07		Pass
275	10.0 - 31.0% of mass 198	28899	24.4		Pass
365	1.0 - 100.0% of mass 198	2861	2.42		Pass
441	Present, but less than mass 443	10511	8.88	(79.9) [b]	Pass
442	40.0 - 100.0% of mass 198	65448	55.3		Pass
443	17.0 - 23.0% of mass 442	13163	11.1	(20.1) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
E4P3923-IC3923	4P699304.D	11/19/25	19:36	03:21	Initial cal 1
E4P3923-IC3923	4P699305.D	11/19/25	20:00	03:45	Initial cal 2
E4P3923-IC3923	4P699306.D	11/19/25	20:24	04:09	Initial cal 5
E4P3923-IC3923	4P699307.D	11/19/25	20:49	04:34	Initial cal 10
E4P3923-IC3923	4P699308.D	11/19/25	21:13	04:58	Initial cal 25
E4P3923-ICC3923	4P699309.D	11/19/25	21:38	05:23	Initial cal 50
E4P3923-IC3923	4P699310.D	11/19/25	22:03	05:48	Initial cal 80
E4P3923-IC3923	4P699311.D	11/19/25	22:27	06:12	Initial cal 100
E4P3923-ICV3923	4P699313.D	11/19/25	23:16	07:01	Initial cal verification 50

Instrument Performance Check (DFTPP)

Job Number: JE26113
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample: E4P3929-DFTPP
Lab File ID: 4P699433.D
Instrument ID: GCMS4P
Injection Date: 12/05/25
Injection Time: 09:17

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	64312	51.6		Pass
68	Less than 2.0% of mass 69	0	0.00	(0.00) [a]	Pass
69	Mass 69 relative abundance	55812	44.8		Pass
70	Less than 2.0% of mass 69	352	0.28	(0.63) [a]	Pass
127	40.0 - 60.0% of mass 198	61882	49.6		Pass
197	Less than 1.0% of mass 198	0	0.00		Pass
198	Base peak, 100% relative abundance	124709	100.0		Pass
199	5.0 - 9.0% of mass 198	8548	6.85		Pass
275	10.0 - 30.0% of mass 198	29847	23.9		Pass
365	1.0 - 100.0% of mass 198	3323	2.66		Pass
441	Present, but less than mass 443	9532	7.64	(77.7) [b]	Pass
442	40.0 - 100.0% of mass 198	61965	49.7		Pass
443	17.0 - 23.0% of mass 442	12275	9.84	(19.8) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
E4P3929-IC3929	4P699434.D	12/05/25	09:35	00:18	Initial cal 1
E4P3929-IC3929	4P699435.D	12/05/25	10:00	00:43	Initial cal 2
E4P3929-IC3929	4P699436.D	12/05/25	10:25	01:08	Initial cal 5
E4P3929-IC3929	4P699437.D	12/05/25	10:49	01:32	Initial cal 10
E4P3929-IC3929	4P699438.D	12/05/25	11:15	01:58	Initial cal 25
E4P3929-ICC3929	4P699439.D	12/05/25	11:40	02:23	Initial cal 50
E4P3929-IC3929	4P699440.D	12/05/25	12:05	02:48	Initial cal 80
E4P3929-IC3929	4P699441.D	12/05/25	12:29	03:12	Initial cal 100
E4P3929-ICV3929	4P699442.D	12/05/25	12:53	03:36	Initial cal verification 50

Instrument Performance Check (DFTPP)

Job Number: JE26113
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample: E4P3952-DFTPP
Lab File ID: 4P699877.D
Instrument ID: GCMS4P
Injection Date: 01/02/26
Injection Time: 07:21

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	81768	47.5		Pass
68	Less than 2.0% of mass 69	0	0.00	(0.00) [a]	Pass
69	Mass 69 relative abundance	71144	41.3		Pass
70	Less than 2.0% of mass 69	508	0.30	(0.71) [a]	Pass
127	40.0 - 60.0% of mass 198	84544	49.1		Pass
197	Less than 1.0% of mass 198	0	0.00		Pass
198	Base peak, 100% relative abundance	172086	100.0		Pass
199	5.0 - 9.0% of mass 198	11670	6.78		Pass
275	10.0 - 30.0% of mass 198	39819	23.1		Pass
365	1.0 - 100.0% of mass 198	3698	2.15		Pass
441	Present, but less than mass 443	12948	7.52	(84.9) [b]	Pass
442	40.0 - 100.0% of mass 198	79059	45.9		Pass
443	17.0 - 23.0% of mass 442	15256	8.87	(19.3) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
E4P3952-CC3929	4P699878.D	01/02/26	07:35	00:14	Continuing cal 50
E4P3952-CC3923	4P699879.D	01/02/26	07:58	00:37	Continuing cal 50
E4P3952-CC3929	4P699880.D	01/02/26	08:21	01:00	Continuing cal 5
OP70176-MB1	4P699882.D	01/02/26	09:07	01:46	Method Blank
OP70176B-MB1	4P699882A.D	01/02/26	09:07	01:46	Method Blank
JE26113-5	4P699883.D	01/02/26	09:30	02:09	GWFB01_123025
OP70176B-BS1	4P699884A.D	01/02/26	09:54	02:33	Blank Spike
OP70176-BS1	4P699884.D	01/02/26	09:54	02:33	Blank Spike
OP70176-BSD	4P699885.D	01/02/26	10:17	02:56	Blank Spike Duplicate
OP70176B-BSD	4P699885A.D	01/02/26	10:17	02:56	Blank Spike Duplicate
JE26113-1	4P699886.D	01/02/26	10:40	03:19	GWDUP01_123025
JE26113-2	4P699887.D	01/02/26	11:04	03:43	MW02_123025
JE26113-3	4P699888.D	01/02/26	11:26	04:05	MW03_123025
JE26113-4	4P699889.D	01/02/26	11:50	04:29	MW07_123025
ZZZZZZ	4P699890.D	01/02/26	12:12	04:51	(unrelated sample)
OP70192B-MB1	4P699892.D	01/02/26	15:54	08:33	Method Blank
OP70192B-BS1	4P699893.D	01/02/26	16:17	08:56	Blank Spike
OP70192B-BSD	4P699894.D	01/02/26	16:40	09:19	Blank Spike Duplicate
ZZZZZZ	4P699895.D	01/02/26	17:03	09:42	(unrelated sample)

Instrument Performance Check (DFTPP)

Job Number: JE26113
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample:	E4P3952-DFTPP	**Injection Date:**	01/02/26
Lab File ID:	4P699877.D	**Injection Time:**	07:21
Instrument ID:	GCMS4P		

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
ZZZZZZ	4P699896.D	01/02/26	17:26	10:05	(unrelated sample)
ZZZZZZ	4P699897.D	01/02/26	17:49	10:28	(unrelated sample)

Instrument Performance Check (DFTPP)

Job Number: JE26113
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample:	ECR730-DFTPP	**Injection Date:**	12/10/25
Lab File ID:	CR15412.D	**Injection Time:**	17:11
Instrument ID:	GCMSCR		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	36746	37.3		Pass
68	Less than 2.0% of mass 69	0	0.00	(0.00) [a]	Pass
69	Mass 69 relative abundance	44672	45.4		Pass
70	Less than 2.0% of mass 69	118	0.12	(0.26) [a]	Pass
127	40.0 - 60.0% of mass 198	48754	49.5		Pass
197	Less than 1.0% of mass 198	0	0.00		Pass
198	Base peak, 100% relative abundance	98467	100.0		Pass
199	5.0 - 9.0% of mass 198	6547	6.65		Pass
275	10.0 - 31.0% of mass 198	24932	25.3		Pass
365	1.0 - 100.0% of mass 198	3128	3.18		Pass
441	Present, but less than mass 443	10339	10.5	(88.4) [b]	Pass
442	40.0 - 100.0% of mass 198	59683	60.6		Pass
443	17.0 - 23.0% of mass 442	11702	11.9	(19.6) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
ECR730-IC730	CR15413.D	12/10/25	17:21	00:10	Initial cal 1
ECR730-IC730	CR15414.D	12/10/25	17:41	00:30	Initial cal 2
ECR730-IC730	CR15415.D	12/10/25	18:00	00:49	Initial cal 5
ECR730-IC730	CR15416.D	12/10/25	18:20	01:09	Initial cal 10
ECR730-IC730	CR15417.D	12/10/25	18:39	01:28	Initial cal 25
ECR730-ICC730	CR15418.D	12/10/25	18:59	01:48	Initial cal 50
ECR730-IC730	CR15419.D	12/10/25	19:18	02:07	Initial cal 80
ECR730-IC730	CR15420.D	12/10/25	19:37	02:26	Initial cal 100
ECR730-IC730	CR15421.D	12/10/25	19:57	02:46	Initial cal 1
ECR730-IC730	CR15422.D	12/10/25	20:16	03:05	Initial cal 2
ECR730-IC730	CR15423.D	12/10/25	20:36	03:25	Initial cal 5
ECR730-IC730	CR15424.D	12/10/25	20:55	03:44	Initial cal 10
ECR730-IC730	CR15425.D	12/10/25	21:15	04:04	Initial cal 25
ECR730-IC730	CR15426.D	12/10/25	21:34	04:23	Initial cal 50
ECR730-IC730	CR15427.D	12/10/25	21:54	04:43	Initial cal 80
ECR730-IC730	CR15428.D	12/10/25	22:13	05:02	Initial cal 100
ECR730-ICV730	CR15429.D	12/10/25	22:32	05:21	Initial cal verification 50
ECR730-ICV730	CR15430.D	12/10/25	22:52	05:41	Initial cal verification 50

Surrogate Recovery Summary

Job Number: JE26113
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Method: SW846 8270E **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4	S5	S6
JE26113-1	CR15822.D	41	6* [a]	74	34	70	81
JE26113-1	4P699886.D	40	25	81	62	70	70
JE26113-2	4P699887.D	44	27	83	64	73	78
JE26113-3	CR15823.D	37	3* [a]	83	40	65	90
JE26113-3	4P699888.D	38	24	87	57	65	78
JE26113-4	CR15824.D	35	12	62	48	59	66
JE26113-4	4P699889.D	37	23	71	56	64	65
JE26113-5	4P699883.D	36	22	66	53	58	70
OP70176-BS1	4P699884.D	43	30	75	65	70	70
OP70176-BSD	4P699885.D	46	30	79	68	74	76
OP70176-MB1	4P699882.D	45	29	75	62	68	85

Surrogate Compounds	Recovery Limits
S1 = 2-Fluorophenol	10-71%
S2 = Phenol-d5	10-58%
S3 = 2,4,6-Tribromophenol	22-144%
S4 = Nitrobenzene-d5	28-118%
S5 = 2-Fluorobiphenyl	34-116%
S6 = Terphenyl-d14	10-127%

(a) Outside control limits due to dilution.

GC/LC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JE26113
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP70190-MB1	RL33878.D	1	12/31/25	AS	12/31/25	OP70190	GRL866

The QC reported here applies to the following samples: **Method:** SW846 8082A

JE26113-8

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.18	0.050	ug/l	
11104-28-2	Aroclor 1221	ND	0.18	0.096	ug/l	
11141-16-5	Aroclor 1232	ND	0.18	0.071	ug/l	
53469-21-9	Aroclor 1242	ND	0.18	0.040	ug/l	
12672-29-6	Aroclor 1248	ND	0.18	0.036	ug/l	
11097-69-1	Aroclor 1254	ND	0.18	0.068	ug/l	
11096-82-5	Aroclor 1260	ND	0.18	0.11	ug/l	
11100-14-4	Aroclor 1268	ND	0.18	0.063	ug/l	
37324-23-5	Aroclor 1262	ND	0.18	0.040	ug/l	
1336-36-3	Total PCBs	ND	0.18	0.036	ug/l	

CAS No.	Surrogate Recoveries		Limits
877-09-8	Tetrachloro-m-xylene	83%	50-150%
877-09-8	Tetrachloro-m-xylene	78%	50-150%
2051-24-3	Decachlorobiphenyl	47%* [a]	50-150%
2051-24-3	Decachlorobiphenyl	45%* [a]	50-150%

(a) Outside of in house control limits.

Method Blank Summary

Job Number: JE26113
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP70185-MB1	RL33934.D	1	01/02/26	MLC	12/31/25	OP70185	GRL867

The QC reported here applies to the following samples: **Method:** SW846 8082A

JE26113-7

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	20	8.5	ug/kg	
11104-28-2	Aroclor 1221	ND	20	6.7	ug/kg	
11141-16-5	Aroclor 1232	ND	20	17	ug/kg	
53469-21-9	Aroclor 1242	ND	20	12	ug/kg	
12672-29-6	Aroclor 1248	ND	20	4.3	ug/kg	
11097-69-1	Aroclor 1254	ND	20	2.2	ug/kg	
11096-82-5	Aroclor 1260	ND	20	6.9	ug/kg	
11100-14-4	Aroclor 1268	ND	20	2.0	ug/kg	
37324-23-5	Aroclor 1262	ND	20	1.7	ug/kg	
1336-36-3	Total PCBs	ND	20	1.7	ug/kg	

CAS No.	Surrogate Recoveries		Limits
877-09-8	Tetrachloro-m-xylene	85%	35-154%
877-09-8	Tetrachloro-m-xylene	78%	35-154%
2051-24-3	Decachlorobiphenyl	50%	24-176%
2051-24-3	Decachlorobiphenyl	47%	24-176%

Blank Spike Summary

Job Number: JE26113
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP70185-BS1	RL33935.D	1	01/02/26	MLC	12/31/25	OP70185	GRL867

The QC reported here applies to the following samples: **Method:** SW846 8082A

JE26113-7

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
12674-11-2	Aroclor 1016	40	36.8	92 [a]	64-128
11104-28-2	Aroclor 1221		ND		50-150
11141-16-5	Aroclor 1232		ND		50-150
53469-21-9	Aroclor 1242		ND		50-150
12672-29-6	Aroclor 1248		ND		50-150
11097-69-1	Aroclor 1254		ND		50-150
11096-82-5	Aroclor 1260	40	37.9	95 [a]	62-132
11100-14-4	Aroclor 1268		ND		50-150
37324-23-5	Aroclor 1262		ND		50-150
1336-36-3	Total PCBs		74.7		50-150

CAS No.	Surrogate Recoveries	BSP	Limits
877-09-8	Tetrachloro-m-xylene	82%	35-154%
877-09-8	Tetrachloro-m-xylene	73%	35-154%
2051-24-3	Decachlorobiphenyl	48%	24-176%
2051-24-3	Decachlorobiphenyl	46%	24-176%

(a) Reported from the 1st signal. The %D of the CCV on the 2nd signal exceeds the method criteria of 20%, so it being used for confirmation only.

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: JE26113
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP70190-BS1	RL33879.D	1	12/31/25	AS	12/31/25	OP70190	GRL866
OP70190-BSD	RL33880.D	1	12/31/25	AS	12/31/25	OP70190	GRL866

The QC reported here applies to the following samples: **Method:** SW846 8082A

JE26113-8

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	BSD ug/l	BSD %	RPD	Limits Rec/RPD
12674-11-2	Aroclor 1016	3.68	3.4	92 [a]	3.3	91 [a]	3 [a]	60-140/30
11104-28-2	Aroclor 1221		ND		ND		nc	60-140/30
11141-16-5	Aroclor 1232		ND		ND		nc	60-140/30
53469-21-9	Aroclor 1242		ND		ND		nc	60-140/30
12672-29-6	Aroclor 1248		ND		ND		nc	60-140/30
11097-69-1	Aroclor 1254		ND		ND		nc	60-140/30
11096-82-5	Aroclor 1260	3.68	3.6	98 [a]	3.5	96 [a]	3 [a]	60-140/30
11100-14-4	Aroclor 1268		ND		ND		nc	60-140/30
37324-23-5	Aroclor 1262		ND		ND		nc	60-140/30
1336-36-3	Total PCBs		7.1		6.9		3	60-140/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
877-09-8	Tetrachloro-m-xylene	91%	91%	50-150%
877-09-8	Tetrachloro-m-xylene	80%	81%	50-150%
2051-24-3	Decachlorobiphenyl	52%	50%	50-150%
2051-24-3	Decachlorobiphenyl	50%	49%* [b]	50-150%

(a) Reported from the 1st signal. The %D of the CCV on the 2nd signal exceeds the method criteria of 20%, so it being used for confirmation only.
(b) Outside of in house control limits.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JE26113
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP70185-MS	RL33936.D	1	01/02/26	MLC	12/31/25	OP70185	GRL867
OP70185-MSD	RL33937.D	1	01/02/26	MLC	12/31/25	OP70185	GRL867
JE26053-1	RL33938.D	1	01/02/26	MLC	12/31/25	OP70185	GRL867

The QC reported here applies to the following samples: **Method:** SW846 8082A

JE26113-7

CAS No.	Compound	JE26053-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
12674-11-2	Aroclor 1016	ND		41.7	38.3	92	44.2	40.1	91	5	26-163/38
11104-28-2	Aroclor 1221	ND			ND			ND		nc	50-150/30
11141-16-5	Aroclor 1232	ND			ND			ND		nc	50-150/30
53469-21-9	Aroclor 1242	ND			ND			ND		nc	50-150/30
12672-29-6	Aroclor 1248	ND			ND			ND		nc	10-235/18
11097-69-1	Aroclor 1254	22.6		41.7	22.4	0* [a]	44.2	31.3	20	33* [b]	10-214/28
11096-82-5	Aroclor 1260	ND		41.7	50.3	121	44.2	51.7	117	3	16-173/39
11100-14-4	Aroclor 1268	ND			ND			ND		nc	50-150/30
37324-23-5	Aroclor 1262	ND			ND			ND		nc	10-153/15
1336-36-3	Total PCBs	22.6			111			123		10	50-150/40

CAS No.	Surrogate Recoveries	MS	MSD	JE26053-1	Limits
877-09-8	Tetrachloro-m-xylene	72%	72%	72%	35-154%
877-09-8	Tetrachloro-m-xylene	67%	66%	66%	35-154%
2051-24-3	Decachlorobiphenyl	46%	42%	44%	24-176%
2051-24-3	Decachlorobiphenyl	57%	41%	51%	24-176%

(a) Outside of in house control limits.
(b) Analytical precision exceeds in-house control limits.

* = Outside of Control Limits.

Surrogate Recovery Summary

Job Number: JE26113
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Method: SW846 8082A **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]	S1 [b]	S2 [a]	S2 [b]
JE26113-8	RL33896.D	73	54	175* [c]	6167* [c]
OP70190-BS1	RL33879.D	91	80	52	50
OP70190-BSD	RL33880.D	91	81	50	49* [c]
OP70190-MB1	RL33878.D	83	78	47* [c]	45* [c]

Surrogate Compounds	Recovery Limits
S1 = Tetrachloro-m-xylene	50-150%
S2 = Decachlorobiphenyl	50-150%

(a) Recovery from GC signal #1
(b) Recovery from GC signal #2
(c) Outside of in house control limits.

Surrogate Recovery Summary

Job Number: JE26113
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Method: SW846 8082A **Matrix:** SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]	S1 [b]	S2 [a]	S2 [b]
JE26113-7	RL33945.D	76	69	48	63
OP70185-BS1	RL33935.D	82	73	48	46
OP70185-MB1	RL33934.D	85	78	50	47
OP70185-MS	RL33936.D	72	67	46	57
OP70185-MSD	RL33937.D	72	66	42	41

Surrogate Compounds	Recovery Limits
S1 = Tetrachloro-m-xylene	35-154%
S2 = Decachlorobiphenyl	24-176%

(a) Recovery from GC signal #1
(b) Recovery from GC signal #2

Metals Analysis

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JE26113
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59608
Matrix Type: AQUEOUS

Methods: SW846 6010D
Units: ug/l

Prep Date:				01/02/26		01/02/26	
Metal	RL	IDL	MDL	MB raw	MB final	MB raw	MB final
Aluminum	200	9.2	150	-3.3	<200	-10	<200
Antimony	6.0	2.8	4.7	0.70	<6.0	-0.90	<6.0
Arsenic	3.0	2.6	2.8	-0.90	<3.0	-0.60	<3.0
Barium	200	.2	13	-0.40	<200	-0.60	<200
Beryllium	1.0	.2	.5	-0.10	<1.0	-0.10	<1.0
Bismuth	20	2.5	8.6				
Boron	100	1.8	10				
Cadmium	3.0	.4	1	-0.60	<3.0	0.20	<3.0
Calcium	5000	13	99	11.8	<5000	4.9	<5000
Cerium	100						
Chromium	10	.7	2	0.0	<10	0.30	<10
Cobalt	50	.6	2.6	-0.70	<50	-0.70	<50
Copper	10	.7	5.9	0.40	<10	0.80	<10
Iron	100	3.3	32	6.0	<100	8.0	<100
Lead	3.0	2	1.8	1.2	<3.0	1.1	<3.0
Lithium	50	1.5	7.3				
Magnesium	5000	25	140	0.90	<5000	-7.9	<5000
Manganese	15	.1	1.4	0.20	<15	0.10	<15
Molybdenum	20	.6	3.6				
Nickel	10	.8	1.7	0.60	<10	-0.30	<10
Phosphorus	50	7	18				
Potassium	10000	35	200	9.2	<10000	19.9	<10000
Selenium	10	3.6	4.9	-1.1	<10	-2.9	<10
Silicon	200	2.2	32				
Silver	10	.6	6.1	0.90	<10	1.0	<10
Sodium	10000	14	570	61.2	<10000	44.1	<10000
Strontium	10	.1	2.7				
Sulfur	50	3.7	45				
Thallium	10	5.2	1.8	-0.30	<10	-1.7	<10
Tin	10	1.4	3.7	-0.80	<10	-0.50	<10
Titanium	10	.8	2.5				
Tungsten	50	1.3	40				
Vanadium	50	.5	1.8	0.10	<50	0.20	<50

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JE26113
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59608 Methods: SW846 6010D
Matrix Type: AQUEOUS Units: ug/l

Prep Date:					01/02/26		01/02/26
Metal	RL	IDL	MDL	MB raw	final	MB raw	final
Zinc	20	.3	6.9	1.1	<20	1.4	<20
Zirconium	10	.5	4.1				

Associated samples MP59608: JE26113-1, JE26113-2, JE26113-3, JE26113-4, JE26113-5, JE26113-8, JE26113-1F, JE26113-2F, JE26113-3F, JE26113-4F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JE26113
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59608
Matrix Type: AQUEOUS

Methods: SW846 6010D
Units: ug/l

Prep Date: 01/02/26

Metal	JE26113-1F Original	MS	Spikelot MPSPK2	% Rec	QC Limits
Aluminum	1220	25100	25000	95.5	75-125
Antimony	0.0	1950	2000	97.5	75-125
Arsenic	7.4	1960	2000	97.6	75-125
Barium	296	2200	2000	95.2	75-125
Beryllium	0.0	1910	2000	95.5	75-125
Bismuth					
Boron					
Cadmium	0.0	1960	2000	98.0	75-125
Calcium	223000	249000	25000	104.0	75-125
Cerium					
Chromium	4.2	1950	2000	97.3	75-125
Cobalt	1.4	1910	2000	95.4	75-125
Copper	8.2	2020	2000	100.5	75-125
Iron	4070	26700	25000	90.5	75-125
Lead	38.1	2080	2000	101.8	75-125
Lithium					
Magnesium	50700	69700	25000	90.4	75-125
Manganese	2210	4190	2000	98.0	75-125
Molybdenum	anr				
Nickel	20.7	1990	2000	98.5	75-125
Phosphorus					
Potassium	20300	43200	25000	91.6	75-125
Selenium	0.0	1990	2000	99.5	75-125
Silicon					
Silver	0.60	248	250	99.0	75-125
Sodium	446000	483000	25000	260.0(a)	75-125
Strontium					
Sulfur					
Thallium	0.0	1850	2000	92.5	75-125
Tin	15.0	1880	2000	93.1	75-125
Titanium					
Tungsten					
Vanadium	4.8	1980	2000	98.8	75-125

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JE26113
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59608
Matrix Type: AQUEOUS

Methods: SW846 6010D
Units: ug/l

Prep Date: 01/02/26

Metal	JE26113-1F Original	MS	Spikelot MPSPK2	% Rec	QC Limits
Zinc	19.5	1860	2000	91.9	75-125
Zirconium					

Associated samples MP59608: JE26113-1, JE26113-2, JE26113-3, JE26113-4, JE26113-5, JE26113-8, JE26113-1F, JE26113-2F, JE26113-3F, JE26113-4F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested
(a) Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JE26113
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59608
Matrix Type: AQUEOUS

Methods: SW846 6010D
Units: ug/l

Prep Date: 01/02/26

Metal	JE26113-1F Original	MSD	Spikelot MPSPK2	% Rec	MSD RPD	QC Limit
Aluminum	1220	26100	25000	99.5	3.9	20
Antimony	0.0	1990	2000	99.5	2.0	20
Arsenic	7.4	2010	2000	100.1	2.5	20
Barium	296	2270	2000	98.7	3.1	20
Beryllium	0.0	1960	2000	98.0	2.6	20
Bismuth						
Boron						
Cadmium	0.0	2010	2000	100.5	2.5	20
Calcium	223000	262000	25000	156.0(a)	10.9	20
Cerium						
Chromium	4.2	2030	2000	101.3	4.0	20
Cobalt	1.4	1950	2000	97.4	2.1	20
Copper	8.2	2080	2000	103.5	2.9	20
Iron	4070	26700	25000	90.5	0.0	20
Lead	38.1	2140	2000	104.8	2.8	20
Lithium						
Magnesium	50700	71900	25000	99.2	3.1	20
Manganese	2210	4580	2000	117.5	8.9	20
Molybdenum	anr					
Nickel	20.7	2030	2000	100.5	2.0	20
Phosphorus						
Potassium	20300	44100	25000	95.2	2.1	20
Selenium	0.0	2020	2000	101.0	1.5	20
Silicon						
Silver	0.60	254	250	101.4	2.4	20
Sodium	446000	498000	25000	320.0(a)	7.9	20
Strontium						
Sulfur						
Thallium	0.0	1880	2000	94.0	1.6	20
Tin	15.0	1930	2000	95.6	2.6	20
Titanium						
Tungsten						
Vanadium	4.8	2070	2000	103.3	4.4	20

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JE26113
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59608
Matrix Type: AQUEOUS

Methods: SW846 6010D
Units: ug/l

Prep Date: 01/02/26

Metal	JE26113-1F Original	MSD	Spikelot MPSPK2	% Rec	MSD RPD	QC Limit
Zinc	19.5	1890	2000	93.4	1.6	20
Zirconium						

Associated samples MP59608: JE26113-1, JE26113-2, JE26113-3, JE26113-4, JE26113-5, JE26113-8, JE26113-1F, JE26113-2F, JE26113-3F, JE26113-4F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested
(a) Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JE26113
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59608
Matrix Type: AQUEOUS

Methods: SW846 6010D
Units: ug/l

Prep Date:	01/02/26				01/02/26			
Metal	BSP Result	Spikelot MPSPK2	% Rec	QC Limits	BSP Result	Spikelot MPSPK2	% Rec	QC Limits
Aluminum	25200	25000	100.8	80-120	24800	25000	99.2	80-120
Antimony	2020	2000	101.0	80-120	1990	2000	99.5	80-120
Arsenic	2060	2000	103.0	80-120	2020	2000	101.0	80-120
Barium	2070	2000	103.5	80-120	2030	2000	101.5	80-120
Beryllium	2080	2000	104.0	80-120	2020	2000	101.0	80-120
Bismuth								
Boron								
Cadmium	2070	2000	103.5	80-120	2030	2000	101.5	80-120
Calcium	25500	25000	102.0	80-120	25100	25000	100.4	80-120
Cerium								
Chromium	2170	2000	108.5	80-120	2100	2000	105.0	80-120
Cobalt	2090	2000	104.5	80-120	2050	2000	102.5	80-120
Copper	2030	2000	101.5	80-120	1980	2000	99.0	80-120
Iron	25400	25000	101.6	80-120	25600	25000	102.4	80-120
Lead	2110	2000	105.5	80-120	2070	2000	103.5	80-120
Lithium								
Magnesium	25200	25000	100.8	80-120	25000	25000	100.0	80-120
Manganese	2160	2000	108.0	80-120	2080	2000	104.0	80-120
Molybdenum	anr							
Nickel	2150	2000	107.5	80-120	2110	2000	105.5	80-120
Phosphorus								
Potassium	24300	25000	97.2	80-120	24200	25000	96.8	80-120
Selenium	2070	2000	103.5	80-120	2040	2000	102.0	80-120
Silicon								
Silver	258	250	103.2	80-120	251	250	100.4	80-120
Sodium	24800	25000	99.2	80-120	24400	25000	97.6	80-120
Strontium								
Sulfur								
Thallium	1980	2000	99.0	80-120	1940	2000	97.0	80-120
Tin	2030	2000	101.5	80-120	1990	2000	99.5	80-120
Titanium								
Tungsten								
Vanadium	2140	2000	107.0	80-120	2070	2000	103.5	80-120

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JE26113
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59608
Matrix Type: AQUEOUS

Methods: SW846 6010D
Units: ug/l

Prep Date:			01/02/26				01/02/26	
Metal	BSP Result	Spikelot MPSPK2	% Rec	QC Limits	BSP Result	Spikelot MPSPK2	% Rec	QC Limits
Zinc	2120	2000	106.0	80-120	2050	2000	102.5	80-120
Zirconium								

Associated samples MP59608: JE26113-1, JE26113-2, JE26113-3, JE26113-4, JE26113-5, JE26113-8, JE26113-1F, JE26113-2F, JE26113-3F, JE26113-4F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: JE26113
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59608
Matrix Type: AQUEOUS

Methods: SW846 6010D
Units: ug/l

Prep Date: 01/02/26

Metal	JE26113-1F Original	SDL 1:5	%DIF	QC Limits
Aluminum	1220	1230	0.7	0-10
Antimony	0.00	0.00	NC	0-10
Arsenic	7.40	0.00	100.0(a)	0-10
Barium	296	300	1.2	0-10
Beryllium	0.00	0.00	NC	0-10
Bismuth				
Boron				
Cadmium	0.00	0.00	NC	0-10
Calcium	223000	233000	4.4	0-10
Cerium				
Chromium	4.20	5.70	23.9 (a)	0-10
Cobalt	1.40	0.00	100.0(a)	0-10
Copper	8.20	0.00	100.0(a)	0-10
Iron	4070	4370	7.2	0-10
Lead	38.1	0.00	100.0(a)	0-10
Lithium				
Magnesium	50700	49400	4.8	0-10
Manganese	2210	2200	1.5	0-10
Molybdenum	anr			
Nickel	20.7	22.6	9.2	0-10
Phosphorus				
Potassium	20300	20700	2.0	0-10
Selenium	0.00	0.00	NC	0-10
Silicon				
Silver	0.600	3.50	483.3(a)	0-10
Sodium	446000	489000	9.5	0-10
Strontium				
Sulfur				
Thallium	0.00	0.00	NC	0-10
Tin	15.0	11.7	36.8 (a)	0-10
Titanium				
Tungsten				
Vanadium	4.80	4.90	2.1	0-10

SERIAL DILUTION RESULTS SUMMARY

Login Number: JE26113
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59608
Matrix Type: AQUEOUS

Methods: SW846 6010D
Units: ug/l

Prep Date: 01/02/26

Metal	JE26113-1F Original	SDL 1:5	%DIF	QC Limits
Zinc	19.5	32.1	64.6*(b)	0-10
Zirconium				

Associated samples MP59608: JE26113-1, JE26113-2, JE26113-3, JE26113-4, JE26113-5, JE26113-8, JE26113-1F, JE26113-2F, JE26113-3F, JE26113-4F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
(b) Serial dilution indicates possible matrix interference.

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JE26113
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59610 Methods: SW846 7470A
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 12/31/25

Metal	RL	IDL	MDL	MB raw	final
Mercury	0.20	.04	.095	-0.064	<0.20

Associated samples MP59610: JE26113-1, JE26113-2, JE26113-3, JE26113-4, JE26113-8

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JE26113
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59610
Matrix Type: AQUEOUS

Methods: SW846 7470A
Units: ug/l

Prep Date: 12/31/25

Metal	JE26113-1 Original	MS	Spikelot HGPW3	% Rec	QC Limits
Mercury	0.54	3.3	2	138.0N(a	75-125

Associated samples MP59610: JE26113-1, JE26113-2, JE26113-3, JE26113-4, JE26113-8

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested
(a) Spike recovery indicates possible matrix interference.

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JE26113
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59610 Methods: SW846 7470A
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 12/31/25

Metal	JE26113-1 Original	MSD	Spikelot HGPW3	% Rec	MSD RPD	QC Limit
Mercury	0.54	3.5	2	148.0N(a	5.9	20

Associated samples MP59610: JE26113-1, JE26113-2, JE26113-3, JE26113-4, JE26113-8

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested
(a) Spike recovery indicates possible matrix interference.

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JE26113
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59610
Matrix Type: AQUEOUS

Methods: SW846 7470A
Units: ug/l

Prep Date: 12/31/25

Metal	BSP Result	Spikelot HGPW3	% Rec	QC Limits
Mercury	2.1	2	105.0	80-120

Associated samples MP59610: JE26113-1, JE26113-2, JE26113-3, JE26113-4, JE26113-8

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

POST DIGESTATE SPIKE SUMMARY

Login Number: JE26113
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59610
Matrix Type: AQUEOUS

Methods: SW846 7470A
Units: ug/l

Prep Date: 12/31/25

Metal	Sample ml	Final ml	JE26113-1 Raw	Corr.**	PS ug/l	Spike ml	Spike ug/ml	Spike ug/l	% Rec	QC Limits
Mercury	14	15	.5385	.5026	2.4715	1	30	2000	96.6	85-115

Associated samples MP59610: JE26113-1, JE26113-2, JE26113-3, JE26113-4, JE26113-8

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(**) Corr. sample result = Raw * (sample volume / final volume)
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JE26113
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59628
Matrix Type: AQUEOUS

Methods: SW846 7470A
Units: ug/l

Prep Date: 01/02/26

Metal	RL	IDL	MDL	MB raw	final
Mercury	0.20	.04	.095	-0.097	<0.20

Associated samples MP59628: JE26113-5, JE26113-1F, JE26113-2F, JE26113-3F, JE26113-4F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JE26113
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59628
Matrix Type: AQUEOUS

Methods: SW846 7470A
Units: ug/l

Prep Date: 01/02/26

Metal	JE26113-1F Original	MS	Spikelot HGPW3	% Rec	QC Limits
Mercury	0.0	2.5	2	125.0	75-125

Associated samples MP59628: JE26113-5, JE26113-1F, JE26113-2F, JE26113-3F, JE26113-4F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JE26113
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59628
Matrix Type: AQUEOUS

Methods: SW846 7470A
Units: ug/l

Prep Date: 01/02/26

Metal	JE26113-1F Original	MSD	Spikelot HGPW3	% Rec	MSD RPD	QC Limit
Mercury	0.0	2.4	2	120.0	4.1	20

Associated samples MP59628: JE26113-5, JE26113-1F, JE26113-2F, JE26113-3F, JE26113-4F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JE26113
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59628
Matrix Type: AQUEOUS

Methods: SW846 7470A
Units: ug/l

Prep Date: 01/02/26

Metal	BSP Result	Spikelot HGPW3	% Rec	QC Limits
Mercury	2.1	2	105.0	80-120

Associated samples MP59628: JE26113-5, JE26113-1F, JE26113-2F, JE26113-3F, JE26113-4F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

POST DIGESTATE SPIKE SUMMARY

Login Number: JE26113
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59628
Matrix Type: AQUEOUS

Methods: SW846 7470A
Units: ug/l

Prep Date: 01/02/26

Metal	Sample ml	Final ml	JE26113-1F Raw	JE26113-1F Corr.**	PS ug/l	Spike ml	Spike ug/ml	Spike ug/l	% Rec	QC Limits
Mercury	14	15			2.2095	1	30	2000	107.4	85-115

Associated samples MP59628: JE26113-5, JE26113-1F, JE26113-2F, JE26113-3F, JE26113-4F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(**) Corr. sample result = Raw * (sample volume / final volume)
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JE26113
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59637
Matrix Type: LEACHATE

Methods: SW846 6010D
Units: mg/l

Prep Date: 01/04/26

Metal	RL	IDL	MDL	MB raw	final
Aluminum	0.20	.027	.046		
Antimony	0.10	.0022	.0047		
Arsenic	0.10	.0013	.0028	0.00060	<0.10
Barium	0.20	.001	.013	0.0	<0.20
Beryllium	0.0020	.0002	.0005		
Bismuth	0.020	.0021	.004		
Boron	0.10	.001	.063		
Cadmium	0.0040	.0002	.001	-0.00010	<0.0040
Calcium	5.0	.0077	.099		
Chromium	0.010	.0005	.002	0.0	<0.010
Cobalt	0.050	.0004	.0026		
Copper	0.010	.0068	.0059		
Iron	0.10	.015	.032		
Lead	0.10	.0016	.0018	0.00090	<0.10
Lithium	0.050	.0037	.0073		
Magnesium	5.0	.054	.14		
Manganese	0.015	.0001	.0014		
Molybdenum	0.020	.0005	.0036		
Nickel	0.010	.0003	.0017		
Phosphorus	0.050	.0018	.018		
Potassium	10	.077	.2		
Selenium	0.10	.002	.0049	-0.00070	<0.10
Silicon	0.20	.0013	.1		
Silver	0.010	.0009	.0019	-0.00020	<0.010
Sodium	10	.023	.57		
Strontium	0.010	.0004	.001		
Sulfur	0.050	.0041	.045		
Thallium	0.10	.0016	.0018		
Tin	0.010	.0009	.0037		
Titanium	0.010	.0009	.0025		
Tungsten	0.050	.002	.04		
Vanadium	0.050	.0008	.0018		
Zinc	0.020	.0002	.0069		

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JE26113
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59637
Matrix Type: LEACHATE

Methods: SW846 6010D
Units: mg/l

Prep Date: 01/04/26

Metal	RL	IDL	MDL	MB raw	final
Zirconium	0.010	.0005	.0041		

Associated samples MP59637: JE26113-7

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JE26113
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59637
Matrix Type: LEACHATE

Methods: SW846 6010D
Units: mg/l

Prep Date: 01/04/26

Metal	JE26053-1 Original	MS	Spikelot MPSPK2	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic	0.0070	2.0	2.0	99.7	75-125
Barium	1.0	2.6	2.0	87.0	75-125
Beryllium	anr				
Bismuth					
Boron					
Cadmium	0.0056	1.9	2.0	94.7	75-125
Calcium					
Chromium	0.0	1.7	2.0	85.0	75-125
Cobalt					
Copper	anr				
Iron					
Lead	0.054	1.9	2.0	92.6	75-125
Lithium					
Magnesium					
Manganese					
Molybdenum					
Nickel	anr				
Phosphorus					
Potassium					
Selenium	0.016	2.1	2.0	104.5	75-125
Silicon					
Silver	0.0	0.28	0.25	112.0	75-125
Strontium					
Sulfur					
Thallium					
Tin					
Titanium					
Tungsten					
Vanadium					
Zinc	anr				
Zirconium					

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JE26113
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59637
Matrix Type: LEACHATE

Methods: SW846 6010D
Units: mg/l

Prep Date: 01/04/26

Metal	JE26053-1 Original MS	Spikelot MPSPK2	% Rec	QC Limits

Associated samples MP59637: JE26113-7

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JE26113
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59637
Matrix Type: LEACHATE

Methods: SW846 6010D
Units: mg/l

Prep Date: 01/04/26

Metal	JE26053-1 Original	MSD	Spikelot MPSPK2	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic	0.0070	1.9	2.0	94.7	5.1	20
Barium	1.0	2.7	2.0	92.0	3.8	20
Beryllium	anr					
Bismuth						
Boron						
Cadmium	0.0056	1.8	2.0	89.7	5.4	20
Calcium						
Chromium	0.0	1.7	2.0	85.0	0.0	20
Cobalt						
Copper	anr					
Iron						
Lead	0.054	1.9	2.0	92.6	0.0	20
Lithium						
Magnesium						
Manganese						
Molybdenum						
Nickel	anr					
Phosphorus						
Potassium						
Selenium	0.016	2.1	2.0	104.5	0.0	20
Silicon						
Silver	0.0	0.29	0.25	116.0	3.5	20
Strontium						
Sulfur						
Thallium						
Tin						
Titanium						
Tungsten						
Vanadium						
Zinc	anr					
Zirconium						

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JE26113
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59637 Methods: SW846 6010D
Matrix Type: LEACHATE Units: mg/l

Prep Date: 01/04/26

	JE26053-1	Spikelot		MSD	QC
Metal	Original MSD	MPSPK2	% Rec	RPD	Limit

Associated samples MP59637: JE26113-7

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JE26113
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59637
Matrix Type: LEACHATE

Methods: SW846 6010D
Units: mg/l

Prep Date:			01/04/26				01/04/26	
Metal	BSP Result	Spikelot MPSPK2	% Rec	QC Limits	BSP Result	Spikelot MPSPK2	% Rec	QC Limits
Aluminum								
Antimony								
Arsenic	1.7	2.0	85.0	80-120	1.9	2.0	95.0	80-120
Barium	1.8	2.0	90.0	80-120	1.8	2.0	90.0	80-120
Beryllium	anr							
Bismuth								
Boron								
Cadmium	1.7	2.0	85.0	80-120	1.9	2.0	95.0	80-120
Calcium								
Chromium	1.8	2.0	90.0	80-120	1.8	2.0	90.0	80-120
Cobalt								
Copper	anr							
Iron								
Lead	1.8	2.0	90.0	80-120	1.9	2.0	95.0	80-120
Lithium								
Magnesium								
Manganese								
Molybdenum								
Nickel	anr							
Phosphorus								
Potassium								
Selenium	1.8	2.0	90.0	80-120	2.0	2.0	100.0	80-120
Silicon								
Silver	0.25	0.25	100.0	80-120	0.27	0.25	108.0	80-120
Sodium								
Strontium								
Sulfur								
Thallium								
Tin								
Titanium								
Tungsten								
Vanadium								
Zinc	anr							

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JE26113
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59637
Matrix Type: LEACHATE

Methods: SW846 6010D
Units: mg/l

Prep Date:				01/04/26				01/04/26
Metal	BSP Result	Spikelot MPSPK2	% Rec	QC Limits	BSP Result	Spikelot MPSPK2	% Rec	QC Limits
Zirconium								

Associated samples MP59637: JE26113-7

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JE26113
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59637
Matrix Type: LEACHATE

Methods: SW846 6010D
Units: mg/l

Prep Date: 01/04/26

Metal	BSP Result	Spikelot MPSPK2	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic	1.8	2.0	90.0	80-120
Barium	1.7	2.0	85.0	80-120
Beryllium	anr			
Bismuth				
Boron				
Cadmium	1.8	2.0	90.0	80-120
Calcium				
Chromium	1.8	2.0	90.0	80-120
Cobalt				
Copper	anr			
Iron				
Lead	1.8	2.0	90.0	80-120
Lithium				
Magnesium				
Manganese				
Molybdenum				
Nickel	anr			
Phosphorus				
Potassium				
Selenium	1.8	2.0	90.0	80-120
Silicon				
Silver	0.25	0.25	100.0	80-120
Sodium				
Strontium				
Sulfur				
Thallium				
Tin				
Titanium				
Tungsten				
Vanadium				
Zinc	anr			

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JE26113
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59637
Matrix Type: LEACHATE

Methods: SW846 6010D
Units: mg/l

Prep Date: 01/04/26

Metal	BSP Result	Spikelot MPSPK2	% Rec	QC Limits
Zirconium				

Associated samples MP59637: JE26113-7

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: JE26113
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59637
Matrix Type: LEACHATE

Methods: SW846 6010D
Units: ug/l

Prep Date: 01/04/26

Metal	JE26053-1 Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic	7.00	13.7	95.7 (a)	0-10
Barium	1040	826	4.1	0-10
Beryllium	anr			
Bismuth				
Boron				
Cadmium	5.60	9.90	90.4 (a)	0-10
Calcium				
Chromium	0.00	0.00	NC	0-10
Cobalt				
Copper	anr			
Iron				
Lead	53.5	52.0	5.5	0-10
Lithium				
Magnesium				
Manganese				
Molybdenum				
Nickel	anr			
Phosphorus				
Potassium				
Selenium	15.8	25.3	169.1(a)	0-10
Silicon				
Silver	0.00	0.00	NC	0-10
Strontium				
Sulfur				
Thallium				
Tin				
Titanium				
Tungsten				
Vanadium				
Zinc	anr			
Zirconium				

SERIAL DILUTION RESULTS SUMMARY

Login Number: JE26113
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59637
Matrix Type: LEACHATE

Methods: SW846 6010D
Units: ug/l

Prep Date: 01/04/26

Metal	JE26053-1 Original SDL 1:5	%DIF	QC Limits

Associated samples MP59637: JE26113-7

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JE26113
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59647 Methods: SW846 7470A
Matrix Type: LEACHATE Units: mg/l

Prep Date: 01/05/26

Metal	RL	IDL	MDL	MB raw	final
Mercury	0.00020	.00004	.000095	-0.000017	<0.00020

Associated samples MP59647: JE26113-7

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JE26113
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59647
Matrix Type: LEACHATE

Methods: SW846 7470A
Units: mg/l

Prep Date: 01/05/26

Metal	JE26053-1 Original	MS	Spikelot HGPW3	% Rec	QC Limits
Mercury	0.0	0.0020	0.0020	100.0	75-125

Associated samples MP59647: JE26113-7

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JE26113
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59647 Methods: SW846 7470A
Matrix Type: LEACHATE Units: mg/l

Prep Date: 01/05/26

Metal	JE26053-1 Original	MSD	Spikelot HGPW3	% Rec	MSD RPD	QC Limit
Mercury	0.0	0.0021	0.0020	105.0	4.9	20

Associated samples MP59647: JE26113-7

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JE26113
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59647
Matrix Type: LEACHATE

Methods: SW846 7470A
Units: mg/l

Prep Date:			01/05/26				01/05/26	
Metal	BSP Result	Spikelot HGPW3	% Rec	QC Limits	BSP Result	Spikelot HGPW3	% Rec	QC Limits
Mercury	0.0020	0.0020	100.0	80-120	0.0020	0.0020	100.0	80-120

Associated samples MP59647: JE26113-7

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

General Chemistry

QC Data Summaries

Includes the following where applicable:

- Method Blank and Blank Spike Summaries
- Duplicate Summaries
- Matrix Spike Summaries

METHOD BLANK AND SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: JE26113
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Chromium, Hexavalent	GN77838	0.010	0.0	mg/l	0.150	0.148	98.7	90-110%
Cyanide	GP66702/GN77903	0.010	0.0	mg/l	0.2	0.206	103.0	90-110%
Total Organic Halides	GP66839/GN78050	20	0.0	mg/kg	200	203	101.5	74-127%

Associated Samples:
Batch GN77838: JE26113-1, JE26113-2, JE26113-3, JE26113-4, JE26113-5
Batch GP66702: JE26113-1, JE26113-2, JE26113-3, JE26113-4, JE26113-5
Batch GP66839: JE26113-7
(*) Outside of QC limits

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: JE26113
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Chromium, Hexavalent	GN77838	JE26113-1	mg/l	0.0	0.0	0.0	0-20%
Cyanide	GP66702/GN77903	JE26052-4	mg/l	0.062	0.059	5.0	0-32%
Solids, Percent	GN77856	JE26110-1	%	83.8	82.3	1.8	0-10%

Associated Samples:
Batch GN77838: JE26113-1, JE26113-2, JE26113-3, JE26113-4, JE26113-5
Batch GN77856: JE26113-7
Batch GP66702: JE26113-1, JE26113-2, JE26113-3, JE26113-4, JE26113-5
(*) Outside of QC limits

MATRIX SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: JE26113
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MS Result	%Rec	QC Limits
Chromium, Hexavalent	GN77838	JE26113-1	mg/l	0.0	0.150	0.14	93.3	85-115%
Cyanide	GP66702/GN77903	JE26052-4	mg/l	0.062	0.2	0.25	94.0	90-110%
Total Organic Halides	GP66839/GN78050	DA78198-1	mg/kg	40.1	235	214	74.0	45-159%

Associated Samples:
Batch GN77838: JE26113-1, JE26113-2, JE26113-3, JE26113-4, JE26113-5
Batch GP66702: JE26113-1, JE26113-2, JE26113-3, JE26113-4, JE26113-5
Batch GP66839: JE26113-7
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits

MATRIX SPIKE DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: JE26113
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MSD Result	RPD	QC Limit
Total Organic Halides	GP66839/GN78050	DA78198-1	mg/kg	40.1	235	214	0.0	20%

Associated Samples:
Batch GP66839: JE26113-7
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits

The results set forth herein are provided by SGS North America Inc.

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Automated Report

Technical Report for

Langan Engineering & Environmental

252 3rd Street, Brooklyn, NY

170970401

SGS Job Number: JE25794

Sampling Date: 12/22/25



Report to:

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ATTN: Elizabeth Adkins

Total number of pages in report: 122

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable unless noted in the narrative, comments or footnotes.

Olga Azarian
Technical Director

Client Service contact: Carin Ferris 732-329-0200
Certifications: NJ(12129),NY(10983),CA,CO,CT,FL,HI,IL,IN,KY,LA (120428),MA,MD,ME,MN,NC,NH,NV, AK (UST-103),AZ (AZ0786),PA(68-00408),RI,SC,TX (T104704234),UT,VA,WA,WV

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SGS North America Inc.

Sample Summary

Langan Engineering & Environmental

Job No: JE25794

252 3rd Street, Brooklyn, NY
Project No: 170970401

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
This report contains results reported as ND = Not detected. The following applies: Organics ND = Not detected above the MDL							
JE25794-1	12/22/25	10:30	LC	12/22/25	SO	Soil	SB01_2-4
JE25794-2	12/22/25	12:02	LC	12/22/25	SO	Soil	SB04_2-4
JE25794-3	12/22/25	13:15	LC	12/22/25	SO	Soil	SB02_1-3
JE25794-4	12/22/25	14:50	LC	12/22/25	SO	Soil	SB07_2-4
JE25794-5	12/22/25	00:00	LC	12/22/25	SO	Soil	DUP01_122225
JE25794-6	12/22/25	15:15	LC	12/22/25	SO	Soil	SB03_1-3

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

CASE NARRATIVE / CONFORMANCE SUMMARY

Client:	Langan Engineering & Environmental	**Job No:**	JE25794
Site:	252 3rd Street, Brooklyn, NY	**Report Date**	1/5/2026 9:51:19 AM

On 12/22/2025, 6 sample(s), 0 Trip Blank(s), 0 Equip. Blank(s) and 0 Field Blank(s) were received at SGS North America Inc. (SGS) at a temperature of 2.2 °C. The samples were intact and properly preserved, unless noted below. An SGS Job Number of JE25794 was assigned to the project. The lab sample ID, client sample ID, and date of sample collection are detailed in the report's Results Summary.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

MS Volatiles By Method SW846 8260D

Matrix: SO **Batch ID:** V3C8564

- All samples were analyzed within the recommended method holding time.
- Sample(s) JE25794-1MS, JE25794-2DUP, JE25794-1MS were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- The blank spike (BS) recovery(s) of Bromomethane are outside control limits.
- The matrix spike (MS) recovery(s) of 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, Chlorobenzene, cis-1,3-Dichloropropene, Styrene, trans-1,3-Dichloropropene are outside control limits. Outside control limits due to matrix interference.
- The duplicate RPD(s) for Acetone are outside control limits for sample JE25794-2DUP. RPD acceptable due to low DUP and sample concentrations.
- JE25794-5 for Acetone: Associated CCV outside of control limits high.
- JE25794-6 for Chloroethane: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JE25794-6 for Bromomethane: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JE25794-5 for Bromomethane: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JE25794-4 for Chloroethane: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JE25794-5 for Chloroethane: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JE25794-6 for Acetone: Associated CCV outside of control limits high.
- V3C8564-BS for Bromomethane: Outside of in house control limits, but within the marginal exceedance limits.
- JE25794-1 for Acetone: Associated CCV outside of control limits high, sample was ND.
- JE25794-1 for Bromomethane: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JE25794-2 for Acetone: Associated CCV outside of control limits high.
- JE25794-2 for Bromomethane: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JE25794-4 for Bromomethane: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JE25794-2 for Chloroethane: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JE25794-3 for Acetone: Associated CCV outside of control limits high, sample was ND.
- JE25794-3 for Bromomethane: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

MS Volatiles By Method SW846 8260D

Matrix: SO **Batch ID:** V3C8564

- JE25794-3 for Chloroethane: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JE25794-4 for Acetone: Associated CCV outside of control limits high, sample was ND.
- JE25794-1 for Chloroethane: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

MS Semi-volatiles By Method SW846 8270E

Matrix: SO **Batch ID:** OP70034

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- Sample(s) JE25790-1MS, JE25790-1MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- The matrix spike (MS) recovery(s) of 2,4-Dinitrophenol, 4,6-Dinitro-o-cresol are outside control limits. Probable cause due to matrix interference.
- The matrix spike duplicate (MSD) recovery(s) of 2,4-Dinitrophenol, 4,6-Dinitro-o-cresol, Pentachlorophenol are outside control limits. Probable cause due to matrix interference.
- Sample(s) JE25794-1, JE25794-6 have surrogates outside control limits. Probable cause due to matrix interference.
- JE25794-2 for Pentachlorophenol: Associated CCV outside of control limits high, sample was ND.
- JE25794-3 for 3,3'-Dichlorobenzidine: Associated CCV outside of control limits high, sample was ND.
- JE25794-1 for 2,4-Dinitrophenol: Associated CCV outside of control limits high, sample was ND.
- JE25794-1 for 2-Nitrophenol: Associated CCV outside of control limits high, sample was ND.
- JE25794-1 for 3,3'-Dichlorobenzidine: Associated CCV outside of control limits high, sample was ND.
- JE25794-1 for 4,6-Dinitro-o-cresol: Associated CCV outside of control limits high, sample was ND.
- JE25794-1 for Hexachlorocyclopentadiene: Associated CCV outside of control limits high, sample was ND.
- JE25794-1 for Pentachlorophenol: Associated CCV outside of control limits high, sample was ND.
- JE25794-2 for 2,4-Dinitrophenol: Associated CCV outside of control limits high, sample was ND.
- JE25794-2 for 2-Nitrophenol: Associated CCV outside of control limits high, sample was ND.
- JE25794-2 for 3,3'-Dichlorobenzidine: Associated CCV outside of control limits high, sample was ND.
- JE25794-2 for 4,6-Dinitro-o-cresol: Associated CCV outside of control limits high, sample was ND.
- JE25794-2 for Hexachlorocyclopentadiene: Associated CCV outside of control limits high, sample was ND.
- JE25794-5 for 3,3'-Dichlorobenzidine: Associated CCV outside of control limits high, sample was ND.
- JE25794-6 for 2-Fluorophenol: Outside control limits due to dilution.
- JE25794-1 for Phenol-d5: Outside control limits due to dilution and matrix interference.
- JE25794-1 for 2-Fluorophenol: Outside control limits due to dilution and matrix interference.
- JE25794-6 for Pentachlorophenol: Associated CCV outside of control limits high, sample was ND.
- JE25794-6 for Hexachlorocyclopentadiene: Associated CCV outside of control limits high, sample was ND.
- JE25794-6 for 4,6-Dinitro-o-cresol: Associated CCV outside of control limits high, sample was ND.
- JE25794-6 for 3,3'-Dichlorobenzidine: Associated CCV outside of control limits high, sample was ND.
- JE25794-6 for 2-Nitrophenol: Associated CCV outside of control limits high, sample was ND.
- JE25794-6 for 2,4-Dinitrophenol: Associated CCV outside of control limits high, sample was ND.
- JE25794-5 for Pentachlorophenol: Associated CCV outside of control limits high, sample was ND.
- JE25794-3 for 2,4-Dinitrophenol: Associated CCV outside of control limits high, sample was ND.
- JE25794-5 for 4,6-Dinitro-o-cresol: Associated CCV outside of control limits high, sample was ND.
- JE25794-5 for 2-Nitrophenol: Associated CCV outside of control limits high, sample was ND.
- JE25794-3 for Hexachlorocyclopentadiene: Associated CCV outside of control limits high, sample was ND.
- JE25794-3 for Pentachlorophenol: Associated CCV outside of control limits high, sample was ND.
- JE25794-4 for 2-Nitrophenol: Associated CCV outside of control limits high, sample was ND.
- JE25794-4 for 3,3'-Dichlorobenzidine: Associated CCV outside of control limits high, sample was ND.
- JE25794-4 for 4,6-Dinitro-o-cresol: Associated CCV outside of control limits high, sample was ND.
- JE25794-4 for Hexachlorocyclopentadiene: Associated CCV outside of control limits high, sample was ND.

MS Semi-volatiles By Method SW846 8270E

Matrix: SO **Batch ID:** OP70034

- JE25794-5 for Hexachlorocyclopentadiene: Associated CCV outside of control limits high, sample was ND.
- JE25794-5 for 2,4-Dinitrophenol: Associated CCV outside of control limits high, sample was ND.
- JE25794-4 for 2,4-Dinitrophenol: Associated CCV outside of control limits high, sample was ND.
- JE25794-3 for 4,6-Dinitro-o-cresol: Associated CCV outside of control limits high, sample was ND.
- JE25794-3 for 2-Nitrophenol: Associated CCV outside of control limits high, sample was ND.
- JE25794-4 for Pentachlorophenol: Associated CCV outside of control limits high, sample was ND.

GC/LC Semi-volatiles By Method SW846 8082A

Matrix: SO **Batch ID:** OP70047

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JE25794-1MS, JE25794-1MSD, OP70047-MSMSD were used as the QC samples indicated.

Metals Analysis By Method SW846 6010D

Matrix:	SO	Batch ID:	MP59508

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JE25794-6MSD, JE25794-6SDL, JE25794-6MSD were used as the QC samples for the metals analysis.
- The matrix spike (MS) recovery(s) of Magnesium, Antimony, Silver are outside control limits. Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.
- The matrix spike duplicate (MSD) recovery(s) of Barium, Antimony are outside control limits. Probable cause due to matrix interference.
- The matrix spike (MS) recovery(s) of Zinc, Aluminum, Calcium, Copper, Iron, Lead, Manganese are outside control limits. Ca, FE, Cu, PB, Zn high. needs post spike straight and on dilution
- The RPD(s) for the MS and MSD recoveries of Antimony, Copper are outside control limits for sample MP59508-S2. High rpd due to possible sample nonhomogeneity.
- The serial dilution RPD(s) for Antimony, Arsenic, Cadmium, Selenium, Silver, Thallium, Beryllium, Cobalt, Vanadium are outside control limits for sample MP59508-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
- MP59508-S1 for Calcium: Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.
- JE25794-6 for Antimony: Elevated detection limit due to dilution required for high interfering element.
- JE25794-2 for Antimony: Elevated detection limit due to dilution required for high interfering element.
- MP59508-SD1 for Vanadium: Serial dilution indicates possible matrix interference.
- JE25794-2 for Selenium: Elevated detection limit due to dilution required for high interfering element.
- JE25794-2 for Cadmium: Elevated detection limit due to dilution required for high interfering element.
- MP59508-S1 for Zinc: Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.
- JE25794-2 for Thallium: Elevated detection limit due to dilution required for high interfering element.
- JE25794-2 for Silver: Elevated detection limit due to dilution required for high interfering element.
- JE25794-2 for Nickel: Elevated detection limit due to dilution required for high interfering element.
- JE25794-2 for Lead: Elevated detection limit due to dilution required for high interfering element.
- JE25794-2 for Manganese: Elevated detection limit due to dilution required for high interfering element.
- JE25794-2 for Calcium: Elevated detection limit due to dilution required for high interfering element.
- JE25794-2 for Arsenic: Elevated detection limit due to dilution required for high interfering element.

Metals Analysis By Method SW846 7471B

Matrix:	SO	Batch ID:	MP59510

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JE25718-1MS, JE25718-1MSD were used as the QC samples for the metals analysis.

General Chemistry By Method SM2540 G 18TH ED MOD

Matrix:	SO	Batch ID:	GN77638

- Sample(s) JE25794-1DUP were used as the QC samples for the Solids, Percent analysis.

General Chemistry By Method SW846 3060A/7196A

Matrix: SO **Batch ID:** GP66633

- All samples were prepared within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JE25844-2DUP, JE25844-2MS were used as the QC samples for the Chromium, Hexavalent analysis.
- The matrix spike (MS) recovery(s) of Chromium, Hexavalent are outside control limits. Insoluble XCR matrix spike recovery indicates possible matrix interference. See additional comments on soluble matrix spike recovery.
- GP66633-S1 for Chromium, Hexavalent: Soluble XCR matrix spike recovery indicates possible matrix interference. Low post spike recovery (50_%) on this sample. Low pH adjusted post spike (50.4%). Good agreement between the sample and 1:5 dilution.

General Chemistry By Method SW846 6010/7196A M

Matrix: SO **Batch ID:** R221319

- The data for SW846 6010/7196A M meets quality control requirements.
- JE25794-6 for Chromium, Trivalent: Calculated as: (Chromium) - (Chromium, Hexavalent). Detection limit raised due to variations in the total and hexavalent chromium.

Matrix: SO **Batch ID:** R221320

- The data for SW846 6010/7196A M meets quality control requirements.
- JE25794-1 for Chromium, Trivalent: Calculated as: (Chromium) - (Chromium, Hexavalent)

Matrix: SO **Batch ID:** R221321

- The data for SW846 6010/7196A M meets quality control requirements.
- JE25794-2 for Chromium, Trivalent: Calculated as: (Chromium) - (Chromium, Hexavalent)

Matrix: SO **Batch ID:** R221322

- The data for SW846 6010/7196A M meets quality control requirements.
- JE25794-3 for Chromium, Trivalent: Calculated as: (Chromium) - (Chromium, Hexavalent)

Matrix: SO **Batch ID:** R221323

- The data for SW846 6010/7196A M meets quality control requirements.
- JE25794-4 for Chromium, Trivalent: Calculated as: (Chromium) - (Chromium, Hexavalent)

Matrix: SO **Batch ID:** R221324

- The data for SW846 6010/7196A M meets quality control requirements.
- JE25794-5 for Chromium, Trivalent: Calculated as: (Chromium) - (Chromium, Hexavalent)

General Chemistry By Method SW846 9012B/LACHAT

Matrix: SO **Batch ID:** GP66568

- All samples were prepared within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JE24843-5RDUP, JE25794-2MS were used as the QC samples for the Cyanide analysis.

SGS certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting SGS's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

SGS is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. This report is authorized by SGS indicated via signature on the report cover.

Summary of Hits

Job Number: JE25794
Account: Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY
Collected: 12/22/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JE25794-1	**SB01_2-4**					
Carbon disulfide		0.75 J	2.7	0.72	ug/kg	SW846 8260D
Acenaphthene		115	39	14	ug/kg	SW846 8270E
Acenaphthylene		909	39	20	ug/kg	SW846 8270E
Anthracene		367	39	24	ug/kg	SW846 8270E
Benzo(a)anthracene		1530	39	11	ug/kg	SW846 8270E
Benzo(a)pyrene		1690	39	18	ug/kg	SW846 8270E
Benzo(b)fluoranthene		1630	39	17	ug/kg	SW846 8270E
Benzo(g,h,i)perylene		1810	39	20	ug/kg	SW846 8270E
Benzo(k)fluoranthene		556	39	18	ug/kg	SW846 8270E
Carbazole		89.1	79	5.7	ug/kg	SW846 8270E
Chrysene		1210	39	12	ug/kg	SW846 8270E
Dibenzo(a,h)anthracene		190	39	17	ug/kg	SW846 8270E
Dibenzofuran		81.6	79	16	ug/kg	SW846 8270E
Fluoranthene		3450	39	18	ug/kg	SW846 8270E
Fluorene		139	39	18	ug/kg	SW846 8270E
Indeno(1,2,3-cd)pyrene		961	39	18	ug/kg	SW846 8270E
2-Methylnaphthalene		241	39	8.9	ug/kg	SW846 8270E
Naphthalene		117	39	11	ug/kg	SW846 8270E
Phenanthrene		1110	39	13	ug/kg	SW846 8270E
Pyrene		6110	200	63	ug/kg	SW846 8270E
Aroclor 1254		6.8 J	23	2.5	ug/kg	SW846 8082A
Total PCBs		7.3 J	23	1.9	ug/kg	SW846 8082A
Aluminum		3410	57		mg/kg	SW846 6010D
Arsenic		12.7	2.3		mg/kg	SW846 6010D
Barium		184	23		mg/kg	SW846 6010D
Beryllium		0.50	0.23		mg/kg	SW846 6010D
Calcium		27500	2800		mg/kg	SW846 6010D
Chromium		15.8	1.1		mg/kg	SW846 6010D
Cobalt		6.3	5.7		mg/kg	SW846 6010D
Copper		43.6	2.8		mg/kg	SW846 6010D
Iron		10600	57		mg/kg	SW846 6010D
Lead		198	2.3		mg/kg	SW846 6010D
Magnesium		1910	570		mg/kg	SW846 6010D
Manganese		158	1.7		mg/kg	SW846 6010D
Mercury		0.74	0.034		mg/kg	SW846 7471B
Nickel		19.2	4.5		mg/kg	SW846 6010D
Vanadium		12.0	5.7		mg/kg	SW846 6010D
Zinc		130	5.7		mg/kg	SW846 6010D
Chromium, Trivalent [a]		15.8	1.6		mg/kg	SW846 6010/7196A M
Cyanide		1.0	0.26		mg/kg	SW846 9012B/LACHAT

Summary of Hits

Job Number: JE25794
Account: Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY
Collected: 12/22/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JE25794-2	**SB04_2-4**					
Acetone [b]		23.5	9.6	4.0	ug/kg	SW846 8260D
Anthracene		105	35	22	ug/kg	SW846 8270E
Benzo(a)anthracene		218	35	9.9	ug/kg	SW846 8270E
Benzo(a)pyrene		233	35	16	ug/kg	SW846 8270E
Benzo(b)fluoranthene		354	35	16	ug/kg	SW846 8270E
Benzo(g,h,i)perylene		255	35	18	ug/kg	SW846 8270E
Benzo(k)fluoranthene		89.0	35	16	ug/kg	SW846 8270E
Butyl benzyl phthalate		495	70	8.6	ug/kg	SW846 8270E
Chrysene		237	35	11	ug/kg	SW846 8270E
bis(2-Ethylhexyl)phthalate		204	70	8.2	ug/kg	SW846 8270E
Fluoranthene		470	35	16	ug/kg	SW846 8270E
Indeno(1,2,3-cd)pyrene		197	35	16	ug/kg	SW846 8270E
Phenanthrene		290	35	12	ug/kg	SW846 8270E
Pyrene		401	35	11	ug/kg	SW846 8270E
Aroclor 1254		131	20	2.2	ug/kg	SW846 8082A
Aroclor 1260		43.1	20	7.0	ug/kg	SW846 8082A
Total PCBs		174	20	1.7	ug/kg	SW846 8082A
Aluminum		20800	51		mg/kg	SW846 6010D
Arsenic [c]		10.9	10		mg/kg	SW846 6010D
Barium		800	21		mg/kg	SW846 6010D
Beryllium		26.4	0.21		mg/kg	SW846 6010D
Calcium [c]		42700	2600		mg/kg	SW846 6010D
Chromium		273	1.0		mg/kg	SW846 6010D
Cobalt		185	5.1		mg/kg	SW846 6010D
Copper		5010	26		mg/kg	SW846 6010D
Iron		154000	510		mg/kg	SW846 6010D
Lead [c]		3900	10		mg/kg	SW846 6010D
Magnesium		10100	510		mg/kg	SW846 6010D
Manganese [c]		1340	7.7		mg/kg	SW846 6010D
Mercury		0.061	0.028		mg/kg	SW846 7471B
Nickel [c]		2380	21		mg/kg	SW846 6010D
Potassium		1260	1000		mg/kg	SW846 6010D
Silver [c]		9.4	2.6		mg/kg	SW846 6010D
Sodium		1660	1000		mg/kg	SW846 6010D
Vanadium		20.6	5.1		mg/kg	SW846 6010D
Zinc		10600	100		mg/kg	SW846 6010D
Chromium, Trivalent [a]		273	1.4		mg/kg	SW846 6010/7196A M
Cyanide		1.5	0.25		mg/kg	SW846 9012B/LACHAT
JE25794-3	**SB02_1-3**					
Anthracene		55.4	35	22	ug/kg	SW846 8270E
Benzo(a)anthracene		303	35	10	ug/kg	SW846 8270E

Summary of Hits

Job Number: JE25794
Account: Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY
Collected: 12/22/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Benzo(a)pyrene		344	35	16	ug/kg	SW846 8270E
Benzo(b)fluoranthene		489	35	16	ug/kg	SW846 8270E
Benzo(g,h,i)perylene		301	35	18	ug/kg	SW846 8270E
Benzo(k)fluoranthene		132	35	17	ug/kg	SW846 8270E
Chrysene		309	35	11	ug/kg	SW846 8270E
Dibenzo(a,h)anthracene		75.1	35	16	ug/kg	SW846 8270E
bis(2-Ethylhexyl)phthalate		411	71	8.3	ug/kg	SW846 8270E
Fluoranthene		562	35	16	ug/kg	SW846 8270E
Indeno(1,2,3-cd)pyrene		239	35	17	ug/kg	SW846 8270E
Phenanthrene		196	35	12	ug/kg	SW846 8270E
Pyrene		517	35	11	ug/kg	SW846 8270E
Aroclor 1254		120	22	2.3	ug/kg	SW846 8082A
Aroclor 1260		116	22	7.5	ug/kg	SW846 8082A
Total PCBs		236	22	1.8	ug/kg	SW846 8082A
Aluminum		10700	54		mg/kg	SW846 6010D
Arsenic		6.0	2.2		mg/kg	SW846 6010D
Barium		276	22		mg/kg	SW846 6010D
Beryllium		9.7	0.22		mg/kg	SW846 6010D
Cadmium		1.6	0.54		mg/kg	SW846 6010D
Calcium		50100	2700		mg/kg	SW846 6010D
Chromium		92.0	1.1		mg/kg	SW846 6010D
Cobalt		59.0	5.4		mg/kg	SW846 6010D
Copper		1100	14		mg/kg	SW846 6010D
Iron		46100	270		mg/kg	SW846 6010D
Lead		1050	11		mg/kg	SW846 6010D
Magnesium		16600	540		mg/kg	SW846 6010D
Manganese		662	1.6		mg/kg	SW846 6010D
Nickel		452	4.3		mg/kg	SW846 6010D
Silver		1.4	0.54		mg/kg	SW846 6010D
Vanadium		20.8	5.4		mg/kg	SW846 6010D
Zinc		3250	27		mg/kg	SW846 6010D
Chromium, Trivalent [a]		92.0	1.6		mg/kg	SW846 6010/7196A M
Cyanide		0.34	0.23		mg/kg	SW846 9012B/LACHAT
JE25794-4	**SB07_2-4**					
Anthracene		64.1	37	23	ug/kg	SW846 8270E
Benzo(a)anthracene		225	37	10	ug/kg	SW846 8270E
Benzo(a)pyrene		255	37	17	ug/kg	SW846 8270E
Benzo(b)fluoranthene		339	37	16	ug/kg	SW846 8270E
Benzo(g,h,i)perylene		223	37	18	ug/kg	SW846 8270E
Benzo(k)fluoranthene		108	37	17	ug/kg	SW846 8270E
Chrysene		242	37	12	ug/kg	SW846 8270E
bis(2-Ethylhexyl)phthalate		399	73	8.6	ug/kg	SW846 8270E
Fluoranthene		435	37	16	ug/kg	SW846 8270E

Summary of Hits

Job Number: JE25794
Account: Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY
Collected: 12/22/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Indeno(1,2,3-cd)pyrene		173	37	17	ug/kg	SW846 8270E
Phenanthrene		157	37	12	ug/kg	SW846 8270E
Pyrene		447	37	12	ug/kg	SW846 8270E
Aroclor 1254		78.6	21	2.3	ug/kg	SW846 8082A
Aroclor 1260		166	21	7.4	ug/kg	SW846 8082A
Total PCBs		244	21	1.8	ug/kg	SW846 8082A
Aluminum		7470	53		mg/kg	SW846 6010D
Arsenic		11.0	2.1		mg/kg	SW846 6010D
Barium		218	21		mg/kg	SW846 6010D
Beryllium		0.69	0.21		mg/kg	SW846 6010D
Cadmium		6.6	0.53		mg/kg	SW846 6010D
Calcium		46400	2700		mg/kg	SW846 6010D
Chromium		25.4	1.1		mg/kg	SW846 6010D
Cobalt		6.7	5.3		mg/kg	SW846 6010D
Copper		241	2.7		mg/kg	SW846 6010D
Iron		18400	53		mg/kg	SW846 6010D
Lead		605	2.1		mg/kg	SW846 6010D
Magnesium		10300	530		mg/kg	SW846 6010D
Manganese		399	1.6		mg/kg	SW846 6010D
Mercury		0.16	0.031		mg/kg	SW846 7471B
Nickel		36.9	4.3		mg/kg	SW846 6010D
Silver		0.75	0.53		mg/kg	SW846 6010D
Vanadium		42.0	5.3		mg/kg	SW846 6010D
Zinc		567	5.3		mg/kg	SW846 6010D
Chromium, Trivalent [a]		25.4	1.6		mg/kg	SW846 6010/7196A M
Cyanide		0.42	0.22		mg/kg	SW846 9012B/LACHAT
JE25794-5	**DUP01_122225**					
Acetone [b]		49.5	16	6.4	ug/kg	SW846 8260D
Methylene chloride		5.7 J	7.8	4.1	ug/kg	SW846 8260D
Anthracene		175	36	22	ug/kg	SW846 8270E
Benzo(a)anthracene		252	36	10	ug/kg	SW846 8270E
Benzo(a)pyrene		270	36	17	ug/kg	SW846 8270E
Benzo(b)fluoranthene		350	36	16	ug/kg	SW846 8270E
Benzo(g,h,i)perylene		224	36	18	ug/kg	SW846 8270E
Benzo(k)fluoranthene		126	36	17	ug/kg	SW846 8270E
Chrysene		253	36	11	ug/kg	SW846 8270E
bis(2-Ethylhexyl)phthalate		369	73	8.5	ug/kg	SW846 8270E
Fluoranthene		462	36	16	ug/kg	SW846 8270E
Indeno(1,2,3-cd)pyrene		181	36	17	ug/kg	SW846 8270E
Phenanthrene		176	36	12	ug/kg	SW846 8270E
Pyrene		479	36	12	ug/kg	SW846 8270E
Aroclor 1254		76.6	22	2.4	ug/kg	SW846 8082A
Aroclor 1260		153	22	7.6	ug/kg	SW846 8082A

Summary of Hits

Job Number: JE25794
Account: Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY
Collected: 12/22/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Total PCBs		230	22	1.8	ug/kg	SW846 8082A
Aluminum		7230	57		mg/kg	SW846 6010D
Antimony		2.3	2.3		mg/kg	SW846 6010D
Arsenic		8.1	2.3		mg/kg	SW846 6010D
Barium		218	23		mg/kg	SW846 6010D
Beryllium		0.79	0.23		mg/kg	SW846 6010D
Cadmium		6.9	0.57		mg/kg	SW846 6010D
Calcium		47100	2900		mg/kg	SW846 6010D
Chromium		26.3	1.1		mg/kg	SW846 6010D
Cobalt		7.1	5.7		mg/kg	SW846 6010D
Copper		210	2.9		mg/kg	SW846 6010D
Iron		21400	57		mg/kg	SW846 6010D
Lead		582	2.3		mg/kg	SW846 6010D
Magnesium		11000	570		mg/kg	SW846 6010D
Manganese		443	1.7		mg/kg	SW846 6010D
Mercury		0.18	0.032		mg/kg	SW846 7471B
Nickel		38.9	4.6		mg/kg	SW846 6010D
Silver		0.80	0.57		mg/kg	SW846 6010D
Vanadium		43.0	5.7		mg/kg	SW846 6010D
Zinc		564	5.7		mg/kg	SW846 6010D
Chromium, Trivalent [a]		26.3	1.5		mg/kg	SW846 6010/7196A M
Cyanide		0.66	0.27		mg/kg	SW846 9012B/LACHAT
JE25794-6	**SB03_1-3**					
Acetone [b]		15.9	11	4.4	ug/kg	SW846 8260D
Acenaphthene		473	37	13	ug/kg	SW846 8270E
Acenaphthylene		302	37	19	ug/kg	SW846 8270E
Anthracene		1520	37	23	ug/kg	SW846 8270E
Benzo(a)anthracene		4230	73	21	ug/kg	SW846 8270E
Benzo(a)pyrene		3800	73	33	ug/kg	SW846 8270E
Benzo(b)fluoranthene		5060	73	32	ug/kg	SW846 8270E
Benzo(g,h,i)perylene		3640	37	18	ug/kg	SW846 8270E
Benzo(k)fluoranthene		1650	37	17	ug/kg	SW846 8270E
1,1'-Biphenyl		45.7 J	73	5.0	ug/kg	SW846 8270E
Carbazole		693	73	5.3	ug/kg	SW846 8270E
Chrysene		4000	73	23	ug/kg	SW846 8270E
Dibenzo(a,h)anthracene		940	37	16	ug/kg	SW846 8270E
Dibenzofuran		270	73	15	ug/kg	SW846 8270E
bis(2-Ethylhexyl)phthalate		766	73	8.6	ug/kg	SW846 8270E
Fluoranthene		11300	370	160	ug/kg	SW846 8270E
Fluorene		470	37	17	ug/kg	SW846 8270E
Indeno(1,2,3-cd)pyrene		2620	37	17	ug/kg	SW846 8270E
2-Methylnaphthalene		151	37	8.3	ug/kg	SW846 8270E
Naphthalene		153	37	10	ug/kg	SW846 8270E

Summary of Hits

Job Number: JE25794
Account: Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY
Collected: 12/22/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Phenanthrene		7170	73	25	ug/kg	SW846 8270E
Pyrene		8980	370	120	ug/kg	SW846 8270E
Aroclor 1254		210	21	2.3	ug/kg	SW846 8082A
Aroclor 1260		132	21	7.2	ug/kg	SW846 8082A
Total PCBs		341	21	1.7	ug/kg	SW846 8082A
Aluminum		14600	56		mg/kg	SW846 6010D
Antimony [c]		12.2	11		mg/kg	SW846 6010D
Barium		496	22		mg/kg	SW846 6010D
Beryllium		17.6	0.22		mg/kg	SW846 6010D
Calcium [c]		44900	2800		mg/kg	SW846 6010D
Chromium		173	1.1		mg/kg	SW846 6010D
Cobalt		121	5.6		mg/kg	SW846 6010D
Copper		3630	14		mg/kg	SW846 6010D
Iron		86500	280		mg/kg	SW846 6010D
Lead [c]		2330	11		mg/kg	SW846 6010D
Magnesium		6830	560		mg/kg	SW846 6010D
Manganese		896	8.3		mg/kg	SW846 6010D
Mercury		0.11	0.033		mg/kg	SW846 7471B
Nickel [c]		1350	22		mg/kg	SW846 6010D
Silver [c]		8.0	2.8		mg/kg	SW846 6010D
Sodium		1680	1100		mg/kg	SW846 6010D
Vanadium		21.0	5.6		mg/kg	SW846 6010D
Zinc		8160	110		mg/kg	SW846 6010D
Chromium, Hexavalent		211	11		mg/kg	SW846 3060A/7196A
Cyanide		11.8	0.25		mg/kg	SW846 9012B/LACHAT

(a) Calculated as: (Chromium) - (Chromium, Hexavalent)
(b) Associated CCV outside of control limits high.
(c) Elevated detection limit due to dilution required for high interfering element.

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	SB01_2-4		
Lab Sample ID:	JE25794-1	**Date Sampled:**	12/22/25
Matrix:	SO - Soil	**Date Received:**	12/22/25
Method:	SW846 8260D	**Percent Solids:**	84.3
Project:	252 3rd Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C197951.D	1	12/24/25 17:24	PS	n/a	n/a	V3C8564
Run #2							

	Initial Weight
Run #1	4.4 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone [a]	ND	13	5.6	ug/kg	
71-43-2	Benzene	ND	0.67	0.61	ug/kg	
74-97-5	Bromochloromethane	ND	6.7	0.75	ug/kg	
75-27-4	Bromodichloromethane	ND	2.7	0.58	ug/kg	
75-25-2	Bromoform	ND	6.7	1.8	ug/kg	
74-83-9	Bromomethane [b]	ND	6.7	1.0	ug/kg	
78-93-3	2-Butanone (MEK)	ND	13	3.3	ug/kg	
75-15-0	Carbon disulfide	0.75	2.7	0.72	ug/kg	J
56-23-5	Carbon tetrachloride	ND	2.7	0.83	ug/kg	
108-90-7	Chlorobenzene	ND	2.7	0.62	ug/kg	
75-00-3	Chloroethane [b]	ND	6.7	0.80	ug/kg	
67-66-3	Chloroform	ND	2.7	1.3	ug/kg	
74-87-3	Chloromethane	ND	6.7	2.6	ug/kg	
110-82-7	Cyclohexane	ND	2.7	0.89	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.7	0.94	ug/kg	
124-48-1	Dibromochloromethane	ND	2.7	0.75	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.3	0.57	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.3	0.74	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.3	0.67	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.3	0.67	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.7	0.98	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.3	0.67	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.3	0.63	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.3	0.88	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.3	1.1	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.3	0.82	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.7	0.64	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.7	0.64	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.7	0.62	ug/kg	
100-41-4	Ethylbenzene	ND	1.3	0.61	ug/kg	
76-13-1	Freon 113	ND	6.7	3.6	ug/kg	
591-78-6	2-Hexanone	ND	6.7	2.9	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB01_2-4		
Lab Sample ID:	JE25794-1	**Date Sampled:**	12/22/25
Matrix:	SO - Soil	**Date Received:**	12/22/25
Method:	SW846 8260D	**Percent Solids:**	84.3
Project:	252 3rd Street, Brooklyn, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.7	1.9	ug/kg	
79-20-9	Methyl Acetate	ND	6.7	1.9	ug/kg	
108-87-2	Methylcyclohexane	ND	2.7	1.2	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.3	0.63	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	6.7	3.1	ug/kg	
75-09-2	Methylene chloride	ND	6.7	3.5	ug/kg	
100-42-5	Styrene	ND	2.7	0.54	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.7	0.81	ug/kg	
127-18-4	Tetrachloroethene	ND	2.7	0.78	ug/kg	
108-88-3	Toluene	ND	1.3	0.71	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.7	3.4	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.7	3.4	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.7	0.65	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.7	0.75	ug/kg	
79-01-6	Trichloroethene	ND	1.3	1.0	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.7	0.92	ug/kg	
75-01-4	Vinyl chloride	ND	2.7	0.65	ug/kg	
	m,p-Xylene	ND	1.3	1.2	ug/kg	
95-47-6	o-Xylene	ND	1.3	0.62	ug/kg	
1330-20-7	Xylene (total)	ND	1.3	0.62	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		80-124%
17060-07-0	1,2-Dichloroethane-D4	116%		75-133%
2037-26-5	Toluene-D8	106%		79-125%
460-00-4	4-Bromofluorobenzene	138%		58-148%

(a) Associated CCV outside of control limits high, sample was ND.
(b) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB01_2-4		
Lab Sample ID:	JE25794-1	**Date Sampled:**	12/22/25
Matrix:	SO - Soil	**Date Received:**	12/22/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	84.3
Project:	252 3rd Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6P524685.D	1	12/30/25 00:43	AO	12/26/25 13:00	OP70034	E6P4542
Run #2	CT15591.D	5	12/30/25 23:38	RS	12/26/25 13:00	OP70034	ECT682

	Initial Weight	Final Volume
Run #1	30.2 g	1.0 ml
Run #2	30.2 g	1.0 ml

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	79	19	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	200	24	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	200	34	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	200	70	ug/kg	
51-28-5	2,4-Dinitrophenol [a]	ND	200	150	ug/kg	
534-52-1	4,6-Dinitro-o-cresol [a]	ND	200	42	ug/kg	
95-48-7	2-Methylphenol	ND	79	25	ug/kg	
	3&4-Methylphenol	ND	79	32	ug/kg	
88-75-5	2-Nitrophenol [a]	ND	200	26	ug/kg	
100-02-7	4-Nitrophenol	ND	390	100	ug/kg	
87-86-5	Pentachlorophenol [a]	ND	160	37	ug/kg	
108-95-2	Phenol	ND	79	21	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	200	26	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	200	29	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	200	23	ug/kg	
83-32-9	Acenaphthene	115	39	14	ug/kg	
208-96-8	Acenaphthylene	909	39	20	ug/kg	
98-86-2	Acetophenone	ND	200	8.4	ug/kg	
120-12-7	Anthracene	367	39	24	ug/kg	
1912-24-9	Atrazine	ND	79	17	ug/kg	
56-55-3	Benzo(a)anthracene	1530	39	11	ug/kg	
50-32-8	Benzo(a)pyrene	1690	39	18	ug/kg	
205-99-2	Benzo(b)fluoranthene	1630	39	17	ug/kg	
191-24-2	Benzo(g,h,i)perylene	1810	39	20	ug/kg	
207-08-9	Benzo(k)fluoranthene	556	39	18	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	79	15	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	79	9.6	ug/kg	
92-52-4	1,1'-Biphenyl	ND	79	5.4	ug/kg	
100-52-7	Benzaldehyde	ND	200	9.7	ug/kg	
91-58-7	2-Chloronaphthalene	ND	79	9.3	ug/kg	
106-47-8	4-Chloroaniline	ND	200	14	ug/kg	
86-74-8	Carbazole	89.1	79	5.7	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB01_2-4
Lab Sample ID: JE25794-1
Matrix: SO - Soil
Method: SW846 8270E SW846 3546
Project: 252 3rd Street, Brooklyn, NY

Date Sampled: 12/22/25
Date Received: 12/22/25
Percent Solids: 84.3

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	79	16	ug/kg	
218-01-9	Chrysene	1210	39	12	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	79	8.4	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	79	17	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	79	14	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	79	13	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	39	12	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	39	20	ug/kg	
91-94-1	3,3'-Dichlorobenzidine [a]	ND	79	33	ug/kg	
123-91-1	1,4-Dioxane	ND	39	26	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	190	39	17	ug/kg	
132-64-9	Dibenzofuran	81.6	79	16	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	79	6.4	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	79	9.8	ug/kg	
84-66-2	Diethyl phthalate	ND	79	8.4	ug/kg	
131-11-3	Dimethyl phthalate	ND	79	7.0	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	79	9.2	ug/kg	
206-44-0	Fluoranthene	3450	39	18	ug/kg	
86-73-7	Fluorene	139	39	18	ug/kg	
118-74-1	Hexachlorobenzene	ND	79	9.9	ug/kg	
87-68-3	Hexachlorobutadiene	ND	39	16	ug/kg	
77-47-4	Hexachlorocyclopentadiene [a]	ND	390	16	ug/kg	
67-72-1	Hexachloroethane	ND	200	19	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	961	39	18	ug/kg	
78-59-1	Isophorone	ND	79	8.4	ug/kg	
91-57-6	2-Methylnaphthalene	241	39	8.9	ug/kg	
88-74-4	2-Nitroaniline	ND	200	9.3	ug/kg	
99-09-2	3-Nitroaniline	ND	200	9.8	ug/kg	
100-01-6	4-Nitroaniline	ND	200	10	ug/kg	
91-20-3	Naphthalene	117	39	11	ug/kg	
98-95-3	Nitrobenzene	ND	79	15	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	79	11	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	200	14	ug/kg	
85-01-8	Phenanthrene	1110	39	13	ug/kg	
129-00-0	Pyrene	6110 [b]	200	63	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	200	10	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	40%	8% [c]	10-99%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB01_2-4		
Lab Sample ID:	JE25794-1	**Date Sampled:**	12/22/25
Matrix:	SO - Soil	**Date Received:**	12/22/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	84.3
Project:	252 3rd Street, Brooklyn, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	44%	7% [c]	10-96%
118-79-6	2,4,6-Tribromophenol	41%	42%	10-123%
4165-60-0	Nitrobenzene-d5	44%	32%	10-109%
321-60-8	2-Fluorobiphenyl	53%	53%	11-109%
1718-51-0	Terphenyl-d14	52%	51%	10-120%

(a) Associated CCV outside of control limits high, sample was ND.
(b) Result is from Run# 2
(c) Outside control limits due to dilution and matrix interference.

Report of Analysis

Client Sample ID:	SB01_2-4		
Lab Sample ID:	JE25794-1	**Date Sampled:**	12/22/25
Matrix:	SO - Soil	**Date Received:**	12/22/25
Method:	SW846 8082A SW846 3570	**Percent Solids:**	84.3
Project:	252 3rd Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	RM43820.D	1	12/27/25 01:38	MLC	12/24/25 13:00	OP70047	GRM1059
Run #2							

	Initial Weight	Final Volume
Run #1	5.2 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	23	9.7	ug/kg	
11104-28-2	Aroclor 1221	ND	23	7.7	ug/kg	
11141-16-5	Aroclor 1232	ND	23	19	ug/kg	
53469-21-9	Aroclor 1242	ND	23	14	ug/kg	
12672-29-6	Aroclor 1248	ND	23	4.9	ug/kg	
11097-69-1	Aroclor 1254	6.8	23	2.5	ug/kg	J
11096-82-5	Aroclor 1260	ND	23	7.9	ug/kg	
11100-14-4	Aroclor 1268	ND	23	2.3	ug/kg	
37324-23-5	Aroclor 1262	ND	23	1.9	ug/kg	
1336-36-3	Total PCBs	7.3	23	1.9	ug/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	74%		35-154%
877-09-8	Tetrachloro-m-xylene	80%		35-154%
2051-24-3	Decachlorobiphenyl	62%		24-176%
2051-24-3	Decachlorobiphenyl	69%		24-176%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB01_2-4		
Lab Sample ID:	JE25794-1	**Date Sampled:**	12/22/25
Matrix:	SO - Soil	**Date Received:**	12/22/25
		Percent Solids:	84.3
Project:	252 3rd Street, Brooklyn, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	3410	57	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]
Antimony	< 2.3	2.3	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]
Arsenic	12.7	2.3	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]
Barium	184	23	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]
Beryllium	0.50	0.23	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]
Cadmium	< 0.57	0.57	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]
Calcium	27500	2800	mg/kg	5	12/24/25	12/30/25	MM	SW846 6010D [3]	SW846 3050B [4]
Chromium	15.8	1.1	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]
Cobalt	6.3	5.7	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]
Copper	43.6	2.8	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]
Iron	10600	57	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]
Lead	198	2.3	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]
Magnesium	1910	570	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]
Manganese	158	1.7	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]
Mercury	0.74	0.034	mg/kg	1	12/23/25	12/24/25	MK	SW846 7471B [1]	SW846 7471B [5]
Nickel	19.2	4.5	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]
Potassium	< 1100	1100	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]
Selenium	< 2.3	2.3	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]
Silver	< 0.57	0.57	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]
Sodium	< 1100	1100	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]
Thallium	< 1.1	1.1	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]
Vanadium	12.0	5.7	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]
Zinc	130	5.7	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]

(1) Instrument QC Batch: MA59999
(2) Instrument QC Batch: MA60019
(3) Instrument QC Batch: MA60034
(4) Prep QC Batch: MP59508
(5) Prep QC Batch: MP59510

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB01_2-4		
Lab Sample ID:	JE25794-1	**Date Sampled:**	12/22/25
Matrix:	SO - Soil	**Date Received:**	12/22/25
		Percent Solids:	84.3
Project:	252 3rd Street, Brooklyn, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent	< 0.48	0.48	mg/kg	1	01/02/26 17:10	JOO	SW846 3060A/7196A
Chromium, Trivalent [a]	15.8	1.6	mg/kg	1	01/02/26 17:10	JOO	SW846 6010/7196A M
Cyanide	1.0	0.26	mg/kg	1	12/29/25 15:15	SS	SW846 9012B/LACHAT
Solids, Percent	84.3		%	1	12/23/25 15:00	RB	SM2540 G 18TH ED MOD

(a) Calculated as: (Chromium) - (Chromium, Hexavalent)

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB04_2-4		
Lab Sample ID:	JE25794-2	**Date Sampled:**	12/22/25
Matrix:	SO - Soil	**Date Received:**	12/22/25
Method:	SW846 8260D	**Percent Solids:**	94.3
Project:	252 3rd Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C197952.D	1	12/24/25 17:50	PS	n/a	n/a	V3C8564
Run #2							

	Initial Weight
Run #1	5.5 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone [a]	23.5	9.6	4.0	ug/kg	
71-43-2	Benzene	ND	0.48	0.44	ug/kg	
74-97-5	Bromochloromethane	ND	4.8	0.54	ug/kg	
75-27-4	Bromodichloromethane	ND	1.9	0.41	ug/kg	
75-25-2	Bromoform	ND	4.8	1.3	ug/kg	
74-83-9	Bromomethane [b]	ND	4.8	0.74	ug/kg	
78-93-3	2-Butanone (MEK)	ND	9.6	2.3	ug/kg	
75-15-0	Carbon disulfide	ND	1.9	0.52	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.9	0.60	ug/kg	
108-90-7	Chlorobenzene	ND	1.9	0.44	ug/kg	
75-00-3	Chloroethane [b]	ND	4.8	0.57	ug/kg	
67-66-3	Chloroform	ND	1.9	0.96	ug/kg	
74-87-3	Chloromethane	ND	4.8	1.9	ug/kg	
110-82-7	Cyclohexane	ND	1.9	0.63	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.9	0.67	ug/kg	
124-48-1	Dibromochloromethane	ND	1.9	0.54	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.96	0.41	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.96	0.53	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.96	0.48	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.96	0.48	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	4.8	0.70	ug/kg	
75-34-3	1,1-Dichloroethane	ND	0.96	0.48	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.96	0.45	ug/kg	
75-35-4	1,1-Dichloroethene	ND	0.96	0.63	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.96	0.81	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.96	0.59	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.9	0.46	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.9	0.46	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.9	0.44	ug/kg	
100-41-4	Ethylbenzene	ND	0.96	0.44	ug/kg	
76-13-1	Freon 113	ND	4.8	2.6	ug/kg	
591-78-6	2-Hexanone	ND	4.8	2.0	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB04_2-4		
Lab Sample ID:	JE25794-2	**Date Sampled:**	12/22/25
Matrix:	SO - Soil	**Date Received:**	12/22/25
Method:	SW846 8260D	**Percent Solids:**	94.3
Project:	252 3rd Street, Brooklyn, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.9	1.4	ug/kg	
79-20-9	Methyl Acetate	ND	4.8	1.3	ug/kg	
108-87-2	Methylcyclohexane	ND	1.9	0.84	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.96	0.45	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	4.8	2.2	ug/kg	
75-09-2	Methylene chloride	ND	4.8	2.5	ug/kg	
100-42-5	Styrene	ND	1.9	0.39	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.9	0.58	ug/kg	
127-18-4	Tetrachloroethene	ND	1.9	0.56	ug/kg	
108-88-3	Toluene	ND	0.96	0.51	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.8	2.4	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.8	2.4	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.9	0.47	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.9	0.53	ug/kg	
79-01-6	Trichloroethene	ND	0.96	0.73	ug/kg	
75-69-4	Trichlorofluoromethane	ND	4.8	0.66	ug/kg	
75-01-4	Vinyl chloride	ND	1.9	0.46	ug/kg	
	m,p-Xylene	ND	0.96	0.86	ug/kg	
95-47-6	o-Xylene	ND	0.96	0.44	ug/kg	
1330-20-7	Xylene (total)	ND	0.96	0.44	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		80-124%
17060-07-0	1,2-Dichloroethane-D4	114%		75-133%
2037-26-5	Toluene-D8	102%		79-125%
460-00-4	4-Bromofluorobenzene	120%		58-148%

(a) Associated CCV outside of control limits high.
(b) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB04_2-4		
Lab Sample ID:	JE25794-2	**Date Sampled:**	12/22/25
Matrix:	SO - Soil	**Date Received:**	12/22/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	94.3
Project:	252 3rd Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6P524686.D	1	12/30/25 01:02	AO	12/26/25 13:00	OP70034	E6P4542
Run #2							

	Initial Weight	Final Volume
Run #1	30.2 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	70	17	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	180	22	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	180	30	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	180	63	ug/kg	
51-28-5	2,4-Dinitrophenol [a]	ND	180	130	ug/kg	
534-52-1	4,6-Dinitro-o-cresol [a]	ND	180	38	ug/kg	
95-48-7	2-Methylphenol	ND	70	22	ug/kg	
	3&4-Methylphenol	ND	70	29	ug/kg	
88-75-5	2-Nitrophenol [a]	ND	180	23	ug/kg	
100-02-7	4-Nitrophenol	ND	350	94	ug/kg	
87-86-5	Pentachlorophenol [a]	ND	140	33	ug/kg	
108-95-2	Phenol	ND	70	18	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	180	23	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	180	26	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	180	21	ug/kg	
83-32-9	Acenaphthene	ND	35	12	ug/kg	
208-96-8	Acenaphthylene	ND	35	18	ug/kg	
98-86-2	Acetophenone	ND	180	7.5	ug/kg	
120-12-7	Anthracene	105	35	22	ug/kg	
1912-24-9	Atrazine	ND	70	15	ug/kg	
56-55-3	Benzo(a)anthracene	218	35	9.9	ug/kg	
50-32-8	Benzo(a)pyrene	233	35	16	ug/kg	
205-99-2	Benzo(b)fluoranthene	354	35	16	ug/kg	
191-24-2	Benzo(g,h,i)perylene	255	35	18	ug/kg	
207-08-9	Benzo(k)fluoranthene	89.0	35	16	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	70	14	ug/kg	
85-68-7	Butyl benzyl phthalate	495	70	8.6	ug/kg	
92-52-4	1,1'-Biphenyl	ND	70	4.8	ug/kg	
100-52-7	Benzaldehyde	ND	180	8.7	ug/kg	
91-58-7	2-Chloronaphthalene	ND	70	8.4	ug/kg	
106-47-8	4-Chloroaniline	ND	180	13	ug/kg	
86-74-8	Carbazole	ND	70	5.1	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB04_2-4
Lab Sample ID: JE25794-2
Matrix: SO - Soil
Method: SW846 8270E SW846 3546
Project: 252 3rd Street, Brooklyn, NY

Date Sampled: 12/22/25
Date Received: 12/22/25
Percent Solids: 94.3

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	70	14	ug/kg	
218-01-9	Chrysene	237	35	11	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	70	7.5	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	70	15	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	70	13	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	70	11	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	35	11	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	35	18	ug/kg	
91-94-1	3,3'-Dichlorobenzidine [a]	ND	70	29	ug/kg	
123-91-1	1,4-Dioxane	ND	35	23	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	35	16	ug/kg	
132-64-9	Dibenzofuran	ND	70	14	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	70	5.7	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	70	8.7	ug/kg	
84-66-2	Diethyl phthalate	ND	70	7.5	ug/kg	
131-11-3	Dimethyl phthalate	ND	70	6.3	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	204	70	8.2	ug/kg	
206-44-0	Fluoranthene	470	35	16	ug/kg	
86-73-7	Fluorene	ND	35	16	ug/kg	
118-74-1	Hexachlorobenzene	ND	70	8.9	ug/kg	
87-68-3	Hexachlorobutadiene	ND	35	14	ug/kg	
77-47-4	Hexachlorocyclopentadiene [a]	ND	350	14	ug/kg	
67-72-1	Hexachloroethane	ND	180	17	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	197	35	16	ug/kg	
78-59-1	Isophorone	ND	70	7.5	ug/kg	
91-57-6	2-Methylnaphthalene	ND	35	7.9	ug/kg	
88-74-4	2-Nitroaniline	ND	180	8.3	ug/kg	
99-09-2	3-Nitroaniline	ND	180	8.8	ug/kg	
100-01-6	4-Nitroaniline	ND	180	9.1	ug/kg	
91-20-3	Naphthalene	ND	35	9.9	ug/kg	
98-95-3	Nitrobenzene	ND	70	14	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	70	10	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	180	13	ug/kg	
85-01-8	Phenanthrene	290	35	12	ug/kg	
129-00-0	Pyrene	401	35	11	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	180	8.9	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	54%		10-99%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB04_2-4		
Lab Sample ID:	JE25794-2	**Date Sampled:**	12/22/25
Matrix:	SO - Soil	**Date Received:**	12/22/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	94.3
Project:	252 3rd Street, Brooklyn, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	56%		10-96%
118-79-6	2,4,6-Tribromophenol	56%		10-123%
4165-60-0	Nitrobenzene-d5	53%		10-109%
321-60-8	2-Fluorobiphenyl	61%		11-109%
1718-51-0	Terphenyl-d14	62%		10-120%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB04_2-4		
Lab Sample ID:	JE25794-2	**Date Sampled:**	12/22/25
Matrix:	SO - Soil	**Date Received:**	12/22/25
Method:	SW846 8082A SW846 3570	**Percent Solids:**	94.3
Project:	252 3rd Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	RM43821.D	1	12/27/25 01:54	MLC	12/24/25 13:00	OP70047	GRM1059
Run #2							

	Initial Weight	Final Volume
Run #1	5.2 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	20	8.7	ug/kg	
11104-28-2	Aroclor 1221	ND	20	6.9	ug/kg	
11141-16-5	Aroclor 1232	ND	20	17	ug/kg	
53469-21-9	Aroclor 1242	ND	20	12	ug/kg	
12672-29-6	Aroclor 1248	ND	20	4.4	ug/kg	
11097-69-1	Aroclor 1254	131	20	2.2	ug/kg	
11096-82-5	Aroclor 1260	43.1	20	7.0	ug/kg	
11100-14-4	Aroclor 1268	ND	20	2.1	ug/kg	
37324-23-5	Aroclor 1262	ND	20	1.7	ug/kg	
1336-36-3	Total PCBs	174	20	1.7	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	78%		35-154%
877-09-8	Tetrachloro-m-xylene	84%		35-154%
2051-24-3	Decachlorobiphenyl	58%		24-176%
2051-24-3	Decachlorobiphenyl	69%		24-176%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB04_2-4		
Lab Sample ID:	JE25794-2	**Date Sampled:**	12/22/25
Matrix:	SO - Soil	**Date Received:**	12/22/25
		Percent Solids:	94.3
Project:	252 3rd Street, Brooklyn, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	20800	51	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [5]
Antimony [a]	< 21	21	mg/kg	10	12/24/25	12/30/25	MM	SW846 6010D [3]	SW846 3050B [5]
Arsenic [a]	10.9	10	mg/kg	5	12/24/25	12/30/25	MM	SW846 6010D [3]	SW846 3050B [5]
Barium	800	21	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [5]
Beryllium	26.4	0.21	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [5]
Cadmium [a]	< 2.6	2.6	mg/kg	5	12/24/25	12/30/25	MM	SW846 6010D [3]	SW846 3050B [5]
Calcium [a]	42700	2600	mg/kg	5	12/24/25	12/30/25	MM	SW846 6010D [3]	SW846 3050B [5]
Chromium	273	1.0	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [5]
Cobalt	185	5.1	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [5]
Copper	5010	26	mg/kg	10	12/24/25	12/30/25	MM	SW846 6010D [3]	SW846 3050B [5]
Iron	154000	510	mg/kg	10	12/24/25	12/30/25	MM	SW846 6010D [3]	SW846 3050B [5]
Lead [a]	3900	10	mg/kg	5	12/24/25	12/30/25	MM	SW846 6010D [3]	SW846 3050B [5]
Magnesium	10100	510	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [5]
Manganese [a]	1340	7.7	mg/kg	5	12/24/25	12/30/25	MM	SW846 6010D [3]	SW846 3050B [5]
Mercury	0.061	0.028	mg/kg	1	12/23/25	12/24/25	MK	SW846 7471B [1]	SW846 7471B [6]
Nickel [a]	2380	21	mg/kg	5	12/24/25	12/30/25	MM	SW846 6010D [3]	SW846 3050B [5]
Potassium	1260	1000	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [5]
Selenium [a]	< 10	10	mg/kg	5	12/24/25	12/30/25	MM	SW846 6010D [3]	SW846 3050B [5]
Silver [a]	9.4	2.6	mg/kg	5	12/24/25	12/30/25	MM	SW846 6010D [3]	SW846 3050B [5]
Sodium	1660	1000	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [5]
Thallium [a]	< 5.1	5.1	mg/kg	5	12/24/25	12/30/25	MM	SW846 6010D [3]	SW846 3050B [5]
Vanadium	20.6	5.1	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [5]
Zinc	10600	100	mg/kg	20	12/24/25	12/31/25	LM	SW846 6010D [4]	SW846 3050B [5]

(1) Instrument QC Batch: MA59999
(2) Instrument QC Batch: MA60019
(3) Instrument QC Batch: MA60034
(4) Instrument QC Batch: MA60045
(5) Prep QC Batch: MP59508
(6) Prep QC Batch: MP59510

(a) Elevated detection limit due to dilution required for high interfering element.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB04_2-4		
Lab Sample ID:	JE25794-2	**Date Sampled:**	12/22/25
Matrix:	SO - Soil	**Date Received:**	12/22/25
		Percent Solids:	94.3
Project:	252 3rd Street, Brooklyn, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent	< 0.42	0.42	mg/kg	1	01/02/26 17:10	JOO	SW846 3060A/7196A
Chromium, Trivalent [a]	273	1.4	mg/kg	1	01/02/26 17:10	JOO	SW846 6010/7196A M
Cyanide	1.5	0.25	mg/kg	1	12/29/25 15:16	SS	SW846 9012B/LACHAT
Solids, Percent	94.3		%	1	12/23/25 15:00	RB	SM2540 G 18TH ED MOD

(a) Calculated as: (Chromium) - (Chromium, Hexavalent)

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB02_1-3		
Lab Sample ID:	JE25794-3	**Date Sampled:**	12/22/25
Matrix:	SO - Soil	**Date Received:**	12/22/25
Method:	SW846 8260D	**Percent Solids:**	92.4
Project:	252 3rd Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C197953.D	1	12/24/25 18:16	PS	n/a	n/a	V3C8564
Run #2							

	Initial Weight
Run #1	4.7 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone [a]	ND	12	4.8	ug/kg	
71-43-2	Benzene	ND	0.58	0.52	ug/kg	
74-97-5	Bromochloromethane	ND	5.8	0.64	ug/kg	
75-27-4	Bromodichloromethane	ND	2.3	0.49	ug/kg	
75-25-2	Bromoform	ND	5.8	1.6	ug/kg	
74-83-9	Bromomethane [b]	ND	5.8	0.88	ug/kg	
78-93-3	2-Butanone (MEK)	ND	12	2.8	ug/kg	
75-15-0	Carbon disulfide	ND	2.3	0.62	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.3	0.71	ug/kg	
108-90-7	Chlorobenzene	ND	2.3	0.53	ug/kg	
75-00-3	Chloroethane [b]	ND	5.8	0.68	ug/kg	
67-66-3	Chloroform	ND	2.3	1.2	ug/kg	
74-87-3	Chloromethane	ND	5.8	2.3	ug/kg	
110-82-7	Cyclohexane	ND	2.3	0.76	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.3	0.80	ug/kg	
124-48-1	Dibromochloromethane	ND	2.3	0.64	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.2	0.48	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.2	0.63	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.2	0.57	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.2	0.57	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.8	0.84	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.2	0.57	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.2	0.54	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.2	0.75	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.2	0.97	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.2	0.70	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.3	0.54	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.3	0.55	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.3	0.53	ug/kg	
100-41-4	Ethylbenzene	ND	1.2	0.52	ug/kg	
76-13-1	Freon 113	ND	5.8	3.1	ug/kg	
591-78-6	2-Hexanone	ND	5.8	2.4	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB02_1-3		
Lab Sample ID:	JE25794-3	**Date Sampled:**	12/22/25
Matrix:	SO - Soil	**Date Received:**	12/22/25
Method:	SW846 8260D	**Percent Solids:**	92.4
Project:	252 3rd Street, Brooklyn, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.3	1.6	ug/kg	
79-20-9	Methyl Acetate	ND	5.8	1.6	ug/kg	
108-87-2	Methylcyclohexane	ND	2.3	1.0	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.2	0.54	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.8	2.6	ug/kg	
75-09-2	Methylene chloride	ND	5.8	3.0	ug/kg	
100-42-5	Styrene	ND	2.3	0.46	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.3	0.69	ug/kg	
127-18-4	Tetrachloroethene	ND	2.3	0.67	ug/kg	
108-88-3	Toluene	ND	1.2	0.60	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.8	2.9	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.8	2.9	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.3	0.56	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.3	0.64	ug/kg	
79-01-6	Trichloroethene	ND	1.2	0.88	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.8	0.79	ug/kg	
75-01-4	Vinyl chloride	ND	2.3	0.55	ug/kg	
	m,p-Xylene	ND	1.2	1.0	ug/kg	
95-47-6	o-Xylene	ND	1.2	0.53	ug/kg	
1330-20-7	Xylene (total)	ND	1.2	0.53	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		80-124%
17060-07-0	1,2-Dichloroethane-D4	113%		75-133%
2037-26-5	Toluene-D8	101%		79-125%
460-00-4	4-Bromofluorobenzene	121%		58-148%

(a) Associated CCV outside of control limits high, sample was ND.
(b) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB02_1-3		
Lab Sample ID:	JE25794-3	**Date Sampled:**	12/22/25
Matrix:	SO - Soil	**Date Received:**	12/22/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	92.4
Project:	252 3rd Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6P524687.D	1	12/30/25 01:21	AO	12/26/25 13:00	OP70034	E6P4542
Run #2							

	Initial Weight	Final Volume
Run #1	30.6 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	71	17	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	180	22	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	180	30	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	180	63	ug/kg	
51-28-5	2,4-Dinitrophenol [a]	ND	180	130	ug/kg	
534-52-1	4,6-Dinitro-o-cresol [a]	ND	180	38	ug/kg	
95-48-7	2-Methylphenol	ND	71	23	ug/kg	
	3&4-Methylphenol	ND	71	29	ug/kg	
88-75-5	2-Nitrophenol [a]	ND	180	23	ug/kg	
100-02-7	4-Nitrophenol	ND	350	94	ug/kg	
87-86-5	Pentachlorophenol [a]	ND	140	33	ug/kg	
108-95-2	Phenol	ND	71	18	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	180	23	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	180	26	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	180	21	ug/kg	
83-32-9	Acenaphthene	ND	35	12	ug/kg	
208-96-8	Acenaphthylene	ND	35	18	ug/kg	
98-86-2	Acetophenone	ND	180	7.6	ug/kg	
120-12-7	Anthracene	55.4	35	22	ug/kg	
1912-24-9	Atrazine	ND	71	15	ug/kg	
56-55-3	Benzo(a)anthracene	303	35	10	ug/kg	
50-32-8	Benzo(a)pyrene	344	35	16	ug/kg	
205-99-2	Benzo(b)fluoranthene	489	35	16	ug/kg	
191-24-2	Benzo(g,h,i)perylene	301	35	18	ug/kg	
207-08-9	Benzo(k)fluoranthene	132	35	17	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	71	14	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	71	8.6	ug/kg	
92-52-4	1,1'-Biphenyl	ND	71	4.8	ug/kg	
100-52-7	Benzaldehyde	ND	180	8.8	ug/kg	
91-58-7	2-Chloronaphthalene	ND	71	8.4	ug/kg	
106-47-8	4-Chloroaniline	ND	180	13	ug/kg	
86-74-8	Carbazole	ND	71	5.1	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB02_1-3
Lab Sample ID: JE25794-3
Matrix: SO - Soil
Method: SW846 8270E SW846 3546
Project: 252 3rd Street, Brooklyn, NY

Date Sampled: 12/22/25
Date Received: 12/22/25
Percent Solids: 92.4

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	71	14	ug/kg	
218-01-9	Chrysene	309	35	11	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	71	7.6	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	71	15	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	71	13	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	71	11	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	35	11	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	35	18	ug/kg	
91-94-1	3,3'-Dichlorobenzidine [a]	ND	71	29	ug/kg	
123-91-1	1,4-Dioxane	ND	35	23	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	75.1	35	16	ug/kg	
132-64-9	Dibenzofuran	ND	71	14	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	71	5.8	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	71	8.8	ug/kg	
84-66-2	Diethyl phthalate	ND	71	7.5	ug/kg	
131-11-3	Dimethyl phthalate	ND	71	6.3	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	411	71	8.3	ug/kg	
206-44-0	Fluoranthene	562	35	16	ug/kg	
86-73-7	Fluorene	ND	35	16	ug/kg	
118-74-1	Hexachlorobenzene	ND	71	8.9	ug/kg	
87-68-3	Hexachlorobutadiene	ND	35	14	ug/kg	
77-47-4	Hexachlorocyclopentadiene [a]	ND	350	14	ug/kg	
67-72-1	Hexachloroethane	ND	180	18	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	239	35	17	ug/kg	
78-59-1	Isophorone	ND	71	7.6	ug/kg	
91-57-6	2-Methylnaphthalene	ND	35	8.0	ug/kg	
88-74-4	2-Nitroaniline	ND	180	8.3	ug/kg	
99-09-2	3-Nitroaniline	ND	180	8.8	ug/kg	
100-01-6	4-Nitroaniline	ND	180	9.2	ug/kg	
91-20-3	Naphthalene	ND	35	10	ug/kg	
98-95-3	Nitrobenzene	ND	71	14	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	71	10	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	180	13	ug/kg	
85-01-8	Phenanthrene	196	35	12	ug/kg	
129-00-0	Pyrene	517	35	11	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	180	9.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	46%		10-99%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB02_1-3		
Lab Sample ID:	JE25794-3	**Date Sampled:**	12/22/25
Matrix:	SO - Soil	**Date Received:**	12/22/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	92.4
Project:	252 3rd Street, Brooklyn, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	44%		10-96%
118-79-6	2,4,6-Tribromophenol	50%		10-123%
4165-60-0	Nitrobenzene-d5	44%		10-109%
321-60-8	2-Fluorobiphenyl	49%		11-109%
1718-51-0	Terphenyl-d14	46%		10-120%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB02_1-3		
Lab Sample ID:	JE25794-3	**Date Sampled:**	12/22/25
Matrix:	SO - Soil	**Date Received:**	12/22/25
Method:	SW846 8082A SW846 3570	**Percent Solids:**	92.4
Project:	252 3rd Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	RM43822.D	1	12/27/25 02:09	MLC	12/24/25 13:00	OP70047	GRM1059
Run #2							

	Initial Weight	Final Volume
Run #1	5.0 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	22	9.2	ug/kg	
11104-28-2	Aroclor 1221	ND	22	7.3	ug/kg	
11141-16-5	Aroclor 1232	ND	22	18	ug/kg	
53469-21-9	Aroclor 1242	ND	22	13	ug/kg	
12672-29-6	Aroclor 1248	ND	22	4.7	ug/kg	
11097-69-1	Aroclor 1254	120	22	2.3	ug/kg	
11096-82-5	Aroclor 1260	116	22	7.5	ug/kg	
11100-14-4	Aroclor 1268	ND	22	2.2	ug/kg	
37324-23-5	Aroclor 1262	ND	22	1.8	ug/kg	
1336-36-3	Total PCBs	236	22	1.8	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	77%		35-154%
877-09-8	Tetrachloro-m-xylene	85%		35-154%
2051-24-3	Decachlorobiphenyl	50%		24-176%
2051-24-3	Decachlorobiphenyl	56%		24-176%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB02_1-3		
Lab Sample ID:	JE25794-3	**Date Sampled:**	12/22/25
Matrix:	SO - Soil	**Date Received:**	12/22/25
		Percent Solids:	92.4
Project:	252 3rd Street, Brooklyn, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	10700	54	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]
Antimony	< 11	11	mg/kg	5	12/24/25	12/30/25	MM	SW846 6010D [3]	SW846 3050B [4]
Arsenic	6.0	2.2	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]
Barium	276	22	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]
Beryllium	9.7	0.22	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]
Cadmium	1.6	0.54	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]
Calcium	50100	2700	mg/kg	5	12/24/25	12/30/25	MM	SW846 6010D [3]	SW846 3050B [4]
Chromium	92.0	1.1	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]
Cobalt	59.0	5.4	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]
Copper	1100	14	mg/kg	5	12/24/25	12/30/25	MM	SW846 6010D [3]	SW846 3050B [4]
Iron	46100	270	mg/kg	5	12/24/25	12/30/25	MM	SW846 6010D [3]	SW846 3050B [4]
Lead	1050	11	mg/kg	5	12/24/25	12/30/25	MM	SW846 6010D [3]	SW846 3050B [4]
Magnesium	16600	540	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]
Manganese	662	1.6	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]
Mercury	< 0.029	0.029	mg/kg	1	12/23/25	12/24/25	MK	SW846 7471B [1]	SW846 7471B [5]
Nickel	452	4.3	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]
Potassium	< 1100	1100	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]
Selenium	< 11	11	mg/kg	5	12/24/25	12/30/25	MM	SW846 6010D [3]	SW846 3050B [4]
Silver	1.4	0.54	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]
Sodium	< 1100	1100	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]
Thallium	< 1.1	1.1	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]
Vanadium	20.8	5.4	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]
Zinc	3250	27	mg/kg	5	12/24/25	12/30/25	MM	SW846 6010D [3]	SW846 3050B [4]

(1) Instrument QC Batch: MA59999
(2) Instrument QC Batch: MA60019
(3) Instrument QC Batch: MA60034
(4) Prep QC Batch: MP59508
(5) Prep QC Batch: MP59510

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB02_1-3		
Lab Sample ID:	JE25794-3	**Date Sampled:**	12/22/25
Matrix:	SO - Soil	**Date Received:**	12/22/25
		Percent Solids:	92.4
Project:	252 3rd Street, Brooklyn, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent	< 0.45	0.45	mg/kg	1	01/02/26 17:10	JOO	SW846 3060A/7196A
Chromium, Trivalent [a]	92.0	1.6	mg/kg	1	01/02/26 17:10	JOO	SW846 6010/7196A M
Cyanide	0.34	0.23	mg/kg	1	12/29/25 15:17	SS	SW846 9012B/LACHAT
Solids, Percent	92.4		%	1	12/23/25 15:00	RB	SM2540 G 18TH ED MOD

(a) Calculated as: (Chromium) - (Chromium, Hexavalent)

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB07_2-4		
Lab Sample ID:	JE25794-4	**Date Sampled:**	12/22/25
Matrix:	SO - Soil	**Date Received:**	12/22/25
Method:	SW846 8260D	**Percent Solids:**	89.9
Project:	252 3rd Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C197954.D	1	12/24/25 18:42	PS	n/a	n/a	V3C8564
Run #2							

	Initial Weight
Run #1	4.4 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone [a]	ND	13	5.2	ug/kg	
71-43-2	Benzene	ND	0.63	0.58	ug/kg	
74-97-5	Bromochloromethane	ND	6.3	0.71	ug/kg	
75-27-4	Bromodichloromethane	ND	2.5	0.54	ug/kg	
75-25-2	Bromoform	ND	6.3	1.7	ug/kg	
74-83-9	Bromomethane [b]	ND	6.3	0.97	ug/kg	
78-93-3	2-Butanone (MEK)	ND	13	3.1	ug/kg	
75-15-0	Carbon disulfide	ND	2.5	0.68	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.5	0.78	ug/kg	
108-90-7	Chlorobenzene	ND	2.5	0.58	ug/kg	
75-00-3	Chloroethane [b]	ND	6.3	0.75	ug/kg	
67-66-3	Chloroform	ND	2.5	1.3	ug/kg	
74-87-3	Chloromethane	ND	6.3	2.5	ug/kg	
110-82-7	Cyclohexane	ND	2.5	0.83	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.88	ug/kg	
124-48-1	Dibromochloromethane	ND	2.5	0.71	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.3	0.53	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.3	0.69	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.3	0.63	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.3	0.62	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.3	0.92	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.3	0.63	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.3	0.59	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.3	0.83	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.3	1.1	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.3	0.77	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.5	0.60	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.5	0.60	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.5	0.58	ug/kg	
100-41-4	Ethylbenzene	ND	1.3	0.57	ug/kg	
76-13-1	Freon 113	ND	6.3	3.4	ug/kg	
591-78-6	2-Hexanone	ND	6.3	2.7	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB07_2-4		
Lab Sample ID:	JE25794-4	**Date Sampled:**	12/22/25
Matrix:	SO - Soil	**Date Received:**	12/22/25
Method:	SW846 8260D	**Percent Solids:**	89.9
Project:	252 3rd Street, Brooklyn, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.5	1.8	ug/kg	
79-20-9	Methyl Acetate	ND	6.3	1.8	ug/kg	
108-87-2	Methylcyclohexane	ND	2.5	1.1	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.3	0.59	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	6.3	2.9	ug/kg	
75-09-2	Methylene chloride	ND	6.3	3.3	ug/kg	
100-42-5	Styrene	ND	2.5	0.51	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.5	0.76	ug/kg	
127-18-4	Tetrachloroethene	ND	2.5	0.73	ug/kg	
108-88-3	Toluene	ND	1.3	0.66	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.3	3.2	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.3	3.2	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.61	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.5	0.70	ug/kg	
79-01-6	Trichloroethene	ND	1.3	0.96	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.3	0.86	ug/kg	
75-01-4	Vinyl chloride	ND	2.5	0.61	ug/kg	
	m,p-Xylene	ND	1.3	1.1	ug/kg	
95-47-6	o-Xylene	ND	1.3	0.58	ug/kg	
1330-20-7	Xylene (total)	ND	1.3	0.58	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		80-124%
17060-07-0	1,2-Dichloroethane-D4	114%		75-133%
2037-26-5	Toluene-D8	101%		79-125%
460-00-4	4-Bromofluorobenzene	126%		58-148%

(a) Associated CCV outside of control limits high, sample was ND.
(b) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB07_2-4		
Lab Sample ID:	JE25794-4	**Date Sampled:**	12/22/25
Matrix:	SO - Soil	**Date Received:**	12/22/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	89.9
Project:	252 3rd Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6P524688.D	1	12/30/25 01:39	AO	12/26/25 13:00	OP70034	E6P4542
Run #2							

	Initial Weight	Final Volume
Run #1	30.3 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	73	18	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	180	23	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	180	31	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	180	65	ug/kg	
51-28-5	2,4-Dinitrophenol [a]	ND	180	140	ug/kg	
534-52-1	4,6-Dinitro-o-cresol [a]	ND	180	39	ug/kg	
95-48-7	2-Methylphenol	ND	73	23	ug/kg	
	3&4-Methylphenol	ND	73	30	ug/kg	
88-75-5	2-Nitrophenol [a]	ND	180	24	ug/kg	
100-02-7	4-Nitrophenol	ND	370	98	ug/kg	
87-86-5	Pentachlorophenol [a]	ND	150	34	ug/kg	
108-95-2	Phenol	ND	73	19	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	180	24	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	180	27	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	180	22	ug/kg	
83-32-9	Acenaphthene	ND	37	13	ug/kg	
208-96-8	Acenaphthylene	ND	37	19	ug/kg	
98-86-2	Acetophenone	ND	180	7.9	ug/kg	
120-12-7	Anthracene	64.1	37	23	ug/kg	
1912-24-9	Atrazine	ND	73	16	ug/kg	
56-55-3	Benzo(a)anthracene	225	37	10	ug/kg	
50-32-8	Benzo(a)pyrene	255	37	17	ug/kg	
205-99-2	Benzo(b)fluoranthene	339	37	16	ug/kg	
191-24-2	Benzo(g,h,i)perylene	223	37	18	ug/kg	
207-08-9	Benzo(k)fluoranthene	108	37	17	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	73	14	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	73	9.0	ug/kg	
92-52-4	1,1'-Biphenyl	ND	73	5.0	ug/kg	
100-52-7	Benzaldehyde	ND	180	9.1	ug/kg	
91-58-7	2-Chloronaphthalene	ND	73	8.7	ug/kg	
106-47-8	4-Chloroaniline	ND	180	13	ug/kg	
86-74-8	Carbazole	ND	73	5.3	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB07_2-4
Lab Sample ID: JE25794-4
Matrix: SO - Soil
Method: SW846 8270E SW846 3546
Project: 252 3rd Street, Brooklyn, NY

Date Sampled: 12/22/25
Date Received: 12/22/25
Percent Solids: 89.9

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	73	15	ug/kg	
218-01-9	Chrysene	242	37	12	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	73	7.9	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	73	16	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	73	13	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	73	12	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	37	11	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	37	18	ug/kg	
91-94-1	3,3'-Dichlorobenzidine [a]	ND	73	31	ug/kg	
123-91-1	1,4-Dioxane	ND	37	24	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	37	16	ug/kg	
132-64-9	Dibenzofuran	ND	73	15	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	73	6.0	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	73	9.1	ug/kg	
84-66-2	Diethyl phthalate	ND	73	7.8	ug/kg	
131-11-3	Dimethyl phthalate	ND	73	6.5	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	399	73	8.6	ug/kg	
206-44-0	Fluoranthene	435	37	16	ug/kg	
86-73-7	Fluorene	ND	37	17	ug/kg	
118-74-1	Hexachlorobenzene	ND	73	9.3	ug/kg	
87-68-3	Hexachlorobutadiene	ND	37	15	ug/kg	
77-47-4	Hexachlorocyclopentadiene [a]	ND	370	15	ug/kg	
67-72-1	Hexachloroethane	ND	180	18	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	173	37	17	ug/kg	
78-59-1	Isophorone	ND	73	7.9	ug/kg	
91-57-6	2-Methylnaphthalene	ND	37	8.3	ug/kg	
88-74-4	2-Nitroaniline	ND	180	8.7	ug/kg	
99-09-2	3-Nitroaniline	ND	180	9.2	ug/kg	
100-01-6	4-Nitroaniline	ND	180	9.5	ug/kg	
91-20-3	Naphthalene	ND	37	10	ug/kg	
98-95-3	Nitrobenzene	ND	73	14	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	73	11	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	180	13	ug/kg	
85-01-8	Phenanthrene	157	37	12	ug/kg	
129-00-0	Pyrene	447	37	12	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	180	9.3	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	41%		10-99%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB07_2-4		
Lab Sample ID:	JE25794-4	**Date Sampled:**	12/22/25
Matrix:	SO - Soil	**Date Received:**	12/22/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	89.9
Project:	252 3rd Street, Brooklyn, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	41%		10-96%
118-79-6	2,4,6-Tribromophenol	44%		10-123%
4165-60-0	Nitrobenzene-d5	40%		10-109%
321-60-8	2-Fluorobiphenyl	46%		11-109%
1718-51-0	Terphenyl-d14	44%		10-120%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB07_2-4		
Lab Sample ID:	JE25794-4	**Date Sampled:**	12/22/25
Matrix:	SO - Soil	**Date Received:**	12/22/25
Method:	SW846 8082A SW846 3570	**Percent Solids:**	89.9
Project:	252 3rd Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	RM43823.D	1	12/27/25 02:25	MLC	12/24/25 13:00	OP70047	GRM1059
Run #2							

	Initial Weight	Final Volume
Run #1	5.2 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	21	9.1	ug/kg	
11104-28-2	Aroclor 1221	ND	21	7.2	ug/kg	
11141-16-5	Aroclor 1232	ND	21	18	ug/kg	
53469-21-9	Aroclor 1242	ND	21	13	ug/kg	
12672-29-6	Aroclor 1248	ND	21	4.6	ug/kg	
11097-69-1	Aroclor 1254	78.6	21	2.3	ug/kg	
11096-82-5	Aroclor 1260	166	21	7.4	ug/kg	
11100-14-4	Aroclor 1268	ND	21	2.2	ug/kg	
37324-23-5	Aroclor 1262	ND	21	1.8	ug/kg	
1336-36-3	Total PCBs	244	21	1.8	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	77%		35-154%
877-09-8	Tetrachloro-m-xylene	83%		35-154%
2051-24-3	Decachlorobiphenyl	58%		24-176%
2051-24-3	Decachlorobiphenyl	76%		24-176%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB07_2-4
Lab Sample ID: JE25794-4
Matrix: SO - Soil
Project: 252 3rd Street, Brooklyn, NY

Date Sampled: 12/22/25
Date Received: 12/22/25
Percent Solids: 89.9

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	7470	53	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]
Antimony	< 2.1	2.1	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]
Arsenic	11.0	2.1	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]
Barium	218	21	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]
Beryllium	0.69	0.21	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]
Cadmium	6.6	0.53	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]
Calcium	46400	2700	mg/kg	5	12/24/25	12/30/25	MM	SW846 6010D [3]	SW846 3050B [4]
Chromium	25.4	1.1	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]
Cobalt	6.7	5.3	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]
Copper	241	2.7	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]
Iron	18400	53	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]
Lead	605	2.1	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]
Magnesium	10300	530	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]
Manganese	399	1.6	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]
Mercury	0.16	0.031	mg/kg	1	12/23/25	12/24/25	MK	SW846 7471B [1]	SW846 7471B [5]
Nickel	36.9	4.3	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]
Potassium	< 1100	1100	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]
Selenium	< 2.1	2.1	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]
Silver	0.75	0.53	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]
Sodium	< 1100	1100	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]
Thallium	< 1.1	1.1	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]
Vanadium	42.0	5.3	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]
Zinc	567	5.3	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]

(1) Instrument QC Batch: MA59999
(2) Instrument QC Batch: MA60019
(3) Instrument QC Batch: MA60034
(4) Prep QC Batch: MP59508
(5) Prep QC Batch: MP59510

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB07_2-4		
Lab Sample ID:	JE25794-4	**Date Sampled:**	12/22/25
Matrix:	SO - Soil	**Date Received:**	12/22/25
		Percent Solids:	89.9
Project:	252 3rd Street, Brooklyn, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent	< 0.45	0.45	mg/kg	1	01/02/26 17:10	JOO	SW846 3060A/7196A
Chromium, Trivalent [a]	25.4	1.6	mg/kg	1	01/02/26 17:10	JOO	SW846 6010/7196A M
Cyanide	0.42	0.22	mg/kg	1	12/29/25 15:18	SS	SW846 9012B/LACHAT
Solids, Percent	89.9		%	1	12/23/25 15:00	RB	SM2540 G 18TH ED MOD

(a) Calculated as: (Chromium) - (Chromium, Hexavalent)

RL = Reporting Limit

Report of Analysis

Client Sample ID:	DUP01_122225		
Lab Sample ID:	JE25794-5	**Date Sampled:**	12/22/25
Matrix:	SO - Soil	**Date Received:**	12/22/25
Method:	SW846 8260D	**Percent Solids:**	89.3
Project:	252 3rd Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C197955.D	1	12/24/25 19:08	PS	n/a	n/a	V3C8564
Run #2							

	Initial Weight
Run #1	3.6 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone [a]	49.5	16	6.4	ug/kg	
71-43-2	Benzene	ND	0.78	0.71	ug/kg	
74-97-5	Bromochloromethane	ND	7.8	0.87	ug/kg	
75-27-4	Bromodichloromethane	ND	3.1	0.67	ug/kg	
75-25-2	Bromoform	ND	7.8	2.1	ug/kg	
74-83-9	Bromomethane [b]	ND	7.8	1.2	ug/kg	
78-93-3	2-Butanone (MEK)	ND	16	3.8	ug/kg	
75-15-0	Carbon disulfide	ND	3.1	0.83	ug/kg	
56-23-5	Carbon tetrachloride	ND	3.1	0.96	ug/kg	
108-90-7	Chlorobenzene	ND	3.1	0.71	ug/kg	
75-00-3	Chloroethane [b]	ND	7.8	0.92	ug/kg	
67-66-3	Chloroform	ND	3.1	1.6	ug/kg	
74-87-3	Chloromethane	ND	7.8	3.0	ug/kg	
110-82-7	Cyclohexane	ND	3.1	1.0	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.1	1.1	ug/kg	
124-48-1	Dibromochloromethane	ND	3.1	0.87	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.6	0.65	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.6	0.85	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.6	0.77	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.6	0.77	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	7.8	1.1	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.6	0.77	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.6	0.73	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.6	1.0	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.6	1.3	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.6	0.95	ug/kg	
78-87-5	1,2-Dichloropropane	ND	3.1	0.74	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	3.1	0.74	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	3.1	0.71	ug/kg	
100-41-4	Ethylbenzene	ND	1.6	0.70	ug/kg	
76-13-1	Freon 113	ND	7.8	4.2	ug/kg	
591-78-6	2-Hexanone	ND	7.8	3.3	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: DUP01_122225
Lab Sample ID: JE25794-5
Matrix: SO - Soil
Method: SW846 8260D
Project: 252 3rd Street, Brooklyn, NY

Date Sampled: 12/22/25
Date Received: 12/22/25
Percent Solids: 89.3

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	3.1	2.2	ug/kg	
79-20-9	Methyl Acetate	ND	7.8	2.2	ug/kg	
108-87-2	Methylcyclohexane	ND	3.1	1.4	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.6	0.73	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	7.8	3.5	ug/kg	
75-09-2	Methylene chloride	5.7	7.8	4.1	ug/kg	J
100-42-5	Styrene	ND	3.1	0.63	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	3.1	0.93	ug/kg	
127-18-4	Tetrachloroethene	ND	3.1	0.90	ug/kg	
108-88-3	Toluene	ND	1.6	0.82	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	7.8	3.9	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	7.8	3.9	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	3.1	0.75	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	3.1	0.86	ug/kg	
79-01-6	Trichloroethene	ND	1.6	1.2	ug/kg	
75-69-4	Trichlorofluoromethane	ND	7.8	1.1	ug/kg	
75-01-4	Vinyl chloride	ND	3.1	0.75	ug/kg	
	m,p-Xylene	ND	1.6	1.4	ug/kg	
95-47-6	o-Xylene	ND	1.6	0.71	ug/kg	
1330-20-7	Xylene (total)	ND	1.6	0.71	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		80-124%
17060-07-0	1,2-Dichloroethane-D4	113%		75-133%
2037-26-5	Toluene-D8	102%		79-125%
460-00-4	4-Bromofluorobenzene	121%		58-148%

(a) Associated CCV outside of control limits high.
(b) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP01_122225		
Lab Sample ID:	JE25794-5	**Date Sampled:**	12/22/25
Matrix:	SO - Soil	**Date Received:**	12/22/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	89.3
Project:	252 3rd Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6P524689.D	1	12/30/25 01:58	AO	12/26/25 13:00	OP70034	E6P4542
Run #2							

	Initial Weight	Final Volume
Run #1	30.8 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	73	18	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	180	22	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	180	31	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	180	65	ug/kg	
51-28-5	2,4-Dinitrophenol [a]	ND	180	140	ug/kg	
534-52-1	4,6-Dinitro-o-cresol [a]	ND	180	39	ug/kg	
95-48-7	2-Methylphenol	ND	73	23	ug/kg	
	3&4-Methylphenol	ND	73	30	ug/kg	
88-75-5	2-Nitrophenol [a]	ND	180	24	ug/kg	
100-02-7	4-Nitrophenol	ND	360	97	ug/kg	
87-86-5	Pentachlorophenol [a]	ND	150	34	ug/kg	
108-95-2	Phenol	ND	73	19	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	180	24	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	180	27	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	180	22	ug/kg	
83-32-9	Acenaphthene	ND	36	13	ug/kg	
208-96-8	Acenaphthylene	ND	36	18	ug/kg	
98-86-2	Acetophenone	ND	180	7.8	ug/kg	
120-12-7	Anthracene	175	36	22	ug/kg	
1912-24-9	Atrazine	ND	73	16	ug/kg	
56-55-3	Benzo(a)anthracene	252	36	10	ug/kg	
50-32-8	Benzo(a)pyrene	270	36	17	ug/kg	
205-99-2	Benzo(b)fluoranthene	350	36	16	ug/kg	
191-24-2	Benzo(g,h,i)perylene	224	36	18	ug/kg	
207-08-9	Benzo(k)fluoranthene	126	36	17	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	73	14	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	73	8.9	ug/kg	
92-52-4	1,1'-Biphenyl	ND	73	5.0	ug/kg	
100-52-7	Benzaldehyde	ND	180	9.0	ug/kg	
91-58-7	2-Chloronaphthalene	ND	73	8.7	ug/kg	
106-47-8	4-Chloroaniline	ND	180	13	ug/kg	
86-74-8	Carbazole	ND	73	5.3	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: DUP01_122225
Lab Sample ID: JE25794-5
Matrix: SO - Soil
Method: SW846 8270E SW846 3546
Project: 252 3rd Street, Brooklyn, NY

Date Sampled: 12/22/25
Date Received: 12/22/25
Percent Solids: 89.3

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	73	14	ug/kg	
218-01-9	Chrysene	253	36	11	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	73	7.8	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	73	16	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	73	13	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	73	12	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	36	11	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	36	18	ug/kg	
91-94-1	3,3'-Dichlorobenzidine [a]	ND	73	30	ug/kg	
123-91-1	1,4-Dioxane	ND	36	24	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	36	16	ug/kg	
132-64-9	Dibenzofuran	ND	73	15	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	73	5.9	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	73	9.1	ug/kg	
84-66-2	Diethyl phthalate	ND	73	7.7	ug/kg	
131-11-3	Dimethyl phthalate	ND	73	6.5	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	369	73	8.5	ug/kg	
206-44-0	Fluoranthene	462	36	16	ug/kg	
86-73-7	Fluorene	ND	36	17	ug/kg	
118-74-1	Hexachlorobenzene	ND	73	9.2	ug/kg	
87-68-3	Hexachlorobutadiene	ND	36	15	ug/kg	
77-47-4	Hexachlorocyclopentadiene [a]	ND	360	14	ug/kg	
67-72-1	Hexachloroethane	ND	180	18	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	181	36	17	ug/kg	
78-59-1	Isophorone	ND	73	7.8	ug/kg	
91-57-6	2-Methylnaphthalene	ND	36	8.2	ug/kg	
88-74-4	2-Nitroaniline	ND	180	8.6	ug/kg	
99-09-2	3-Nitroaniline	ND	180	9.1	ug/kg	
100-01-6	4-Nitroaniline	ND	180	9.4	ug/kg	
91-20-3	Naphthalene	ND	36	10	ug/kg	
98-95-3	Nitrobenzene	ND	73	14	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	73	11	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	180	13	ug/kg	
85-01-8	Phenanthrene	176	36	12	ug/kg	
129-00-0	Pyrene	479	36	12	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	180	9.2	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	41%		10-99%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP01_122225		
Lab Sample ID:	JE25794-5	**Date Sampled:**	12/22/25
Matrix:	SO - Soil	**Date Received:**	12/22/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	89.3
Project:	252 3rd Street, Brooklyn, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	42%		10-96%
118-79-6	2,4,6-Tribromophenol	42%		10-123%
4165-60-0	Nitrobenzene-d5	41%		10-109%
321-60-8	2-Fluorobiphenyl	47%		11-109%
1718-51-0	Terphenyl-d14	43%		10-120%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP01_122225		
Lab Sample ID:	JE25794-5	**Date Sampled:**	12/22/25
Matrix:	SO - Soil	**Date Received:**	12/22/25
Method:	SW846 8082A SW846 3570	**Percent Solids:**	89.3
Project:	252 3rd Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	RM43824.D	1	12/27/25 02:40	MLC	12/24/25 13:00	OP70047	GRM1059
Run #2							

	Initial Weight	Final Volume
Run #1	5.1 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	22	9.3	ug/kg	
11104-28-2	Aroclor 1221	ND	22	7.4	ug/kg	
11141-16-5	Aroclor 1232	ND	22	18	ug/kg	
53469-21-9	Aroclor 1242	ND	22	13	ug/kg	
12672-29-6	Aroclor 1248	ND	22	4.7	ug/kg	
11097-69-1	Aroclor 1254	76.6	22	2.4	ug/kg	
11096-82-5	Aroclor 1260	153	22	7.6	ug/kg	
11100-14-4	Aroclor 1268	ND	22	2.2	ug/kg	
37324-23-5	Aroclor 1262	ND	22	1.8	ug/kg	
1336-36-3	Total PCBs	230	22	1.8	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	77%		35-154%
877-09-8	Tetrachloro-m-xylene	83%		35-154%
2051-24-3	Decachlorobiphenyl	56%		24-176%
2051-24-3	Decachlorobiphenyl	76%		24-176%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP01_122225		
Lab Sample ID:	JE25794-5	**Date Sampled:**	12/22/25
Matrix:	SO - Soil	**Date Received:**	12/22/25
		Percent Solids:	89.3
Project:	252 3rd Street, Brooklyn, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	7230	57	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]
Antimony	2.3	2.3	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]
Arsenic	8.1	2.3	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]
Barium	218	23	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]
Beryllium	0.79	0.23	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]
Cadmium	6.9	0.57	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]
Calcium	47100	2900	mg/kg	5	12/24/25	12/30/25	MM	SW846 6010D [3]	SW846 3050B [4]
Chromium	26.3	1.1	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]
Cobalt	7.1	5.7	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]
Copper	210	2.9	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]
Iron	21400	57	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]
Lead	582	2.3	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]
Magnesium	11000	570	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]
Manganese	443	1.7	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]
Mercury	0.18	0.032	mg/kg	1	12/23/25	12/24/25	MK	SW846 7471B [1]	SW846 7471B [5]
Nickel	38.9	4.6	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]
Potassium	< 1100	1100	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]
Selenium	< 2.3	2.3	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]
Silver	0.80	0.57	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]
Sodium	< 1100	1100	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]
Thallium	< 1.1	1.1	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]
Vanadium	43.0	5.7	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]
Zinc	564	5.7	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [4]

(1) Instrument QC Batch: MA59999
(2) Instrument QC Batch: MA60019
(3) Instrument QC Batch: MA60034
(4) Prep QC Batch: MP59508
(5) Prep QC Batch: MP59510

RL = Reporting Limit

Report of Analysis

Client Sample ID:	DUP01_122225		
Lab Sample ID:	JE25794-5	**Date Sampled:**	12/22/25
Matrix:	SO - Soil	**Date Received:**	12/22/25
		Percent Solids:	89.3
Project:	252 3rd Street, Brooklyn, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent	< 0.44	0.44	mg/kg	1	01/02/26 17:10	JOO	SW846 3060A/7196A
Chromium, Trivalent [a]	26.3	1.5	mg/kg	1	01/02/26 17:10	JOO	SW846 6010/7196A M
Cyanide	0.66	0.27	mg/kg	1	12/29/25 15:18	SS	SW846 9012B/LACHAT
Solids, Percent	89.3		%	1	12/23/25 15:00	RB	SM2540 G 18TH ED MOD

(a) Calculated as: (Chromium) - (Chromium, Hexavalent)

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB03_1-3		
Lab Sample ID:	JE25794-6	**Date Sampled:**	12/22/25
Matrix:	SO - Soil	**Date Received:**	12/22/25
Method:	SW846 8260D	**Percent Solids:**	90.5
Project:	252 3rd Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C197956.D	1	12/24/25 19:34	PS	n/a	n/a	V3C8564
Run #2							

	Initial Weight
Run #1	5.2 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone [a]	15.9	11	4.4	ug/kg	
71-43-2	Benzene	ND	0.53	0.48	ug/kg	
74-97-5	Bromochloromethane	ND	5.3	0.59	ug/kg	
75-27-4	Bromodichloromethane	ND	2.1	0.46	ug/kg	
75-25-2	Bromoform	ND	5.3	1.4	ug/kg	
74-83-9	Bromomethane [b]	ND	5.3	0.81	ug/kg	
78-93-3	2-Butanone (MEK)	ND	11	2.6	ug/kg	
75-15-0	Carbon disulfide	ND	2.1	0.57	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.1	0.66	ug/kg	
108-90-7	Chlorobenzene	ND	2.1	0.49	ug/kg	
75-00-3	Chloroethane [b]	ND	5.3	0.63	ug/kg	
67-66-3	Chloroform	ND	2.1	1.1	ug/kg	
74-87-3	Chloromethane	ND	5.3	2.1	ug/kg	
110-82-7	Cyclohexane	ND	2.1	0.70	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.1	0.74	ug/kg	
124-48-1	Dibromochloromethane	ND	2.1	0.59	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	0.45	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.1	0.58	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.1	0.53	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.1	0.52	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.3	0.77	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.1	0.53	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	0.50	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.1	0.70	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.1	0.89	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.1	0.65	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.1	0.50	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.1	0.50	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.1	0.49	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	0.48	ug/kg	
76-13-1	Freon 113	ND	5.3	2.8	ug/kg	
591-78-6	2-Hexanone	ND	5.3	2.3	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB03_1-3		
Lab Sample ID:	JE25794-6	**Date Sampled:**	12/22/25
Matrix:	SO - Soil	**Date Received:**	12/22/25
Method:	SW846 8260D	**Percent Solids:**	90.5
Project:	252 3rd Street, Brooklyn, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.1	1.5	ug/kg	
79-20-9	Methyl Acetate	ND	5.3	1.5	ug/kg	
108-87-2	Methylcyclohexane	ND	2.1	0.93	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	0.50	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.3	2.4	ug/kg	
75-09-2	Methylene chloride	ND	5.3	2.8	ug/kg	
100-42-5	Styrene	ND	2.1	0.43	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.1	0.64	ug/kg	
127-18-4	Tetrachloroethene	ND	2.1	0.62	ug/kg	
108-88-3	Toluene	ND	1.1	0.56	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.3	2.7	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.3	2.7	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.1	0.51	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.1	0.59	ug/kg	
79-01-6	Trichloroethene	ND	1.1	0.81	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.3	0.73	ug/kg	
75-01-4	Vinyl chloride	ND	2.1	0.51	ug/kg	
	m,p-Xylene	ND	1.1	0.95	ug/kg	
95-47-6	o-Xylene	ND	1.1	0.49	ug/kg	
1330-20-7	Xylene (total)	ND	1.1	0.49	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		80-124%
17060-07-0	1,2-Dichloroethane-D4	113%		75-133%
2037-26-5	Toluene-D8	102%		79-125%
460-00-4	4-Bromofluorobenzene	125%		58-148%

(a) Associated CCV outside of control limits high.
(b) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB03_1-3		
Lab Sample ID:	JE25794-6	**Date Sampled:**	12/22/25
Matrix:	SO - Soil	**Date Received:**	12/22/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	90.5
Project:	252 3rd Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6P524690.D	1	12/30/25 02:17	AO	12/26/25 13:00	OP70034	E6P4542
Run #2	CT15596.D	2	12/31/25 01:14	RS	12/26/25 13:00	OP70034	ECT682
Run #3	CT15597.D	10	12/31/25 01:33	RS	12/26/25 13:00	OP70034	ECT682

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2	30.1 g	1.0 ml
Run #3	30.1 g	1.0 ml

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	73	18	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	180	23	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	180	31	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	180	65	ug/kg	
51-28-5	2,4-Dinitrophenol [a]	ND	180	140	ug/kg	
534-52-1	4,6-Dinitro-o-cresol [a]	ND	180	39	ug/kg	
95-48-7	2-Methylphenol	ND	73	23	ug/kg	
	3&4-Methylphenol	ND	73	30	ug/kg	
88-75-5	2-Nitrophenol [a]	ND	180	24	ug/kg	
100-02-7	4-Nitrophenol	ND	370	98	ug/kg	
87-86-5	Pentachlorophenol [a]	ND	150	34	ug/kg	
108-95-2	Phenol	ND	73	19	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	180	24	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	180	27	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	180	22	ug/kg	
83-32-9	Acenaphthene	473	37	13	ug/kg	
208-96-8	Acenaphthylene	302	37	19	ug/kg	
98-86-2	Acetophenone	ND	180	7.9	ug/kg	
120-12-7	Anthracene	1520	37	23	ug/kg	
1912-24-9	Atrazine	ND	73	16	ug/kg	
56-55-3	Benzo(a)anthracene	4230 [b]	73	21	ug/kg	
50-32-8	Benzo(a)pyrene	3800 [b]	73	33	ug/kg	
205-99-2	Benzo(b)fluoranthene	5060 [b]	73	32	ug/kg	
191-24-2	Benzo(g,h,i)perylene	3640	37	18	ug/kg	
207-08-9	Benzo(k)fluoranthene	1650	37	17	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	73	14	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	73	9.0	ug/kg	
92-52-4	1,1'-Biphenyl	45.7	73	5.0	ug/kg	J
100-52-7	Benzaldehyde	ND	180	9.1	ug/kg	
91-58-7	2-Chloronaphthalene	ND	73	8.7	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB03_1-3		
Lab Sample ID:	JE25794-6	**Date Sampled:**	12/22/25
Matrix:	SO - Soil	**Date Received:**	12/22/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	90.5
Project:	252 3rd Street, Brooklyn, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
106-47-8	4-Chloroaniline	ND	180	13	ug/kg	
86-74-8	Carbazole	693	73	5.3	ug/kg	
105-60-2	Caprolactam	ND	73	15	ug/kg	
218-01-9	Chrysene	4000 [b]	73	23	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	73	7.9	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	73	16	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	73	13	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	73	12	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	37	11	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	37	18	ug/kg	
91-94-1	3,3'-Dichlorobenzidine [a]	ND	73	31	ug/kg	
123-91-1	1,4-Dioxane	ND	37	24	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	940	37	16	ug/kg	
132-64-9	Dibenzofuran	270	73	15	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	73	6.0	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	73	9.1	ug/kg	
84-66-2	Diethyl phthalate	ND	73	7.8	ug/kg	
131-11-3	Dimethyl phthalate	ND	73	6.5	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	766	73	8.6	ug/kg	
206-44-0	Fluoranthene	11300 [c]	370	160	ug/kg	
86-73-7	Fluorene	470	37	17	ug/kg	
118-74-1	Hexachlorobenzene	ND	73	9.3	ug/kg	
87-68-3	Hexachlorobutadiene	ND	37	15	ug/kg	
77-47-4	Hexachlorocyclopentadiene [a]	ND	370	15	ug/kg	
67-72-1	Hexachloroethane	ND	180	18	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	2620	37	17	ug/kg	
78-59-1	Isophorone	ND	73	7.9	ug/kg	
91-57-6	2-Methylnaphthalene	151	37	8.3	ug/kg	
88-74-4	2-Nitroaniline	ND	180	8.7	ug/kg	
99-09-2	3-Nitroaniline	ND	180	9.2	ug/kg	
100-01-6	4-Nitroaniline	ND	180	9.5	ug/kg	
91-20-3	Naphthalene	153	37	10	ug/kg	
98-95-3	Nitrobenzene	ND	73	14	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	73	11	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	180	13	ug/kg	
85-01-8	Phenanthrene	7170 [b]	73	25	ug/kg	
129-00-0	Pyrene	8980 [c]	370	120	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	180	9.3	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB03_1-3		
Lab Sample ID:	JE25794-6	**Date Sampled:**	12/22/25
Matrix:	SO - Soil	**Date Received:**	12/22/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	90.5
Project:	252 3rd Street, Brooklyn, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Run# 3	Limits
367-12-4	2-Fluorophenol	55%	34%	0% [d]	10-99%
4165-62-2	Phenol-d5	56%	44%	17%	10-96%
118-79-6	2,4,6-Tribromophenol	55%	52%	58%	10-123%
4165-60-0	Nitrobenzene-d5	57%	42%	41%	10-109%
321-60-8	2-Fluorobiphenyl	63%	62%	65%	11-109%
1718-51-0	Terphenyl-d14	61%	58%	66%	10-120%

(a) Associated CCV outside of control limits high, sample was ND.
(b) Result is from Run# 2
(c) Result is from Run# 3
(d) Outside control limits due to dilution.

Report of Analysis

Client Sample ID:	SB03_1-3		
Lab Sample ID:	JE25794-6	**Date Sampled:**	12/22/25
Matrix:	SO - Soil	**Date Received:**	12/22/25
Method:	SW846 8082A SW846 3570	**Percent Solids:**	90.5
Project:	252 3rd Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	RM43825.D	1	12/27/25 02:55	MLC	12/24/25 13:00	OP70047	GRM1059
Run #2							

	Initial Weight	Final Volume
Run #1	5.3 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	21	8.9	ug/kg	
11104-28-2	Aroclor 1221	ND	21	7.0	ug/kg	
11141-16-5	Aroclor 1232	ND	21	17	ug/kg	
53469-21-9	Aroclor 1242	ND	21	13	ug/kg	
12672-29-6	Aroclor 1248	ND	21	4.5	ug/kg	
11097-69-1	Aroclor 1254	210	21	2.3	ug/kg	
11096-82-5	Aroclor 1260	132	21	7.2	ug/kg	
11100-14-4	Aroclor 1268	ND	21	2.1	ug/kg	
37324-23-5	Aroclor 1262	ND	21	1.7	ug/kg	
1336-36-3	Total PCBs	341	21	1.7	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	73%		35-154%
877-09-8	Tetrachloro-m-xylene	79%		35-154%
2051-24-3	Decachlorobiphenyl	84%		24-176%
2051-24-3	Decachlorobiphenyl	121%		24-176%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB03_1-3
Lab Sample ID: JE25794-6
Matrix: SO - Soil
Project: 252 3rd Street, Brooklyn, NY

Date Sampled: 12/22/25
Date Received: 12/22/25
Percent Solids: 90.5

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	14600	56	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [5]
Antimony [a]	12.2	11	mg/kg	5	12/24/25	12/30/25	MM	SW846 6010D [3]	SW846 3050B [5]
Arsenic [a]	< 11	11	mg/kg	5	12/24/25	12/30/25	MM	SW846 6010D [3]	SW846 3050B [5]
Barium	496	22	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [5]
Beryllium	17.6	0.22	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [5]
Cadmium [a]	< 2.8	2.8	mg/kg	5	12/24/25	12/30/25	MM	SW846 6010D [3]	SW846 3050B [5]
Calcium [a]	44900	2800	mg/kg	5	12/24/25	12/30/25	MM	SW846 6010D [3]	SW846 3050B [5]
Chromium	173	1.1	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [5]
Cobalt	121	5.6	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [5]
Copper	3630	14	mg/kg	5	12/24/25	12/30/25	MM	SW846 6010D [3]	SW846 3050B [5]
Iron	86500	280	mg/kg	5	12/24/25	12/30/25	MM	SW846 6010D [3]	SW846 3050B [5]
Lead [a]	2330	11	mg/kg	5	12/24/25	12/30/25	MM	SW846 6010D [3]	SW846 3050B [5]
Magnesium	6830	560	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [5]
Manganese	896	8.3	mg/kg	5	12/24/25	12/30/25	MM	SW846 6010D [3]	SW846 3050B [5]
Mercury	0.11	0.033	mg/kg	1	12/23/25	12/24/25	MK	SW846 7471B [1]	SW846 7471B [6]
Nickel [a]	1350	22	mg/kg	5	12/24/25	12/30/25	MM	SW846 6010D [3]	SW846 3050B [5]
Potassium	< 1100	1100	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [5]
Selenium [a]	< 11	11	mg/kg	5	12/24/25	12/30/25	MM	SW846 6010D [3]	SW846 3050B [5]
Silver [a]	8.0	2.8	mg/kg	5	12/24/25	12/30/25	MM	SW846 6010D [3]	SW846 3050B [5]
Sodium	1680	1100	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [5]
Thallium [a]	< 5.6	5.6	mg/kg	5	12/24/25	12/30/25	MM	SW846 6010D [3]	SW846 3050B [5]
Vanadium	21.0	5.6	mg/kg	1	12/24/25	12/25/25	MM	SW846 6010D [2]	SW846 3050B [5]
Zinc	8160	110	mg/kg	20	12/24/25	12/31/25	LM	SW846 6010D [4]	SW846 3050B [5]

(1) Instrument QC Batch: MA59999
(2) Instrument QC Batch: MA60019
(3) Instrument QC Batch: MA60034
(4) Instrument QC Batch: MA60045
(5) Prep QC Batch: MP59508
(6) Prep QC Batch: MP59510

(a) Elevated detection limit due to dilution required for high interfering element.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB03_1-3		
Lab Sample ID:	JE25794-6	**Date Sampled:**	12/22/25
Matrix:	SO - Soil	**Date Received:**	12/22/25
		Percent Solids:	90.5
Project:	252 3rd Street, Brooklyn, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent	211	11	mg/kg	25	01/02/26 17:10	JOO	SW846 3060A/7196A
Chromium, Trivalent [a]	< 40	40	mg/kg	1	01/02/26 17:10	JOO	SW846 6010/7196A M
Cyanide	11.8	0.25	mg/kg	1	12/29/25 15:19	SS	SW846 9012B/LACHAT
Solids, Percent	90.5		%	1	12/23/25 15:00	RB	SM2540 G 18TH ED MOD

(a) Calculated as: (Chromium) - (Chromium, Hexavalent). Detection limit raised due to variations in the total and hexavalent chromium.

RL = Reporting Limit

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Certification Exceptions
- Chain of Custody

Parameter Certification Exceptions

Job Number: JE25794
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

The following parameters included in this report are exceptions to NELAC certification.
The certification status of each is indicated below.

Parameter	CAS#	Method	Mat	Certification Status
Chromium, Trivalent		**SW846 6010/7196A M**	SO	SGS is not certified for this parameter.[a]

(a) Lab cert for analyte not supported by NJDEP, OQA. Only methods/analytes required for reporting by the State of NJ can be certified in NJ. Use of this analyte for compliance must be verified through the appropriate regulatory office.

Certification exceptions shown are based on the New Jersey DEP certifications. Applicability in other states may vary. Please contact your laboratory representative if additional information is required for a specific regulatory program.

CHAIN OF CUSTODY

SGS North America Inc. - Dayton
2235 Route 130, Dayton, NJ 08810
TEL. 732-329-0200
www.sgs.com/chsusa

JE25794

Page 1 of 1

FED-EX Tracking #

Bottle Order Control # CF-121625-128

SGS Quote #

SGS Job #

Client / Reporting Information

Company Name: Langan NYC
Street Address: 368 Ninth Ave, 8th Fl
City: New York State: NY Zip: 10001
Project Contact: Elizabeth Adkins E-mail: Eadkins@langan.com
Phone #: (212) 479-5400
Sampler(s) Name(s): Lisa Cristiano Phone #: (646) 906-0687

Project Information

Project Name: 252 3rd Street
Street: 252 3rd Street
City: Brooklyn State: NY
Project #: 170178401
Client Purchase Order #
Project Manager
Attention:

Billing Information (if different from Report to)

Company Name: SAME
Street Address
City State Zip

Analysis Requested

Part 375/TCL VOCs + SVOCs, Part 375/TAL metals + Cyanide, Hexavalent Chromium, PCBs + Cyanide

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL - Sludge
SED - Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB - Field Blank
EB-Equipment Blank
RB - Rinse Blank
TB - Trip Blank

SGS Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Grab (G) Comp (C)	Source Chlorinated (Y/N)	Matrix	Number of Bottles # of bottles	HCl	NaOH	HNO_3	H_2SO_4	NONE	DI Water	MEOH	ENCORE	pH Check (Lab Use Only)	LAB USE ONLY
1	SB01_2-4		12/12/25	10:30	LC	G	N	SO	3							X			
2	SB04_2-4			12:02												X			
3	SB02_1-3			13:15												X			
4	SB07_2-4			14:50												X			
5	DUP01-122225															X			
6	SB03_1-3			15:15												X			

Turn Around Time (Business Days)

Approved By (SGS PM) / Date:

- [X] 10 Business Days
- [ ] 5 Business Days
- [ ] 3 Business Days*
- [ ] 2 Business Days*
- [ ] 1 Business Day*
- [ ] Other

All data available via SGS Engage

* Approval needed for 1-3 BD TAT

Deliverable

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] NJ Reduced (Level 3)
- [ ] Full Tier I (Level 4)
- [ ] Commercial "C"
- [ ] NJ DKQP
- [ ] NJGW Criteria 2025 "new"
- [ ] NYASP Category A
- [X] NYASP Category B
- [ ] MA MCP Criteria ____
- [ ] CT RCP Criteria ____
- [ ] State Forms
- [ ] EDD Format ____

Commercial "A" = Results only; Commercial "B" = Results + QC Summary
Commercial "C" = Results + QC Summary + Partial Raw data

Comments / Special Instructions

Please cc datamanagement@langan.com + lcristiano@langan.com

for CofC

http://www.sgs.com/en/terms-and-conditions

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished By:	Date / Time:	Received By:
1	LC Cristiano	12/12/25 15:27	Raymond Orr II
2	Raymond Orr II	12/12/25 17:25	
3			
4			
5			

Custody Seal # ☐ Intact ☐ Not Intact ☐ Absent

Therm ID: See Sample Receipt Summary On Ice ☒ Cooler Temp. °C 2.1

Ref No: G140222989

SGS Sample Receipt Summary

Job Number: JE25794 **Client:** LANGAN ENGINEERING & ENVIRONMEN **Project:** 252 3RD STREET, BROOKLYN, NY

Date / Time Received: 12/22/2025 7:23:00 PM **Delivery Method:** IMP **Airbill #'s:**

Cooler Temps (Raw Measured) °C: Cooler 1: (2.1);

Cooler Temps (Corrected) °C: Cooler 1: (2.2);

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	IR-50		
3. Cooler media:	Ice (Bag)		
4. No. Coolers:	1		

Quality Control Preservation	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☑	☐
2. Trip Blank listed on COC:	☐		☑	☐
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☐		☐	☑

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Test Strip Lot #s: pH 1-12: 231619 pH 12+: 203117A Other: (Specify)

Comments

SM089-03
Rev. Date 12/7/17

Job Change Order: JE25794

Requested Date:	1/16/2026	**Received Date:**	12/22/2025
Account Name:	Langan Engineering & Environme	**Due Date:**	1/16/2026
Project Description:	252 3rd Street, Brooklyn, NY	**Deliverable:**	NYASPB
C/O Initiated By:	CARIN_FER **PM:** CF	**TAT (Days):**	6

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Sample #: JE25794-ALL **Dept:**

Client ID: **TAT:** 6

Change: Change report Deliverable to COMMB

Above Changes Per: Lisa Cristiano **Date/Time:** 1/16/2026

To Client: This Change Order is confirmation of the revisions, previously discussed with the Client Service Representative.

JE25794: Chain of Custody
Page 3 of 3

MS Volatiles

6

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (BFB)
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JE25794
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3C8564-MB	3C197945.D	1	12/24/25	PS	n/a	n/a	V3C8564

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE25794-1, JE25794-2, JE25794-3, JE25794-4, JE25794-5, JE25794-6

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	4.1	ug/kg	
71-43-2	Benzene	ND	0.50	0.46	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	0.56	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	0.43	ug/kg	
75-25-2	Bromoform	ND	5.0	1.4	ug/kg	
74-83-9	Bromomethane	ND	5.0	0.76	ug/kg	
78-93-3	2-Butanone (MEK)	ND	10	2.4	ug/kg	
75-15-0	Carbon disulfide	ND	2.0	0.54	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	0.62	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	0.46	ug/kg	
75-00-3	Chloroethane	ND	5.0	0.59	ug/kg	
67-66-3	Chloroform	ND	2.0	1.0	ug/kg	
74-87-3	Chloromethane	ND	5.0	2.0	ug/kg	
110-82-7	Cyclohexane	ND	2.0	0.66	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.69	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	0.56	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	0.42	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.55	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.49	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.73	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	0.47	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.0	0.66	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.84	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.61	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	0.47	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.48	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.46	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	0.45	ug/kg	
76-13-1	Freon 113	ND	5.0	2.7	ug/kg	
591-78-6	2-Hexanone	ND	5.0	2.1	ug/kg	
98-82-8	Isopropylbenzene	ND	2.0	1.4	ug/kg	
79-20-9	Methyl Acetate	ND	5.0	1.4	ug/kg	
108-87-2	Methylcyclohexane	ND	2.0	0.88	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.47	ug/kg	

Method Blank Summary

Job Number: JE25794
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3C8564-MB	3C197945.D	1	12/24/25	PS	n/a	n/a	V3C8564

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE25794-1, JE25794-2, JE25794-3, JE25794-4, JE25794-5, JE25794-6

CAS No.	Compound	Result	RL	MDL	Units	Q
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	2.3	ug/kg	
75-09-2	Methylene chloride	ND	5.0	2.6	ug/kg	
100-42-5	Styrene	ND	2.0	0.40	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.60	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	0.58	ug/kg	
108-88-3	Toluene	ND	1.0	0.53	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	2.5	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	2.5	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.48	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.55	ug/kg	
79-01-6	Trichloroethene	ND	1.0	0.76	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	0.68	ug/kg	
75-01-4	Vinyl chloride	ND	2.0	0.48	ug/kg	
	m,p-Xylene	ND	1.0	0.90	ug/kg	
95-47-6	o-Xylene	ND	1.0	0.46	ug/kg	
1330-20-7	Xylene (total)	ND	1.0	0.46	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	97%	80-124%
17060-07-0	1,2-Dichloroethane-D4	105%	75-133%
2037-26-5	Toluene-D8	100%	79-125%
460-00-4	4-Bromofluorobenzene	116%	58-148%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	

Blank Spike Summary

Job Number: JE25794
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3C8564-BS	3C197943.D	1	12/24/25	PS	n/a	n/a	V3C8564

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE25794-1, JE25794-2, JE25794-3, JE25794-4, JE25794-5, JE25794-6

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
67-64-1	Acetone	200	232	116	52-156
71-43-2	Benzene	50	46.2	92	82-119
74-97-5	Bromochloromethane	50	46.8	94	82-123
75-27-4	Bromodichloromethane	50	46.3	93	83-121
75-25-2	Bromoform	50	44.9	90	74-138
74-83-9	Bromomethane	50	25.8	52* [a]	56-150
78-93-3	2-Butanone (MEK)	200	194	97	72-138
75-15-0	Carbon disulfide	50	44.6	89	67-131
56-23-5	Carbon tetrachloride	50	42.9	86	72-130
108-90-7	Chlorobenzene	50	45.9	92	83-114
75-00-3	Chloroethane	50	40.2	80	67-141
67-66-3	Chloroform	50	44.0	88	76-115
74-87-3	Chloromethane	50	42.5	85	57-141
110-82-7	Cyclohexane	50	46.5	93	69-130
96-12-8	1,2-Dibromo-3-chloropropane	50	51.0	102	72-131
124-48-1	Dibromochloromethane	50	47.3	95	80-128
106-93-4	1,2-Dibromoethane	50	47.5	95	58-145
95-50-1	1,2-Dichlorobenzene	50	45.9	92	83-117
541-73-1	1,3-Dichlorobenzene	50	45.8	92	82-114
106-46-7	1,4-Dichlorobenzene	50	44.2	88	79-114
75-71-8	Dichlorodifluoromethane	50	26.3	53	49-146
75-34-3	1,1-Dichloroethane	50	45.7	91	76-126
107-06-2	1,2-Dichloroethane	50	51.0	102	76-118
75-35-4	1,1-Dichloroethene	50	47.6	95	72-125
156-59-2	cis-1,2-Dichloroethene	50	46.1	92	80-118
156-60-5	trans-1,2-Dichloroethene	50	46.6	93	76-122
78-87-5	1,2-Dichloropropane	50	46.5	93	82-123
10061-01-5	cis-1,3-Dichloropropene	50	47.3	95	83-123
10061-02-6	trans-1,3-Dichloropropene	50	48.7	97	83-123
100-41-4	Ethylbenzene	50	46.1	92	83-115
76-13-1	Freon 113	50	47.6	95	65-132
591-78-6	2-Hexanone	200	206	103	73-138
98-82-8	Isopropylbenzene	50	46.2	92	81-122
79-20-9	Methyl Acetate	50	49.6	99	63-142
108-87-2	Methylcyclohexane	50	46.1	92	73-126
1634-04-4	Methyl Tert Butyl Ether	50	50.4	101	75-126

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JE25794
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3C8564-BS	3C197943.D	1	12/24/25	PS	n/a	n/a	V3C8564

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE25794-1, JE25794-2, JE25794-3, JE25794-4, JE25794-5, JE25794-6

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
108-10-1	4-Methyl-2-pentanone(MIBK)	200	206	103	71-138
75-09-2	Methylene chloride	50	46.3	93	73-122
100-42-5	Styrene	50	46.2	92	84-122
79-34-5	1,1,2,2-Tetrachloroethane	50	47.8	96	75-127
127-18-4	Tetrachloroethene	50	45.6	91	73-125
108-88-3	Toluene	50	45.8	92	82-118
87-61-6	1,2,3-Trichlorobenzene	50	48.7	97	68-132
120-82-1	1,2,4-Trichlorobenzene	50	47.2	94	72-133
71-55-6	1,1,1-Trichloroethane	50	47.0	94	77-124
79-00-5	1,1,2-Trichloroethane	50	47.5	95	83-122
79-01-6	Trichloroethene	50	47.5	95	80-122
75-69-4	Trichlorofluoromethane	50	46.7	93	69-132
75-01-4	Vinyl chloride	50	46.6	93	60-144
	m,p-Xylene	100	89.0	89	82-119
95-47-6	o-Xylene	50	48.8	98	84-120
1330-20-7	Xylene (total)	150	138	92	83-119

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	97%	80-124%
17060-07-0	1,2-Dichloroethane-D4	106%	75-133%
2037-26-5	Toluene-D8	101%	79-125%
460-00-4	4-Bromofluorobenzene	117%	58-148%

(a) Outside of in house control limits, but within the marginal exceedance limits.

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: JE25794
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JE25794-1MS	3C197957.D	1	12/24/25	PS	n/a	n/a	V3C8564
JE25794-1	3C197951.D	1	12/24/25	PS	n/a	n/a	V3C8564

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE25794-1, JE25794-2, JE25794-3, JE25794-4, JE25794-5, JE25794-6

CAS No.	Compound	JE25794-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Limits
67-64-1	Acetone	ND		252	257	102	10-170
71-43-2	Benzene	ND		63.1	46.7	74	61-132
74-97-5	Bromochloromethane	ND		63.1	47.0	74	68-126
75-27-4	Bromodichloromethane	ND		63.1	46.8	74	65-129
75-25-2	Bromoform	ND		63.1	34.9	55	52-136
74-83-9	Bromomethane	ND		63.1	28.7	45	23-158
78-93-3	2-Butanone (MEK)	ND		252	193	76	45-142
75-15-0	Carbon disulfide	0.75	J	63.1	35.2	55	50-140
56-23-5	Carbon tetrachloride	ND		63.1	47.2	75	54-139
108-90-7	Chlorobenzene	ND		63.1	31.5	50* [a]	57-127
75-00-3	Chloroethane	ND		63.1	41.2	65	30-157
67-66-3	Chloroform	ND		63.1	48.7	77	59-127
74-87-3	Chloromethane	ND		63.1	52.3	83	49-145
110-82-7	Cyclohexane	ND		63.1	48.2	76	39-147
96-12-8	1,2-Dibromo-3-chloropropane	ND		63.1	36.0	57	35-140
124-48-1	Dibromochloromethane	ND		63.1	42.6	68	63-129
106-93-4	1,2-Dibromoethane	ND		63.1	37.7	60	45-141
95-50-1	1,2-Dichlorobenzene	ND		63.1	22.5	36* [a]	38-136
541-73-1	1,3-Dichlorobenzene	ND		63.1	20.3	32* [a]	37-135
106-46-7	1,4-Dichlorobenzene	ND		63.1	18.0	29* [a]	36-134
75-71-8	Dichlorodifluoromethane	ND		63.1	56.0	89	33-152
75-34-3	1,1-Dichloroethane	ND		63.1	51.6	82	68-131
107-06-2	1,2-Dichloroethane	ND		63.1	50.2	80	64-119
75-35-4	1,1-Dichloroethene	ND		63.1	48.4	77	60-133
156-59-2	cis-1,2-Dichloroethene	ND		63.1	43.4	69	58-133
156-60-5	trans-1,2-Dichloroethene	ND		63.1	39.3	62	62-130
78-87-5	1,2-Dichloropropane	ND		63.1	48.7	77	70-127
10061-01-5	cis-1,3-Dichloropropene	ND		63.1	26.9	43* [a]	64-126
10061-02-6	trans-1,3-Dichloropropene	ND		63.1	23.5	37* [a]	61-127
100-41-4	Ethylbenzene	ND		63.1	35.8	57	51-133
76-13-1	Freon 113	ND		63.1	51.2	81	46-138
591-78-6	2-Hexanone	ND		252	174	69	45-144
98-82-8	Isopropylbenzene	ND		63.1	36.3	58	44-142
79-20-9	Methyl Acetate	ND		63.1	63.2	100	14-192
108-87-2	Methylcyclohexane	ND		63.1	36.4	58	27-149
1634-04-4	Methyl Tert Butyl Ether	ND		63.1	55.8	88	62-125

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: JE25794
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JE25794-1MS	3C197957.D	1	12/24/25	PS	n/a	n/a	V3C8564
JE25794-1	3C197951.D	1	12/24/25	PS	n/a	n/a	V3C8564

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE25794-1, JE25794-2, JE25794-3, JE25794-4, JE25794-5, JE25794-6

CAS No.	Compound	JE25794-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Limits
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		252	194	77	50-138
75-09-2	Methylene chloride	ND		63.1	51.2	81	63-127
100-42-5	Styrene	ND		63.1	ND	0* [a]	48-143
79-34-5	1,1,2,2-Tetrachloroethane	ND		63.1	46.1	73	44-135
127-18-4	Tetrachloroethene	ND		63.1	35.2	56	38-146
108-88-3	Toluene	ND		63.1	40.9	65	56-135
87-61-6	1,2,3-Trichlorobenzene	ND		63.1	9.8	16	10-153
120-82-1	1,2,4-Trichlorobenzene	ND		63.1	8.7	14	10-158
71-55-6	1,1,1-Trichloroethane	ND		63.1	53.6	85	61-134
79-00-5	1,1,2-Trichloroethane	ND		63.1	46.1	73	62-133
79-01-6	Trichloroethene	ND		63.1	39.5	63	52-144
75-69-4	Trichlorofluoromethane	ND		63.1	47.2	75	50-141
75-01-4	Vinyl chloride	ND		63.1	49.7	79	48-151
	m,p-Xylene	ND		126	66.5	53	51-135
95-47-6	o-Xylene	ND		63.1	40.2	64	52-137
1330-20-7	Xylene (total)	ND		189	107	57	50-138

CAS No.	Surrogate Recoveries	MS	JE25794-1	Limits
1868-53-7	Dibromofluoromethane	101%	103%	80-124%
17060-07-0	1,2-Dichloroethane-D4	107%	116%	75-133%
2037-26-5	Toluene-D8	104%	106%	79-125%
460-00-4	4-Bromofluorobenzene	125%	138%	58-148%

(a) Outside control limits due to matrix interference.

* = Outside of Control Limits.

Duplicate Summary

Job Number: JE25794
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JE25794-2DUP	3C197959.D	1	12/24/25	PS	n/a	n/a	V3C8564
JE25794-2	3C197952.D	1	12/24/25	PS	n/a	n/a	V3C8564

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE25794-1, JE25794-2, JE25794-3, JE25794-4, JE25794-5, JE25794-6

CAS No.	Compound	JE25794-2 ug/kg	Q	DUP ug/kg	Q	RPD	Limits
67-64-1	Acetone	23.5		8.0	J	98* [a]	50
71-43-2	Benzene	ND		ND		nc	44
74-97-5	Bromochloromethane	ND		ND		nc	30
75-27-4	Bromodichloromethane	ND		ND		nc	22
75-25-2	Bromoform	ND		ND		nc	30
74-83-9	Bromomethane	ND		ND		nc	10
78-93-3	2-Butanone (MEK)	ND		ND		nc	15
75-15-0	Carbon disulfide	ND		ND		nc	43
56-23-5	Carbon tetrachloride	ND		ND		nc	38
108-90-7	Chlorobenzene	ND		ND		nc	11
75-00-3	Chloroethane	ND		ND		nc	10
67-66-3	Chloroform	ND		ND		nc	14
74-87-3	Chloromethane	ND		ND		nc	30
110-82-7	Cyclohexane	ND		ND		nc	44
96-12-8	1,2-Dibromo-3-chloropropane	ND		ND		nc	30
124-48-1	Dibromochloromethane	ND		ND		nc	10
106-93-4	1,2-Dibromoethane	ND		ND		nc	30
95-50-1	1,2-Dichlorobenzene	ND		ND		nc	10
541-73-1	1,3-Dichlorobenzene	ND		ND		nc	30
106-46-7	1,4-Dichlorobenzene	ND		ND		nc	10
75-71-8	Dichlorodifluoromethane	ND		ND		nc	30
75-34-3	1,1-Dichloroethane	ND		ND		nc	25
107-06-2	1,2-Dichloroethane	ND		ND		nc	10
75-35-4	1,1-Dichloroethene	ND		ND		nc	10
156-59-2	cis-1,2-Dichloroethene	ND		ND		nc	36
156-60-5	trans-1,2-Dichloroethene	ND		ND		nc	14
78-87-5	1,2-Dichloropropane	ND		ND		nc	30
10061-01-5	cis-1,3-Dichloropropene	ND		ND		nc	30
10061-02-6	trans-1,3-Dichloropropene	ND		ND		nc	30
100-41-4	Ethylbenzene	ND		ND		nc	35
76-13-1	Freon 113	ND		ND		nc	10
591-78-6	2-Hexanone	ND		ND		nc	10
98-82-8	Isopropylbenzene	ND		ND		nc	28
79-20-9	Methyl Acetate	ND		ND		nc	37
108-87-2	Methylcyclohexane	ND		ND		nc	43
1634-04-4	Methyl Tert Butyl Ether	ND		ND		nc	21

* = Outside of Control Limits.

Duplicate Summary

Job Number: JE25794
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JE25794-2DUP	3C197959.D	1	12/24/25	PS	n/a	n/a	V3C8564
JE25794-2	3C197952.D	1	12/24/25	PS	n/a	n/a	V3C8564

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE25794-1, JE25794-2, JE25794-3, JE25794-4, JE25794-5, JE25794-6

CAS No.	Compound	JE25794-2 ug/kg	Q	DUP ug/kg	Q	RPD	Limits
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		ND		nc	10
75-09-2	Methylene chloride	ND		ND		nc	10
100-42-5	Styrene	ND		ND		nc	10
79-34-5	1,1,2,2-Tetrachloroethane	ND		ND		nc	10
127-18-4	Tetrachloroethene	ND		ND		nc	43
108-88-3	Toluene	ND		ND		nc	37
87-61-6	1,2,3-Trichlorobenzene	ND		ND		nc	30
120-82-1	1,2,4-Trichlorobenzene	ND		ND		nc	10
71-55-6	1,1,1-Trichloroethane	ND		ND		nc	21
79-00-5	1,1,2-Trichloroethane	ND		ND		nc	10
79-01-6	Trichloroethene	ND		ND		nc	44
75-69-4	Trichlorofluoromethane	ND		ND		nc	30
75-01-4	Vinyl chloride	ND		ND		nc	22
	m,p-Xylene	ND		ND		nc	44
95-47-6	o-Xylene	ND		ND		nc	45
1330-20-7	Xylene (total)	ND		ND		nc	60

CAS No.	Surrogate Recoveries	DUP	JE25794-2	Limits
1868-53-7	Dibromofluoromethane	102%	100%	80-124%
17060-07-0	1,2-Dichloroethane-D4	115%	114%	75-133%
2037-26-5	Toluene-D8	101%	102%	79-125%
460-00-4	4-Bromofluorobenzene	119%	120%	58-148%

(a) RPD acceptable due to low DUP and sample concentrations.

* = Outside of Control Limits.

Instrument Performance Check (BFB)

Job Number: JE25794
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample:	V3C8554-BFB	**Injection Date:**	12/09/25
Lab File ID:	3C197620.D	**Injection Time:**	17:38
Instrument ID:	GCMS3C		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	75888	20.3		Pass
75	30.0 - 60.0% of mass 95	181269	48.5		Pass
95	Base peak, 100% relative abundance	373888	100.0		Pass
96	5.0 - 9.0% of mass 95	24501	6.55		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	363051	97.1		Pass
175	5.0 - 9.0% of mass 174	26853	7.18	(7.40) [a]	Pass
176	95.0 - 101.0% of mass 174	350101	93.6	(96.4) [a]	Pass
177	5.0 - 9.0% of mass 176	23603	6.31	(6.74) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V3C8554-IC8554	3C197621.D	12/09/25	18:08	00:30	Initial cal 0.2
V3C8554-IC8554	3C197622.D	12/09/25	18:34	00:56	Initial cal 0.5
V3C8554-IC8554	3C197623.D	12/09/25	18:59	01:21	Initial cal 1
V3C8554-IC8554	3C197624.D	12/09/25	19:25	01:47	Initial cal 2
V3C8554-IC8554	3C197625.D	12/09/25	19:51	02:13	Initial cal 4
V3C8554-IC8554	3C197626.D	12/09/25	20:17	02:39	Initial cal 8
V3C8554-IC8554	3C197627.D	12/09/25	20:42	03:04	Initial cal 20
V3C8554-ICC8554	3C197628.D	12/09/25	21:08	03:30	Initial cal 50
V3C8554-IC8554	3C197629.D	12/09/25	21:34	03:56	Initial cal 100
V3C8554-IC8554	3C197630.D	12/09/25	22:00	04:22	Initial cal 200
V3C8554-ICV8554	3C197633.D	12/09/25	23:17	05:39	Initial cal verification 50
V3C8554-ICV8554	3C197634.D	12/09/25	23:43	06:05	Initial cal verification 50

Instrument Performance Check (BFB)

Job Number: JE25794
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample:	V3C8554-BFB2	**Injection Date:**	12/10/25
Lab File ID:	3C197637.D	**Injection Time:**	15:25
Instrument ID:	GCMS3C		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	67605	20.4		Pass
75	30.0 - 60.0% of mass 95	159253	48.1		Pass
95	Base peak, 100% relative abundance	331093	100.0		Pass
96	5.0 - 9.0% of mass 95	22680	6.85		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	318336	96.1		Pass
175	5.0 - 9.0% of mass 174	23485	7.09	(7.38) [a]	Pass
176	95.0 - 101.0% of mass 174	308651	93.2	(97.0) [a]	Pass
177	5.0 - 9.0% of mass 176	20691	6.25	(6.70) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V3C8554-ICV8554	3C197638.D	12/10/25	15:51	00:26	Initial cal verification 50
V3C8555-CC8554	3C197641.D	12/11/25	10:55	19:30	Continuing cal 50
V3C8555-BS	3C197642.D	12/11/25	11:45	20:20	Blank Spike
V3C8555-MB	3C197644.D	12/11/25	12:44	21:19	Method Blank
JE24609-5	3C197645.D	12/11/25	13:10	21:45	(used for QC only; not part of job JE25794)
JE24609-6	3C197646.D	12/11/25	13:36	22:11	(used for QC only; not part of job JE25794)
ZZZZZZ	3C197647.D	12/11/25	14:02	22:37	(unrelated sample)
ZZZZZZ	3C197648.D	12/11/25	14:27	23:02	(unrelated sample)
ZZZZZZ	3C197649.D	12/11/25	14:53	23:28	(unrelated sample)
ZZZZZZ	3C197650.D	12/11/25	15:19	23:54	(unrelated sample)
ZZZZZZ	3C197651.D	12/11/25	15:45	24:20	(unrelated sample)
ZZZZZZ	3C197652.D	12/11/25	16:11	24:46	(unrelated sample)

Surrogate Recovery Summary

Job Number: JE25794
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Method: SW846 8260D **Matrix:** SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4
JE25794-1	3C197951.D	103	116	106	138
JE25794-2	3C197952.D	100	114	102	120
JE25794-3	3C197953.D	101	113	101	121
JE25794-4	3C197954.D	101	114	101	126
JE25794-5	3C197955.D	102	113	102	121
JE25794-6	3C197956.D	102	113	102	125
JE25794-1MS	3C197957.D	101	107	104	125
JE25794-2DUP	3C197959.D	102	115	101	119
V3C8564-BS	3C197943.D	97	106	101	117
V3C8564-MB	3C197945.D	97	105	100	116

Surrogate Compounds	Recovery Limits
S1 = Dibromofluoromethane	80-124%
S2 = 1,2-Dichloroethane-D4	75-133%
S3 = Toluene-D8	79-125%
S4 = 4-Bromofluorobenzene	58-148%

MS Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (DFTPP)
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JE25794
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP70034-MB1	6P524664.D	1	12/29/25	AO	12/26/25	OP70034	E6P4542

The QC reported here applies to the following samples: **Method:** SW846 8270E

JE25794-1, JE25794-2, JE25794-3, JE25794-4, JE25794-5, JE25794-6

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	67	16	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	20	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	28	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	59	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	170	130	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	170	36	ug/kg	
95-48-7	2-Methylphenol	ND	67	21	ug/kg	
	3&4-Methylphenol	ND	67	27	ug/kg	
88-75-5	2-Nitrophenol	ND	170	22	ug/kg	
100-02-7	4-Nitrophenol	ND	330	89	ug/kg	
87-86-5	Pentachlorophenol	ND	130	31	ug/kg	
108-95-2	Phenol	ND	67	17	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	170	22	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	25	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	20	ug/kg	
83-32-9	Acenaphthene	ND	33	11	ug/kg	
208-96-8	Acenaphthylene	ND	33	17	ug/kg	
98-86-2	Acetophenone	ND	170	7.2	ug/kg	
120-12-7	Anthracene	ND	33	20	ug/kg	
1912-24-9	Atrazine	ND	67	14	ug/kg	
56-55-3	Benzo(a)anthracene	ND	33	9.4	ug/kg	
50-32-8	Benzo(a)pyrene	ND	33	15	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	33	15	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	33	17	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	33	16	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	67	13	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	67	8.1	ug/kg	
92-52-4	1,1'-Biphenyl	ND	67	4.6	ug/kg	
100-52-7	Benzaldehyde	ND	170	8.3	ug/kg	
91-58-7	2-Chloronaphthalene	ND	67	7.9	ug/kg	
106-47-8	4-Chloroaniline	ND	170	12	ug/kg	
86-74-8	Carbazole	ND	67	4.8	ug/kg	
105-60-2	Caprolactam	ND	67	13	ug/kg	
218-01-9	Chrysene	ND	33	10	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	67	7.1	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	67	14	ug/kg	

Method Blank Summary

Job Number: JE25794
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP70034-MB1	6P524664.D	1	12/29/25	AO	12/26/25	OP70034	E6P4542

The QC reported here applies to the following samples: **Method:** SW846 8270E

JE25794-1, JE25794-2, JE25794-3, JE25794-4, JE25794-5, JE25794-6

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	67	12	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	67	11	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	33	10	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	33	17	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	67	28	ug/kg	
123-91-1	1,4-Dioxane	ND	33	22	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	33	15	ug/kg	
132-64-9	Dibenzofuran	ND	67	14	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	67	5.4	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	67	8.3	ug/kg	
84-66-2	Diethyl phthalate	ND	67	7.1	ug/kg	
131-11-3	Dimethyl phthalate	ND	67	5.9	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	67	7.8	ug/kg	
206-44-0	Fluoranthene	ND	33	15	ug/kg	
86-73-7	Fluorene	ND	33	15	ug/kg	
118-74-1	Hexachlorobenzene	ND	67	8.4	ug/kg	
87-68-3	Hexachlorobutadiene	ND	33	13	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	330	13	ug/kg	
67-72-1	Hexachloroethane	ND	170	16	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	33	16	ug/kg	
78-59-1	Isophorone	ND	67	7.1	ug/kg	
91-57-6	2-Methylnaphthalene	ND	33	7.5	ug/kg	
88-74-4	2-Nitroaniline	ND	170	7.9	ug/kg	
99-09-2	3-Nitroaniline	ND	170	8.3	ug/kg	
100-01-6	4-Nitroaniline	ND	170	8.6	ug/kg	
91-20-3	Naphthalene	ND	33	9.4	ug/kg	
98-95-3	Nitrobenzene	ND	67	13	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	67	9.6	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	12	ug/kg	
85-01-8	Phenanthrene	ND	33	11	ug/kg	
129-00-0	Pyrene	ND	33	11	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	170	8.5	ug/kg	

Method Blank Summary

Job Number: JE25794
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP70034-MB1	6P524664.D	1	12/29/25	AO	12/26/25	OP70034	E6P4542

The QC reported here applies to the following samples: **Method:** SW846 8270E

JE25794-1, JE25794-2, JE25794-3, JE25794-4, JE25794-5, JE25794-6

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	51%	10-99%
4165-62-2	Phenol-d5	51%	10-96%
118-79-6	2,4,6-Tribromophenol	55%	10-123%
4165-60-0	Nitrobenzene-d5	48%	10-109%
321-60-8	2-Fluorobiphenyl	53%	11-109%
1718-51-0	Terphenyl-d14	60%	10-120%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Unknown	10.03	190	ug/kg	J
	Octadecenamide, (Z)-	10.93	170	ug/kg	J
	Total TIC, Semi-Volatile		360	ug/kg	J

Blank Spike/Blank Spike Duplicate Summary

Job Number: JE25794
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP70034-BS1	6P524665.D	1	12/29/25	AO	12/26/25	OP70034	E6P4542
OP70034-BSD	6P524666.D	1	12/29/25	AO	12/26/25	OP70034	E6P4542

The QC reported here applies to the following samples: **Method:** SW846 8270E

JE25794-1, JE25794-2, JE25794-3, JE25794-4, JE25794-5, JE25794-6

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
95-57-8	2-Chlorophenol	1670	1140	68	1130	68	1	10-135/43
59-50-7	4-Chloro-3-methyl phenol	1670	1310	79	1360	82	4	10-141/46
120-83-2	2,4-Dichlorophenol	1670	1270	76	1340	80	5	10-139/43
105-67-9	2,4-Dimethylphenol	1670	1180	71	1220	73	3	10-141/44
51-28-5	2,4-Dinitrophenol	3330	2720	82	2540	76	7	10-138/90
534-52-1	4,6-Dinitro-o-cresol	1670	1660	100	1720	103	4	10-156/64
95-48-7	2-Methylphenol	1670	1160	70	1190	71	3	10-139/45
	3&4-Methylphenol	3330	2360	71	2390	72	1	10-174/46
88-75-5	2-Nitrophenol	1670	1420	85	1450	87	2	10-142/43
100-02-7	4-Nitrophenol	1670	1180	71	1290	77	9	10-144/51
87-86-5	Pentachlorophenol	3330	2800	84	2820	85	1	10-165/51
108-95-2	Phenol	1670	1140	68	1150	69	1	23-115/45
58-90-2	2,3,4,6-Tetrachlorophenol	1670	1390	83	1440	86	4	10-146/48
95-95-4	2,4,5-Trichlorophenol	1670	1340	80	1420	85	6	13-136/47
88-06-2	2,4,6-Trichlorophenol	1670	1340	80	1410	85	5	10-142/46
83-32-9	Acenaphthene	1670	1180	71	1210	73	3	10-141/45
208-96-8	Acenaphthylene	1670	1200	72	1250	75	4	10-133/45
98-86-2	Acetophenone	1670	1090	65	1090	65	0	23-115/44
120-12-7	Anthracene	1670	1250	75	1300	78	4	10-144/49
1912-24-9	Atrazine	1670	1410	85	1450	87	3	17-149/47
56-55-3	Benzo(a)anthracene	1670	1260	76	1310	79	4	11-139/48
50-32-8	Benzo(a)pyrene	1670	1290	77	1340	80	4	13-141/48
205-99-2	Benzo(b)fluoranthene	1670	1230	74	1280	77	4	14-140/48
191-24-2	Benzo(g,h,i)perylene	1670	1180	71	1240	74	5	13-138/50
207-08-9	Benzo(k)fluoranthene	1670	1280	77	1300	78	2	12-140/47
101-55-3	4-Bromophenyl phenyl ether	1670	1320	79	1360	82	3	10-146/47
85-68-7	Butyl benzyl phthalate	1670	1530	92	1560	94	2	10-150/48
92-52-4	1,1'-Biphenyl	1670	1210	73	1220	73	1	10-141/44
100-52-7	Benzaldehyde	1670	979	59	1020	61	4	10-146/43
91-58-7	2-Chloronaphthalene	1670	1190	71	1210	73	2	10-142/42
106-47-8	4-Chloroaniline	1670	346	21	325	20	6	10-108/56
86-74-8	Carbazole	1670	1240	74	1280	77	3	10-145/49
105-60-2	Caprolactam	1670	1930	116	2040	122	6	10-187/57
218-01-9	Chrysene	1670	1170	70	1230	74	5	11-139/48
111-91-1	bis(2-Chloroethoxy)methane	1670	1190	71	1200	72	1	10-144/42
111-44-4	bis(2-Chloroethyl)ether	1670	1020	61	1010	61	1	10-145/43

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: JE25794
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP70034-BS1	6P524665.D	1	12/29/25	AO	12/26/25	OP70034	E6P4542
OP70034-BSD	6P524666.D	1	12/29/25	AO	12/26/25	OP70034	E6P4542

The QC reported here applies to the following samples: **Method:** SW846 8270E

JE25794-1, JE25794-2, JE25794-3, JE25794-4, JE25794-5, JE25794-6

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
108-60-1	2,2'-Oxybis(1-chloropropane)	1670	1070	64	1030	62	4	10-145/43
7005-72-3	4-Chlorophenyl phenyl ether	1670	1220	73	1290	77	6	10-145/46
121-14-2	2,4-Dinitrotoluene	1670	1370	82	1440	86	5	10-148/49
606-20-2	2,6-Dinitrotoluene	1670	1350	81	1410	85	4	12-145/48
91-94-1	3,3'-Dichlorobenzidine	1670	1090	65	1080	65	1	10-100/62
123-91-1	1,4-Dioxane	1670	545	33	509	31	7	10-97/37
53-70-3	Dibenzo(a,h)anthracene	1670	1220	73	1280	77	5	14-142/48
132-64-9	Dibenzofuran	1670	1200	72	1240	74	3	10-140/46
84-74-2	Di-n-butyl phthalate	1670	1310	79	1360	82	4	11-147/47
117-84-0	Di-n-octyl phthalate	1670	1680	101	1690	101	1	15-145/49
84-66-2	Diethyl phthalate	1670	1250	75	1310	79	5	10-145/46
131-11-3	Dimethyl phthalate	1670	1230	74	1270	76	3	10-144/47
117-81-7	bis(2-Ethylhexyl)phthalate	1670	1470	88	1510	91	3	26-132/48
206-44-0	Fluoranthene	1670	1190	71	1240	74	4	10-147/48
86-73-7	Fluorene	1670	1200	72	1260	76	5	12-139/45
118-74-1	Hexachlorobenzene	1670	1260	76	1300	78	3	10-144/48
87-68-3	Hexachlorobutadiene	1670	1140	68	1120	67	2	10-142/41
77-47-4	Hexachlorocyclopentadiene	3330	3140	94	3090	93	2	10-120/53
67-72-1	Hexachloroethane	1670	1070	64	1030	62	4	10-141/41
193-39-5	Indeno(1,2,3-cd)pyrene	1670	1200	72	1260	76	5	13-144/52
78-59-1	Isophorone	1670	1140	68	1170	70	3	10-139/44
91-57-6	2-Methylnaphthalene	1670	1130	68	1160	70	3	10-140/42
88-74-4	2-Nitroaniline	1670	1550	93	1580	95	2	10-148/42
99-09-2	3-Nitroaniline	1670	737	44	745	45	1	10-127/45
100-01-6	4-Nitroaniline	1670	1380	83	1460	88	6	10-143/46
91-20-3	Naphthalene	1670	1090	65	1100	66	1	10-141/40
98-95-3	Nitrobenzene	1670	1160	70	1180	71	2	10-139/42
621-64-7	N-Nitroso-di-n-propylamine	1670	1220	73	1210	73	1	10-143/41
86-30-6	N-Nitrosodiphenylamine	1670	1520	91	1530	92	1	10-145/45
85-01-8	Phenanthrene	1670	1210	73	1270	76	5	10-142/47
129-00-0	Pyrene	1670	1400	84	1460	88	4	13-141/46
95-94-3	1,2,4,5-Tetrachlorobenzene	1670	1200	72	1200	72	0	10-143/42

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: JE25794
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP70034-BS1	6P524665.D	1	12/29/25	AO	12/26/25	OP70034	E6P4542
OP70034-BSD	6P524666.D	1	12/29/25	AO	12/26/25	OP70034	E6P4542

The QC reported here applies to the following samples: **Method:** SW846 8270E

JE25794-1, JE25794-2, JE25794-3, JE25794-4, JE25794-5, JE25794-6

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
367-12-4	2-Fluorophenol	73%	74%	10-99%
4165-62-2	Phenol-d5	72%	75%	10-96%
118-79-6	2,4,6-Tribromophenol	94%	99%	10-123%
4165-60-0	Nitrobenzene-d5	68%	72%	10-109%
321-60-8	2-Fluorobiphenyl	76%	78%	11-109%
1718-51-0	Terphenyl-d14	86%	90%	10-120%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JE25794
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP70034-MS	6P524682.D	1	12/29/25	AO	12/26/25	OP70034	E6P4542
OP70034-MSD	6P524683.D	1	12/30/25	AO	12/26/25	OP70034	E6P4542
JE25790-1	6P524684.D	1	12/30/25	AO	12/26/25	OP70034	E6P4542

The QC reported here applies to the following samples: **Method:** SW846 8270E

JE25794-1, JE25794-2, JE25794-3, JE25794-4, JE25794-5, JE25794-6

CAS No.	Compound	JE25790-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
95-57-8	2-Chlorophenol	ND		1830	895	49	1830	737	40	19	10-137/86
59-50-7	4-Chloro-3-methyl phenol	ND		1830	1070	58	1830	834	46	25	10-146/84
120-83-2	2,4-Dichlorophenol	ND		1830	998	54	1830	746	41	29	10-145/86
105-67-9	2,4-Dimethylphenol	ND		1830	790	43	1830	721	39	9	10-148/87
51-28-5	2,4-Dinitrophenol	ND		3660	ND	0* [a]	3660	ND	0* [a]	nc	10-118/90
534-52-1	4,6-Dinitro-o-cresol	ND		1830	ND	0* [a]	1830	ND	0* [a]	nc	10-131/97
95-48-7	2-Methylphenol	ND		1830	930	51	1830	760	41	20	10-143/86
	3&4-Methylphenol	ND		3660	1910	52	3660	1550	42	21	10-162/87
88-75-5	2-Nitrophenol	ND		1830	947	52	1830	709	39	29	10-147/93
100-02-7	4-Nitrophenol	ND		1830	793	43	1830	560	31	34	10-152/85
87-86-5	Pentachlorophenol	ND		3660	710	19	3660	312	9* [a]	78	10-146/89
108-95-2	Phenol	ND		1830	960	52	1830	757	41	24	10-118/84
58-90-2	2,3,4,6-Tetrachlorophenol	ND		1830	783	43	1830	466	25	51	10-139/87
95-95-4	2,4,5-Trichlorophenol	ND		1830	919	50	1830	623	34	38	10-140/86
88-06-2	2,4,6-Trichlorophenol	ND		1830	1020	56	1830	721	39	34	10-141/86
83-32-9	Acenaphthene	ND		1830	1030	56	1830	792	43	26	10-156/87
208-96-8	Acenaphthylene	ND		1830	1030	56	1830	810	44	24	10-143/84
98-86-2	Acetophenone	ND		1830	901	49	1830	724	40	22	10-130/90
120-12-7	Anthracene	ND		1830	1050	57	1830	831	45	23	10-166/88
1912-24-9	Atrazine	ND		1830	1180	64	1830	933	51	23	10-148/86
56-55-3	Benzo(a)anthracene	ND		1830	1070	58	1830	829	45	25	10-163/88
50-32-8	Benzo(a)pyrene	ND		1830	1080	59	1830	858	47	23	10-163/89
205-99-2	Benzo(b)fluoranthene	ND		1830	1020	56	1830	801	44	24	10-156/91
191-24-2	Benzo(g,h,i)perylene	ND		1830	1070	58	1830	827	45	26	10-158/89
207-08-9	Benzo(k)fluoranthene	ND		1830	1030	56	1830	792	43	26	10-157/86
101-55-3	4-Bromophenyl phenyl ether	ND		1830	1100	60	1830	862	47	24	10-143/87
85-68-7	Butyl benzyl phthalate	ND		1830	1210	66	1830	932	51	26	10-161/89
92-52-4	1,1'-Biphenyl	ND		1830	1040	57	1830	824	45	23	10-143/86
100-52-7	Benzaldehyde	ND		1830	846	46	1830	734	40	14	10-148/88
91-58-7	2-Chloronaphthalene	ND		1830	1020	56	1830	799	44	24	10-145/86
106-47-8	4-Chloroaniline	ND		1830	429	23	1830	342	19	23	10-109/87
86-74-8	Carbazole	ND		1830	1080	59	1830	838	46	25	10-158/87
105-60-2	Caprolactam	ND		1830	892	49	1830	858	47	4	10-150/82
218-01-9	Chrysene	ND		1830	1010	55	1830	776	42	26	10-164/87
111-91-1	bis(2-Chloroethoxy)methane	ND		1830	996	54	1830	795	43	22	10-152/86
111-44-4	bis(2-Chloroethyl)ether	ND		1830	828	45	1830	705	38	16	10-147/86

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JE25794
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP70034-MS	6P524682.D	1	12/29/25	AO	12/26/25	OP70034	E6P4542
OP70034-MSD	6P524683.D	1	12/30/25	AO	12/26/25	OP70034	E6P4542
JE25790-1	6P524684.D	1	12/30/25	AO	12/26/25	OP70034	E6P4542

The QC reported here applies to the following samples: **Method:** SW846 8270E

JE25794-1, JE25794-2, JE25794-3, JE25794-4, JE25794-5, JE25794-6

CAS No.	Compound	JE25790-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
108-60-1	2,2'-Oxybis(1-chloropropane)	ND		1830	879	48	1830	745	41	17	10-134/88
7005-72-3	4-Chlorophenyl phenyl ether	ND		1830	1050	57	1830	824	45	24	10-142/87
121-14-2	2,4-Dinitrotoluene	ND		1830	1060	58	1830	818	45	26	10-147/86
606-20-2	2,6-Dinitrotoluene	ND		1830	1090	60	1830	834	46	27	10-147/88
91-94-1	3,3'-Dichlorobenzidine	ND		1830	997	54	1830	846	46	16	10-106/93
123-91-1	1,4-Dioxane	ND		1830	438	24	1830	424	23	3	10-102/85
53-70-3	Dibenzo(a,h)anthracene	ND		1830	1100	60	1830	858	47	25	10-149/89
132-64-9	Dibenzofuran	ND		1830	1040	57	1830	797	44	26	10-155/86
84-74-2	Di-n-butyl phthalate	ND		1830	1130	62	1830	894	49	23	10-158/86
117-84-0	Di-n-octyl phthalate	ND		1830	1210	66	1830	923	50	27	10-154/84
84-66-2	Diethyl phthalate	ND		1830	1080	59	1830	832	45	26	10-148/84
131-11-3	Dimethyl phthalate	ND		1830	1070	58	1830	821	45	26	10-144/85
117-81-7	bis(2-Ethylhexyl)phthalate	ND		1830	1170	64	1830	885	48	28	10-153/84
206-44-0	Fluoranthene	ND		1830	1070	58	1830	825	45	26	10-165/93
86-73-7	Fluorene	ND		1830	1040	57	1830	801	44	26	10-158/87
118-74-1	Hexachlorobenzene	ND		1830	1070	58	1830	858	47	22	10-139/85
87-68-3	Hexachlorobutadiene	ND		1830	936	51	1830	773	42	19	10-139/88
77-47-4	Hexachlorocyclopentadiene	ND		3660	867	24	3660	683	19	24	10-116/30
67-72-1	Hexachloroethane	ND		1830	735	40	1830	613	33	18	10-141/93
193-39-5	Indeno(1,2,3-cd)pyrene	ND		1830	1090	60	1830	860	47	24	10-160/91
78-59-1	Isophorone	ND		1830	958	52	1830	764	42	23	10-150/86
91-57-6	2-Methylnaphthalene	ND		1830	946	52	1830	769	42	21	10-145/86
88-74-4	2-Nitroaniline	ND		1830	1280	70	1830	980	53	27	10-152/77
99-09-2	3-Nitroaniline	ND		1830	1100	60	1830	858	47	25	10-136/83
100-01-6	4-Nitroaniline	ND		1830	1200	66	1830	907	50	28	10-140/81
91-20-3	Naphthalene	ND		1830	903	49	1830	749	41	19	10-146/87
98-95-3	Nitrobenzene	ND		1830	939	51	1830	787	43	18	10-146/88
621-64-7	N-Nitroso-di-n-propylamine	ND		1830	998	54	1830	772	42	26	10-147/77
86-30-6	N-Nitrosodiphenylamine	ND		1830	1210	66	1830	991	54	20	10-159/78
85-01-8	Phenanthrene	ND		1830	1030	56	1830	809	44	24	10-158/95
129-00-0	Pyrene	ND		1830	1120	61	1830	860	47	26	10-176/90
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		1830	1020	56	1830	836	46	20	10-137/87

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JE25794
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP70034-MS	6P524682.D	1	12/29/25	AO	12/26/25	OP70034	E6P4542
OP70034-MSD	6P524683.D	1	12/30/25	AO	12/26/25	OP70034	E6P4542
JE25790-1	6P524684.D	1	12/30/25	AO	12/26/25	OP70034	E6P4542

The QC reported here applies to the following samples: **Method:** SW846 8270E

JE25794-1, JE25794-2, JE25794-3, JE25794-4, JE25794-5, JE25794-6

CAS No.	Surrogate Recoveries	MS	MSD	JE25790-1	Limits
367-12-4	2-Fluorophenol	51%	43%	49%	10-99%
4165-62-2	Phenol-d5	53%	43%	53%	10-96%
118-79-6	2,4,6-Tribromophenol	61%	43%	39%	10-123%
4165-60-0	Nitrobenzene-d5	55%	45%	48%	10-109%
321-60-8	2-Fluorobiphenyl	60%	47%	58%	11-109%
1718-51-0	Terphenyl-d14	61%	46%	58%	10-120%

(a) Outside of in house control limits.

* = Outside of Control Limits.

Instrument Performance Check (DFTPP)

Job Number: JE25794
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample:	E6P4525-DFTPP	**Injection Date:**	12/05/25
Lab File ID:	6P524292.D	**Injection Time:**	13:04
Instrument ID:	GCMS6P		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	27600	51.4		Pass
68	Less than 2.0% of mass 69	255	0.47	(1.06) [a]	Pass
69	Mass 69 relative abundance	24115	44.9		Pass
70	Less than 2.0% of mass 69	0	0.00	(0.00) [a]	Pass
127	40.0 - 60.0% of mass 198	30461	56.7		Pass
197	Less than 1.0% of mass 198	0	0.00		Pass
198	Base peak, 100% relative abundance	53701	100.0		Pass
199	5.0 - 9.0% of mass 198	3500	6.52		Pass
275	10.0 - 30.0% of mass 198	12225	22.8		Pass
365	1.0 - 100.0% of mass 198	1461	2.72		Pass
441	Present, but less than mass 443	4561	8.49	(91.2) [b]	Pass
442	40.0 - 100.0% of mass 198	26699	49.7		Pass
443	17.0 - 23.0% of mass 442	5003	9.32	(18.7) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
E6P4525-IC4525	6P524294.D	12/05/25	14:24	01:20	Initial cal 1
E6P4525-IC4525	6P524295.D	12/05/25	14:43	01:39	Initial cal 2
E6P4525-IC4525	6P524296.D	12/05/25	15:01	01:57	Initial cal 5
E6P4525-IC4525	6P524297.D	12/05/25	15:20	02:16	Initial cal 10
E6P4525-IC4525	6P524298.D	12/05/25	15:39	02:35	Initial cal 25
E6P4525-ICC4525	6P524299.D	12/05/25	15:57	02:53	Initial cal 50
E6P4525-IC4525	6P524300.D	12/05/25	16:16	03:12	Initial cal 80
E6P4525-IC4525	6P524301.D	12/05/25	16:35	03:31	Initial cal 100
E6P4525-IC4525	6P524302.D	12/05/25	16:54	03:50	Initial cal 1
E6P4525-IC4525	6P524303.D	12/05/25	17:12	04:08	Initial cal 2
E6P4525-IC4525	6P524304.D	12/05/25	17:31	04:27	Initial cal 5
E6P4525-IC4525	6P524305.D	12/05/25	17:50	04:46	Initial cal 10
E6P4525-IC4525	6P524306.D	12/05/25	18:09	05:05	Initial cal 25
E6P4525-IC4525	6P524307.D	12/05/25	18:27	05:23	Initial cal 50
E6P4525-IC4525	6P524308.D	12/05/25	18:46	05:42	Initial cal 80
E6P4525-IC4525	6P524309.D	12/05/25	19:05	06:01	Initial cal 100
E6P4525-ICV4525	6P524310.D	12/05/25	19:23	06:19	Initial cal verification 50
E6P4525-ICV4525	6P524311.D	12/05/25	19:42	06:38	Initial cal verification 50

Instrument Performance Check (DFTPP)

Job Number: JE25794
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample:	E6P4527-DFTPP	**Injection Date:**	12/09/25
Lab File ID:	6P524340.D	**Injection Time:**	10:44
Instrument ID:	GCMS6P		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	25051	46.3		Pass
68	Less than 2.0% of mass 69	361	0.67	(1.57) [a]	Pass
69	Mass 69 relative abundance	22969	42.5		Pass
70	Less than 2.0% of mass 69	0	0.00	(0.00) [a]	Pass
127	40.0 - 60.0% of mass 198	29016	53.6		Pass
197	Less than 1.0% of mass 198	0	0.00		Pass
198	Base peak, 100% relative abundance	54085	100.0		Pass
199	5.0 - 9.0% of mass 198	3457	6.39		Pass
275	10.0 - 30.0% of mass 198	12783	23.6		Pass
365	1.0 - 100.0% of mass 198	1443	2.67		Pass
441	Present, but less than mass 443	4708	8.70	(79.4) [b]	Pass
442	40.0 - 100.0% of mass 198	28817	53.3		Pass
443	17.0 - 23.0% of mass 442	5933	11.0	(20.6) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
E6P4527-ICV4525	6P524341.D	12/09/25	10:58	00:14	Initial cal verification 50
E6P4528-CC4525	6P524343.D	12/09/25	13:17	02:33	Continuing cal 50
E6P4528-CC4525	6P524344.D	12/09/25	13:36	02:52	Continuing cal 50
OP69566-MB1	6P524346.D	12/09/25	14:13	03:29	Method Blank
OP69566-BS1	6P524347.D	12/09/25	14:32	03:48	Blank Spike
OP69566-MS	6P524348.D	12/09/25	14:50	04:06	Matrix Spike
OP69566-MSD	6P524349.D	12/09/25	15:09	04:25	Matrix Spike Duplicate
JE24609-1	6P524350.D	12/09/25	15:28	04:44	(used for QC only; not part of job JE25794)
ZZZZZZ	6P524351.D	12/09/25	15:47	05:03	(unrelated sample)
ZZZZZZ	6P524352.D	12/09/25	16:05	05:21	(unrelated sample)
JE24609-4	6P524353.D	12/09/25	16:24	05:40	(used for QC only; not part of job JE25794)
ZZZZZZ	6P524354.D	12/09/25	16:43	05:59	(unrelated sample)
ZZZZZZ	6P524355.D	12/09/25	17:01	06:17	(unrelated sample)
ZZZZZZ	6P524356.D	12/09/25	17:20	06:36	(unrelated sample)
ZZZZZZ	6P524357.D	12/09/25	17:39	06:55	(unrelated sample)
ZZZZZZ	6P524358.D	12/09/25	17:58	07:14	(unrelated sample)
ZZZZZZ	6P524359.D	12/09/25	18:16	07:32	(unrelated sample)
ZZZZZZ	6P524360.D	12/09/25	18:35	07:51	(unrelated sample)
ZZZZZZ	6P524361.D	12/09/25	18:54	08:10	(unrelated sample)

Instrument Performance Check (DFTPP)

Job Number: JE25794
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample:	E6P4527-DFTPP	**Injection Date:**	12/09/25
Lab File ID:	6P524340.D	**Injection Time:**	10:44
Instrument ID:	GCMS6P		

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
ZZZZZZ	6P524362.D	12/09/25	19:13	08:29	(unrelated sample)
ZZZZZZ	6P524363.D	12/09/25	19:31	08:47	(unrelated sample)
ZZZZZZ	6P524364.D	12/09/25	19:50	09:06	(unrelated sample)
ZZZZZZ	6P524365.D	12/09/25	20:09	09:25	(unrelated sample)
ZZZZZZ	6P524366.D	12/09/25	20:28	09:44	(unrelated sample)
ZZZZZZ	6P524367.D	12/09/25	20:46	10:02	(unrelated sample)
ZZZZZZ	6P524368.D	12/09/25	21:05	10:21	(unrelated sample)
ZZZZZZ	6P524369.D	12/09/25	21:23	10:39	(unrelated sample)
E6P4529-CC4525	6P524376.D	12/10/25	10:26	23:42	Continuing cal 50
E6P4529-CC4525	6P524377.D	12/10/25	10:45	24:01	Continuing cal 50

Instrument Performance Check (DFTPP)

Job Number: JE25794
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample:	ECT635-DFTPP	**Injection Date:**	10/20/25
Lab File ID:	CT14476.D	**Injection Time:**	10:57
Instrument ID:	GCMSCT		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	36177	52.2		Pass
68	Less than 2.0% of mass 69	451	0.65	(1.44) [a]	Pass
69	Mass 69 relative abundance	31372	45.3		Pass
70	Less than 2.0% of mass 69	107	0.15	(0.34) [a]	Pass
127	40.0 - 60.0% of mass 198	40395	58.3		Pass
197	Less than 1.0% of mass 198	378	0.55		Pass
198	Base peak, 100% relative abundance	69312	100.0		Pass
199	5.0 - 9.0% of mass 198	4702	6.78		Pass
275	10.0 - 31.0% of mass 198	17747	25.6		Pass
365	1.0 - 100.0% of mass 198	2645	3.82		Pass
441	Present, but less than mass 443	9885	14.3	(79.9) [b]	Pass
442	40.0 - 100.0% of mass 198	60621	87.5		Pass
443	17.0 - 23.0% of mass 442	12368	17.8	(20.4) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
ECT635-IC635	CT14477.D	10/20/25	11:32	00:35	Initial cal 1
ECT635-IC635	CT14478.D	10/20/25	11:51	00:54	Initial cal 2
ECT635-IC635	CT14479.D	10/20/25	12:10	01:13	Initial cal 5
ECT635-IC635	CT14480.D	10/20/25	12:28	01:31	Initial cal 10
ECT635-IC635	CT14481.D	10/20/25	12:47	01:50	Initial cal 25
ECT635-ICC635	CT14482.D	10/20/25	13:06	02:09	Initial cal 50
ECT635-IC635	CT14483.D	10/20/25	13:24	02:27	Initial cal 80
ECT635-IC635	CT14484.D	10/20/25	13:43	02:46	Initial cal 100
ECT635-IC635	CT14485.D	10/20/25	14:01	03:04	Initial cal 1
ECT635-IC635	CT14486.D	10/20/25	14:20	03:23	Initial cal 2
ECT635-IC635	CT14487.D	10/20/25	14:50	03:53	Initial cal 5
ECT635-IC635	CT14488.D	10/20/25	15:08	04:11	Initial cal 10
ECT635-IC635	CT14489.D	10/20/25	15:27	04:30	Initial cal 25
ECT635-IC635	CT14490.D	10/20/25	15:46	04:49	Initial cal 50
ECT635-IC635	CT14491.D	10/20/25	16:04	05:07	Initial cal 80
ECT635-IC635	CT14492.D	10/20/25	16:23	05:26	Initial cal 100
ECT635-ICV635	CT14493.D	10/20/25	16:41	05:44	Initial cal verification 50
ECT635-ICV635	CT14494.D	10/20/25	17:00	06:03	Initial cal verification 50
ECT636-CC635	CT14497.D	10/21/25	09:41	22:44	Continuing cal 50

Instrument Performance Check (DFTPP)

Job Number: JE25794
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample:	ECT635-DFTPP	**Injection Date:**	10/20/25
Lab File ID:	CT14476.D	**Injection Time:**	10:57
Instrument ID:	GCMSCT		

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
ECT636-CC635	CT14498.D	10/21/25	09:59	23:02	Continuing cal 50
OP68315-MB1	CT14500.D	10/21/25	11:26	24:29	Method Blank
OP68315-BS1	CT14501.D	10/21/25	11:45	24:48	Blank Spike

Surrogate Recovery Summary

Job Number: JE25794
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Method: SW846 8270E **Matrix:** SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4	S5	S6
JE25794-1	CT15591.D	8* [a]	7* [a]	42	32	53	51
JE25794-1	6P524685.D	40	44	41	44	53	52
JE25794-2	6P524686.D	54	56	56	53	61	62
JE25794-3	6P524687.D	46	44	50	44	49	46
JE25794-4	6P524688.D	41	41	44	40	46	44
JE25794-5	6P524689.D	41	42	42	41	47	43
JE25794-6	CT15596.D	34	44	52	42	62	58
JE25794-6	CT15597.D	0* [b]	17	58	41	65	66
JE25794-6	6P524690.D	55	56	55	57	63	61
OP70034-BS1	6P524665.D	73	72	94	68	76	86
OP70034-BSD	6P524666.D	74	75	99	72	78	90
OP70034-MB1	6P524664.D	51	51	55	48	53	60
OP70034-MS	6P524682.D	51	53	61	55	60	61
OP70034-MSD	6P524683.D	43	43	43	45	47	46

Surrogate Compounds	Recovery Limits
S1 = 2-Fluorophenol	10-99%
S2 = Phenol-d5	10-96%
S3 = 2,4,6-Tribromophenol	10-123%
S4 = Nitrobenzene-d5	10-109%
S5 = 2-Fluorobiphenyl	11-109%
S6 = Terphenyl-d14	10-120%

(a) Outside control limits due to dilution and matrix interference.
(b) Outside control limits due to dilution.

GC/LC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JE25794
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP70047-MB1	RM43816.D	1	12/27/25	MLC	12/24/25	OP70047	GRM1059

The QC reported here applies to the following samples: **Method:** SW846 8082A

JE25794-1, JE25794-2, JE25794-3, JE25794-4, JE25794-5, JE25794-6

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	20	8.5	ug/kg	
11104-28-2	Aroclor 1221	ND	20	6.7	ug/kg	
11141-16-5	Aroclor 1232	ND	20	17	ug/kg	
53469-21-9	Aroclor 1242	ND	20	12	ug/kg	
12672-29-6	Aroclor 1248	ND	20	4.3	ug/kg	
11097-69-1	Aroclor 1254	ND	20	2.2	ug/kg	
11096-82-5	Aroclor 1260	ND	20	6.9	ug/kg	
11100-14-4	Aroclor 1268	ND	20	2.0	ug/kg	
37324-23-5	Aroclor 1262	ND	20	1.7	ug/kg	
1336-36-3	Total PCBs	ND	20	1.7	ug/kg	

CAS No.	Surrogate Recoveries		Limits
877-09-8	Tetrachloro-m-xylene	88%	35-154%
877-09-8	Tetrachloro-m-xylene	94%	35-154%
2051-24-3	Decachlorobiphenyl	53%	24-176%
2051-24-3	Decachlorobiphenyl	50%	24-176%

Blank Spike Summary

Job Number: JE25794
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP70047-BS1	RM43817.D	1	12/27/25	MLC	12/24/25	OP70047	GRM1059

The QC reported here applies to the following samples: **Method:** SW846 8082A

JE25794-1, JE25794-2, JE25794-3, JE25794-4, JE25794-5, JE25794-6

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
12674-11-2	Aroclor 1016	40	39.3	98	64-128
11104-28-2	Aroclor 1221		ND		50-150
11141-16-5	Aroclor 1232		ND		50-150
53469-21-9	Aroclor 1242		ND		50-150
12672-29-6	Aroclor 1248		ND		50-150
11097-69-1	Aroclor 1254		ND		50-150
11096-82-5	Aroclor 1260	40	37.2	93	62-132
11100-14-4	Aroclor 1268		ND		50-150
37324-23-5	Aroclor 1262		ND		50-150
1336-36-3	Total PCBs		82.7		50-150

CAS No.	Surrogate Recoveries	BSP	Limits
877-09-8	Tetrachloro-m-xylene	81%	35-154%
877-09-8	Tetrachloro-m-xylene	85%	35-154%
2051-24-3	Decachlorobiphenyl	49%	24-176%
2051-24-3	Decachlorobiphenyl	44%	24-176%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JE25794
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP70047-MS	RM43818.D	1	12/27/25	MLC	12/24/25	OP70047	GRM1059
OP70047-MSD	RM43819.D	1	12/27/25	MLC	12/24/25	OP70047	GRM1059
JE25794-1	RM43820.D	1	12/27/25	MLC	12/24/25	OP70047	GRM1059

The QC reported here applies to the following samples: **Method:** SW846 8082A

JE25794-1, JE25794-2, JE25794-3, JE25794-4, JE25794-5, JE25794-6

CAS No.	Compound	JE25794-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
12674-11-2	Aroclor 1016	ND		46.5	47.2	101	46.5	46.3	100	2	26-163/38
11104-28-2	Aroclor 1221	ND			ND			ND		nc	50-150/30
11141-16-5	Aroclor 1232	ND			ND			ND		nc	50-150/30
53469-21-9	Aroclor 1242	ND			ND			ND		nc	50-150/30
12672-29-6	Aroclor 1248	ND			ND			ND		nc	10-235/18
11097-69-1	Aroclor 1254	6.8	J	46.5	25.0	39	46.5	22.9	35	9	10-214/28
11096-82-5	Aroclor 1260	ND		46.5	42.1	91	46.5	41.5	89	1	16-173/39
11100-14-4	Aroclor 1268	ND			ND			ND		nc	50-150/30
37324-23-5	Aroclor 1262	ND			ND			ND		nc	10-153/15
1336-36-3	Total PCBs	7.3	J		117			115		2	50-150/40

CAS No.	Surrogate Recoveries	MS	MSD	JE25794-1	Limits
877-09-8	Tetrachloro-m-xylene	78%	81%	74%	35-154%
877-09-8	Tetrachloro-m-xylene	84%	85%	80%	35-154%
2051-24-3	Decachlorobiphenyl	93%	65%	62%	24-176%
2051-24-3	Decachlorobiphenyl	107%	80%	69%	24-176%

* = Outside of Control Limits.

Surrogate Recovery Summary

Job Number: JE25794
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Method: SW846 8082A **Matrix:** SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]	S1 [b]	S2 [a]	S2 [b]
JE25794-1	RM43820.D	74	80	62	69
JE25794-2	RM43821.D	78	84	58	69
JE25794-3	RM43822.D	77	85	50	56
JE25794-4	RM43823.D	77	83	58	76
JE25794-5	RM43824.D	77	83	56	76
JE25794-6	RM43825.D	73	79	84	121
OP70047-BS1	RM43817.D	81	85	49	44
OP70047-MB1	RM43816.D	88	94	53	50
OP70047-MS	RM43818.D	78	84	93	107
OP70047-MSD	RM43819.D	81	85	65	80

Surrogate Compounds	Recovery Limits
S1 = Tetrachloro-m-xylene	35-154%
S2 = Decachlorobiphenyl	24-176%

(a) Recovery from GC signal #1
(b) Recovery from GC signal #2

Metals Analysis

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JE25794
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59508
Matrix Type: SOLID

Methods: SW846 6010D
Units: mg/kg

Prep Date: 12/24/25

Metal	RL	IDL	MDL	MB raw	final
Aluminum	50	.92	8.1	0.81	<50
Antimony	2.0	.28	.41	-0.020	<2.0
Arsenic	2.0	.26	.28	-0.070	<2.0
Barium	20	.02	1.9	0.030	<20
Beryllium	0.20	.02	.08	0.0	<0.20
Bismuth	2.0	.25	.52		
Boron	10	.18	3.7		
Cadmium	0.50	.04	.07	0.0	<0.50
Calcium	500	1.3	21	6.1	<500
Chromium	1.0	.07	.37	0.030	<1.0
Cobalt	5.0	.06	.28	0.020	<5.0
Copper	2.5	.07	.84	0.22	<2.5
Iron	50	.33	19	3.3	<50
Lead	2.0	.2	.41	-0.040	<2.0
Lithium	5.0	.15	.92		
Magnesium	500	2.5	14	2.6	<500
Manganese	1.5	.01	.41	0.050	<1.5
Molybdenum	2.0	.06	.32		
Nickel	4.0	.08	.35	0.030	<4.0
Phosphorus	20	.7	3.3		
Potassium	1000	3.5	32	2.4	<1000
Selenium	2.0	.36	.65	-0.020	<2.0
Silicon	20	.22	11		
Silver	0.50	.06	.17	-0.030	<0.50
Sodium	1000	1.4	78	-2.6	<1000
Strontium	5.0	.01	.18		
Sulfur	10	.37	3.9		
Thallium	1.0	.52	.58	0.010	<1.0
Tin	20	.14	3.8		
Titanium	1.0	.08	.34		
Tungsten	5.0	.13	1.8		
Vanadium	5.0	.05	.19	-0.010	<5.0
Zinc	5.0	.03	2.3	0.14	<5.0

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JE25794
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59508 Methods: SW846 6010D
Matrix Type: SOLID Units: mg/kg

Prep Date: 12/24/25

Metal	RL	IDL	MDL	MB raw	final
Zirconium	2.0	.05	.54		

Associated samples MP59508: JE25794-1, JE25794-2, JE25794-3, JE25794-4, JE25794-5, JE25794-6

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JE25794
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59508
Matrix Type: SOLID

Methods: SW846 6010D
Units: mg/kg

Prep Date: 12/24/25

Metal	JE25794-6 Original	MS	Spikelot MPSPK2	% Rec	QC Limits
Aluminum	14600	19300	2700	174.2(a)	75-125
Antimony	12.2	105	216	43.0N(b)	75-125
Arsenic	9.4	214	216	94.8	75-125
Barium	496	765	216	124.6	75-125
Beryllium	18.9	213	216	90.5	75-125
Bismuth					
Boron					
Cadmium	1.2	218	216	100.5	75-125
Calcium	46000	51300	2700	237.2(a)	75-125
Chromium	188	385	216	98.2	75-125
Cobalt	148	312	216	88.5	75-125
Copper	3730	2730	216	-417.0(a	75-125
Iron	86500	98500	2700	444.8(a)	75-125
Lead	2470	2680	216	162.2(a)	75-125
Lithium					
Magnesium	6830	11600	2700	176.8N(b	75-125
Manganese	925	1170	216	127.0(a)	75-125
Molybdenum					
Nickel	1350	1550	216	92.7	75-125
Phosphorus					
Potassium	963	3670	2700	100.3	75-125
Selenium	13.8	211	216	94.7	75-125
Silicon					
Silver	7.0	28.1	27	74.5N(b)	75-125
Sodium	1680	4120	2700	90.4	75-125
Strontium					
Sulfur					
Thallium	0.0	212	216	97.8	75-125
Tin					
Titanium					
Tungsten					
Vanadium	24.9	211	216	88.0	75-125
Zinc	8160	8320	216	74.1 (a)	75-125

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JE25794
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59508 Methods: SW846 6010D
Matrix Type: SOLID Units: mg/kg

Prep Date: 12/24/25

Metal	JE25794-6 Original MS	Spikelot MPSPK2	% Rec	QC Limits
Zirconium				

Associated samples MP59508: JE25794-1, JE25794-2, JE25794-3, JE25794-4, JE25794-5, JE25794-6

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested
(a) Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.
(b) Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JE25794
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59508
Matrix Type: SOLID

Methods: SW846 6010D
Units: mg/kg

Prep Date: 12/24/25

Metal	JE25794-6 Original	MSD	Spikelot MPSPK2	% Rec	MSD RPD	QC Limit
Aluminum	14600	20100	2840	193.9(a)	4.1	20
Antimony	12.2	129	227	51.5N(b)	20.5 (c)	20
Arsenic	9.4	242	227	102.5	12.3	20
Barium	496	786	227	127.8N(b	2.7	20
Beryllium	18.9	236	227	96.3	10.2	20
Bismuth						
Boron						
Cadmium	1.2	244	227	107.0	11.3	20
Calcium	46000	48300	2840	119.9	6.0	20
Chromium	188	449	227	121.6	15.3	20
Cobalt	148	332	227	93.0	6.2	20
Copper	3730	3470	227	-70.5(a)	23.9 (c)	20
Iron	86500	99500	2840	458.4(a)	1.0	20
Lead	2470	3030	227	308.5(a)	12.3	20
Lithium						
Magnesium	6830	9630	2840	98.7	18.6	20
Manganese	925	1300	227	178.1N(b	10.5	20
Molybdenum						
Nickel	1350	1690	227	149.8(a)	8.6	20
Phosphorus						
Potassium	963	3860	2840	102.1	5.0	20
Selenium	13.8	238	227	101.9	12.0	20
Silicon						
Silver	7.0	32.9	28.4	87.8	15.7	20
Sodium	1680	4570	2840	101.9	10.4	20
Strontium						
Sulfur						
Thallium	0.0	237	227	104.0	11.1	20
Tin						
Titanium						
Tungsten						
Vanadium	24.9	232	227	93.0	9.5	20
Zinc	8160	8250	227	39.7 (a)	0.8	20

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JE25794
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59508 Methods: SW846 6010D
Matrix Type: SOLID Units: mg/kg

Prep Date: 12/24/25

Metal	JE25794-6 Original MSD	Spikelot MPSPK2	% Rec	MSD RPD	QC Limit
Zirconium					

Associated samples MP59508: JE25794-1, JE25794-2, JE25794-3, JE25794-4, JE25794-5, JE25794-6

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested
(a) Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.
(b) Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.
(c) High rpd due to possible sample nonhomogeneity.

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JE25794
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59508
Matrix Type: SOLID

Methods: SW846 6010D
Units: mg/kg

Prep Date: 12/24/25

Metal	BSP Result	Spikelot MPSPK2	% Rec	QC Limits
Aluminum	2270	2500	90.8	80-120
Antimony	172	200	86.0	80-120
Arsenic	177	200	88.5	80-120
Barium	189	200	94.5	80-120
Beryllium	194	200	97.0	80-120
Bismuth				
Boron				
Cadmium	186	200	93.0	80-120
Calcium	2310	2500	92.4	80-120
Chromium	195	200	97.5	80-120
Cobalt	194	200	97.0	80-120
Copper	180	200	90.0	80-120
Iron	2310	2500	92.4	80-120
Lead	197	200	98.5	80-120
Lithium				
Magnesium	2290	2500	91.6	80-120
Manganese	193	200	96.5	80-120
Molybdenum				
Nickel	193	200	96.5	80-120
Phosphorus				
Potassium	2330	2500	93.2	80-120
Selenium	176	200	88.0	80-120
Silicon				
Silver	22.6	25	90.4	80-120
Sodium	2280	2500	91.2	80-120
Strontium				
Sulfur				
Thallium	196	200	98.0	80-120
Tin				
Titanium				
Tungsten				
Vanadium	189	200	94.5	80-120
Zinc	196	200	98.0	80-120

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JE25794
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59508
Matrix Type: SOLID

Methods: SW846 6010D
Units: mg/kg

Prep Date: 12/24/25

Metal	BSP Result	Spikelot MPSPK2	% Rec	QC Limits
Zirconium				

Associated samples MP59508: JE25794-1, JE25794-2, JE25794-3, JE25794-4, JE25794-5, JE25794-6

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: JE25794
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59508
Matrix Type: SOLID

Methods: SW846 6010D
Units: ug/l

Prep Date: 12/24/25

Metal	JE25794-6 Original	SDL 1:5	%DIF	QC Limits
Aluminum	131000	134000	2.0	0-10
Antimony	120	130	18.6 (a)	0-10
Arsenic	99.0	122	44.4 (a)	0-10
Barium	4470	4630	3.6	0-10
Beryllium	159	182	14.9*(b)	0-10
Bismuth				
Boron				
Cadmium	12.6	8.90	18.3 (a)	0-10
Calcium	415000	416000	3.0	0-10
Chromium	1780	1690	8.6	0-10
Cobalt	1330	1240	13.5*(b)	0-10
Copper	32700	32500	0.7	0-10
Iron	779000	806000	3.5	0-10
Lead	22300	21900	4.3	0-10
Lithium				
Magnesium	73300	67500	9.7	0-10
Manganese	8330	8570	6.2	0-10
Molybdenum				
Nickel	12900	12700	4.0	0-10
Phosphorus				
Potassium	8800	9150	5.5	0-10
Selenium	60.8	0.00	100.0(a)	0-10
Silicon				
Silver	72.3	56.5	21.9 (a)	0-10
Sodium	15700	15200	0.2	0-10
Strontium				
Sulfur				
Thallium	9.20	0.00	100.0(a)	0-10
Tin				
Titanium				
Tungsten				
Vanadium	225	300	38.0*(b)	0-10
Zinc	73500	76100	3.5	0-10

SERIAL DILUTION RESULTS SUMMARY

Login Number: JE25794
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59508
Matrix Type: SOLID

Methods: SW846 6010D
Units: ug/l

Prep Date: 12/24/25

Metal	JE25794-6 Original SDL 1:5	%DIF	QC Limits
Zirconium			

Associated samples MP59508: JE25794-1, JE25794-2, JE25794-3, JE25794-4, JE25794-5, JE25794-6

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
(b) Serial dilution indicates possible matrix interference.

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JE25794
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59510 Methods: SW846 7471B
Matrix Type: SOLID Units: mg/kg

Prep Date: 12/23/25

Metal	RL	IDL	MDL	MB raw	final
Mercury	0.033	.0066	.015	-0.0059	<0.033

Associated samples MP59510: JE25794-1, JE25794-2, JE25794-3, JE25794-4, JE25794-5, JE25794-6

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JE25794
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59510
Matrix Type: SOLID

Methods: SW846 7471B
Units: mg/kg

Prep Date: 12/23/25

Metal	JE25718-1 Original	MS	Spikelot HGPWS1	% Rec	QC Limits
Mercury	0.070	0.44	0.341	108.6	80-120

Associated samples MP59510: JE25794-1, JE25794-2, JE25794-3, JE25794-4, JE25794-5, JE25794-6

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JE25794
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59510 Methods: SW846 7471B
Matrix Type: SOLID Units: mg/kg

Prep Date: 12/23/25

Metal	JE25718-1 Original	MSD	Spikelot HGPWS1	% Rec	MSD RPD	QC Limit
Mercury	0.070	0.42	0.347	101.0	4.7	20

Associated samples MP59510: JE25794-1, JE25794-2, JE25794-3, JE25794-4, JE25794-5, JE25794-6

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JE25794
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59510
Matrix Type: SOLID

Methods: SW846 7471B
Units: mg/kg

Prep Date: 12/23/25

Metal	BSP Result	Spikelot HGPWS1	% Rec	QC Limits
Mercury	0.33	0.333	99.0	80-120

Associated samples MP59510: JE25794-1, JE25794-2, JE25794-3, JE25794-4, JE25794-5, JE25794-6

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

General Chemistry

QC Data Summaries

Includes the following where applicable:

- Method Blank and Blank Spike Summaries
- Duplicate Summaries
- Matrix Spike Summaries

METHOD BLANK AND SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: JE25794
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Chromium, Hexavalent	GP66633/GN77888	0.40	0.0	mg/kg	40	39.7	99.3	80-120%
Chromium, Hexavalent	GP66633/GN77888			mg/kg	881.7	973	110.4	80-120%
Cyanide	GP66568/GN77760	0.24	0.0	mg/kg	4.8	4.99	104.0	90-110%

Associated Samples:
Batch GP66568: JE25794-1, JE25794-2, JE25794-3, JE25794-4, JE25794-5, JE25794-6
Batch GP66633: JE25794-1, JE25794-2, JE25794-3, JE25794-4, JE25794-5, JE25794-6
(*) Outside of QC limits

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: JE25794
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Chromium, Hexavalent	GP66633/GN77888	JE25844-2	mg/kg	0.0	0.0	0.0	0-20%
Cyanide	GP66568/GN77760	JE24843-5R	mg/kg	0.34	0.25	30.5	0-49%
Solids, Percent	GN77638	JE25794-1	%	84.3	83.1	1.4	0-10%

Associated Samples:
Batch GN77638: JE25794-1, JE25794-2, JE25794-3, JE25794-4, JE25794-5, JE25794-6
Batch GP66568: JE25794-1, JE25794-2, JE25794-3, JE25794-4, JE25794-5, JE25794-6
Batch GP66633: JE25794-1, JE25794-2, JE25794-3, JE25794-4, JE25794-5, JE25794-6
(*) Outside of QC limits

MATRIX SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: JE25794
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MS Result	%Rec	QC Limits
Chromium, Hexavalent	GP66633/GN77888	JE25844-2	mg/kg	0.0	58.3	0.0	0.0N(a)	75-125%
Chromium, Hexavalent	GP66633/GN77888	JE25844-2	mg/kg	0.0	1610	9.9	0.6N(b)	75-125%
Cyanide	GP66568/GN77760	JE25794-2	mg/kg	1.5	4.24	5.9	103.7	75-125%

Associated Samples:
Batch GP66568: JE25794-1, JE25794-2, JE25794-3, JE25794-4, JE25794-5, JE25794-6
Batch GP66633: JE25794-1, JE25794-2, JE25794-3, JE25794-4, JE25794-5, JE25794-6
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(a) Soluble XCR matrix spike recovery indicates possible matrix interference. Low post spike recovery (50_%) on this sample. Low pH adjusted post spike (50.4%). Good agreement between the sample and 1:5 dilution.
(b) Insoluble XCR matrix spike recovery indicates possible matrix interference. See additional comments on soluble matrix spike recovery.

The results set forth herein are provided by SGS North America Inc.

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Automated Report

Technical Report for

Langan Engineering & Environmental

252 3rd Street, Brooklyn, NY

170970401

SGS Job Number: JE25843

Sampling Date: 12/23/25



Report to:

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Total number of pages in report: 214

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable unless noted in the narrative, comments or footnotes.

Olga Azarian
Technical Director

Client Service contact: Carin Ferris 732-329-0200
Certifications: NJ(12129),NY(10983),CA,CO,CT,FL,HI,IL,IN,KY,LA (120428),MA,MD,ME,MN,NC,NH,NV, AK (UST-103),AZ (AZ0786),PA(68-00408),RI,SC,TX (T104704234),UT,VA,WA,WV

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SGS North America Inc.

Sample Summary

Langan Engineering & Environmental

Job No: JE25843

252 3rd Street, Brooklyn, NY
Project No: 170970401

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
This report contains results reported as ND = Not detected. The following applies: Organics ND = Not detected above the MDL							
JE25843-1	12/23/25	07:40	LC	12/23/25	AQ	Field Blank Soil	FB01-122325
JE25843-2	12/23/25	08:45	LC	12/23/25	SO	Soil	SB06_10-12
JE25843-3	12/23/25	09:15	LC	12/23/25	SO	Soil	SB02_12-14
JE25843-5	12/23/25	10:35	LC	12/23/25	SO	Soil	SB03_12-14
JE25843-6	12/23/25	10:45	LC	12/23/25	SO	Soil	SB03_15-17
JE25843-7	12/23/25	12:05	LC	12/23/25	SO	Soil	SB04_16-18
JE25843-8	12/23/25	13:45	LC	12/23/25	SO	Soil	SB07_12-14
JE25843-9	12/23/25	14:40	LC	12/23/25	SO	Soil	SB07_12-14

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

CASE NARRATIVE / CONFORMANCE SUMMARY

Client:	Langan Engineering & Environmental	**Job No:**	JE25843
Site:	252 3rd Street, Brooklyn, NY	**Report Date**	1/8/2026 11:31:56 AM

On 12/23/2025, 7 sample(s), 0 Trip Blank(s), 0 Equip. Blank(s) and 1 Field Blank(s) were received at SGS North America Inc. (SGS) at a temperature of 2.1 °C. The samples were intact and properly preserved, unless noted below. An SGS Job Number of JE25843 was assigned to the project. The lab sample ID, client sample ID, and date of sample collection are detailed in the report's Results Summary.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

MS Volatiles By Method SW846 8260D

Matrix: AQ **Batch ID:** V1S544

- All samples were analyzed within the recommended method holding time.
- Sample(s) JE25914-1MS, JE25914-1MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- JE25843-1 for Chloroform: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- V1S544-BS for Chloroform: Outside of in house control limits, but within the marginal exceedance limits.
- JE25843-1 for Bromomethane: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

Matrix: SO **Batch ID:** VGA788

- All samples were analyzed within the recommended method holding time.
- Sample(s) JE25832-2MS, JE25832-2MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- The blank spike (BS) recovery(s) of Chloroethane are outside control limits.
- The matrix spike (MS) recovery(s) of Trichlorofluoromethane, Chloroethane are outside control limits. Outside control limits due to matrix interference.
- The matrix spike duplicate (MSD) recovery(s) of Chloroethane, Trichlorofluoromethane are outside control limits. Outside control limits due to matrix interference.
- The RPD(s) for the MS and MSD recoveries of Methylene chloride are outside control limits for sample JE25832-2MSD. Probable cause due to sample homogeneity.
- JE25843-6: Dilution required due to high concentration of non-target compound.
- JE25843-6 for Acetone: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JE25843-6 for Chloroethane: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.This compound in blank spike is outside in house QC limits bias low.
- JE25832-2MS for Chloroethane: Outside control limits.

Matrix: SO **Batch ID:** VI10886

- All samples were analyzed within the recommended method holding time.
- Sample(s) JE25620-1MS, JE25620-2DUP, JE25620-1MS were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- The matrix spike (MS) recovery(s) of Chlorobenzene are outside control limits. Outside control limits due to matrix interference.
- The duplicate RPD(s) for Trichloroethene are outside control limits for sample JE25620-2DUP. Outside control limits due to sample non-homogeneity.

MS Volatiles By Method SW846 8260D

Matrix: SO **Batch ID:** VI10886

- JE25843-8: Confirmation run.
- JE25843-8 for 4-Bromofluorobenzene: Outside control limits due to matrix interference.
- JE25843-3 for Chloroethane: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JE25843-7 for Chloroethane: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JE25843-7 for Acetone: Associated CCV outside of control limits high.
- JE25843-7 for 2-Butanone (MEK): Associated CCV outside of control limits high, sample was ND.
- JE25843-5 for Chloroethane: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JE25843-5 for 2-Butanone (MEK): Associated CCV outside of control limits high, sample was ND.
- JE25843-3 for Acetone: Associated CCV outside of control limits high, sample was ND.
- JE25843-3 for 2-Butanone (MEK): Associated CCV outside of control limits high, sample was ND.
- JE25843-5 for Acetone: Associated CCV outside of control limits high.

Matrix: SO **Batch ID:** VY9445

- All samples were analyzed within the recommended method holding time.
- Sample(s) JE25927-9MS, JE25927-9MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- The matrix spike (MS) recovery(s) of 1,1,2-Trichloroethane, 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromoethane, 1,2-Dichlorobenzene, 1,2-Dichloroethane, 1,2-Dichloropropane, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 2-Hexanone, Benzene, Bromochloromethane, Bromodichloromethane, Bromoform, Carbon disulfide, Chlorobenzene, cis-1,2-Dichloroethene, cis-1,3-Dichloropropene, Dibromochloromethane, Ethylbenzene, m,p-Xylene, o-Xylene, Styrene, Toluene, trans-1,2-Dichloroethene, trans-1,3-Dichloropropene, Trichloroethene, Xylene (total) are outside control limits. Outside control limits due to matrix interference.
- The matrix spike duplicate (MSD) recovery(s) of 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, Chlorobenzene, cis-1,3-Dichloropropene, m,p-Xylene, o-Xylene, Styrene, Toluene, trans-1,3-Dichloropropene, Xylene (total) are outside control limits. Outside control limits due to matrix interference.
- The RPD(s) for the MS and MSD recoveries of 1,1-Dichloroethene, 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, 1,2-Dichlorobenzene, 1,2-Dichloroethane, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 2-Butanone (MEK), 2-Hexanone, Benzene, Bromochloromethane, Bromodichloromethane, Bromoform, Carbon disulfide, Chlorobenzene, cis-1,2-Dichloroethene, cis-1,3-Dichloropropene, Dibromochloromethane, Ethylbenzene, Isopropylbenzene, m,p-Xylene, o-Xylene, Styrene, Tetrachloroethene, Toluene, trans-1,2-Dichloroethene, trans-1,3-Dichloropropene, Trichloroethene, Xylene (total) are outside control limits for sample JE25927-9MSD. Probable cause due to sample homogeneity.
- JE25843-8 for Bromomethane: Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.
- JE25843-9 for Trichlorofluoromethane: Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.
- JE25843-9 for Bromomethane: Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.
- VY9445-BS for Trichlorofluoromethane: High percent recovery and no associated positive reported in the QC batch.
- JE25843-8 for Trichlorofluoromethane: Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.
- VY9445-BS for Bromomethane: High percent recovery and no associated positive reported in the QC batch.

Matrix: SO **Batch ID:** VY9447

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JE26039-1MS, JE26042-1DUP were used as the QC samples indicated.

MS Volatiles By Method SW846 8260D

Matrix: SO **Batch ID:** VY9447

- The duplicate RPD(s) for Methylene chloride are outside control limits for sample JE26042-1DUP. RPD acceptable due to low DUP and sample concentrations.
- JE25843-2 for Bromomethane: Associated CCV outside of control limits high, sample was ND.
- JE25843-2 for Trichlorofluoromethane: Associated CCV outside of control limits high, sample was ND.
- JE25843-2 for Freon 113: Associated CCV outside of control limits high, sample was ND.
- JE25843-2 for Bromochloromethane: Associated CCV outside of control limits high, sample was ND.

MS Semi-volatiles By Method SW846 8270E

Matrix: AQ **Batch ID:** OP70050

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- The blank spike (BS) recovery(s) of Benzo(a)anthracene, Benzo(b)fluoranthene, Benzo(g,h,i)perylene, Chrysene, Dibenzo(a,h)anthracene, Fluoranthene, Indeno(1,2,3-cd)pyrene, Phenanthrene are outside control limits.
- OP70050-BSD for Anthracene: Analytical precision exceeds in-house control limits.
- JE25843-1 for 4,6-Dinitro-o-cresol: Associated CCV outside of control limits high, sample was ND.
- JE25843-1 for bis(2-Ethylhexyl)phthalate: Associated CCV outside of control limits high, sample was ND.
- OP70050-BSD for Indeno(1,2,3-cd)pyrene: Analytical precision exceeds in-house control limits.
- JE25843-1 for Butyl benzyl phthalate: Associated CCV outside of control limits high, sample was ND.
- JE25843-1 for Caprolactam: Associated CCV outside of control limits high, sample was ND.
- JE25843-1 for Di-n-octyl phthalate: Associated CCV outside of control limits high, sample was ND.
- JE25843-1 for Hexachlorocyclopentadiene: Associated CCV outside of control limits high, sample was ND.
- OP70050-BSD for Caprolactam: Analytical precision exceeds in-house control limits.
- OP70050-BSD for 2,4-Dinitrotoluene: Analytical precision exceeds in-house control limits.
- OP70050-BSD for Butyl benzyl phthalate: Analytical precision exceeds in-house control limits.
- OP70050-BSD for Atrazine: Analytical precision exceeds in-house control limits.
- OP70050-BSD for Benzo(a)anthracene: Analytical precision exceeds in-house control limits.
- OP70050-BSD for Benzo(a)pyrene: Analytical precision exceeds in-house control limits.
- OP70050-BSD for Benzo(b)fluoranthene: Analytical precision exceeds in-house control limits.
- OP70050-BSD for Benzo(g,h,i)perylene: Analytical precision exceeds in-house control limits.
- OP70050-BSD for Benzo(k)fluoranthene: Analytical precision exceeds in-house control limits.
- JE25843-1 for 3-Nitroaniline: Associated CCV outside of control limits high, sample was ND.
- OP70050-BSD for 3,3'-Dichlorobenzidine: Analytical precision exceeds in-house control limits.
- JE25843-1 for 2,6-Dinitrotoluene: Associated CCV outside of control limits high, sample was ND.
- OP70050-BSD for 4-Bromophenyl phenyl ether: Analytical precision exceeds in-house control limits.
- OP70050-BSD for bis(2-Ethylhexyl)phthalate: Analytical precision exceeds in-house control limits.
- OP70050-BSD for Di-n-butyl phthalate: Analytical precision exceeds in-house control limits.
- JE25843-1 for 2-Nitroaniline: Associated CCV outside of control limits high, sample was ND.
- OP70050-BSD for Diethyl phthalate: Analytical precision exceeds in-house control limits.
- JE25843-1 for 2-Nitrophenol: Associated CCV outside of control limits high, sample was ND.
- OP70050-BSD for Di-n-octyl phthalate: Analytical precision exceeds in-house control limits.
- OP70050-BSD for Fluoranthene: Analytical precision exceeds in-house control limits.
- OP70050-BSD for Hexachlorobenzene: Analytical precision exceeds in-house control limits.
- OP70050-BSD for Dibenzo(a,h)anthracene: Analytical precision exceeds in-house control limits.
- OP70050-BSD for N-Nitrosodiphenylamine: Analytical precision exceeds in-house control limits.
- OP70050-BSD for Pyrene: Analytical precision exceeds in-house control limits.
- JE25843-1 for 2,4-Dinitrotoluene: Associated CCV outside of control limits high, sample was ND.
- OP70050-BSD for Carbazole: Analytical precision exceeds in-house control limits.
- JE25843-1 for 2,4-Dichlorophenol: Associated CCV outside of control limits high, sample was ND.
- JE25843-1 for 2,4-Dinitrophenol: Associated CCV outside of control limits high, sample was ND.
- JE25843-1 for 2,4,6-Trichlorophenol: Associated CCV outside of control limits high, sample was ND.

MS Semi-volatiles By Method SW846 8270E

Matrix: AQ **Batch ID:** OP70050

- OP70050-BSD for 4-Nitroaniline: Analytical precision exceeds in-house control limits.
- OP70050-BSD for Chrysene: Analytical precision exceeds in-house control limits.
- OP70050-BSD for 3-Nitroaniline: Analytical precision exceeds in-house control limits.
- OP70050-BSD for Phenanthrene: Analytical precision exceeds in-house control limits.

Matrix: SO **Batch ID:** OP70042

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- Sample(s) JE25550-3RMS, JE25550-3RMSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- The matrix spike (MS) recovery(s) of 2,4-Dinitrophenol are outside control limits. Probable cause due to matrix interference.
- The matrix spike duplicate (MSD) recovery(s) of 2,4-Dinitrophenol are outside control limits. Probable cause due to matrix interference.
- Sample(s) JE25843-6 have surrogates outside control limits. Probable cause due to matrix interference.
- JE25843-6: Dilution required due to matrix interference.
- JE25843-6 for 4-Chloroaniline: Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Sample was ND.
- JE25843-6 for 2,4-Dinitrophenol: Associated CCV outside of control limits high, sample was ND.
- JE25843-8 for bis(2-Ethylhexyl)phthalate: Associated CCV outside of control limits high, sample was ND.
- JE25843-7 for 2-Nitrophenol: Associated CCV outside of control limits high, sample was ND.
- JE25843-7 for 4,6-Dinitro-o-cresol: Associated CCV outside of control limits high, sample was ND.
- JE25843-7 for Di-n-octyl phthalate: Associated CCV outside of control limits high, sample was ND.
- JE25843-7 for 3,3'-Dichlorobenzidine: Associated CCV outside of control limits high, sample was ND.
- JE25843-9 for Di-n-octyl phthalate: Associated CCV outside of control limits high, sample was ND.
- JE25843-8 for 2,4-Dinitrophenol: Associated CCV outside of control limits high, sample was ND.
- JE25843-8 for 4,6-Dinitro-o-cresol: Associated CCV outside of control limits high, sample was ND.
- JE25843-8 for Butyl benzyl phthalate: Associated CCV outside of control limits high, sample was ND.
- JE25843-8 for Di-n-octyl phthalate: Associated CCV outside of control limits high, sample was ND.
- JE25843-8 for 4-Chloroaniline: Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Sample was ND.
- JE25843-9 for 2,4-Dinitrophenol: Associated CCV outside of control limits high, sample was ND.
- JE25843-9 for 2-Nitrophenol: Associated CCV outside of control limits high, sample was ND.
- JE25843-9 for 4,6-Dinitro-o-cresol: Associated CCV outside of control limits high, sample was ND.
- JE25843-5 for 4,6-Dinitro-o-cresol: Associated CCV outside of control limits high, sample was ND.
- JE25843-7 for Hexachlorocyclopentadiene: Associated CCV outside of control limits high, sample was ND.
- JE25843-9 for Butyl benzyl phthalate: Associated CCV outside of control limits high, sample was ND.
- JE25843-3 for Hexachlorocyclopentadiene: Associated CCV outside of control limits high, sample was ND.
- JE25843-6 for Phenol-d5: Outside control limits due to dilution.
- JE25843-6 for Nitrobenzene-d5: Outside control limits due to dilution.
- JE25843-6 for 2-Fluorophenol: Outside control limits due to dilution.
- JE25843-6 for 2-Fluorobiphenyl: Outside control limits due to dilution.
- JE25843-6 for 2,4,6-Tribromophenol: Outside control limits due to dilution.
- JE25843-9 for 4-Chloroaniline: Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Sample was ND.

MS Semi-volatiles By Method SW846 8270E

Matrix: SO **Batch ID:** OP70042

- JE25843-5 for 4-Nitroaniline: Associated CCV outside of control limits high, sample was ND.
- JE25843-6 for Terphenyl-d14: Outside control limits due to dilution.
- JE25843-7 for 2,4-Dinitrophenol: Associated CCV outside of control limits high, sample was ND.
- JE25843-5 for 2-Nitrophenol: Associated CCV outside of control limits high, sample was ND.
- JE25843-3 for Di-n-octyl phthalate: Associated CCV outside of control limits high, sample was ND.
- JE25843-3 for 4-Nitroaniline: Associated CCV outside of control limits high, sample was ND.
- JE25843-3 for 4,6-Dinitro-o-cresol: Associated CCV outside of control limits high, sample was ND.
- JE25843-3 for 3,3'-Dichlorobenzidine: Associated CCV outside of control limits high, sample was ND.
- JE25843-3 for 2-Nitrophenol: Associated CCV outside of control limits high, sample was ND.
- JE25843-3 for 2,4-Dinitrophenol: Associated CCV outside of control limits high, sample was ND.
- JE25843-7 for 4-Nitroaniline: Associated CCV outside of control limits high, sample was ND.
- JE25843-5 for 2,4-Dinitrophenol: Associated CCV outside of control limits high, sample was ND.
- JE25843-5 for Hexachlorocyclopentadiene: Associated CCV outside of control limits high, sample was ND.
- JE25843-5 for 3,3'-Dichlorobenzidine: Associated CCV outside of control limits high, sample was ND.
- JE25843-5 for Di-n-octyl phthalate: Associated CCV outside of control limits high, sample was ND.
- JE25843-9 for bis(2-Ethylhexyl)phthalate: Associated CCV outside of control limits high, sample was ND.
- JE25843-8 for 2-Nitrophenol: Associated CCV outside of control limits high, sample was ND.

Matrix: SO **Batch ID:** OP70166

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- Sample(s) JE25843-2MS, JE25843-2MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- The blank spike (BS) recovery(s) of 4-Chloroaniline are outside control limits.
- The matrix spike (MS) recovery(s) of Dibenzo(a,h)anthracene, Phenanthrene, 2,4-Dinitrophenol, 2,6-Dinitrotoluene, 2-Nitrophenol, 3-Nitroaniline, 4,6-Dinitro-o-cresol, 4-Chloroaniline, Anthracene, Hexachlorocyclopentadiene are outside control limits. Outside control limits due to high level in sample relative to spike amount.
- The matrix spike duplicate (MSD) recovery(s) of 4,6-Dinitro-o-cresol, Acetophenone, Hexachlorocyclopentadiene, Naphthalene, Phenanthrene, 2,4-Dinitrophenol are outside control limits. Probable cause due to matrix interference.
- The matrix spike (MS) recovery(s) of Acenaphthylene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(g,h,i)perylene, Benzo(k)fluoranthene, Chrysene, Fluoranthene, Indeno(1,2,3-cd)pyrene are outside control limits. Outside control limits due to high level in sample relative to spike amount.
- The RPD(s) for the MS and MSD recoveries of 2,4-Dinitrophenol, 2,4-Dinitrotoluene, 2,6-Dinitrotoluene, 2-Nitroaniline, 2-Nitrophenol, 3-Nitroaniline, Atrazine, Benzo(g,h,i)perylene, Dibenzo(a,h)anthracene, Pentachlorophenol are outside control limits for sample OP70166-MSD. Probable cause due to sample homogeneity.
- Sample(s) JE25843-2 have surrogates outside control limits. Probable cause due to matrix interference.
- OP70166-MS for 2-Nitrophenol: Outside of in house control limits.
- OP70166-MS for 2,6-Dinitrotoluene: Outside of in house control limits.
- OP70166-MS for 3-Nitroaniline: Outside of in house control limits.
- JE25843-2 for 2,4,6-Tribromophenol: Outside control limits due to dilution.
- OP70166-MS for 4-Chloroaniline: Outside of in house control limits.
- JE25843-2 for 2-Nitrophenol: Associated CCV outside of control limits high, sample was ND.
- OP70166-MS for 2,4-Dinitrophenol: Outside of in house control limits.
- OP70166-MS for 4,6-Dinitro-o-cresol: Outside of in house control limits.

MS Semi-volatiles By Method SW846 8270E

Matrix: SO **Batch ID:** OP70166

- JE25843-2 for Indeno(1,2,3-cd)pyrene: Associated CCV outside of control limits high. Estimated value, due to corresponding failure in the batch associated CCV.
- JE25843-2 for 4,6-Dinitro-o-cresol: Associated CCV outside of control limits high, sample was ND.
- OP70166-MS for Hexachlorocyclopentadiene: Outside of in house control limits.
- JE25843-2 for 2,4-Dinitrophenol: Associated CCV outside of control limits high, sample was ND.
- OP70166-MS for Anthracene: Outside of in house control limits.

GC/LC Semi-volatiles By Method SW846 8082A

Matrix: SO **Batch ID:** OP70109

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JE25909-1MS, JE25909-1MSD, OP70109-MSMSD were used as the QC samples indicated.
- The matrix spike (MS) recovery(s) of Aroclor 1260 are outside control limits. Outside control limits due to high level in sample relative to spike amount.
- OP70109-BS1 for Aroclor 1016: Reported from the 1st signal. The %D of the CCV on the 2nd signal exceeds the method criteria of 20%, so it being used for confirmation only.
- OP70109-BS1 for Aroclor 1260: Reported from the 1st signal. The %D of the CCV on the 2nd signal exceeds the method criteria of 20%, so it being used for confirmation only.

Metals Analysis By Method SW846 6010D

Matrix: AQ **Batch ID:** MP59528

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JE25849-1MS, JE25849-1MSD, JE25849-1SDL were used as the QC samples for the metals analysis.
- The serial dilution RPD(s) for Antimony, Cadmium, Cobalt, Iron, Nickel, Vanadium, Zinc are outside control limits for sample MP59528-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

Matrix: SO **Batch ID:** MP59529

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JE25843-9MSD, JE25843-9PS, JE25843-9SDL, JE25843-9MS, JE25843-9MSD were used as the QC samples for the metals analysis.
- The matrix spike (MS) recovery(s) of Aluminum, Antimony, Calcium, Copper are outside control limits. Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.
- The matrix spike duplicate (MSD) recovery(s) of Aluminum, Antimony, Manganese are outside control limits. Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.
- The RPD(s) for the MS and MSD recoveries of Calcium are outside control limits for sample MP59529-S2. High rpd due to possible sample nonhomogeneity.
- The serial dilution RPD(s) for Antimony, Beryllium, Cadmium, Selenium, Silver are outside control limits for sample MP59529-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
- MP59529-SD1 for Copper: Serial dilution indicates possible matrix interference.

Matrix: SO **Batch ID:** MP59572

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JE25843-2MS, JE25843-2PS, JE25843-2SDL, JE25843-2MS, JE25843-2MSD were used as the QC samples for the metals analysis.
- The matrix spike (MS) recovery(s) of Aluminum, Antimony are outside control limits. Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.
- The matrix spike duplicate (MSD) recovery(s) of Barium, Lead, Magnesium, Copper, Nickel are outside control limits. Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.
- The matrix spike (MS) / matrix spike duplicate (MSD) recovery(s) of Calcium, Iron are outside control limits. Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.
- The RPD(s) for the MS and MSD recoveries of Calcium, Zinc, Copper, Iron, Nickel are outside control limits for sample MP59572-S2. High rpd due to possible sample nonhomogeneity.
- The serial dilution RPD(s) for Antimony, Selenium, Silver are outside control limits for sample MP59572-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

Metals Analysis By Method SW846 7470A

Matrix: AQ **Batch ID:** MP59518

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JE25756-1MS, JE25756-1MSD were used as the QC samples for the metals analysis.

Metals Analysis By Method SW846 7471B

Matrix:	SO	Batch ID:	MP59541

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JE24843-1RMS, JE24843-1RMSD were used as the QC samples for the metals analysis.

Matrix:	SO	Batch ID:	MP59601

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JE26004-1MS, JE26004-1MSD were used as the QC samples for the metals analysis.

General Chemistry By Method EPA 335.4/LACHAT

Matrix:	AQ	Batch ID:	GP66600

- All samples were prepared within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) LB23881-1DUP, LB23881-1MS were used as the QC samples for the Cyanide analysis.
- The matrix spike (MS) recovery(s) of Cyanide are outside control limits. Spike recovery indicates possible matrix interference.
- The duplicate RPD(s) for Cyanide are outside control limits for sample GP66600-D1. High RPD due to possible matrix inteference.

General Chemistry By Method SM2540 G 18TH ED MOD

Matrix:	SO	Batch ID:	GN77680

- Sample(s) JE25562-1DUP were used as the QC samples for the Solids, Percent analysis.

Matrix:	SO	Batch ID:	GN77681

- Sample(s) JE25819-1DUP were used as the QC samples for the Solids, Percent analysis.

Matrix:	SO	Batch ID:	GN77774

- Sample(s) JE25784-1DUP were used as the QC samples for the Solids, Percent analysis.

General Chemistry By Method SW846 3060A/7196A

Matrix: SO **Batch ID:** GP66796

- All samples were prepared within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JE25903-2MS, JE25903-2DUP, JE25903-2MS were used as the QC samples for the Chromium, Hexavalent analysis.
- The matrix spike (MS) recovery(s) of Chromium, Hexavalent are outside control limits. Soluble XCR matrix spike recovery indicates possible matrix interference. Good post spike recovery (102_%) on this sample.
- The duplicate RPD(s) for Chromium, Hexavalent are outside control limits for sample GP66796-D1. RPD acceptable due to low duplicate and sample concentrations.

Matrix: SO **Batch ID:** GP66797

- All samples were prepared within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JE25839-1DUP, JE25839-1MS were used as the QC samples for the Chromium, Hexavalent analysis.
- The matrix spike (MS) recovery(s) of Chromium, Hexavalent are outside control limits. Soluble XCR matrix spike recovery indicates possible matrix interference. Good post spike recovery (96__%) on this sample.
- The duplicate RPD(s) for Chromium, Hexavalent are outside control limits for sample GP66797-D1. High RPD due to possible sample nonhomogeneity.
- GP66797-S2 for Chromium, Hexavalent: Soluble XCR matrix spike recovery indicates possible matrix interference. XXXX post spike recovery (____%) on this sample.

General Chemistry By Method SW846 6010/7196A M

Matrix: AQ **Batch ID:** R221308

- The data for SW846 6010/7196A M meets quality control requirements.
- JE25843-1 for Chromium, Trivalent: Calculated as: (Chromium) - (Chromium, Hexavalent)

Matrix: SO **Batch ID:** R221376

- The data for SW846 6010/7196A M meets quality control requirements.
- JE25843-5 for Chromium, Trivalent: Calculated as: (Chromium) - (Chromium, Hexavalent)

Matrix: SO **Batch ID:** R221377

- The data for SW846 6010/7196A M meets quality control requirements.
- JE25843-9 for Chromium, Trivalent: Calculated as: (Chromium) - (Chromium, Hexavalent)

Matrix: SO **Batch ID:** R221384

- The data for SW846 6010/7196A M meets quality control requirements.
- JE25843-2 for Chromium, Trivalent: Calculated as: (Chromium) - (Chromium, Hexavalent)

General Chemistry By Method SW846 7196A

Matrix: AQ **Batch ID:** GN77704

- All method blanks for this batch meet method specific criteria.
- The following samples were run outside of holding time for method SW846 7196A: JE25843-1 Analysis done out of holding time.

General Chemistry By Method SW846 9012B/LACHAT

Matrix: SO **Batch ID:** GP66604

- All samples were prepared within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JE25927-12MS, JE25927-12DUP were used as the QC samples for the Cyanide analysis.
- The duplicate RPD(s) for Cyanide are outside control limits for sample GP66604-D1. RPD acceptable due to low duplicate and sample concentrations.

Matrix: SO **Batch ID:** GP66664

- All samples were prepared within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JE26004-1DUP, JE26004-1MS were used as the QC samples for the Cyanide analysis.
- The matrix spike (MS) recovery(s) of Cyanide are outside control limits. Spike recovery indicates possible matrix interference.

SGS certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting SGS's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

SGS is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. This report is authorized by SGS indicated via signature on the report cover.

Summary of Hits

Job Number: JE25843
Account: Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY
Collected: 12/23/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JE25843-1	**FB01-122325**					
Cyanide		0.012	0.010		mg/l	EPA 335.4/LACHAT
JE25843-2	**SB06_10-12**					
Benzene		2.3	1.4	1.3	ug/kg	SW846 8260D
Carbon disulfide		17.1	5.8	1.5	ug/kg	SW846 8260D
Phenol		71.4 J	89	23	ug/kg	SW846 8270E
Acenaphthene		1230	44	15	ug/kg	SW846 8270E
Acenaphthylene		23600	2200	1100	ug/kg	SW846 8270E
Acetophenone		1600	220	9.5	ug/kg	SW846 8270E
Anthracene		3090	44	27	ug/kg	SW846 8270E
Benzo(a)anthracene		25900	2200	630	ug/kg	SW846 8270E
Benzo(a)pyrene		44400	2200	1000	ug/kg	SW846 8270E
Benzo(b)fluoranthene		40000	2200	980	ug/kg	SW846 8270E
Benzo(g,h,i)perylene		50900	2200	1100	ug/kg	SW846 8270E
Benzo(k)fluoranthene		10000	220	100	ug/kg	SW846 8270E
1,1'-Biphenyl		248	89	6.1	ug/kg	SW846 8270E
Benzaldehyde		986	220	11	ug/kg	SW846 8270E
Carbazole		563	89	6.4	ug/kg	SW846 8270E
Chrysene		19900	220	70	ug/kg	SW846 8270E
Dibenzo(a,h)anthracene		4590	220	98	ug/kg	SW846 8270E
Dibenzofuran		261	89	18	ug/kg	SW846 8270E
Di-n-butyl phthalate		32.0 J	89	7.2	ug/kg	SW846 8270E
bis(2-Ethylhexyl)phthalate		1430	89	10	ug/kg	SW846 8270E
Fluoranthene		32200	2200	990	ug/kg	SW846 8270E
Fluorene		828	44	20	ug/kg	SW846 8270E
Indeno(1,2,3-cd)pyrene [a]		32700	2200	1000	ug/kg	SW846 8270E
Naphthalene		2460	44	13	ug/kg	SW846 8270E
Phenanthrene		5720	220	75	ug/kg	SW846 8270E
Pyrene		57600	2200	710	ug/kg	SW846 8270E
Aluminum		6200	66		mg/kg	SW846 6010D
Arsenic		5.0	2.6		mg/kg	SW846 6010D
Barium		193	26		mg/kg	SW846 6010D
Beryllium		4.5	0.26		mg/kg	SW846 6010D
Cadmium		1.3	0.66		mg/kg	SW846 6010D
Calcium		153000	6600		mg/kg	SW846 6010D
Chromium		48.9	1.3		mg/kg	SW846 6010D
Cobalt		29.9	6.6		mg/kg	SW846 6010D
Copper		599	3.3		mg/kg	SW846 6010D
Iron		19300	66		mg/kg	SW846 6010D
Lead		820	2.6		mg/kg	SW846 6010D
Magnesium		1830	660		mg/kg	SW846 6010D
Manganese		298	2.0		mg/kg	SW846 6010D

Summary of Hits

Job Number: JE25843
Account: Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY
Collected: 12/23/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Nickel		239	5.3		mg/kg	SW846 6010D
Selenium		2.8	2.6		mg/kg	SW846 6010D
Vanadium		17.5	6.6		mg/kg	SW846 6010D
Zinc		2150	66		mg/kg	SW846 6010D
Chromium, Hexavalent		5.0	0.57		mg/kg	SW846 3060A/7196A
Chromium, Trivalent [b]		43.9	1.9		mg/kg	SW846 6010/7196A M
Cyanide		12.7	0.33		mg/kg	SW846 9012B/LACHAT
JE25843-3	**SB02_12-14**					
No hits reported in this sample.						
JE25843-5	**SB03_12-14**					
Acetone [c]		32.3	14	5.8	ug/kg	SW846 8260D
Benzene		0.68 J	0.70	0.64	ug/kg	SW846 8260D
Carbon disulfide		1.0 J	2.8	0.75	ug/kg	SW846 8260D
Toluene		1.1 J	1.4	0.74	ug/kg	SW846 8260D
Acenaphthene		1010	43	15	ug/kg	SW846 8270E
Acenaphthylene		132	43	22	ug/kg	SW846 8270E
Anthracene		114	43	26	ug/kg	SW846 8270E
Benzo(a)anthracene		118	43	12	ug/kg	SW846 8270E
Benzo(a)pyrene		131	43	20	ug/kg	SW846 8270E
Benzo(b)fluoranthene		104	43	19	ug/kg	SW846 8270E
Benzo(g,h,i)perylene		117	43	21	ug/kg	SW846 8270E
Benzo(k)fluoranthene		42.4 J	43	20	ug/kg	SW846 8270E
1,1'-Biphenyl		685	86	5.9	ug/kg	SW846 8270E
Benzaldehyde		53.5 J	210	11	ug/kg	SW846 8270E
Chrysene		118	43	14	ug/kg	SW846 8270E
Fluoranthene		309	43	19	ug/kg	SW846 8270E
Fluorene		92.4	43	20	ug/kg	SW846 8270E
Indeno(1,2,3-cd)pyrene		61.3	43	20	ug/kg	SW846 8270E
2-Methylnaphthalene		876	43	9.7	ug/kg	SW846 8270E
Naphthalene		3130	43	12	ug/kg	SW846 8270E
Phenanthrene		190	43	14	ug/kg	SW846 8270E
Pyrene		487	43	14	ug/kg	SW846 8270E
Aluminum		3360	43		mg/kg	SW846 6010D
Arsenic		9.6	1.7		mg/kg	SW846 6010D
Barium		55.7	17		mg/kg	SW846 6010D
Beryllium		0.28	0.17		mg/kg	SW846 6010D
Calcium		9830	430		mg/kg	SW846 6010D
Chromium		7.8	0.86		mg/kg	SW846 6010D
Cobalt		4.4	4.3		mg/kg	SW846 6010D
Copper		17.0	2.1		mg/kg	SW846 6010D
Iron		8960	43		mg/kg	SW846 6010D

Summary of Hits

Job Number: JE25843
Account: Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY
Collected: 12/23/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Lead		345	1.7		mg/kg	SW846 6010D
Magnesium		1040	430		mg/kg	SW846 6010D
Manganese		98.2	1.3		mg/kg	SW846 6010D
Mercury		0.63	0.036		mg/kg	SW846 7471B
Nickel		10.9	3.4		mg/kg	SW846 6010D
Vanadium		14.8	4.3		mg/kg	SW846 6010D
Zinc		60.4	4.3		mg/kg	SW846 6010D
Chromium, Trivalent [b]		7.8	1.4		mg/kg	SW846 6010/7196A M
JE25843-6	**SB03_15-17**					
Ethylbenzene [d]		105 J	200	89	ug/kg	SW846 8260D
Xylene (total) [d]		127 J	200	90	ug/kg	SW846 8260D
Acenaphthene		309000	13000	4600	ug/kg	SW846 8270E
Acenaphthylene		83000	13000	6800	ug/kg	SW846 8270E
Anthracene		261000	13000	8200	ug/kg	SW846 8270E
Benzo(a)anthracene		114000	13000	3800	ug/kg	SW846 8270E
Benzo(a)pyrene		155000	13000	6100	ug/kg	SW846 8270E
Benzo(b)fluoranthene		94100	13000	5900	ug/kg	SW846 8270E
Benzo(g,h,i)perylene		121000	13000	6700	ug/kg	SW846 8270E
Benzo(k)fluoranthene [e]		14100	270	120	ug/kg	SW846 8270E
1,1'-Biphenyl [e]		657	530	37	ug/kg	SW846 8270E
Carbazole [e]		966	530	39	ug/kg	SW846 8270E
Chrysene		89600	13000	4200	ug/kg	SW846 8270E
Dibenzo(a,h)anthracene [e]		8170	270	120	ug/kg	SW846 8270E
Fluoranthene		420000	13000	5900	ug/kg	SW846 8270E
Fluorene		322000	13000	6100	ug/kg	SW846 8270E
Indeno(1,2,3-cd)pyrene		72100	13000	6300	ug/kg	SW846 8270E
Naphthalene [e]		3510	270	75	ug/kg	SW846 8270E
Phenanthrene		490000	13000	4500	ug/kg	SW846 8270E
Pyrene		620000	13000	4300	ug/kg	SW846 8270E
JE25843-7	**SB04_16-18**					
Acetone [c]		66.1	15	6.2	ug/kg	SW846 8260D
Carbon disulfide		0.98 J	3.0	0.80	ug/kg	SW846 8260D
3&4-Methylphenol		568	110	47	ug/kg	SW846 8270E
Acenaphthene		2600	57	20	ug/kg	SW846 8270E
Acenaphthylene		1430	57	29	ug/kg	SW846 8270E
Anthracene		832	57	35	ug/kg	SW846 8270E
Benzo(a)anthracene		424	57	16	ug/kg	SW846 8270E
Benzo(a)pyrene		539	57	26	ug/kg	SW846 8270E
Benzo(b)fluoranthene		365	57	25	ug/kg	SW846 8270E
Benzo(g,h,i)perylene		399	57	28	ug/kg	SW846 8270E
Benzo(k)fluoranthene		121	57	26	ug/kg	SW846 8270E

Summary of Hits

Job Number: JE25843
Account: Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY
Collected: 12/23/25

Lab Sample ID / Client Sample ID / Analyte	Result/ Qual	RL	MDL	Units	Method
Chrysene	334	57	18	ug/kg	SW846 8270E
Dibenzo(a,h)anthracene	38.7 J	57	25	ug/kg	SW846 8270E
Fluoranthene	1530	57	25	ug/kg	SW846 8270E
Fluorene	1050	57	26	ug/kg	SW846 8270E
Indeno(1,2,3-cd)pyrene	232	57	27	ug/kg	SW846 8270E
2-Methylnaphthalene	66.6	57	13	ug/kg	SW846 8270E
Naphthalene	2770	57	16	ug/kg	SW846 8270E
Phenanthrene	1680	57	19	ug/kg	SW846 8270E
Pyrene	2130	57	18	ug/kg	SW846 8270E
Aluminum	4590	58		mg/kg	SW846 6010D
Antimony	7.1	2.3		mg/kg	SW846 6010D
Arsenic	19.3	2.3		mg/kg	SW846 6010D
Barium	154	23		mg/kg	SW846 6010D
Beryllium	0.36	0.23		mg/kg	SW846 6010D
Cadmium	0.97	0.58		mg/kg	SW846 6010D
Chromium	11.0	1.2		mg/kg	SW846 6010D
Cobalt	6.8	5.8		mg/kg	SW846 6010D
Copper	364	2.9		mg/kg	SW846 6010D
Iron	13000	58		mg/kg	SW846 6010D
Magnesium	2260	580		mg/kg	SW846 6010D
Manganese	514	1.7		mg/kg	SW846 6010D
Nickel	23.4	4.7		mg/kg	SW846 6010D
Selenium	2.6	2.3		mg/kg	SW846 6010D
Silver	1.9	0.58		mg/kg	SW846 6010D
Vanadium	21.9	5.8		mg/kg	SW846 6010D
Zinc	263	5.8		mg/kg	SW846 6010D
JE25843-8 SB07_12-14					
Acenaphthene	23.9 J	45	16	ug/kg	SW846 8270E
Anthracene	40.9 J	45	28	ug/kg	SW846 8270E
Benzo(a)anthracene	218	45	13	ug/kg	SW846 8270E
Benzo(a)pyrene	184	45	20	ug/kg	SW846 8270E
Benzo(b)fluoranthene	237	45	20	ug/kg	SW846 8270E
Benzo(g,h,i)perylene	115	45	22	ug/kg	SW846 8270E
Benzo(k)fluoranthene	88.1	45	21	ug/kg	SW846 8270E
1,1'-Biphenyl	14.4 J	90	6.2	ug/kg	SW846 8270E
Benzaldehyde	25.1 J	220	11	ug/kg	SW846 8270E
Carbazole	16.4 J	90	6.5	ug/kg	SW846 8270E
Chrysene	251	45	14	ug/kg	SW846 8270E
Dibenzo(a,h)anthracene	31.8 J	45	20	ug/kg	SW846 8270E
Dibenzofuran	21.6 J	90	18	ug/kg	SW846 8270E
Fluoranthene	460	45	20	ug/kg	SW846 8270E
Indeno(1,2,3-cd)pyrene	111	45	21	ug/kg	SW846 8270E
2-Methylnaphthalene	45.3	45	10	ug/kg	SW846 8270E

Summary of Hits

Job Number: JE25843
Account: Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY
Collected: 12/23/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Naphthalene		109	45	13	ug/kg	SW846 8270E
Phenanthrene		305	45	15	ug/kg	SW846 8270E
Pyrene		526	45	14	ug/kg	SW846 8270E
JE25843-9	**SB07_12-14**					
Acenaphthene		35.4 J	37	13	ug/kg	SW846 8270E
Acenaphthylene		46.9	37	19	ug/kg	SW846 8270E
Anthracene		85.0	37	23	ug/kg	SW846 8270E
Benzo(a)anthracene		422	37	10	ug/kg	SW846 8270E
Benzo(a)pyrene		379	37	17	ug/kg	SW846 8270E
Benzo(b)fluoranthene		520	37	16	ug/kg	SW846 8270E
Benzo(g,h,i)perylene		266	37	18	ug/kg	SW846 8270E
Benzo(k)fluoranthene		151	37	17	ug/kg	SW846 8270E
1,1'-Biphenyl		19.4 J	74	5.1	ug/kg	SW846 8270E
Carbazole		20.5 J	74	5.4	ug/kg	SW846 8270E
Chrysene		450	37	12	ug/kg	SW846 8270E
Dibenzo(a,h)anthracene		57.3	37	16	ug/kg	SW846 8270E
Dibenzofuran		39.5 J	74	15	ug/kg	SW846 8270E
Fluoranthene		850	37	16	ug/kg	SW846 8270E
Fluorene		28.9 J	37	17	ug/kg	SW846 8270E
Indeno(1,2,3-cd)pyrene		224	37	17	ug/kg	SW846 8270E
2-Methylnaphthalene		95.9	37	8.3	ug/kg	SW846 8270E
Naphthalene		94.0	37	10	ug/kg	SW846 8270E
Phenanthrene		510	37	12	ug/kg	SW846 8270E
Pyrene		1020	37	12	ug/kg	SW846 8270E
Aluminum		5910	55		mg/kg	SW846 6010D
Arsenic		6.6	2.2		mg/kg	SW846 6010D
Barium		160	22		mg/kg	SW846 6010D
Beryllium		0.40	0.22		mg/kg	SW846 6010D
Calcium		9850	550		mg/kg	SW846 6010D
Chromium		13.6	1.1		mg/kg	SW846 6010D
Cobalt		7.1	5.5		mg/kg	SW846 6010D
Copper		161	2.8		mg/kg	SW846 6010D
Iron		12800	55		mg/kg	SW846 6010D
Lead		297	2.2		mg/kg	SW846 6010D
Magnesium		2850	550		mg/kg	SW846 6010D
Manganese		247	1.7		mg/kg	SW846 6010D
Mercury		1.0	0.062		mg/kg	SW846 7471B
Nickel		31.3	4.4		mg/kg	SW846 6010D
Vanadium		20.7	5.5		mg/kg	SW846 6010D
Zinc		272	5.5		mg/kg	SW846 6010D
Chromium, Hexavalent		0.72	0.47		mg/kg	SW846 3060A/7196A
Chromium, Trivalent [b]		12.9	1.6		mg/kg	SW846 6010/7196A M

Summary of Hits

Job Number: JE25843
Account: Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY
Collected: 12/23/25

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Analyte						

(a) Associated CCV outside of control limits high. Estimated value, due to corresponding failure in the batch associated CCV.
(b) Calculated as: (Chromium) - (Chromium, Hexavalent)
(c) Associated CCV outside of control limits high.
(d) Dilution required due to high concentration of non-target compound.
(e) Dilution required due to matrix interference.

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	FB01-122325		
Lab Sample ID:	JE25843-1	**Date Sampled:**	12/23/25
Matrix:	AQ - Field Blank Soil	**Date Received:**	12/23/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	252 3rd Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1S022427.D	1	01/02/26 12:30	ED	n/a	n/a	V1S544
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.1	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	0.98	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane [a]	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.7	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.8	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform [a]	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.78	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	0.78	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	0.92	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
76-13-1	Freon 113	ND	5.0	0.58	ug/l	
591-78-6	2-Hexanone	ND	5.0	4.8	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FB01-122325		
Lab Sample ID:	JE25843-1	**Date Sampled:**	12/23/25
Matrix:	AQ - Field Blank Soil	**Date Received:**	12/23/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	252 3rd Street, Brooklyn, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.80	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.60	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	4.9	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.56	ug/l	
108-88-3	Toluene	ND	1.0	0.49	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.52	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	111%		80-120%
17060-07-0	1,2-Dichloroethane-D4	87%		80-120%
2037-26-5	Toluene-D8	98%		80-120%
460-00-4	4-Bromofluorobenzene	93%		82-114%

(a) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FB01-122325		
Lab Sample ID:	JE25843-1	**Date Sampled:**	12/23/25
Matrix:	AQ - Field Blank Soil	**Date Received:**	12/23/25
Method:	SW846 8270E SW846 3510C	**Percent Solids:**	n/a
Project:	252 3rd Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F230091.D	1	12/29/25 15:46	RS	12/23/25 17:00	OP70050	EF10217
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.0	0.82	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	0.89	ug/l	
120-83-2	2,4-Dichlorophenol [a]	ND	2.0	1.3	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	2.4	ug/l	
51-28-5	2,4-Dinitrophenol [a]	ND	5.0	1.6	ug/l	
534-52-1	4,6-Dinitro-o-cresol [a]	ND	5.0	1.3	ug/l	
95-48-7	2-Methylphenol	ND	2.0	0.89	ug/l	
	3&4-Methylphenol	ND	2.0	0.88	ug/l	
88-75-5	2-Nitrophenol [a]	ND	5.0	0.96	ug/l	
100-02-7	4-Nitrophenol	ND	10	1.2	ug/l	
87-86-5	Pentachlorophenol	ND	4.0	1.4	ug/l	
108-95-2	Phenol	ND	2.0	0.39	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	1.5	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	1.3	ug/l	
88-06-2	2,4,6-Trichlorophenol [a]	ND	2.0	0.92	ug/l	
83-32-9	Acenaphthene	ND	1.0	0.19	ug/l	
208-96-8	Acenaphthylene	ND	1.0	0.14	ug/l	
98-86-2	Acetophenone	ND	2.0	0.21	ug/l	
120-12-7	Anthracene	ND	1.0	0.21	ug/l	
1912-24-9	Atrazine	ND	2.0	0.45	ug/l	
100-52-7	Benzaldehyde	ND	5.0	0.29	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.0	0.20	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.0	0.21	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.0	0.21	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	0.34	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.0	0.21	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.40	ug/l	
85-68-7	Butyl benzyl phthalate [a]	ND	2.0	0.46	ug/l	
92-52-4	1,1'-Biphenyl	ND	1.0	0.21	ug/l	
91-58-7	2-Chloronaphthalene	ND	2.0	0.24	ug/l	
106-47-8	4-Chloroaniline	ND	5.0	0.34	ug/l	
86-74-8	Carbazole	ND	1.0	0.23	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: FB01-122325
Lab Sample ID: JE25843-1
Matrix: AQ - Field Blank Soil
Method: SW846 8270E SW846 3510C
Project: 252 3rd Street, Brooklyn, NY

Date Sampled: 12/23/25
Date Received: 12/23/25
Percent Solids: n/a

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam [a]	ND	2.0	0.65	ug/l	
218-01-9	Chrysene	ND	1.0	0.18	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	0.28	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.0	0.25	ug/l	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	2.0	0.40	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.37	ug/l	
121-14-2	2,4-Dinitrotoluene [a]	ND	1.0	0.55	ug/l	
606-20-2	2,6-Dinitrotoluene [a]	ND	1.0	0.48	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	2.0	0.51	ug/l	
123-91-1	1,4-Dioxane	ND	1.0	0.66	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.33	ug/l	
132-64-9	Dibenzofuran	ND	5.0	0.22	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.0	0.50	ug/l	
117-84-0	Di-n-octyl phthalate [a]	ND	2.0	0.23	ug/l	
84-66-2	Diethyl phthalate	ND	2.0	0.26	ug/l	
131-11-3	Dimethyl phthalate	ND	2.0	0.22	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate [a]	ND	2.0	1.7	ug/l	
206-44-0	Fluoranthene	ND	1.0	0.17	ug/l	
86-73-7	Fluorene	ND	1.0	0.17	ug/l	
118-74-1	Hexachlorobenzene	ND	1.0	0.33	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	0.49	ug/l	
77-47-4	Hexachlorocyclopentadiene [a]	ND	10	2.8	ug/l	
67-72-1	Hexachloroethane	ND	1.0	0.39	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.0	0.33	ug/l	
78-59-1	Isophorone	ND	2.0	0.28	ug/l	
91-57-6	2-Methylnaphthalene	ND	1.0	0.21	ug/l	
88-74-4	2-Nitroaniline [a]	ND	5.0	0.28	ug/l	
99-09-2	3-Nitroaniline [a]	ND	5.0	0.39	ug/l	
100-01-6	4-Nitroaniline	ND	5.0	0.44	ug/l	
91-20-3	Naphthalene	ND	1.0	0.23	ug/l	
98-95-3	Nitrobenzene	ND	1.0	0.64	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	1.0	0.48	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	0.22	ug/l	
85-01-8	Phenanthrene	ND	1.0	0.18	ug/l	
129-00-0	Pyrene	ND	1.0	0.22	ug/l	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	2.0	0.37	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	36%		10-71%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FB01-122325		
Lab Sample ID:	JE25843-1	**Date Sampled:**	12/23/25
Matrix:	AQ - Field Blank Soil	**Date Received:**	12/23/25
Method:	SW846 8270E SW846 3510C	**Percent Solids:**	n/a
Project:	252 3rd Street, Brooklyn, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	23%		10-58%
118-79-6	2,4,6-Tribromophenol	82%		22-144%
4165-60-0	Nitrobenzene-d5	66%		28-118%
321-60-8	2-Fluorobiphenyl	64%		34-116%
1718-51-0	Terphenyl-d14	70%		10-127%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FB01-122325		
Lab Sample ID:	JE25843-1	**Date Sampled:**	12/23/25
Matrix:	AQ - Field Blank Soil	**Date Received:**	12/23/25
		Percent Solids:	n/a
Project:	252 3rd Street, Brooklyn, NY		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	< 200	200	ug/l	1	12/26/25	12/29/25	MM	SW846 6010D [2]	SW846 3010A [4]
Antimony	< 6.0	6.0	ug/l	1	12/26/25	12/29/25	MM	SW846 6010D [2]	SW846 3010A [4]
Arsenic	< 3.0	3.0	ug/l	1	12/26/25	12/29/25	MM	SW846 6010D [2]	SW846 3010A [4]
Barium	< 200	200	ug/l	1	12/26/25	12/29/25	MM	SW846 6010D [2]	SW846 3010A [4]
Beryllium	< 1.0	1.0	ug/l	1	12/26/25	12/29/25	MM	SW846 6010D [2]	SW846 3010A [4]
Cadmium	< 3.0	3.0	ug/l	1	12/26/25	12/29/25	MM	SW846 6010D [2]	SW846 3010A [4]
Calcium	< 5000	5000	ug/l	1	12/26/25	12/29/25	MM	SW846 6010D [2]	SW846 3010A [4]
Chromium	< 10	10	ug/l	1	12/26/25	12/29/25	MM	SW846 6010D [2]	SW846 3010A [4]
Cobalt	< 50	50	ug/l	1	12/26/25	12/29/25	MM	SW846 6010D [2]	SW846 3010A [4]
Copper	< 10	10	ug/l	1	12/26/25	12/29/25	MM	SW846 6010D [2]	SW846 3010A [4]
Iron	< 100	100	ug/l	1	12/26/25	12/29/25	MM	SW846 6010D [2]	SW846 3010A [4]
Lead	< 3.0	3.0	ug/l	1	12/26/25	12/29/25	MM	SW846 6010D [2]	SW846 3010A [4]
Magnesium	< 5000	5000	ug/l	1	12/26/25	12/29/25	MM	SW846 6010D [2]	SW846 3010A [4]
Manganese	< 15	15	ug/l	1	12/26/25	12/29/25	MM	SW846 6010D [2]	SW846 3010A [4]
Mercury	< 0.20	0.20	ug/l	1	12/24/25	12/24/25	MK	SW846 7470A [1]	SW846 7470A [3]
Nickel	< 10	10	ug/l	1	12/26/25	12/29/25	MM	SW846 6010D [2]	SW846 3010A [4]
Potassium	< 10000	10000	ug/l	1	12/26/25	12/29/25	MM	SW846 6010D [2]	SW846 3010A [4]
Selenium	< 10	10	ug/l	1	12/26/25	12/29/25	MM	SW846 6010D [2]	SW846 3010A [4]
Silver	< 10	10	ug/l	1	12/26/25	12/29/25	MM	SW846 6010D [2]	SW846 3010A [4]
Sodium	< 10000	10000	ug/l	1	12/26/25	12/29/25	MM	SW846 6010D [2]	SW846 3010A [4]
Thallium	< 10	10	ug/l	1	12/26/25	12/29/25	MM	SW846 6010D [2]	SW846 3010A [4]
Vanadium	< 50	50	ug/l	1	12/26/25	12/29/25	MM	SW846 6010D [2]	SW846 3010A [4]
Zinc	< 20	20	ug/l	1	12/26/25	12/29/25	MM	SW846 6010D [2]	SW846 3010A [4]

(1) Instrument QC Batch: MA60008
(2) Instrument QC Batch: MA60025
(3) Prep QC Batch: MP59518
(4) Prep QC Batch: MP59528

RL = Reporting Limit

Report of Analysis

Client Sample ID:	FB01-122325		
Lab Sample ID:	JE25843-1	**Date Sampled:**	12/23/25
Matrix:	AQ - Field Blank Soil	**Date Received:**	12/23/25
		Percent Solids:	n/a
Project:	252 3rd Street, Brooklyn, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent [a]	< 0.010	0.010	mg/l	1	01/01/26 08:25	JOO	SW846 7196A
Chromium, Trivalent [b]	< 0.020	0.020	mg/l	1	01/01/26 08:25	JOO	SW846 6010/7196A M
Cyanide	0.012	0.010	mg/l	1	12/29/25 15:53	SS	EPA 335.4/LACHAT

(a) Analysis done out of holding time.
(b) Calculated as: (Chromium) - (Chromium, Hexavalent)

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB06_10-12		
Lab Sample ID:	JE25843-2	**Date Sampled:**	12/23/25
Matrix:	SO - Soil	**Date Received:**	12/23/25
Method:	SW846 8260D	**Percent Solids:**	72.2
Project:	252 3rd Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y220061.D	1	12/30/25 14:49	JN	n/a	n/a	VY9447
Run #2							

	Initial Weight
Run #1	2.4 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	29	12	ug/kg	
71-43-2	Benzene	2.3	1.4	1.3	ug/kg	
74-97-5	Bromochloromethane [a]	ND	14	1.6	ug/kg	
75-27-4	Bromodichloromethane	ND	5.8	1.2	ug/kg	
75-25-2	Bromoform	ND	14	3.9	ug/kg	
74-83-9	Bromomethane [a]	ND	14	2.2	ug/kg	
78-93-3	2-Butanone (MEK)	ND	29	7.0	ug/kg	
75-15-0	Carbon disulfide	17.1	5.8	1.5	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.8	1.8	ug/kg	
108-90-7	Chlorobenzene	ND	5.8	1.3	ug/kg	
75-00-3	Chloroethane	ND	14	1.7	ug/kg	
67-66-3	Chloroform	ND	5.8	2.9	ug/kg	
74-87-3	Chloromethane	ND	14	5.7	ug/kg	
110-82-7	Cyclohexane	ND	5.8	1.9	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.8	2.0	ug/kg	
124-48-1	Dibromochloromethane	ND	5.8	1.6	ug/kg	
106-93-4	1,2-Dibromoethane	ND	2.9	1.2	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	2.9	1.6	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	2.9	1.4	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	2.9	1.4	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	14	2.1	ug/kg	
75-34-3	1,1-Dichloroethane	ND	2.9	1.4	ug/kg	
107-06-2	1,2-Dichloroethane	ND	2.9	1.4	ug/kg	
75-35-4	1,1-Dichloroethene	ND	2.9	1.9	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	2.9	2.4	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	2.9	1.8	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.8	1.4	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.8	1.4	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.8	1.3	ug/kg	
100-41-4	Ethylbenzene	ND	2.9	1.3	ug/kg	
76-13-1	Freon 113 [a]	ND	14	7.7	ug/kg	
591-78-6	2-Hexanone	ND	14	6.1	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB06_10-12		
Lab Sample ID:	JE25843-2	**Date Sampled:**	12/23/25
Matrix:	SO - Soil	**Date Received:**	12/23/25
Method:	SW846 8260D	**Percent Solids:**	72.2
Project:	252 3rd Street, Brooklyn, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	5.8	4.1	ug/kg	
79-20-9	Methyl Acetate	ND	14	4.0	ug/kg	
108-87-2	Methylcyclohexane	ND	5.8	2.5	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	2.9	1.4	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	14	6.6	ug/kg	
75-09-2	Methylene chloride	ND	14	7.5	ug/kg	
100-42-5	Styrene	ND	5.8	1.2	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.8	1.7	ug/kg	
127-18-4	Tetrachloroethene	ND	5.8	1.7	ug/kg	
108-88-3	Toluene	ND	2.9	1.5	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	14	7.2	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	14	7.2	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.8	1.4	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.8	1.6	ug/kg	
79-01-6	Trichloroethene	ND	2.9	2.2	ug/kg	
75-69-4	Trichlorofluoromethane [a]	ND	14	2.0	ug/kg	
75-01-4	Vinyl chloride	ND	5.8	1.4	ug/kg	
	m,p-Xylene	ND	2.9	2.6	ug/kg	
95-47-6	o-Xylene	ND	2.9	1.3	ug/kg	
1330-20-7	Xylene (total)	ND	2.9	1.3	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		80-124%
17060-07-0	1,2-Dichloroethane-D4	106%		75-133%
2037-26-5	Toluene-D8	99%		79-125%
460-00-4	4-Bromofluorobenzene	95%		58-148%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB06_10-12		
Lab Sample ID:	JE25843-2	**Date Sampled:**	12/23/25
Matrix:	SO - Soil	**Date Received:**	12/23/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	72.2
Project:	252 3rd Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6P524746.D	1	12/31/25 19:05	AO	12/30/25 14:00	OP70166	E6P4544
Run #2	CR15788.D	5	01/02/26 15:23	RS	12/30/25 14:00	OP70166	ECR743
Run #3	CR15791.D	50	01/02/26 16:21	RS	12/30/25 14:00	OP70166	ECR743

	Initial Weight	Final Volume
Run #1	31.2 g	1.0 ml
Run #2	31.2 g	1.0 ml
Run #3	31.2 g	1.0 ml

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	89	22	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	220	27	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	220	38	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	220	79	ug/kg	
51-28-5	2,4-Dinitrophenol [a]	ND	220	170	ug/kg	
534-52-1	4,6-Dinitro-o-cresol [a]	ND	220	47	ug/kg	
95-48-7	2-Methylphenol	ND	89	28	ug/kg	
	3&4-Methylphenol	ND	89	36	ug/kg	
88-75-5	2-Nitrophenol [a]	ND	220	29	ug/kg	
100-02-7	4-Nitrophenol	ND	440	120	ug/kg	
87-86-5	Pentachlorophenol	ND	180	42	ug/kg	
108-95-2	Phenol	71.4	89	23	ug/kg	J
58-90-2	2,3,4,6-Tetrachlorophenol	ND	220	29	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	220	33	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	220	26	ug/kg	
83-32-9	Acenaphthene	1230	44	15	ug/kg	
208-96-8	Acenaphthylene	23600 [b]	2200	1100	ug/kg	
98-86-2	Acetophenone	1600	220	9.5	ug/kg	
120-12-7	Anthracene	3090	44	27	ug/kg	
1912-24-9	Atrazine	ND	89	19	ug/kg	
56-55-3	Benzo(a)anthracene	25900 [b]	2200	630	ug/kg	
50-32-8	Benzo(a)pyrene	44400 [b]	2200	1000	ug/kg	
205-99-2	Benzo(b)fluoranthene	40000 [b]	2200	980	ug/kg	
191-24-2	Benzo(g,h,i)perylene	50900 [b]	2200	1100	ug/kg	
207-08-9	Benzo(k)fluoranthene	10000 [c]	220	100	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	89	17	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	89	11	ug/kg	
92-52-4	1,1'-Biphenyl	248	89	6.1	ug/kg	
100-52-7	Benzaldehyde	986	220	11	ug/kg	
91-58-7	2-Chloronaphthalene	ND	89	11	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB06_10-12		
Lab Sample ID:	JE25843-2	**Date Sampled:**	12/23/25
Matrix:	SO - Soil	**Date Received:**	12/23/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	72.2
Project:	252 3rd Street, Brooklyn, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
106-47-8	4-Chloroaniline	ND	220	16	ug/kg	
86-74-8	Carbazole	563	89	6.4	ug/kg	
105-60-2	Caprolactam	ND	89	18	ug/kg	
218-01-9	Chrysene	19900 [c]	220	70	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	89	9.5	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	89	19	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	89	16	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	89	14	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	44	14	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	44	22	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	89	37	ug/kg	
123-91-1	1,4-Dioxane	ND	44	29	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	4590 [c]	220	98	ug/kg	
132-64-9	Dibenzofuran	261	89	18	ug/kg	
84-74-2	Di-n-butyl phthalate	32.0	89	7.2	ug/kg	J
117-84-0	Di-n-octyl phthalate	ND	89	11	ug/kg	
84-66-2	Diethyl phthalate	ND	89	9.5	ug/kg	
131-11-3	Dimethyl phthalate	ND	89	7.9	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	1430	89	10	ug/kg	
206-44-0	Fluoranthene	32200 [b]	2200	990	ug/kg	
86-73-7	Fluorene	828	44	20	ug/kg	
118-74-1	Hexachlorobenzene	ND	89	11	ug/kg	
87-68-3	Hexachlorobutadiene	ND	44	18	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	440	18	ug/kg	
67-72-1	Hexachloroethane	ND	220	22	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene [d]	32700 [b]	2200	1000	ug/kg	
78-59-1	Isophorone	ND	89	9.5	ug/kg	
91-57-6	2-Methylnaphthalene	ND	44	10	ug/kg	
88-74-4	2-Nitroaniline	ND	220	10	ug/kg	
99-09-2	3-Nitroaniline	ND	220	11	ug/kg	
100-01-6	4-Nitroaniline	ND	220	11	ug/kg	
91-20-3	Naphthalene	2460	44	13	ug/kg	
98-95-3	Nitrobenzene	ND	89	17	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	89	13	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	220	16	ug/kg	
85-01-8	Phenanthrene	5720 [c]	220	75	ug/kg	
129-00-0	Pyrene	57600 [b]	2200	710	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	220	11	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB06_10-12		
Lab Sample ID:	JE25843-2	**Date Sampled:**	12/23/25
Matrix:	SO - Soil	**Date Received:**	12/23/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	72.2
Project:	252 3rd Street, Brooklyn, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Run# 3	Limits
367-12-4	2-Fluorophenol	34%	39%	35%	10-99%
4165-62-2	Phenol-d5	34%	40%	38%	10-96%
118-79-6	2,4,6-Tribromophenol	25%	27%	0% [e]	10-123%
4165-60-0	Nitrobenzene-d5	20%	23%	27%	10-109%
321-60-8	2-Fluorobiphenyl	38%	42%	40%	11-109%
1718-51-0	Terphenyl-d14	35%	45%	43%	10-120%

(a) Associated CCV outside of control limits high, sample was ND.
(b) Result is from Run# 3
(c) Result is from Run# 2
(d) Associated CCV outside of control limits high. Estimated value, due to corresponding failure in the batch associated CCV.
(e) Outside control limits due to dilution.

Report of Analysis

Client Sample ID: SB06_10-12
Lab Sample ID: JE25843-2
Matrix: SO - Soil
Project: 252 3rd Street, Brooklyn, NY

Date Sampled: 12/23/25
Date Received: 12/23/25
Percent Solids: 72.2

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	6200	66	mg/kg	1	12/31/25	12/31/25	LM	SW846 6010D [2]	SW846 3050B [4]
Antimony	< 2.6	2.6	mg/kg	1	12/31/25	12/31/25	LM	SW846 6010D [2]	SW846 3050B [4]
Arsenic	5.0	2.6	mg/kg	1	12/31/25	12/31/25	LM	SW846 6010D [2]	SW846 3050B [4]
Barium	193	26	mg/kg	1	12/31/25	12/31/25	LM	SW846 6010D [2]	SW846 3050B [4]
Beryllium	4.5	0.26	mg/kg	1	12/31/25	12/31/25	LM	SW846 6010D [2]	SW846 3050B [4]
Cadmium	1.3	0.66	mg/kg	1	12/31/25	12/31/25	LM	SW846 6010D [2]	SW846 3050B [4]
Calcium	153000	6600	mg/kg	10	12/31/25	01/02/26	LM	SW846 6010D [3]	SW846 3050B [4]
Chromium	48.9	1.3	mg/kg	1	12/31/25	12/31/25	LM	SW846 6010D [2]	SW846 3050B [4]
Cobalt	29.9	6.6	mg/kg	1	12/31/25	12/31/25	LM	SW846 6010D [2]	SW846 3050B [4]
Copper	599	3.3	mg/kg	1	12/31/25	12/31/25	LM	SW846 6010D [2]	SW846 3050B [4]
Iron	19300	66	mg/kg	1	12/31/25	12/31/25	LM	SW846 6010D [2]	SW846 3050B [4]
Lead	820	2.6	mg/kg	1	12/31/25	12/31/25	LM	SW846 6010D [2]	SW846 3050B [4]
Magnesium	1830	660	mg/kg	1	12/31/25	12/31/25	LM	SW846 6010D [2]	SW846 3050B [4]
Manganese	298	2.0	mg/kg	1	12/31/25	12/31/25	LM	SW846 6010D [2]	SW846 3050B [4]
Mercury	< 0.045	0.045	mg/kg	1	12/30/25	12/31/25	MK	SW846 7471B [1]	SW846 7471B [5]
Nickel	239	5.3	mg/kg	1	12/31/25	12/31/25	LM	SW846 6010D [2]	SW846 3050B [4]
Potassium	< 1300	1300	mg/kg	1	12/31/25	12/31/25	LM	SW846 6010D [2]	SW846 3050B [4]
Selenium	2.8	2.6	mg/kg	1	12/31/25	12/31/25	LM	SW846 6010D [2]	SW846 3050B [4]
Silver	< 0.66	0.66	mg/kg	1	12/31/25	12/31/25	LM	SW846 6010D [2]	SW846 3050B [4]
Sodium	< 1300	1300	mg/kg	1	12/31/25	12/31/25	LM	SW846 6010D [2]	SW846 3050B [4]
Thallium	< 1.3	1.3	mg/kg	1	12/31/25	12/31/25	LM	SW846 6010D [2]	SW846 3050B [4]
Vanadium	17.5	6.6	mg/kg	1	12/31/25	12/31/25	LM	SW846 6010D [2]	SW846 3050B [4]
Zinc	2150	66	mg/kg	10	12/31/25	01/02/26	LM	SW846 6010D [3]	SW846 3050B [4]

(1) Instrument QC Batch: MA60030
(2) Instrument QC Batch: MA60044
(3) Instrument QC Batch: MA60051
(4) Prep QC Batch: MP59572
(5) Prep QC Batch: MP59601

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB06_10-12		
Lab Sample ID:	JE25843-2	**Date Sampled:**	12/23/25
Matrix:	SO - Soil	**Date Received:**	12/23/25
		Percent Solids:	72.2
Project:	252 3rd Street, Brooklyn, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent	5.0	0.57	mg/kg	1	01/07/26 17:05	RI	SW846 3060A/7196A
Chromium, Trivalent [a]	43.9	1.9	mg/kg	1	01/07/26 17:05	RI	SW846 6010/7196A M
Cyanide	12.7	0.33	mg/kg	1	01/02/26 17:55	JD	SW846 9012B/LACHAT
Solids, Percent	72.2		%	1	12/29/25 17:45	RB	SM2540 G 18TH ED MOD

(a) Calculated as: (Chromium) - (Chromium, Hexavalent)

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB02_12-14		
Lab Sample ID:	JE25843-3	**Date Sampled:**	12/23/25
Matrix:	SO - Soil	**Date Received:**	12/23/25
Method:	SW846 8260D	**Percent Solids:**	83.6
Project:	252 3rd Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I271314.D	1	12/24/25 20:59	PS	n/a	n/a	VI10886
Run #2							

	Initial Weight
Run #1	6.4 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone [a]	ND	9.3	3.9	ug/kg	
71-43-2	Benzene	ND	0.47	0.43	ug/kg	
74-97-5	Bromochloromethane	ND	4.7	0.52	ug/kg	
75-27-4	Bromodichloromethane	ND	1.9	0.40	ug/kg	
75-25-2	Bromoform	ND	4.7	1.3	ug/kg	
74-83-9	Bromomethane	ND	4.7	0.71	ug/kg	
78-93-3	2-Butanone (MEK) [a]	ND	9.3	2.3	ug/kg	
75-15-0	Carbon disulfide	ND	1.9	0.50	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.9	0.58	ug/kg	
108-90-7	Chlorobenzene	ND	1.9	0.43	ug/kg	
75-00-3	Chloroethane [b]	ND	4.7	0.55	ug/kg	
67-66-3	Chloroform	ND	1.9	0.93	ug/kg	
74-87-3	Chloromethane	ND	4.7	1.8	ug/kg	
110-82-7	Cyclohexane	ND	1.9	0.61	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.9	0.65	ug/kg	
124-48-1	Dibromochloromethane	ND	1.9	0.52	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.93	0.39	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.93	0.51	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.93	0.46	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.93	0.46	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	4.7	0.68	ug/kg	
75-34-3	1,1-Dichloroethane	ND	0.93	0.46	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.93	0.44	ug/kg	
75-35-4	1,1-Dichloroethene	ND	0.93	0.61	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.93	0.78	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.93	0.57	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.9	0.44	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.9	0.44	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.9	0.43	ug/kg	
100-41-4	Ethylbenzene	ND	0.93	0.42	ug/kg	
76-13-1	Freon 113	ND	4.7	2.5	ug/kg	
591-78-6	2-Hexanone	ND	4.7	2.0	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB02_12-14		
Lab Sample ID:	JE25843-3	**Date Sampled:**	12/23/25
Matrix:	SO - Soil	**Date Received:**	12/23/25
Method:	SW846 8260D	**Percent Solids:**	83.6
Project:	252 3rd Street, Brooklyn, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.9	1.3	ug/kg	
79-20-9	Methyl Acetate	ND	4.7	1.3	ug/kg	
108-87-2	Methylcyclohexane	ND	1.9	0.82	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.93	0.44	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	4.7	2.1	ug/kg	
75-09-2	Methylene chloride	ND	4.7	2.4	ug/kg	
100-42-5	Styrene	ND	1.9	0.38	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.9	0.56	ug/kg	
127-18-4	Tetrachloroethene	ND	1.9	0.54	ug/kg	
108-88-3	Toluene	ND	0.93	0.49	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.7	2.3	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.7	2.3	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.9	0.45	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.9	0.52	ug/kg	
79-01-6	Trichloroethene	ND	0.93	0.71	ug/kg	
75-69-4	Trichlorofluoromethane	ND	4.7	0.64	ug/kg	
75-01-4	Vinyl chloride	ND	1.9	0.45	ug/kg	
	m,p-Xylene	ND	0.93	0.84	ug/kg	
95-47-6	o-Xylene	ND	0.93	0.43	ug/kg	
1330-20-7	Xylene (total)	ND	0.93	0.43	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	117%		80-124%
17060-07-0	1,2-Dichloroethane-D4	112%		75-133%
2037-26-5	Toluene-D8	106%		79-125%
460-00-4	4-Bromofluorobenzene	102%		58-148%

(a) Associated CCV outside of control limits high, sample was ND.
(b) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB02_12-14		
Lab Sample ID:	JE25843-3	**Date Sampled:**	12/23/25
Matrix:	SO - Soil	**Date Received:**	12/23/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	83.6
Project:	252 3rd Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6P524711.D	1	12/30/25 20:52	RS	12/27/25 16:00	OP70042	E6P4543
Run #2							

	Initial Weight	Final Volume
Run #1	30.5 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	78	19	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	200	24	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	200	33	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	200	70	ug/kg	
51-28-5	2,4-Dinitrophenol [a]	ND	200	150	ug/kg	
534-52-1	4,6-Dinitro-o-cresol [a]	ND	200	42	ug/kg	
95-48-7	2-Methylphenol	ND	78	25	ug/kg	
	3&4-Methylphenol	ND	78	32	ug/kg	
88-75-5	2-Nitrophenol [a]	ND	200	26	ug/kg	
100-02-7	4-Nitrophenol	ND	390	100	ug/kg	
87-86-5	Pentachlorophenol	ND	160	37	ug/kg	
108-95-2	Phenol	ND	78	20	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	200	26	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	200	29	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	200	23	ug/kg	
83-32-9	Acenaphthene	ND	39	14	ug/kg	
208-96-8	Acenaphthylene	ND	39	20	ug/kg	
98-86-2	Acetophenone	ND	200	8.4	ug/kg	
120-12-7	Anthracene	ND	39	24	ug/kg	
1912-24-9	Atrazine	ND	78	17	ug/kg	
56-55-3	Benzo(a)anthracene	ND	39	11	ug/kg	
50-32-8	Benzo(a)pyrene	ND	39	18	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	39	17	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	39	20	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	39	18	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	78	15	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	78	9.6	ug/kg	
92-52-4	1,1'-Biphenyl	ND	78	5.4	ug/kg	
100-52-7	Benzaldehyde	ND	200	9.7	ug/kg	
91-58-7	2-Chloronaphthalene	ND	78	9.3	ug/kg	
106-47-8	4-Chloroaniline	ND	200	14	ug/kg	
86-74-8	Carbazole	ND	78	5.7	ug/kg	

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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB02_12-14
Lab Sample ID: JE25843-3
Matrix: SO - Soil
Method: SW846 8270E SW846 3546
Project: 252 3rd Street, Brooklyn, NY

Date Sampled: 12/23/25
Date Received: 12/23/25
Percent Solids: 83.6

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	78	15	ug/kg	
218-01-9	Chrysene	ND	39	12	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	78	8.4	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	78	17	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	78	14	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	78	13	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	39	12	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	39	20	ug/kg	
91-94-1	3,3'-Dichlorobenzidine [a]	ND	78	33	ug/kg	
123-91-1	1,4-Dioxane	ND	39	26	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	39	17	ug/kg	
132-64-9	Dibenzofuran	ND	78	16	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	78	6.4	ug/kg	
117-84-0	Di-n-octyl phthalate [a]	ND	78	9.8	ug/kg	
84-66-2	Diethyl phthalate	ND	78	8.4	ug/kg	
131-11-3	Dimethyl phthalate	ND	78	7.0	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	78	9.2	ug/kg	
206-44-0	Fluoranthene	ND	39	17	ug/kg	
86-73-7	Fluorene	ND	39	18	ug/kg	
118-74-1	Hexachlorobenzene	ND	78	9.9	ug/kg	
87-68-3	Hexachlorobutadiene	ND	39	16	ug/kg	
77-47-4	Hexachlorocyclopentadiene [a]	ND	390	16	ug/kg	
67-72-1	Hexachloroethane	ND	200	19	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	39	18	ug/kg	
78-59-1	Isophorone	ND	78	8.4	ug/kg	
91-57-6	2-Methylnaphthalene	ND	39	8.9	ug/kg	
88-74-4	2-Nitroaniline	ND	200	9.3	ug/kg	
99-09-2	3-Nitroaniline	ND	200	9.8	ug/kg	
100-01-6	4-Nitroaniline [a]	ND	200	10	ug/kg	
91-20-3	Naphthalene	ND	39	11	ug/kg	
98-95-3	Nitrobenzene	ND	78	15	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	78	11	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	200	14	ug/kg	
85-01-8	Phenanthrene	ND	39	13	ug/kg	
129-00-0	Pyrene	ND	39	13	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	200	10	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	47%		10-99%

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Report of Analysis

Client Sample ID:	SB02_12-14		
Lab Sample ID:	JE25843-3	**Date Sampled:**	12/23/25
Matrix:	SO - Soil	**Date Received:**	12/23/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	83.6
Project:	252 3rd Street, Brooklyn, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	51%		10-96%
118-79-6	2,4,6-Tribromophenol	75%		10-123%
4165-60-0	Nitrobenzene-d5	45%		10-109%
321-60-8	2-Fluorobiphenyl	58%		11-109%
1718-51-0	Terphenyl-d14	71%		10-120%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB03_12-14		
Lab Sample ID:	JE25843-5	**Date Sampled:**	12/23/25
Matrix:	SO - Soil	**Date Received:**	12/23/25
Method:	SW846 8260D	**Percent Solids:**	77.6
Project:	252 3rd Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I271315.D	1	12/24/25 21:21	PS	n/a	n/a	VI10886
Run #2							

	Initial Weight
Run #1	4.6 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone [a]	32.3	14	5.8	ug/kg	
71-43-2	Benzene	0.68	0.70	0.64	ug/kg	J
74-97-5	Bromochloromethane	ND	7.0	0.78	ug/kg	
75-27-4	Bromodichloromethane	ND	2.8	0.60	ug/kg	
75-25-2	Bromoform	ND	7.0	1.9	ug/kg	
74-83-9	Bromomethane	ND	7.0	1.1	ug/kg	
78-93-3	2-Butanone (MEK) [b]	ND	14	3.4	ug/kg	
75-15-0	Carbon disulfide	1.0	2.8	0.75	ug/kg	J
56-23-5	Carbon tetrachloride	ND	2.8	0.87	ug/kg	
108-90-7	Chlorobenzene	ND	2.8	0.64	ug/kg	
75-00-3	Chloroethane [c]	ND	7.0	0.83	ug/kg	
67-66-3	Chloroform	ND	2.8	1.4	ug/kg	
74-87-3	Chloromethane	ND	7.0	2.7	ug/kg	
110-82-7	Cyclohexane	ND	2.8	0.92	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.8	0.97	ug/kg	
124-48-1	Dibromochloromethane	ND	2.8	0.78	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.4	0.59	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.4	0.76	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.4	0.69	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.4	0.69	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	7.0	1.0	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.4	0.69	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.4	0.66	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.4	0.92	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.4	1.2	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.4	0.86	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.8	0.66	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.8	0.67	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.8	0.64	ug/kg	
100-41-4	Ethylbenzene	ND	1.4	0.63	ug/kg	
76-13-1	Freon 113	ND	7.0	3.7	ug/kg	
591-78-6	2-Hexanone	ND	7.0	3.0	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB03_12-14		
Lab Sample ID:	JE25843-5	**Date Sampled:**	12/23/25
Matrix:	SO - Soil	**Date Received:**	12/23/25
Method:	SW846 8260D	**Percent Solids:**	77.6
Project:	252 3rd Street, Brooklyn, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.8	2.0	ug/kg	
79-20-9	Methyl Acetate	ND	7.0	1.9	ug/kg	
108-87-2	Methylcyclohexane	ND	2.8	1.2	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.4	0.66	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	7.0	3.2	ug/kg	
75-09-2	Methylene chloride	ND	7.0	3.7	ug/kg	
100-42-5	Styrene	ND	2.8	0.56	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.8	0.84	ug/kg	
127-18-4	Tetrachloroethene	ND	2.8	0.81	ug/kg	
108-88-3	Toluene	1.1	1.4	0.74	ug/kg	J
87-61-6	1,2,3-Trichlorobenzene	ND	7.0	3.5	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	7.0	3.5	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.8	0.68	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.8	0.78	ug/kg	
79-01-6	Trichloroethene	ND	1.4	1.1	ug/kg	
75-69-4	Trichlorofluoromethane	ND	7.0	0.96	ug/kg	
75-01-4	Vinyl chloride	ND	2.8	0.67	ug/kg	
	m,p-Xylene	ND	1.4	1.3	ug/kg	
95-47-6	o-Xylene	ND	1.4	0.64	ug/kg	
1330-20-7	Xylene (total)	ND	1.4	0.64	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		80-124%
17060-07-0	1,2-Dichloroethane-D4	118%		75-133%
2037-26-5	Toluene-D8	105%		79-125%
460-00-4	4-Bromofluorobenzene	105%		58-148%

(a) Associated CCV outside of control limits high.
(b) Associated CCV outside of control limits high, sample was ND.
(c) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB03_12-14		
Lab Sample ID:	JE25843-5	**Date Sampled:**	12/23/25
Matrix:	SO - Soil	**Date Received:**	12/23/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	77.6
Project:	252 3rd Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6P524712.D	1	12/30/25 21:11	RS	12/27/25 16:00	OP70042	E6P4543
Run #2							

	Initial Weight	Final Volume
Run #1	30.0 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	86	21	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	210	26	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	210	37	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	210	76	ug/kg	
51-28-5	2,4-Dinitrophenol [a]	ND	210	160	ug/kg	
534-52-1	4,6-Dinitro-o-cresol [a]	ND	210	46	ug/kg	
95-48-7	2-Methylphenol	ND	86	27	ug/kg	
	3&4-Methylphenol	ND	86	35	ug/kg	
88-75-5	2-Nitrophenol [a]	ND	210	28	ug/kg	
100-02-7	4-Nitrophenol	ND	430	110	ug/kg	
87-86-5	Pentachlorophenol	ND	170	40	ug/kg	
108-95-2	Phenol	ND	86	22	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	210	28	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	210	32	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	210	26	ug/kg	
83-32-9	Acenaphthene	1010	43	15	ug/kg	
208-96-8	Acenaphthylene	132	43	22	ug/kg	
98-86-2	Acetophenone	ND	210	9.2	ug/kg	
120-12-7	Anthracene	114	43	26	ug/kg	
1912-24-9	Atrazine	ND	86	18	ug/kg	
56-55-3	Benzo(a)anthracene	118	43	12	ug/kg	
50-32-8	Benzo(a)pyrene	131	43	20	ug/kg	
205-99-2	Benzo(b)fluoranthene	104	43	19	ug/kg	
191-24-2	Benzo(g,h,i)perylene	117	43	21	ug/kg	
207-08-9	Benzo(k)fluoranthene	42.4	43	20	ug/kg	J
101-55-3	4-Bromophenyl phenyl ether	ND	86	17	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	86	10	ug/kg	
92-52-4	1,1'-Biphenyl	685	86	5.9	ug/kg	
100-52-7	Benzaldehyde	53.5	210	11	ug/kg	J
91-58-7	2-Chloronaphthalene	ND	86	10	ug/kg	
106-47-8	4-Chloroaniline	ND	210	15	ug/kg	
86-74-8	Carbazole	ND	86	6.2	ug/kg	

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RL = Reporting Limit
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Report of Analysis

Client Sample ID:	SB03_12-14		
Lab Sample ID:	JE25843-5	**Date Sampled:**	12/23/25
Matrix:	SO - Soil	**Date Received:**	12/23/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	77.6
Project:	252 3rd Street, Brooklyn, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	86	17	ug/kg	
218-01-9	Chrysene	118	43	14	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	86	9.2	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	86	19	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	86	15	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	86	14	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	43	13	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	43	22	ug/kg	
91-94-1	3,3'-Dichlorobenzidine [a]	ND	86	36	ug/kg	
123-91-1	1,4-Dioxane	ND	43	28	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	43	19	ug/kg	
132-64-9	Dibenzofuran	ND	86	17	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	86	7.0	ug/kg	
117-84-0	Di-n-octyl phthalate [a]	ND	86	11	ug/kg	
84-66-2	Diethyl phthalate	ND	86	9.1	ug/kg	
131-11-3	Dimethyl phthalate	ND	86	7.6	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	86	10	ug/kg	
206-44-0	Fluoranthene	309	43	19	ug/kg	
86-73-7	Fluorene	92.4	43	20	ug/kg	
118-74-1	Hexachlorobenzene	ND	86	11	ug/kg	
87-68-3	Hexachlorobutadiene	ND	43	17	ug/kg	
77-47-4	Hexachlorocyclopentadiene [a]	ND	430	17	ug/kg	
67-72-1	Hexachloroethane	ND	210	21	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	61.3	43	20	ug/kg	
78-59-1	Isophorone	ND	86	9.2	ug/kg	
91-57-6	2-Methylnaphthalene	876	43	9.7	ug/kg	
88-74-4	2-Nitroaniline	ND	210	10	ug/kg	
99-09-2	3-Nitroaniline	ND	210	11	ug/kg	
100-01-6	4-Nitroaniline [a]	ND	210	11	ug/kg	
91-20-3	Naphthalene	3130	43	12	ug/kg	
98-95-3	Nitrobenzene	ND	86	17	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	86	12	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	210	16	ug/kg	
85-01-8	Phenanthrene	190	43	14	ug/kg	
129-00-0	Pyrene	487	43	14	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	210	11	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	52%		10-99%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB03_12-14		
Lab Sample ID:	JE25843-5	**Date Sampled:**	12/23/25
Matrix:	SO - Soil	**Date Received:**	12/23/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	77.6
Project:	252 3rd Street, Brooklyn, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	59%		10-96%
118-79-6	2,4,6-Tribromophenol	86%		10-123%
4165-60-0	Nitrobenzene-d5	51%		10-109%
321-60-8	2-Fluorobiphenyl	70%		11-109%
1718-51-0	Terphenyl-d14	77%		10-120%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB03_12-14
Lab Sample ID: JE25843-5
Matrix: SO - Soil
Project: 252 3rd Street, Brooklyn, NY

Date Sampled: 12/23/25
Date Received: 12/23/25
Percent Solids: 77.6

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	3360	43	mg/kg	1	12/26/25	12/28/25	MM	SW846 6010D [2]	SW846 3050B [3]
Antimony	< 1.7	1.7	mg/kg	1	12/26/25	12/28/25	MM	SW846 6010D [2]	SW846 3050B [3]
Arsenic	9.6	1.7	mg/kg	1	12/26/25	12/28/25	MM	SW846 6010D [2]	SW846 3050B [3]
Barium	55.7	17	mg/kg	1	12/26/25	12/28/25	MM	SW846 6010D [2]	SW846 3050B [3]
Beryllium	0.28	0.17	mg/kg	1	12/26/25	12/28/25	MM	SW846 6010D [2]	SW846 3050B [3]
Cadmium	< 0.43	0.43	mg/kg	1	12/26/25	12/28/25	MM	SW846 6010D [2]	SW846 3050B [3]
Calcium	9830	430	mg/kg	1	12/26/25	12/28/25	MM	SW846 6010D [2]	SW846 3050B [3]
Chromium	7.8	0.86	mg/kg	1	12/26/25	12/28/25	MM	SW846 6010D [2]	SW846 3050B [3]
Cobalt	4.4	4.3	mg/kg	1	12/26/25	12/28/25	MM	SW846 6010D [2]	SW846 3050B [3]
Copper	17.0	2.1	mg/kg	1	12/26/25	12/28/25	MM	SW846 6010D [2]	SW846 3050B [3]
Iron	8960	43	mg/kg	1	12/26/25	12/28/25	MM	SW846 6010D [2]	SW846 3050B [3]
Lead	345	1.7	mg/kg	1	12/26/25	12/28/25	MM	SW846 6010D [2]	SW846 3050B [3]
Magnesium	1040	430	mg/kg	1	12/26/25	12/28/25	MM	SW846 6010D [2]	SW846 3050B [3]
Manganese	98.2	1.3	mg/kg	1	12/26/25	12/28/25	MM	SW846 6010D [2]	SW846 3050B [3]
Mercury	0.63	0.036	mg/kg	1	12/29/25	12/29/25	MK	SW846 7471B [1]	SW846 7471B [4]
Nickel	10.9	3.4	mg/kg	1	12/26/25	12/28/25	MM	SW846 6010D [2]	SW846 3050B [3]
Potassium	< 860	860	mg/kg	1	12/26/25	12/28/25	MM	SW846 6010D [2]	SW846 3050B [3]
Selenium	< 1.7	1.7	mg/kg	1	12/26/25	12/28/25	MM	SW846 6010D [2]	SW846 3050B [3]
Silver	< 0.43	0.43	mg/kg	1	12/26/25	12/28/25	MM	SW846 6010D [2]	SW846 3050B [3]
Sodium	< 860	860	mg/kg	1	12/26/25	12/28/25	MM	SW846 6010D [2]	SW846 3050B [3]
Thallium	< 0.86	0.86	mg/kg	1	12/26/25	12/28/25	MM	SW846 6010D [2]	SW846 3050B [3]
Vanadium	14.8	4.3	mg/kg	1	12/26/25	12/28/25	MM	SW846 6010D [2]	SW846 3050B [3]
Zinc	60.4	4.3	mg/kg	1	12/26/25	12/28/25	MM	SW846 6010D [2]	SW846 3050B [3]

(1) Instrument QC Batch: MA60009
(2) Instrument QC Batch: MA60024
(3) Prep QC Batch: MP59529
(4) Prep QC Batch: MP59541

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB03_12-14		
Lab Sample ID:	JE25843-5	**Date Sampled:**	12/23/25
Matrix:	SO - Soil	**Date Received:**	12/23/25
		Percent Solids:	77.6
Project:	252 3rd Street, Brooklyn, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent	< 0.51	0.51	mg/kg	1	01/06/26 18:45	RI	SW846 3060A/7196A
Chromium, Trivalent [a]	7.8	1.4	mg/kg	1	01/06/26 18:45	RI	SW846 6010/7196A M
Solids, Percent	77.6		%	1	12/24/25 08:40	RB	SM2540 G 18TH ED MOD

(a) Calculated as: (Chromium) - (Chromium, Hexavalent)

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB03_15-17		
Lab Sample ID:	JE25843-6	**Date Sampled:**	12/23/25
Matrix:	SO - Soil	**Date Received:**	12/23/25
Method:	SW846 8260D	**Percent Solids:**	61.9
Project:	252 3rd Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	GA29804.D	1	12/30/25 20:09	JN	n/a	n/a	VGA788
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.9 g	10.0 ml	100 ul
Run #2			

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone [b]	ND	2000	810	ug/kg	
71-43-2	Benzene	ND	98	89	ug/kg	
74-97-5	Bromochloromethane	ND	980	110	ug/kg	
75-27-4	Bromodichloromethane	ND	390	84	ug/kg	
75-25-2	Bromoform	ND	980	270	ug/kg	
74-83-9	Bromomethane [b]	ND	980	150	ug/kg	
78-93-3	2-Butanone (MEK)	ND	2000	480	ug/kg	
75-15-0	Carbon disulfide	ND	390	100	ug/kg	
56-23-5	Carbon tetrachloride	ND	390	120	ug/kg	
108-90-7	Chlorobenzene	ND	390	90	ug/kg	
75-00-3	Chloroethane [c]	ND	980	120	ug/kg	
67-66-3	Chloroform	ND	390	200	ug/kg	
74-87-3	Chloromethane [b]	ND	980	380	ug/kg	
110-82-7	Cyclohexane	ND	390	130	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	390	140	ug/kg	
124-48-1	Dibromochloromethane	ND	390	110	ug/kg	
106-93-4	1,2-Dibromoethane	ND	200	82	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	200	110	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	200	97	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	200	97	ug/kg	
75-71-8	Dichlorodifluoromethane [b]	ND	980	140	ug/kg	
75-34-3	1,1-Dichloroethane	ND	200	97	ug/kg	
107-06-2	1,2-Dichloroethane	ND	200	92	ug/kg	
75-35-4	1,1-Dichloroethene	ND	200	130	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	200	160	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	200	120	ug/kg	
78-87-5	1,2-Dichloropropane	ND	390	93	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	390	93	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	390	89	ug/kg	
100-41-4	Ethylbenzene	105	200	89	ug/kg	J
76-13-1	Freon 113	ND	980	520	ug/kg	
591-78-6	2-Hexanone	ND	980	410	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB03_15-17		
Lab Sample ID:	JE25843-6	**Date Sampled:**	12/23/25
Matrix:	SO - Soil	**Date Received:**	12/23/25
Method:	SW846 8260D	**Percent Solids:**	61.9
Project:	252 3rd Street, Brooklyn, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	390	280	ug/kg	
79-20-9	Methyl Acetate	ND	980	270	ug/kg	
108-87-2	Methylcyclohexane	ND	390	170	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	200	92	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	980	440	ug/kg	
75-09-2	Methylene chloride	ND	980	510	ug/kg	
100-42-5	Styrene	ND	390	79	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	390	120	ug/kg	
127-18-4	Tetrachloroethene	ND	390	110	ug/kg	
108-88-3	Toluene	ND	200	100	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	980	490	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	980	490	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	390	94	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	390	110	ug/kg	
79-01-6	Trichloroethene	ND	200	150	ug/kg	
75-69-4	Trichlorofluoromethane [b]	ND	980	130	ug/kg	
75-01-4	Vinyl chloride [b]	ND	390	94	ug/kg	
	m,p-Xylene	ND	200	180	ug/kg	
95-47-6	o-Xylene	ND	200	90	ug/kg	
1330-20-7	Xylene (total)	127	200	90	ug/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	91%		80-124%
17060-07-0	1,2-Dichloroethane-D4	99%		75-133%
2037-26-5	Toluene-D8	111%		79-125%
460-00-4	4-Bromofluorobenzene	101%		58-148%

(a) Dilution required due to high concentration of non-target compound.
(b) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
(c) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.This compound in blank spike is outside in house QC limits bias low.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB03_15-17		
Lab Sample ID:	JE25843-6	**Date Sampled:**	12/23/25
Matrix:	SO - Soil	**Date Received:**	12/23/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	61.9
Project:	252 3rd Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	CR15743.D	5	12/31/25 15:11	AO	12/27/25 16:00	OP70042	ECR741
Run #2	CR15744.D	250	12/31/25 15:30	AO	12/27/25 16:00	OP70042	ECR741

	Initial Weight	Final Volume
Run #1	30.3 g	1.0 ml
Run #2	30.3 g	1.0 ml

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	530	130	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	1300	160	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	1300	230	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	1300	470	ug/kg	
51-28-5	2,4-Dinitrophenol [b]	ND	1300	1000	ug/kg	
534-52-1	4,6-Dinitro-o-cresol [b]	ND	1300	290	ug/kg	
95-48-7	2-Methylphenol	ND	530	170	ug/kg	
	3&4-Methylphenol	ND	530	220	ug/kg	
88-75-5	2-Nitrophenol [b]	ND	1300	180	ug/kg	
100-02-7	4-Nitrophenol	ND	2700	710	ug/kg	
87-86-5	Pentachlorophenol	ND	1100	250	ug/kg	
108-95-2	Phenol	ND	530	140	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	1300	180	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	1300	200	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	1300	160	ug/kg	
83-32-9	Acenaphthene	309000 [c]	13000	4600	ug/kg	
208-96-8	Acenaphthylene	83000 [c]	13000	6800	ug/kg	
98-86-2	Acetophenone	ND	1300	57	ug/kg	
120-12-7	Anthracene	261000 [c]	13000	8200	ug/kg	
1912-24-9	Atrazine	ND	530	110	ug/kg	
56-55-3	Benzo(a)anthracene	114000 [c]	13000	3800	ug/kg	
50-32-8	Benzo(a)pyrene	155000 [c]	13000	6100	ug/kg	
205-99-2	Benzo(b)fluoranthene	94100 [c]	13000	5900	ug/kg	
191-24-2	Benzo(g,h,i)perylene	121000 [c]	13000	6700	ug/kg	
207-08-9	Benzo(k)fluoranthene	14100	270	120	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	530	100	ug/kg	
85-68-7	Butyl benzyl phthalate [b]	ND	530	65	ug/kg	
92-52-4	1,1'-Biphenyl	657	530	37	ug/kg	
100-52-7	Benzaldehyde	ND	1300	66	ug/kg	
91-58-7	2-Chloronaphthalene	ND	530	63	ug/kg	
106-47-8	4-Chloroaniline [d]	ND	1300	96	ug/kg	
86-74-8	Carbazole	966	530	39	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB03_15-17
Lab Sample ID: JE25843-6
Matrix: SO - Soil
Method: SW846 8270E SW846 3546
Project: 252 3rd Street, Brooklyn, NY

Date Sampled: 12/23/25
Date Received: 12/23/25
Percent Solids: 61.9

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	530	110	ug/kg	
218-01-9	Chrysene	89600 [c]	13000	4200	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	530	57	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	530	110	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	530	96	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	530	86	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	270	83	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	270	130	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	530	220	ug/kg	
123-91-1	1,4-Dioxane	ND	270	180	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	8170	270	120	ug/kg	
132-64-9	Dibenzofuran	ND	530	110	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	530	43	ug/kg	
117-84-0	Di-n-octyl phthalate [b]	ND	530	66	ug/kg	
84-66-2	Diethyl phthalate	ND	530	57	ug/kg	
131-11-3	Dimethyl phthalate	ND	530	47	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate [b]	ND	530	62	ug/kg	
206-44-0	Fluoranthene	420000 [c]	13000	5900	ug/kg	
86-73-7	Fluorene	322000 [c]	13000	6100	ug/kg	
118-74-1	Hexachlorobenzene	ND	530	67	ug/kg	
87-68-3	Hexachlorobutadiene	ND	270	110	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	2700	110	ug/kg	
67-72-1	Hexachloroethane	ND	1300	130	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	72100 [c]	13000	6300	ug/kg	
78-59-1	Isophorone	ND	530	57	ug/kg	
91-57-6	2-Methylnaphthalene	ND	270	60	ug/kg	
88-74-4	2-Nitroaniline	ND	1300	63	ug/kg	
99-09-2	3-Nitroaniline	ND	1300	67	ug/kg	
100-01-6	4-Nitroaniline	ND	1300	69	ug/kg	
91-20-3	Naphthalene	3510	270	75	ug/kg	
98-95-3	Nitrobenzene	ND	530	100	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	530	77	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	1300	98	ug/kg	
85-01-8	Phenanthrene	490000 [c]	13000	4500	ug/kg	
129-00-0	Pyrene	620000 [c]	13000	4300	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	1300	68	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	63%	0% [e]	10-99%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB03_15-17		
Lab Sample ID:	JE25843-6	**Date Sampled:**	12/23/25
Matrix:	SO - Soil	**Date Received:**	12/23/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	61.9
Project:	252 3rd Street, Brooklyn, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	64%	0% [e]	10-96%
118-79-6	2,4,6-Tribromophenol	80%	0% [e]	10-123%
4165-60-0	Nitrobenzene-d5	61%	0% [e]	10-109%
321-60-8	2-Fluorobiphenyl	70%	0% [e]	11-109%
1718-51-0	Terphenyl-d14	82%	0% [e]	10-120%

(a) Dilution required due to matrix interference.
(b) Associated CCV outside of control limits high, sample was ND.
(c) Result is from Run# 2
(d) Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Sample was ND.
(e) Outside control limits due to dilution.

Report of Analysis

Client Sample ID:	SB04_16-18		
Lab Sample ID:	JE25843-7	**Date Sampled:**	12/23/25
Matrix:	SO - Soil	**Date Received:**	12/23/25
Method:	SW846 8260D	**Percent Solids:**	58.3
Project:	252 3rd Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I271316.D	1	12/24/25 21:43	PS	n/a	n/a	VI10886
Run #2							

	Initial Weight
Run #1	5.7 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone [a]	66.1	15	6.2	ug/kg	
71-43-2	Benzene	ND	0.75	0.68	ug/kg	
74-97-5	Bromochloromethane	ND	7.5	0.84	ug/kg	
75-27-4	Bromodichloromethane	ND	3.0	0.65	ug/kg	
75-25-2	Bromoform	ND	7.5	2.0	ug/kg	
74-83-9	Bromomethane	ND	7.5	1.1	ug/kg	
78-93-3	2-Butanone (MEK) [b]	ND	15	3.7	ug/kg	
75-15-0	Carbon disulfide	0.98	3.0	0.80	ug/kg	J
56-23-5	Carbon tetrachloride	ND	3.0	0.93	ug/kg	
108-90-7	Chlorobenzene	ND	3.0	0.69	ug/kg	
75-00-3	Chloroethane [c]	ND	7.5	0.89	ug/kg	
67-66-3	Chloroform	ND	3.0	1.5	ug/kg	
74-87-3	Chloromethane	ND	7.5	2.9	ug/kg	
110-82-7	Cyclohexane	ND	3.0	0.99	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.0	1.0	ug/kg	
124-48-1	Dibromochloromethane	ND	3.0	0.84	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.5	0.63	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.5	0.82	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.5	0.75	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.5	0.74	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	7.5	1.1	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.5	0.74	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.5	0.71	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.5	0.99	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.5	1.3	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.92	ug/kg	
78-87-5	1,2-Dichloropropane	ND	3.0	0.71	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	3.0	0.71	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	3.0	0.69	ug/kg	
100-41-4	Ethylbenzene	ND	1.5	0.68	ug/kg	
76-13-1	Freon 113	ND	7.5	4.0	ug/kg	
591-78-6	2-Hexanone	ND	7.5	3.2	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB04_16-18		
Lab Sample ID:	JE25843-7	**Date Sampled:**	12/23/25
Matrix:	SO - Soil	**Date Received:**	12/23/25
Method:	SW846 8260D	**Percent Solids:**	58.3
Project:	252 3rd Street, Brooklyn, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	3.0	2.1	ug/kg	
79-20-9	Methyl Acetate	ND	7.5	2.1	ug/kg	
108-87-2	Methylcyclohexane	ND	3.0	1.3	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.5	0.71	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	7.5	3.4	ug/kg	
75-09-2	Methylene chloride	ND	7.5	3.9	ug/kg	
100-42-5	Styrene	ND	3.0	0.60	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	3.0	0.90	ug/kg	
127-18-4	Tetrachloroethene	ND	3.0	0.87	ug/kg	
108-88-3	Toluene	ND	1.5	0.79	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	7.5	3.8	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	7.5	3.8	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	3.0	0.73	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	3.0	0.83	ug/kg	
79-01-6	Trichloroethene	ND	1.5	1.1	ug/kg	
75-69-4	Trichlorofluoromethane	ND	7.5	1.0	ug/kg	
75-01-4	Vinyl chloride	ND	3.0	0.72	ug/kg	
	m,p-Xylene	ND	1.5	1.3	ug/kg	
95-47-6	o-Xylene	ND	1.5	0.69	ug/kg	
1330-20-7	Xylene (total)	ND	1.5	0.69	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	113%		80-124%
17060-07-0	1,2-Dichloroethane-D4	109%		75-133%
2037-26-5	Toluene-D8	104%		79-125%
460-00-4	4-Bromofluorobenzene	101%		58-148%

(a) Associated CCV outside of control limits high.
(b) Associated CCV outside of control limits high, sample was ND.
(c) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB04_16-18		
Lab Sample ID:	JE25843-7	**Date Sampled:**	12/23/25
Matrix:	SO - Soil	**Date Received:**	12/23/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	58.3
Project:	252 3rd Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6P524714.D	1	12/30/25 21:48	RS	12/27/25 16:00	OP70042	E6P4543
Run #2							

	Initial Weight	Final Volume
Run #1	30.3 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	110	28	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	280	35	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	280	48	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	280	100	ug/kg	
51-28-5	2,4-Dinitrophenol [a]	ND	280	210	ug/kg	
534-52-1	4,6-Dinitro-o-cresol [a]	ND	280	61	ug/kg	
95-48-7	2-Methylphenol	ND	110	36	ug/kg	
	3&4-Methylphenol	568	110	47	ug/kg	
88-75-5	2-Nitrophenol [a]	ND	280	37	ug/kg	
100-02-7	4-Nitrophenol	ND	570	150	ug/kg	
87-86-5	Pentachlorophenol	ND	230	53	ug/kg	
108-95-2	Phenol	ND	110	30	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	280	37	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	280	42	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	280	34	ug/kg	
83-32-9	Acenaphthene	2600	57	20	ug/kg	
208-96-8	Acenaphthylene	1430	57	29	ug/kg	
98-86-2	Acetophenone	ND	280	12	ug/kg	
120-12-7	Anthracene	832	57	35	ug/kg	
1912-24-9	Atrazine	ND	110	24	ug/kg	
56-55-3	Benzo(a)anthracene	424	57	16	ug/kg	
50-32-8	Benzo(a)pyrene	539	57	26	ug/kg	
205-99-2	Benzo(b)fluoranthene	365	57	25	ug/kg	
191-24-2	Benzo(g,h,i)perylene	399	57	28	ug/kg	
207-08-9	Benzo(k)fluoranthene	121	57	26	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	110	22	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	110	14	ug/kg	
92-52-4	1,1'-Biphenyl	ND	110	7.8	ug/kg	
100-52-7	Benzaldehyde	ND	280	14	ug/kg	
91-58-7	2-Chloronaphthalene	ND	110	13	ug/kg	
106-47-8	4-Chloroaniline	ND	280	20	ug/kg	
86-74-8	Carbazole	ND	110	8.2	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB04_16-18
Lab Sample ID: JE25843-7
Matrix: SO - Soil
Method: SW846 8270E SW846 3546
Project: 252 3rd Street, Brooklyn, NY

Date Sampled: 12/23/25
Date Received: 12/23/25
Percent Solids: 58.3

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	110	22	ug/kg	
218-01-9	Chrysene	334	57	18	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	110	12	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	110	24	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	110	20	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	110	18	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	57	18	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	57	28	ug/kg	
91-94-1	3,3'-Dichlorobenzidine [a]	ND	110	47	ug/kg	
123-91-1	1,4-Dioxane	ND	57	37	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	38.7	57	25	ug/kg	J
132-64-9	Dibenzofuran	ND	110	23	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	110	9.2	ug/kg	
117-84-0	Di-n-octyl phthalate [a]	ND	110	14	ug/kg	
84-66-2	Diethyl phthalate	ND	110	12	ug/kg	
131-11-3	Dimethyl phthalate	ND	110	10	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	110	13	ug/kg	
206-44-0	Fluoranthene	1530	57	25	ug/kg	
86-73-7	Fluorene	1050	57	26	ug/kg	
118-74-1	Hexachlorobenzene	ND	110	14	ug/kg	
87-68-3	Hexachlorobutadiene	ND	57	23	ug/kg	
77-47-4	Hexachlorocyclopentadiene [a]	ND	570	23	ug/kg	
67-72-1	Hexachloroethane	ND	280	28	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	232	57	27	ug/kg	
78-59-1	Isophorone	ND	110	12	ug/kg	
91-57-6	2-Methylnaphthalene	66.6	57	13	ug/kg	
88-74-4	2-Nitroaniline	ND	280	13	ug/kg	
99-09-2	3-Nitroaniline	ND	280	14	ug/kg	
100-01-6	4-Nitroaniline [a]	ND	280	15	ug/kg	
91-20-3	Naphthalene	2770	57	16	ug/kg	
98-95-3	Nitrobenzene	ND	110	22	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	110	16	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	280	21	ug/kg	
85-01-8	Phenanthrene	1680	57	19	ug/kg	
129-00-0	Pyrene	2130	57	18	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	280	14	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	58%		10-99%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB04_16-18		
Lab Sample ID:	JE25843-7	**Date Sampled:**	12/23/25
Matrix:	SO - Soil	**Date Received:**	12/23/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	58.3
Project:	252 3rd Street, Brooklyn, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	58%		10-96%
118-79-6	2,4,6-Tribromophenol	77%		10-123%
4165-60-0	Nitrobenzene-d5	56%		10-109%
321-60-8	2-Fluorobiphenyl	62%		11-109%
1718-51-0	Terphenyl-d14	60%		10-120%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB04_16-18		
Lab Sample ID:	JE25843-7	**Date Sampled:**	12/23/25
Matrix:	SO - Soil	**Date Received:**	12/23/25
		Percent Solids:	58.3
Project:	252 3rd Street, Brooklyn, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	4590	58	mg/kg	1	12/26/25	12/28/25	MM	SW846 6010D [1]	SW846 3050B [2]
Antimony	7.1	2.3	mg/kg	1	12/26/25	12/28/25	MM	SW846 6010D [1]	SW846 3050B [2]
Arsenic	19.3	2.3	mg/kg	1	12/26/25	12/28/25	MM	SW846 6010D [1]	SW846 3050B [2]
Barium	154	23	mg/kg	1	12/26/25	12/28/25	MM	SW846 6010D [1]	SW846 3050B [2]
Beryllium	0.36	0.23	mg/kg	1	12/26/25	12/28/25	MM	SW846 6010D [1]	SW846 3050B [2]
Cadmium	0.97	0.58	mg/kg	1	12/26/25	12/28/25	MM	SW846 6010D [1]	SW846 3050B [2]
Chromium	11.0	1.2	mg/kg	1	12/26/25	12/28/25	MM	SW846 6010D [1]	SW846 3050B [2]
Cobalt	6.8	5.8	mg/kg	1	12/26/25	12/28/25	MM	SW846 6010D [1]	SW846 3050B [2]
Copper	364	2.9	mg/kg	1	12/26/25	12/28/25	MM	SW846 6010D [1]	SW846 3050B [2]
Iron	13000	58	mg/kg	1	12/26/25	12/28/25	MM	SW846 6010D [1]	SW846 3050B [2]
Magnesium	2260	580	mg/kg	1	12/26/25	12/28/25	MM	SW846 6010D [1]	SW846 3050B [2]
Manganese	514	1.7	mg/kg	1	12/26/25	12/28/25	MM	SW846 6010D [1]	SW846 3050B [2]
Nickel	23.4	4.7	mg/kg	1	12/26/25	12/28/25	MM	SW846 6010D [1]	SW846 3050B [2]
Potassium	< 1200	1200	mg/kg	1	12/26/25	12/28/25	MM	SW846 6010D [1]	SW846 3050B [2]
Selenium	2.6	2.3	mg/kg	1	12/26/25	12/28/25	MM	SW846 6010D [1]	SW846 3050B [2]
Silver	1.9	0.58	mg/kg	1	12/26/25	12/28/25	MM	SW846 6010D [1]	SW846 3050B [2]
Sodium	< 1200	1200	mg/kg	1	12/26/25	12/28/25	MM	SW846 6010D [1]	SW846 3050B [2]
Thallium	< 1.2	1.2	mg/kg	1	12/26/25	12/28/25	MM	SW846 6010D [1]	SW846 3050B [2]
Vanadium	21.9	5.8	mg/kg	1	12/26/25	12/28/25	MM	SW846 6010D [1]	SW846 3050B [2]
Zinc	263	5.8	mg/kg	1	12/26/25	12/28/25	MM	SW846 6010D [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA60024
(2) Prep QC Batch: MP59529

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB07_12-14		
Lab Sample ID:	JE25843-8	**Date Sampled:**	12/23/25
Matrix:	SO - Soil	**Date Received:**	12/23/25
Method:	SW846 8260D	**Percent Solids:**	71.1
Project:	252 3rd Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y220009.D	1	12/26/25 20:55	PS	n/a	n/a	VY9445
Run #2 [a]	I271317.D	1	12/24/25 22:05	PS	n/a	n/a	VI10886

	Initial Weight
Run #1	3.2 g
Run #2	3.3 g

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	22	9.1	ug/kg	
71-43-2	Benzene	ND	1.1	1.0	ug/kg	
74-97-5	Bromochloromethane	ND	11	1.2	ug/kg	
75-27-4	Bromodichloromethane	ND	4.4	0.94	ug/kg	
75-25-2	Bromoform	ND	11	3.0	ug/kg	
74-83-9	Bromomethane [b]	ND	11	1.7	ug/kg	
78-93-3	2-Butanone (MEK)	ND	22	5.3	ug/kg	
75-15-0	Carbon disulfide	ND	4.4	1.2	ug/kg	
56-23-5	Carbon tetrachloride	ND	4.4	1.4	ug/kg	
108-90-7	Chlorobenzene	ND	4.4	1.0	ug/kg	
75-00-3	Chloroethane	ND	11	1.3	ug/kg	
67-66-3	Chloroform	ND	4.4	2.2	ug/kg	
74-87-3	Chloromethane	ND	11	4.3	ug/kg	
110-82-7	Cyclohexane	ND	4.4	1.4	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	4.4	1.5	ug/kg	
124-48-1	Dibromochloromethane	ND	4.4	1.2	ug/kg	
106-93-4	1,2-Dibromoethane	ND	2.2	0.93	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	2.2	1.2	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	2.2	1.1	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	2.2	1.1	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	11	1.6	ug/kg	
75-34-3	1,1-Dichloroethane	ND	2.2	1.1	ug/kg	
107-06-2	1,2-Dichloroethane	ND	2.2	1.0	ug/kg	
75-35-4	1,1-Dichloroethene	ND	2.2	1.4	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	2.2	1.8	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	2.2	1.3	ug/kg	
78-87-5	1,2-Dichloropropane	ND	4.4	1.0	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	4.4	1.0	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	4.4	1.0	ug/kg	
100-41-4	Ethylbenzene	ND	2.2	1.0	ug/kg	
76-13-1	Freon 113	ND	11	5.9	ug/kg	
591-78-6	2-Hexanone	ND	11	4.7	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB07_12-14		
Lab Sample ID:	JE25843-8	**Date Sampled:**	12/23/25
Matrix:	SO - Soil	**Date Received:**	12/23/25
Method:	SW846 8260D	**Percent Solids:**	71.1
Project:	252 3rd Street, Brooklyn, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	4.4	3.1	ug/kg	
79-20-9	Methyl Acetate	ND	11	3.1	ug/kg	
108-87-2	Methylcyclohexane	ND	4.4	1.9	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	2.2	1.0	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	11	5.0	ug/kg	
75-09-2	Methylene chloride	ND	11	5.7	ug/kg	
100-42-5	Styrene	ND	4.4	0.88	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	4.4	1.3	ug/kg	
127-18-4	Tetrachloroethene	ND	4.4	1.3	ug/kg	
108-88-3	Toluene	ND	2.2	1.2	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	11	5.5	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	11	5.5	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	4.4	1.1	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	4.4	1.2	ug/kg	
79-01-6	Trichloroethene	ND	2.2	1.7	ug/kg	
75-69-4	Trichlorofluoromethane [b]	ND	11	1.5	ug/kg	
75-01-4	Vinyl chloride	ND	4.4	1.1	ug/kg	
	m,p-Xylene	ND	2.2	2.0	ug/kg	
95-47-6	o-Xylene	ND	2.2	1.0	ug/kg	
1330-20-7	Xylene (total)	ND	2.2	1.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	116%	120%	80-124%
17060-07-0	1,2-Dichloroethane-D4	109%	115%	75-133%
2037-26-5	Toluene-D8	112%	135% [c]	79-125%
460-00-4	4-Bromofluorobenzene	134%	158% [c]	58-148%

(a) Confirmation run.
(b) Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.
(c) Outside control limits due to matrix interference.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB07_12-14		
Lab Sample ID:	JE25843-8	**Date Sampled:**	12/23/25
Matrix:	SO - Soil	**Date Received:**	12/23/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	71.1
Project:	252 3rd Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CR15739.D	1	12/31/25 13:53	AO	12/27/25 16:00	OP70042	ECR741
Run #2							

	Initial Weight	Final Volume
Run #1	31.3 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	90	22	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	220	28	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	220	38	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	220	80	ug/kg	
51-28-5	2,4-Dinitrophenol [a]	ND	220	170	ug/kg	
534-52-1	4,6-Dinitro-o-cresol [a]	ND	220	48	ug/kg	
95-48-7	2-Methylphenol	ND	90	29	ug/kg	
	3&4-Methylphenol	ND	90	37	ug/kg	
88-75-5	2-Nitrophenol [a]	ND	220	30	ug/kg	
100-02-7	4-Nitrophenol	ND	450	120	ug/kg	
87-86-5	Pentachlorophenol	ND	180	42	ug/kg	
108-95-2	Phenol	ND	90	23	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	220	30	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	220	34	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	220	27	ug/kg	
83-32-9	Acenaphthene	23.9	45	16	ug/kg	J
208-96-8	Acenaphthylene	ND	45	23	ug/kg	
98-86-2	Acetophenone	ND	220	9.7	ug/kg	
120-12-7	Anthracene	40.9	45	28	ug/kg	J
1912-24-9	Atrazine	ND	90	19	ug/kg	
56-55-3	Benzo(a)anthracene	218	45	13	ug/kg	
50-32-8	Benzo(a)pyrene	184	45	20	ug/kg	
205-99-2	Benzo(b)fluoranthene	237	45	20	ug/kg	
191-24-2	Benzo(g,h,i)perylene	115	45	22	ug/kg	
207-08-9	Benzo(k)fluoranthene	88.1	45	21	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	90	17	ug/kg	
85-68-7	Butyl benzyl phthalate [a]	ND	90	11	ug/kg	
92-52-4	1,1'-Biphenyl	14.4	90	6.2	ug/kg	J
100-52-7	Benzaldehyde	25.1	220	11	ug/kg	J
91-58-7	2-Chloronaphthalene	ND	90	11	ug/kg	
106-47-8	4-Chloroaniline [b]	ND	220	16	ug/kg	
86-74-8	Carbazole	16.4	90	6.5	ug/kg	J

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB07_12-14
Lab Sample ID: JE25843-8
Matrix: SO - Soil
Method: SW846 8270E SW846 3546
Project: 252 3rd Street, Brooklyn, NY

Date Sampled: 12/23/25
Date Received: 12/23/25
Percent Solids: 71.1

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	90	18	ug/kg	
218-01-9	Chrysene	251	45	14	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	90	9.6	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	90	19	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	90	16	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	90	15	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	45	14	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	45	23	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	90	37	ug/kg	
123-91-1	1,4-Dioxane	ND	45	30	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	31.8	45	20	ug/kg	J
132-64-9	Dibenzofuran	21.6	90	18	ug/kg	J
84-74-2	Di-n-butyl phthalate	ND	90	7.3	ug/kg	
117-84-0	Di-n-octyl phthalate [a]	ND	90	11	ug/kg	
84-66-2	Diethyl phthalate	ND	90	9.6	ug/kg	
131-11-3	Dimethyl phthalate	ND	90	8.0	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate [a]	ND	90	11	ug/kg	
206-44-0	Fluoranthene	460	45	20	ug/kg	
86-73-7	Fluorene	ND	45	21	ug/kg	
118-74-1	Hexachlorobenzene	ND	90	11	ug/kg	
87-68-3	Hexachlorobutadiene	ND	45	18	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	450	18	ug/kg	
67-72-1	Hexachloroethane	ND	220	22	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	111	45	21	ug/kg	
78-59-1	Isophorone	ND	90	9.6	ug/kg	
91-57-6	2-Methylnaphthalene	45.3	45	10	ug/kg	
88-74-4	2-Nitroaniline	ND	220	11	ug/kg	
99-09-2	3-Nitroaniline	ND	220	11	ug/kg	
100-01-6	4-Nitroaniline	ND	220	12	ug/kg	
91-20-3	Naphthalene	109	45	13	ug/kg	
98-95-3	Nitrobenzene	ND	90	17	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	90	13	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	220	16	ug/kg	
85-01-8	Phenanthrene	305	45	15	ug/kg	
129-00-0	Pyrene	526	45	14	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	220	11	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	37%		10-99%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB07_12-14		
Lab Sample ID:	JE25843-8	**Date Sampled:**	12/23/25
Matrix:	SO - Soil	**Date Received:**	12/23/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	71.1
Project:	252 3rd Street, Brooklyn, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	47%		10-96%
118-79-6	2,4,6-Tribromophenol	57%		10-123%
4165-60-0	Nitrobenzene-d5	42%		10-109%
321-60-8	2-Fluorobiphenyl	62%		11-109%
1718-51-0	Terphenyl-d14	80%		10-120%

(a) Associated CCV outside of control limits high, sample was ND.
(b) Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Sample was ND.

Report of Analysis

Client Sample ID:	SB07_12-14		
Lab Sample ID:	JE25843-9	**Date Sampled:**	12/23/25
Matrix:	SO - Soil	**Date Received:**	12/23/25
Method:	SW846 8260D	**Percent Solids:**	88.2
Project:	252 3rd Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y220010.D	1	12/26/25 21:16	PS	n/a	n/a	VY9445
Run #2							

	Initial Weight
Run #1	2.8 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	20	8.4	ug/kg	
71-43-2	Benzene	ND	1.0	0.92	ug/kg	
74-97-5	Bromochloromethane	ND	10	1.1	ug/kg	
75-27-4	Bromodichloromethane	ND	4.0	0.87	ug/kg	
75-25-2	Bromoform	ND	10	2.8	ug/kg	
74-83-9	Bromomethane [a]	ND	10	1.5	ug/kg	
78-93-3	2-Butanone (MEK)	ND	20	4.9	ug/kg	
75-15-0	Carbon disulfide	ND	4.0	1.1	ug/kg	
56-23-5	Carbon tetrachloride	ND	4.0	1.3	ug/kg	
108-90-7	Chlorobenzene	ND	4.0	0.93	ug/kg	
75-00-3	Chloroethane	ND	10	1.2	ug/kg	
67-66-3	Chloroform	ND	4.0	2.0	ug/kg	
74-87-3	Chloromethane	ND	10	4.0	ug/kg	
110-82-7	Cyclohexane	ND	4.0	1.3	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	4.0	1.4	ug/kg	
124-48-1	Dibromochloromethane	ND	4.0	1.1	ug/kg	
106-93-4	1,2-Dibromoethane	ND	2.0	0.85	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	2.0	1.1	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	2.0	1.0	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	2.0	1.0	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	10	1.5	ug/kg	
75-34-3	1,1-Dichloroethane	ND	2.0	1.0	ug/kg	
107-06-2	1,2-Dichloroethane	ND	2.0	0.95	ug/kg	
75-35-4	1,1-Dichloroethene	ND	2.0	1.3	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	2.0	1.7	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	2.0	1.2	ug/kg	
78-87-5	1,2-Dichloropropane	ND	4.0	0.96	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	4.0	0.96	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	4.0	0.93	ug/kg	
100-41-4	Ethylbenzene	ND	2.0	0.92	ug/kg	
76-13-1	Freon 113	ND	10	5.4	ug/kg	
591-78-6	2-Hexanone	ND	10	4.3	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB07_12-14		
Lab Sample ID:	JE25843-9	**Date Sampled:**	12/23/25
Matrix:	SO - Soil	**Date Received:**	12/23/25
Method:	SW846 8260D	**Percent Solids:**	88.2
Project:	252 3rd Street, Brooklyn, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	4.0	2.9	ug/kg	
79-20-9	Methyl Acetate	ND	10	2.8	ug/kg	
108-87-2	Methylcyclohexane	ND	4.0	1.8	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	2.0	0.95	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	10	4.6	ug/kg	
75-09-2	Methylene chloride	ND	10	5.3	ug/kg	
100-42-5	Styrene	ND	4.0	0.81	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	4.0	1.2	ug/kg	
127-18-4	Tetrachloroethene	ND	4.0	1.2	ug/kg	
108-88-3	Toluene	ND	2.0	1.1	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	10	5.1	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	10	5.1	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	4.0	0.98	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	4.0	1.1	ug/kg	
79-01-6	Trichloroethene	ND	2.0	1.5	ug/kg	
75-69-4	Trichlorofluoromethane [a]	ND	10	1.4	ug/kg	
75-01-4	Vinyl chloride	ND	4.0	0.97	ug/kg	
	m,p-Xylene	ND	2.0	1.8	ug/kg	
95-47-6	o-Xylene	ND	2.0	0.93	ug/kg	
1330-20-7	Xylene (total)	ND	2.0	0.93	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	117%		80-124%
17060-07-0	1,2-Dichloroethane-D4	104%		75-133%
2037-26-5	Toluene-D8	104%		79-125%
460-00-4	4-Bromofluorobenzene	115%		58-148%

(a) Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB07_12-14		
Lab Sample ID:	JE25843-9	**Date Sampled:**	12/23/25
Matrix:	SO - Soil	**Date Received:**	12/23/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	88.2
Project:	252 3rd Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CR15740.D	1	12/31/25 14:13	AO	12/27/25 16:00	OP70042	ECR741
Run #2							

	Initial Weight	Final Volume
Run #1	30.7 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	74	18	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	180	23	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	180	32	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	180	66	ug/kg	
51-28-5	2,4-Dinitrophenol [a]	ND	180	140	ug/kg	
534-52-1	4,6-Dinitro-o-cresol [a]	ND	180	40	ug/kg	
95-48-7	2-Methylphenol	ND	74	24	ug/kg	
	3&4-Methylphenol	ND	74	30	ug/kg	
88-75-5	2-Nitrophenol [a]	ND	180	24	ug/kg	
100-02-7	4-Nitrophenol	ND	370	99	ug/kg	
87-86-5	Pentachlorophenol	ND	150	35	ug/kg	
108-95-2	Phenol	ND	74	19	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	180	24	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	180	28	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	180	22	ug/kg	
83-32-9	Acenaphthene	35.4	37	13	ug/kg	J
208-96-8	Acenaphthylene	46.9	37	19	ug/kg	
98-86-2	Acetophenone	ND	180	7.9	ug/kg	
120-12-7	Anthracene	85.0	37	23	ug/kg	
1912-24-9	Atrazine	ND	74	16	ug/kg	
56-55-3	Benzo(a)anthracene	422	37	10	ug/kg	
50-32-8	Benzo(a)pyrene	379	37	17	ug/kg	
205-99-2	Benzo(b)fluoranthene	520	37	16	ug/kg	
191-24-2	Benzo(g,h,i)perylene	266	37	18	ug/kg	
207-08-9	Benzo(k)fluoranthene	151	37	17	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	74	14	ug/kg	
85-68-7	Butyl benzyl phthalate [a]	ND	74	9.0	ug/kg	
92-52-4	1,1'-Biphenyl	19.4	74	5.1	ug/kg	J
100-52-7	Benzaldehyde	ND	180	9.2	ug/kg	
91-58-7	2-Chloronaphthalene	ND	74	8.8	ug/kg	
106-47-8	4-Chloroaniline [b]	ND	180	13	ug/kg	
86-74-8	Carbazole	20.5	74	5.4	ug/kg	J

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB07_12-14
Lab Sample ID: JE25843-9
Matrix: SO - Soil
Method: SW846 8270E SW846 3546
Project: 252 3rd Street, Brooklyn, NY

Date Sampled: 12/23/25
Date Received: 12/23/25
Percent Solids: 88.2

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	74	15	ug/kg	
218-01-9	Chrysene	450	37	12	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	74	7.9	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	74	16	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	74	13	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	74	12	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	37	11	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	37	19	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	74	31	ug/kg	
123-91-1	1,4-Dioxane	ND	37	24	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	57.3	37	16	ug/kg	
132-64-9	Dibenzofuran	39.5	74	15	ug/kg	J
84-74-2	Di-n-butyl phthalate	ND	74	6.0	ug/kg	
117-84-0	Di-n-octyl phthalate [a]	ND	74	9.2	ug/kg	
84-66-2	Diethyl phthalate	ND	74	7.9	ug/kg	
131-11-3	Dimethyl phthalate	ND	74	6.6	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate [a]	ND	74	8.6	ug/kg	
206-44-0	Fluoranthene	850	37	16	ug/kg	
86-73-7	Fluorene	28.9	37	17	ug/kg	J
118-74-1	Hexachlorobenzene	ND	74	9.3	ug/kg	
87-68-3	Hexachlorobutadiene	ND	37	15	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	370	15	ug/kg	
67-72-1	Hexachloroethane	ND	180	18	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	224	37	17	ug/kg	
78-59-1	Isophorone	ND	74	7.9	ug/kg	
91-57-6	2-Methylnaphthalene	95.9	37	8.3	ug/kg	
88-74-4	2-Nitroaniline	ND	180	8.7	ug/kg	
99-09-2	3-Nitroaniline	ND	180	9.2	ug/kg	
100-01-6	4-Nitroaniline	ND	180	9.6	ug/kg	
91-20-3	Naphthalene	94.0	37	10	ug/kg	
98-95-3	Nitrobenzene	ND	74	14	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	74	11	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	180	14	ug/kg	
85-01-8	Phenanthrene	510	37	12	ug/kg	
129-00-0	Pyrene	1020	37	12	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	180	9.4	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	38%		10-99%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB07_12-14		
Lab Sample ID:	JE25843-9	**Date Sampled:**	12/23/25
Matrix:	SO - Soil	**Date Received:**	12/23/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	88.2
Project:	252 3rd Street, Brooklyn, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	49%		10-96%
118-79-6	2,4,6-Tribromophenol	45%		10-123%
4165-60-0	Nitrobenzene-d5	43%		10-109%
321-60-8	2-Fluorobiphenyl	59%		11-109%
1718-51-0	Terphenyl-d14	66%		10-120%

(a) Associated CCV outside of control limits high, sample was ND.
(b) Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB07_12-14		
Lab Sample ID:	JE25843-9	**Date Sampled:**	12/23/25
Matrix:	SO - Soil	**Date Received:**	12/23/25
Method:	SW846 8082A SW846 3570	**Percent Solids:**	88.2
Project:	252 3rd Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	RL33759.D	1	12/29/25 19:38	AS	12/24/25 13:00	OP70109	GRL864
Run #2							

	Initial Weight	Final Volume
Run #1	5.5 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	21	8.8	ug/kg	
11104-28-2	Aroclor 1221	ND	21	6.9	ug/kg	
11141-16-5	Aroclor 1232	ND	21	17	ug/kg	
53469-21-9	Aroclor 1242	ND	21	12	ug/kg	
12672-29-6	Aroclor 1248	ND	21	4.5	ug/kg	
11097-69-1	Aroclor 1254	ND	21	2.2	ug/kg	
11096-82-5	Aroclor 1260	ND	21	7.1	ug/kg	
11100-14-4	Aroclor 1268	ND	21	2.1	ug/kg	
37324-23-5	Aroclor 1262	ND	21	1.7	ug/kg	
1336-36-3	Total PCBs	ND	21	1.7	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	81%		35-154%
877-09-8	Tetrachloro-m-xylene	73%		35-154%
2051-24-3	Decachlorobiphenyl	43%		24-176%
2051-24-3	Decachlorobiphenyl	41%		24-176%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB07_12-14
Lab Sample ID: JE25843-9
Matrix: SO - Soil
Project: 252 3rd Street, Brooklyn, NY

Date Sampled: 12/23/25
Date Received: 12/23/25
Percent Solids: 88.2

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	5910	55	mg/kg	1	12/26/25	12/28/25	MM	SW846 6010D [2]	SW846 3050B [3]
Antimony	< 2.2	2.2	mg/kg	1	12/26/25	12/28/25	MM	SW846 6010D [2]	SW846 3050B [3]
Arsenic	6.6	2.2	mg/kg	1	12/26/25	12/28/25	MM	SW846 6010D [2]	SW846 3050B [3]
Barium	160	22	mg/kg	1	12/26/25	12/28/25	MM	SW846 6010D [2]	SW846 3050B [3]
Beryllium	0.40	0.22	mg/kg	1	12/26/25	12/28/25	MM	SW846 6010D [2]	SW846 3050B [3]
Cadmium	< 0.55	0.55	mg/kg	1	12/26/25	12/28/25	MM	SW846 6010D [2]	SW846 3050B [3]
Calcium	9850	550	mg/kg	1	12/26/25	12/28/25	MM	SW846 6010D [2]	SW846 3050B [3]
Chromium	13.6	1.1	mg/kg	1	12/26/25	12/28/25	MM	SW846 6010D [2]	SW846 3050B [3]
Cobalt	7.1	5.5	mg/kg	1	12/26/25	12/28/25	MM	SW846 6010D [2]	SW846 3050B [3]
Copper	161	2.8	mg/kg	1	12/26/25	12/28/25	MM	SW846 6010D [2]	SW846 3050B [3]
Iron	12800	55	mg/kg	1	12/26/25	12/28/25	MM	SW846 6010D [2]	SW846 3050B [3]
Lead	297	2.2	mg/kg	1	12/26/25	12/28/25	MM	SW846 6010D [2]	SW846 3050B [3]
Magnesium	2850	550	mg/kg	1	12/26/25	12/28/25	MM	SW846 6010D [2]	SW846 3050B [3]
Manganese	247	1.7	mg/kg	1	12/26/25	12/28/25	MM	SW846 6010D [2]	SW846 3050B [3]
Mercury	1.0	0.062	mg/kg	2	12/29/25	12/29/25	MK	SW846 7471B [1]	SW846 7471B [4]
Nickel	31.3	4.4	mg/kg	1	12/26/25	12/28/25	MM	SW846 6010D [2]	SW846 3050B [3]
Potassium	< 1100	1100	mg/kg	1	12/26/25	12/28/25	MM	SW846 6010D [2]	SW846 3050B [3]
Selenium	< 2.2	2.2	mg/kg	1	12/26/25	12/28/25	MM	SW846 6010D [2]	SW846 3050B [3]
Silver	< 0.55	0.55	mg/kg	1	12/26/25	12/28/25	MM	SW846 6010D [2]	SW846 3050B [3]
Sodium	< 1100	1100	mg/kg	1	12/26/25	12/28/25	MM	SW846 6010D [2]	SW846 3050B [3]
Thallium	< 1.1	1.1	mg/kg	1	12/26/25	12/28/25	MM	SW846 6010D [2]	SW846 3050B [3]
Vanadium	20.7	5.5	mg/kg	1	12/26/25	12/28/25	MM	SW846 6010D [2]	SW846 3050B [3]
Zinc	272	5.5	mg/kg	1	12/26/25	12/28/25	MM	SW846 6010D [2]	SW846 3050B [3]

(1) Instrument QC Batch: MA60009
(2) Instrument QC Batch: MA60024
(3) Prep QC Batch: MP59529
(4) Prep QC Batch: MP59541

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB07_12-14		
Lab Sample ID:	JE25843-9	**Date Sampled:**	12/23/25
Matrix:	SO - Soil	**Date Received:**	12/23/25
		Percent Solids:	88.2
Project:	252 3rd Street, Brooklyn, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent	0.72	0.47	mg/kg	1	01/06/26 18:45	RI	SW846 3060A/7196A
Chromium, Trivalent [a]	12.9	1.6	mg/kg	1	01/06/26 18:45	RI	SW846 6010/7196A M
Cyanide	< 0.30	0.30	mg/kg	1	12/29/25 16:05	SS	SW846 9012B/LACHAT
Solids, Percent	88.2		%	1	12/24/25 09:10	RB	SM2540 G 18TH ED MOD

(a) Calculated as: (Chromium) - (Chromium, Hexavalent)

RL = Reporting Limit

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Certification Exceptions
- Chain of Custody

Parameter Certification Exceptions

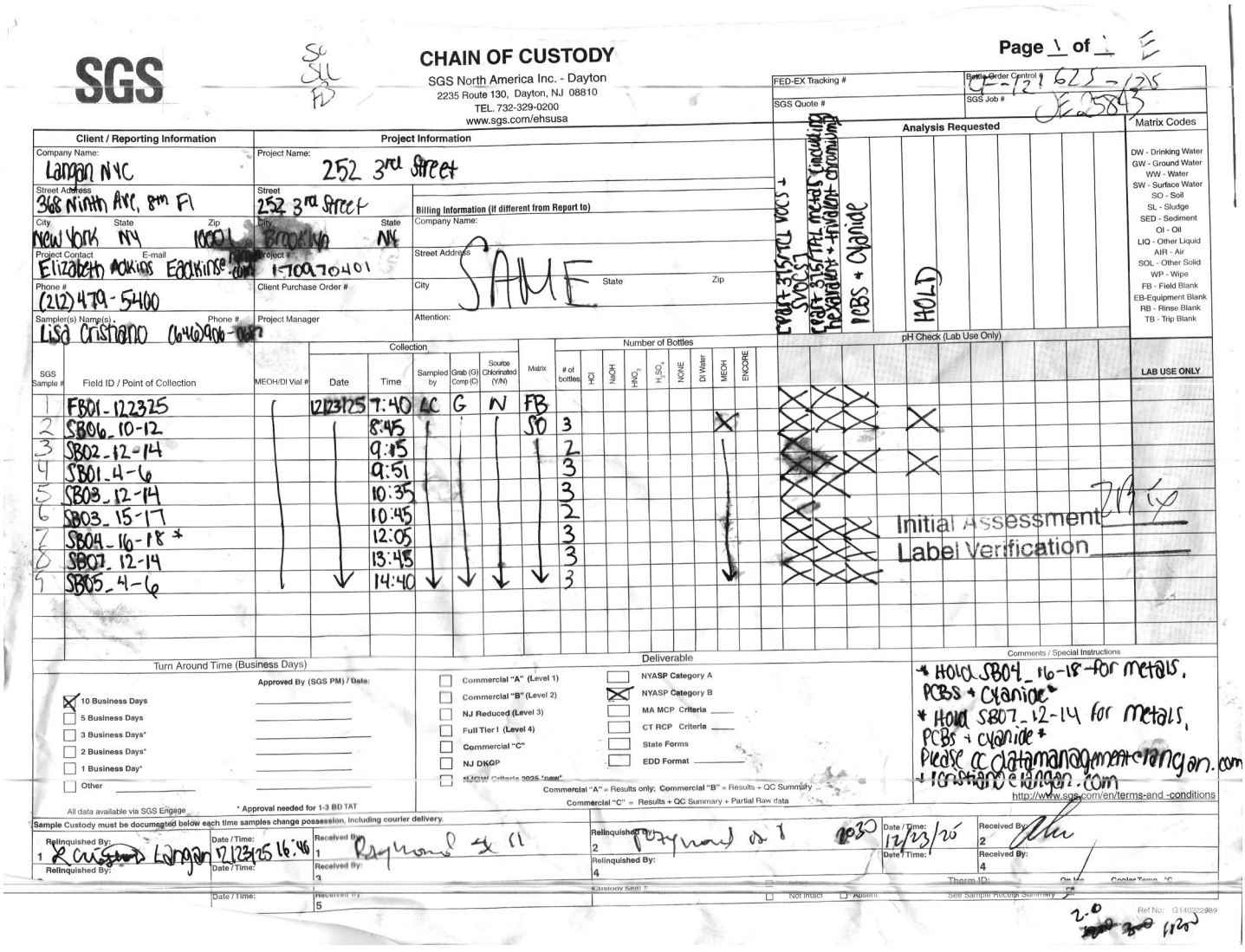
Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

The following parameters included in this report are exceptions to NELAC certification.
The certification status of each is indicated below.

Parameter	CAS#	Method	Mat	Certification Status
Chromium, Trivalent		**SW846 6010/7196A M**	AQ	SGS is not certified for this parameter.[a]
Chromium, Trivalent		**SW846 6010/7196A M**	SO	SGS is not certified for this parameter.[a]

(a) Lab cert for analyte not supported by NJDEP, OQA. Only methods/analytes required for reporting by the State of NJ can be certified in NJ. Use of this analyte for compliance must be verified through the appropriate regulatory office.

Certification exceptions shown are based on the New Jersey DEP certifications. Applicability in other states may vary. Please contact your laboratory representative if additional information is required for a specific regulatory program.



CHAIN OF CUSTODY

SGS North America Inc. - Dayton
2235 Route 130, Dayton, NJ 08810
TEL. 732-329-0200
www.sgs.com/ehsusa

Page 1 of 1

FED-EX Tracking #
Bottle Order Control # CE-12162 5-125
SGS Quote #
SGS Job # JE25843

Client / Reporting Information

Company Name: Langan NYC
Street Address: 300 Ninth Ave, 8th Fl
City: New York State: NY Zip: 10001
Project Contact: Elizabeth Adkins E-mail: EAdkins@langan.com
Phone #: (212) 479-5400
Sampler(s) Name(s): Lisa Cristiano Phone #: (646) 906-0687

Project Information

Project Name: 252 3rd Street
Street: 252 3rd Street
City: Brooklyn State: NY
Project #: 1-709704.01
Client Purchase Order #
Project Manager

Billing Information (if different from Report to)

Company Name:
Street Address: SAME
City State Zip
Attention:

Analysis Requested

- Perf+315TCL VOCs + SVOCs
- Perf 315 TAL metals (including hexavalent chromium)
- PCBs + Cyanide
- HOLD

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL - Sludge
SED - Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB - Field Blank
EB-Equipment Blank
RB - Rinse Blank
TB - Trip Blank

SGS Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Grab (G) Comp (C)	Source Chlorinated (Y/N)	Matrix	# of bottles	HCl	NaOH	HNO_3	H_2SO_4	NONE	DI Water	MEOH	ENCORE
1	FB01-122325		12/23/25	7:40	LC	G	N	FB									
2	SB06_10-12			8:45				SO	3							X	
3	SB02_12-14			9:15					2								
4	SB01_4-6			9:51					3								
5	SB03_12-14			10:35					3								
6	SB03_15-17			10:45					2								
7	SB04_16-18 *			12:05					3								
8	SB07_12-14			13:45					3								
9	SB05_4-6			14:40					3								

pH Check (Lab Use Only)

LAB USE ONLY

Initial Assessment 12/24/25
Label Verification

Turn Around Time (Business Days)

Approved By (SGS PM) / Date:

- [X] 10 Business Days
- [ ] 5 Business Days
- [ ] 3 Business Days*
- [ ] 2 Business Days*
- [ ] 1 Business Day*
- [ ] Other

All data available via SGS Engage
* Approval needed for 1-3 BD TAT

Deliverable

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] NJ Reduced (Level 3)
- [ ] Full Tier I (Level 4)
- [ ] Commercial "C"
- [ ] NJ DKQP
- [ ] NJDW Criteria 2025 "new"
- [ ] NYASP Category A
- [X] NYASP Category B
- [ ] MA MCP Criteria
- [ ] CT RCP Criteria
- [ ] State Forms
- [ ] EDD Format

Commercial "A" = Results only; Commercial "B" = Results + QC Summary
Commercial "C" = Results + QC Summary + Partial Raw data

Comments / Special Instructions

* Hold SB04_16-18 for metals, PCBs + Cyanide *
* Hold SB07_12-14 for metals, PCBs + Cyanide *
Please cc clatamanagement@langan.com + cristiano@langan.com

http://www.sgs.com/en/terms-and-conditions

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished By:	Date / Time:	Received By:
1	[signature] Langan	12/23/25 16:46	Raymond St 11
2	Raymond St 11	1630	Date / Time: 12/23/25
3	Relinquished By:	Date / Time:	Received By:
4	Relinquished By:		Received By: 4
5		Date / Time:	Received By: 5

Custody Seal #: Intact / Not Intact / Absent
Therm ID: On Ice Cooler Temp. °C
See Sample Receipt Summary
2.0 3.0 (12)

Ref No: G140922989

SGS Sample Receipt Summary

Job Number: je25843 **Client:** LANGAN ENGINEERING & ENVIRONMEN **Project:** 252 3RD ST

Date / Time Received: 12/23/2025 8:30:00 PM **Delivery Method:** SGS COURIER **Airbill #'s:**

Cooler Temps (Raw Measured) °C: Cooler 1: (2.0);

Cooler Temps (Corrected) °C: Cooler 1: (2.1);

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	IR-50		
3. Cooler media:	Ice (Bag)		
4. No. Coolers:	1		

Quality Control Preservation	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☑	☐
2. Trip Blank listed on COC:	☐		☑	☐
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☑		☐	☐

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Test Strip Lot #s: pH 1-12: 231619 pH 12+: 203117A Other: (Specify)

Comments

SM089-03
Rev. Date 12/7/17

Job Change Order: JE25843

Requested Date: 12/29/2025 **Received Date:** 12/23/2025

Account Name: Langan Engineering & Environme **Due Date:** 12/29/2025

Project Description: 252 3rd Street, Brooklyn, NY **Deliverable:** NYASPB

C/O Initiated By: CARIN_FER **PM:** CF **TAT (Days):** 6

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Sample #: JE25843-7, -8 **Dept:**

Client ID: **TAT:** 6

Change: Hold for XCRA, CN, CR3R, P8082PCB11T, MTAL

==========

Sample #: JE25843-2 **Dept:**

Client ID: SB06_10-12 **TAT:** 6

Change: Off Hold for XCRA, CN, CR3R, P8082PCB11T, MTAL, AB8270TCL20, V8260TCL20

Above Changes Per: Lisa Cristiano **Date/Time:** 12/29/2025

To Client: This Change Order is confirmation of the revisions, previously discussed with the Client Service Representative.

Page 1 of 1

Job Change Order: JE25843

Requested Date:	1/16/2026	**Received Date:**	12/23/2025
Account Name:	Langan Engineering & Environme	**Due Date:**	1/16/2026
Project Description:	252 3rd Street, Brooklyn, NY	**Deliverable:**	NYASPB
C/O Initiated By:	CARIN_FER **PM:** CF	**TAT (Days):**	6

==========

Sample #: JE25843-ALL **Dept:**

Client ID: **TAT:** 6

Change: Change report Deliverable to COMMB

Above Changes Per: Lisa Cristiano **Date/Time:** 1/16/2026

To Client: This Change Order is confirmation of the revisions, previously discussed with the Client Service Representative.

Page 1 of 1

JE25843: Chain of Custody
Page 4 of 4

MS Volatiles

6

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (BFB)
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI10886-MB	I271298.D	1	12/24/25	PS	n/a	n/a	VI10886

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE25843-3, JE25843-5, JE25843-7

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	4.1	ug/kg	
71-43-2	Benzene	ND	0.50	0.46	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	0.56	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	0.43	ug/kg	
75-25-2	Bromoform	ND	5.0	1.4	ug/kg	
74-83-9	Bromomethane	ND	5.0	0.76	ug/kg	
78-93-3	2-Butanone (MEK)	ND	10	2.4	ug/kg	
75-15-0	Carbon disulfide	ND	2.0	0.54	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	0.62	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	0.46	ug/kg	
75-00-3	Chloroethane	ND	5.0	0.59	ug/kg	
67-66-3	Chloroform	ND	2.0	1.0	ug/kg	
74-87-3	Chloromethane	ND	5.0	2.0	ug/kg	
110-82-7	Cyclohexane	ND	2.0	0.66	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.69	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	0.56	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	0.42	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.55	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.49	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.73	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	0.47	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.0	0.66	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.84	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.61	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	0.47	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.48	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.46	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	0.45	ug/kg	
76-13-1	Freon 113	ND	5.0	2.7	ug/kg	
591-78-6	2-Hexanone	ND	5.0	2.1	ug/kg	
98-82-8	Isopropylbenzene	ND	2.0	1.4	ug/kg	
79-20-9	Methyl Acetate	ND	5.0	1.4	ug/kg	
108-87-2	Methylcyclohexane	ND	2.0	0.88	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.47	ug/kg	

Method Blank Summary

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI10886-MB	I271298.D	1	12/24/25	PS	n/a	n/a	VI10886

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE25843-3, JE25843-5, JE25843-7

CAS No.	Compound	Result	RL	MDL	Units	Q
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	2.3	ug/kg	
75-09-2	Methylene chloride	ND	5.0	2.6	ug/kg	
100-42-5	Styrene	ND	2.0	0.40	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.60	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	0.58	ug/kg	
108-88-3	Toluene	ND	1.0	0.53	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	2.5	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	2.5	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.48	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.55	ug/kg	
79-01-6	Trichloroethene	ND	1.0	0.76	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	0.68	ug/kg	
75-01-4	Vinyl chloride	ND	2.0	0.48	ug/kg	
	m,p-Xylene	ND	1.0	0.90	ug/kg	
95-47-6	o-Xylene	ND	1.0	0.46	ug/kg	
1330-20-7	Xylene (total)	ND	1.0	0.46	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	103%	80-124%
17060-07-0	1,2-Dichloroethane-D4	104%	75-133%
2037-26-5	Toluene-D8	108%	79-125%
460-00-4	4-Bromofluorobenzene	97%	58-148%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	

Method Blank Summary

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY9445-MB	Y219989.D	1	12/26/25	PS	n/a	n/a	VY9445

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE25843-8, JE25843-9

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	4.1	ug/kg	
71-43-2	Benzene	ND	0.50	0.46	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	0.56	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	0.43	ug/kg	
75-25-2	Bromoform	ND	5.0	1.4	ug/kg	
74-83-9	Bromomethane	ND	5.0	0.76	ug/kg	
78-93-3	2-Butanone (MEK)	ND	10	2.4	ug/kg	
75-15-0	Carbon disulfide	ND	2.0	0.54	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	0.62	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	0.46	ug/kg	
75-00-3	Chloroethane	ND	5.0	0.59	ug/kg	
67-66-3	Chloroform	ND	2.0	1.0	ug/kg	
74-87-3	Chloromethane	ND	5.0	2.0	ug/kg	
110-82-7	Cyclohexane	ND	2.0	0.66	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.69	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	0.56	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	0.42	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.55	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.49	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.73	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	0.47	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.0	0.66	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.84	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.61	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	0.47	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.48	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.46	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	0.45	ug/kg	
76-13-1	Freon 113	ND	5.0	2.7	ug/kg	
591-78-6	2-Hexanone	ND	5.0	2.1	ug/kg	
98-82-8	Isopropylbenzene	ND	2.0	1.4	ug/kg	
79-20-9	Methyl Acetate	ND	5.0	1.4	ug/kg	
108-87-2	Methylcyclohexane	ND	2.0	0.88	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.47	ug/kg	

Method Blank Summary

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY9445-MB	Y219989.D	1	12/26/25	PS	n/a	n/a	VY9445

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE25843-8, JE25843-9

CAS No.	Compound	Result	RL	MDL	Units	Q
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	2.3	ug/kg	
75-09-2	Methylene chloride	ND	5.0	2.6	ug/kg	
100-42-5	Styrene	ND	2.0	0.40	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.60	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	0.58	ug/kg	
108-88-3	Toluene	ND	1.0	0.53	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	2.5	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	2.5	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.48	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.55	ug/kg	
79-01-6	Trichloroethene	ND	1.0	0.76	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	0.68	ug/kg	
75-01-4	Vinyl chloride	ND	2.0	0.48	ug/kg	
	m,p-Xylene	ND	1.0	0.90	ug/kg	
95-47-6	o-Xylene	ND	1.0	0.46	ug/kg	
1330-20-7	Xylene (total)	ND	1.0	0.46	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	108%	80-124%
17060-07-0	1,2-Dichloroethane-D4	100%	75-133%
2037-26-5	Toluene-D8	99%	79-125%
460-00-4	4-Bromofluorobenzene	94%	58-148%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	

Method Blank Summary

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY9447-MB	Y220057.D	1	12/30/25	JN	n/a	n/a	VY9447

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE25843-2

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	4.1	ug/kg	
71-43-2	Benzene	ND	0.50	0.46	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	0.56	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	0.43	ug/kg	
75-25-2	Bromoform	ND	5.0	1.4	ug/kg	
74-83-9	Bromomethane	ND	5.0	0.76	ug/kg	
78-93-3	2-Butanone (MEK)	ND	10	2.4	ug/kg	
75-15-0	Carbon disulfide	ND	2.0	0.54	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	0.62	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	0.46	ug/kg	
75-00-3	Chloroethane	ND	5.0	0.59	ug/kg	
67-66-3	Chloroform	ND	2.0	1.0	ug/kg	
74-87-3	Chloromethane	ND	5.0	2.0	ug/kg	
110-82-7	Cyclohexane	ND	2.0	0.66	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.69	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	0.56	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	0.42	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.55	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.49	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.73	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	0.47	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.0	0.66	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.84	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.61	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	0.47	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.48	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.46	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	0.45	ug/kg	
76-13-1	Freon 113	ND	5.0	2.7	ug/kg	
591-78-6	2-Hexanone	ND	5.0	2.1	ug/kg	
98-82-8	Isopropylbenzene	ND	2.0	1.4	ug/kg	
79-20-9	Methyl Acetate	ND	5.0	1.4	ug/kg	
108-87-2	Methylcyclohexane	ND	2.0	0.88	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.47	ug/kg	

Method Blank Summary

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY9447-MB	Y220057.D	1	12/30/25	JN	n/a	n/a	VY9447

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE25843-2

CAS No.	Compound	Result	RL	MDL	Units	Q
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	2.3	ug/kg	
75-09-2	Methylene chloride	ND	5.0	2.6	ug/kg	
100-42-5	Styrene	ND	2.0	0.40	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.60	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	0.58	ug/kg	
108-88-3	Toluene	ND	1.0	0.53	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	2.5	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	2.5	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.48	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.55	ug/kg	
79-01-6	Trichloroethene	ND	1.0	0.76	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	0.68	ug/kg	
75-01-4	Vinyl chloride	ND	2.0	0.48	ug/kg	
	m,p-Xylene	ND	1.0	0.90	ug/kg	
95-47-6	o-Xylene	ND	1.0	0.46	ug/kg	
1330-20-7	Xylene (total)	ND	1.0	0.46	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	104%	80-124%
17060-07-0	1,2-Dichloroethane-D4	104%	75-133%
2037-26-5	Toluene-D8	99%	79-125%
460-00-4	4-Bromofluorobenzene	95%	58-148%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	

Method Blank Summary

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VGA788-MB	GA29785.D	1	12/30/25	JN	n/a	n/a	VGA788

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE25843-6

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	500	210	ug/kg	
71-43-2	Benzene	ND	25	23	ug/kg	
74-97-5	Bromochloromethane	ND	250	28	ug/kg	
75-27-4	Bromodichloromethane	ND	100	21	ug/kg	
75-25-2	Bromoform	ND	250	68	ug/kg	
74-83-9	Bromomethane	ND	250	38	ug/kg	
78-93-3	2-Butanone (MEK)	ND	500	120	ug/kg	
75-15-0	Carbon disulfide	ND	100	27	ug/kg	
56-23-5	Carbon tetrachloride	ND	100	31	ug/kg	
108-90-7	Chlorobenzene	ND	100	23	ug/kg	
75-00-3	Chloroethane	ND	250	30	ug/kg	
67-66-3	Chloroform	ND	100	50	ug/kg	
74-87-3	Chloromethane	ND	250	98	ug/kg	
110-82-7	Cyclohexane	ND	100	33	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	100	35	ug/kg	
124-48-1	Dibromochloromethane	ND	100	28	ug/kg	
106-93-4	1,2-Dibromoethane	ND	50	21	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	50	27	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	50	25	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	50	25	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	250	36	ug/kg	
75-34-3	1,1-Dichloroethane	ND	50	25	ug/kg	
107-06-2	1,2-Dichloroethane	ND	50	24	ug/kg	
75-35-4	1,1-Dichloroethene	ND	50	33	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	50	42	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	50	31	ug/kg	
78-87-5	1,2-Dichloropropane	ND	100	24	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	100	24	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	100	23	ug/kg	
100-41-4	Ethylbenzene	ND	50	23	ug/kg	
76-13-1	Freon 113	ND	250	130	ug/kg	
591-78-6	2-Hexanone	ND	250	110	ug/kg	
98-82-8	Isopropylbenzene	ND	100	71	ug/kg	
79-20-9	Methyl Acetate	ND	250	70	ug/kg	
108-87-2	Methylcyclohexane	ND	100	44	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	50	23	ug/kg	

Method Blank Summary

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VGA788-MB	GA29785.D	1	12/30/25	JN	n/a	n/a	VGA788

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE25843-6

CAS No.	Compound	Result	RL	MDL	Units	Q
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	250	110	ug/kg	
75-09-2	Methylene chloride	ND	250	130	ug/kg	
100-42-5	Styrene	ND	100	20	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	100	30	ug/kg	
127-18-4	Tetrachloroethene	ND	100	29	ug/kg	
108-88-3	Toluene	ND	50	26	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	250	130	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	250	130	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	100	24	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	100	28	ug/kg	
79-01-6	Trichloroethene	ND	50	38	ug/kg	
75-69-4	Trichlorofluoromethane	ND	250	34	ug/kg	
75-01-4	Vinyl chloride	ND	100	24	ug/kg	
	m,p-Xylene	ND	50	45	ug/kg	
95-47-6	o-Xylene	ND	50	23	ug/kg	
1330-20-7	Xylene (total)	ND	50	23	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	91%	80-124%
17060-07-0	1,2-Dichloroethane-D4	103%	75-133%
2037-26-5	Toluene-D8	107%	79-125%
460-00-4	4-Bromofluorobenzene	101%	58-148%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	

Method Blank Summary

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1S544-MB	1S022425.D	1	01/02/26	ED	n/a	n/a	V1S544

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE25843-1

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.1	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	0.98	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.7	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.8	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.78	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	0.78	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	0.92	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
76-13-1	Freon 113	ND	5.0	0.58	ug/l	
591-78-6	2-Hexanone	ND	5.0	4.8	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.80	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.60	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	

Method Blank Summary

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1S544-MB	1S022425.D	1	01/02/26	ED	n/a	n/a	V1S544

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE25843-1

CAS No.	Compound	Result	RL	MDL	Units	Q
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	4.9	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.56	ug/l	
108-88-3	Toluene	ND	1.0	0.49	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.52	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	110%	80-120%
17060-07-0	1,2-Dichloroethane-D4	88%	80-120%
2037-26-5	Toluene-D8	100%	80-120%
460-00-4	4-Bromofluorobenzene	93%	82-114%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

Blank Spike Summary

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY9445-BS	Y219987.D	1	12/26/25	PS	n/a	n/a	VY9445

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE25843-8, JE25843-9

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
67-64-1	Acetone	200	218	109	52-156
71-43-2	Benzene	50	51.7	103	82-119
74-97-5	Bromochloromethane	50	58.1	116	82-123
75-27-4	Bromodichloromethane	50	50.9	102	83-121
75-25-2	Bromoform	50	48.2	96	74-138
74-83-9	Bromomethane	50	75.4	151* [a]	56-150
78-93-3	2-Butanone (MEK)	200	179	90	72-138
75-15-0	Carbon disulfide	50	55.6	111	67-131
56-23-5	Carbon tetrachloride	50	59.3	119	72-130
108-90-7	Chlorobenzene	50	53.2	106	83-114
75-00-3	Chloroethane	50	54.5	109	67-141
67-66-3	Chloroform	50	49.0	98	76-115
74-87-3	Chloromethane	50	43.8	88	57-141
110-82-7	Cyclohexane	50	56.5	113	69-130
96-12-8	1,2-Dibromo-3-chloropropane	50	45.6	91	72-131
124-48-1	Dibromochloromethane	50	51.8	104	80-128
106-93-4	1,2-Dibromoethane	50	47.4	95	58-145
95-50-1	1,2-Dichlorobenzene	50	51.1	102	83-117
541-73-1	1,3-Dichlorobenzene	50	52.5	105	82-114
106-46-7	1,4-Dichlorobenzene	50	51.9	104	79-114
75-71-8	Dichlorodifluoromethane	50	61.8	124	49-146
75-34-3	1,1-Dichloroethane	50	54.1	108	76-126
107-06-2	1,2-Dichloroethane	50	54.2	108	76-118
75-35-4	1,1-Dichloroethene	50	61.5	123	72-125
156-59-2	cis-1,2-Dichloroethene	50	57.5	115	80-118
156-60-5	trans-1,2-Dichloroethene	50	56.2	112	76-122
78-87-5	1,2-Dichloropropane	50	50.5	101	82-123
10061-01-5	cis-1,3-Dichloropropene	50	47.3	95	83-123
10061-02-6	trans-1,3-Dichloropropene	50	44.5	89	83-123
100-41-4	Ethylbenzene	50	49.9	100	83-115
76-13-1	Freon 113	50	62.4	125	65-132
591-78-6	2-Hexanone	200	176	88	73-138
98-82-8	Isopropylbenzene	50	50.0	100	81-122
79-20-9	Methyl Acetate	50	49.0	98	63-142
108-87-2	Methylcyclohexane	50	51.9	104	73-126
1634-04-4	Methyl Tert Butyl Ether	50	51.1	102	75-126

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY9445-BS	Y219987.D	1	12/26/25	PS	n/a	n/a	VY9445

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE25843-8, JE25843-9

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
108-10-1	4-Methyl-2-pentanone(MIBK)	200	168	84	71-138
75-09-2	Methylene chloride	50	53.0	106	73-122
100-42-5	Styrene	50	51.5	103	84-122
79-34-5	1,1,2,2-Tetrachloroethane	50	43.6	87	75-127
127-18-4	Tetrachloroethene	50	54.1	108	73-125
108-88-3	Toluene	50	51.5	103	82-118
87-61-6	1,2,3-Trichlorobenzene	50	54.6	109	68-132
120-82-1	1,2,4-Trichlorobenzene	50	54.7	109	72-133
71-55-6	1,1,1-Trichloroethane	50	56.9	114	77-124
79-00-5	1,1,2-Trichloroethane	50	46.6	93	83-122
79-01-6	Trichloroethene	50	54.5	109	80-122
75-69-4	Trichlorofluoromethane	50	68.8	138* [a]	69-132
75-01-4	Vinyl chloride	50	52.2	104	60-144
	m,p-Xylene	100	104	104	82-119
95-47-6	o-Xylene	50	48.4	97	84-120
1330-20-7	Xylene (total)	150	152	101	83-119

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	113%	80-124%
17060-07-0	1,2-Dichloroethane-D4	102%	75-133%
2037-26-5	Toluene-D8	104%	79-125%
460-00-4	4-Bromofluorobenzene	92%	58-148%

(a) High percent recovery and no associated positive reported in the QC batch.

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY9447-BS	Y220055.D	1	12/30/25	JN	n/a	n/a	VY9447

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE25843-2

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
67-64-1	Acetone	200	175	88	52-156
71-43-2	Benzene	50	49.1	98	82-119
74-97-5	Bromochloromethane	50	56.6	113	82-123
75-27-4	Bromodichloromethane	50	48.7	97	83-121
75-25-2	Bromoform	50	46.6	93	74-138
74-83-9	Bromomethane	50	67.9	136	56-150
78-93-3	2-Butanone (MEK)	200	185	93	72-138
75-15-0	Carbon disulfide	50	52.1	104	67-131
56-23-5	Carbon tetrachloride	50	56.3	113	72-130
108-90-7	Chlorobenzene	50	49.7	99	83-114
75-00-3	Chloroethane	50	47.3	95	67-141
67-66-3	Chloroform	50	48.1	96	76-115
74-87-3	Chloromethane	50	40.4	81	57-141
110-82-7	Cyclohexane	50	51.3	103	69-130
96-12-8	1,2-Dibromo-3-chloropropane	50	43.7	87	72-131
124-48-1	Dibromochloromethane	50	49.1	98	80-128
106-93-4	1,2-Dibromoethane	50	44.8	90	58-145
95-50-1	1,2-Dichlorobenzene	50	47.7	95	83-117
541-73-1	1,3-Dichlorobenzene	50	47.6	95	82-114
106-46-7	1,4-Dichlorobenzene	50	48.4	97	79-114
75-71-8	Dichlorodifluoromethane	50	45.8	92	49-146
75-34-3	1,1-Dichloroethane	50	52.1	104	76-126
107-06-2	1,2-Dichloroethane	50	52.2	104	76-118
75-35-4	1,1-Dichloroethene	50	59.5	119	72-125
156-59-2	cis-1,2-Dichloroethene	50	54.8	110	80-118
156-60-5	trans-1,2-Dichloroethene	50	53.1	106	76-122
78-87-5	1,2-Dichloropropane	50	48.3	97	82-123
10061-01-5	cis-1,3-Dichloropropene	50	45.8	92	83-123
10061-02-6	trans-1,3-Dichloropropene	50	43.1	86	83-123
100-41-4	Ethylbenzene	50	46.4	93	83-115
76-13-1	Freon 113	50	60.6	121	65-132
591-78-6	2-Hexanone	200	170	85	73-138
98-82-8	Isopropylbenzene	50	46.5	93	81-122
79-20-9	Methyl Acetate	50	47.7	95	63-142
108-87-2	Methylcyclohexane	50	46.4	93	73-126
1634-04-4	Methyl Tert Butyl Ether	50	51.0	102	75-126

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY9447-BS	Y220055.D	1	12/30/25	JN	n/a	n/a	VY9447

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE25843-2

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
108-10-1	4-Methyl-2-pentanone(MIBK)	200	166	83	71-138
75-09-2	Methylene chloride	50	51.3	103	73-122
100-42-5	Styrene	50	48.4	97	84-122
79-34-5	1,1,2,2-Tetrachloroethane	50	41.5	83	75-127
127-18-4	Tetrachloroethene	50	47.5	95	73-125
108-88-3	Toluene	50	47.8	96	82-118
87-61-6	1,2,3-Trichlorobenzene	50	51.4	103	68-132
120-82-1	1,2,4-Trichlorobenzene	50	49.7	99	72-133
71-55-6	1,1,1-Trichloroethane	50	54.0	108	77-124
79-00-5	1,1,2-Trichloroethane	50	43.9	88	83-122
79-01-6	Trichloroethene	50	51.0	102	80-122
75-69-4	Trichlorofluoromethane	50	58.4	117	69-132
75-01-4	Vinyl chloride	50	45.9	92	60-144
	m,p-Xylene	100	96.0	96	82-119
95-47-6	o-Xylene	50	45.7	91	84-120
1330-20-7	Xylene (total)	150	142	95	83-119

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	114%	80-124%
17060-07-0	1,2-Dichloroethane-D4	107%	75-133%
2037-26-5	Toluene-D8	102%	79-125%
460-00-4	4-Bromofluorobenzene	89%	58-148%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VGA788-BS	GA29781.D	1	12/30/25	JN	n/a	n/a	VGA788

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE25843-6

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
67-64-1	Acetone	10000	7570	76	52-156
71-43-2	Benzene	2500	2530	101	82-119
74-97-5	Bromochloromethane	2500	2370	95	82-123
75-27-4	Bromodichloromethane	2500	2690	108	83-121
75-25-2	Bromoform	2500	3000	120	74-138
74-83-9	Bromomethane	2500	1500	60	56-150
78-93-3	2-Butanone (MEK)	10000	8450	85	72-138
75-15-0	Carbon disulfide	2500	2340	94	67-131
56-23-5	Carbon tetrachloride	2500	2620	105	72-130
108-90-7	Chlorobenzene	2500	2540	102	83-114
75-00-3	Chloroethane	2500	1460	58* [a]	67-141
67-66-3	Chloroform	2500	2330	93	76-115
74-87-3	Chloromethane	2500	1540	62	57-141
110-82-7	Cyclohexane	2500	2330	93	69-130
96-12-8	1,2-Dibromo-3-chloropropane	2500	2730	109	72-131
124-48-1	Dibromochloromethane	2500	2790	112	80-128
106-93-4	1,2-Dibromoethane	2500	2670	107	58-145
95-50-1	1,2-Dichlorobenzene	2500	2390	96	83-117
541-73-1	1,3-Dichlorobenzene	2500	2350	94	82-114
106-46-7	1,4-Dichlorobenzene	2500	2350	94	79-114
75-71-8	Dichlorodifluoromethane	2500	1620	65	49-146
75-34-3	1,1-Dichloroethane	2500	2240	90	76-126
107-06-2	1,2-Dichloroethane	2500	2450	98	76-118
75-35-4	1,1-Dichloroethene	2500	2200	88	72-125
156-59-2	cis-1,2-Dichloroethene	2500	2320	93	80-118
156-60-5	trans-1,2-Dichloroethene	2500	2180	87	76-122
78-87-5	1,2-Dichloropropane	2500	2350	94	82-123
10061-01-5	cis-1,3-Dichloropropene	2500	2590	104	83-123
10061-02-6	trans-1,3-Dichloropropene	2500	2850	114	83-123
100-41-4	Ethylbenzene	2500	2640	106	83-115
76-13-1	Freon 113	2500	2190	88	65-132
591-78-6	2-Hexanone	10000	9550	96	73-138
98-82-8	Isopropylbenzene	2500	2630	105	81-122
79-20-9	Methyl Acetate	2500	2350	94	63-142
108-87-2	Methylcyclohexane	2500	2460	98	73-126
1634-04-4	Methyl Tert Butyl Ether	2500	2570	103	75-126

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VGA788-BS	GA29781.D	1	12/30/25	JN	n/a	n/a	VGA788

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE25843-6

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
108-10-1	4-Methyl-2-pentanone(MIBK)	10000	9260	93	71-138
75-09-2	Methylene chloride	2500	2430	97	73-122
100-42-5	Styrene	2500	2600	104	84-122
79-34-5	1,1,2,2-Tetrachloroethane	2500	2680	107	75-127
127-18-4	Tetrachloroethene	2500	2560	102	73-125
108-88-3	Toluene	2500	2560	102	82-118
87-61-6	1,2,3-Trichlorobenzene	2500	2590	104	68-132
120-82-1	1,2,4-Trichlorobenzene	2500	2530	101	72-133
71-55-6	1,1,1-Trichloroethane	2500	2510	100	77-124
79-00-5	1,1,2-Trichloroethane	2500	2690	108	83-122
79-01-6	Trichloroethene	2500	2350	94	80-122
75-69-4	Trichlorofluoromethane	2500	1800	72	69-132
75-01-4	Vinyl chloride	2500	1880	75	60-144
	m,p-Xylene	5000	5150	103	82-119
95-47-6	o-Xylene	2500	2710	108	84-120
1330-20-7	Xylene (total)	7500	7850	105	83-119

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	97%	80-124%
17060-07-0	1,2-Dichloroethane-D4	109%	75-133%
2037-26-5	Toluene-D8	110%	79-125%
460-00-4	4-Bromofluorobenzene	103%	58-148%

(a) Outside in house control limits.

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1S544-BS	1S022421.D	1	01/02/26	ED	n/a	n/a	V1S544

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE25843-1

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	200	249	125	27-175
71-43-2	Benzene	50	49.2	98	80-115
74-97-5	Bromochloromethane	50	53.5	107	83-122
75-27-4	Bromodichloromethane	50	41.8	84	82-119
75-25-2	Bromoform	50	46.8	94	77-135
74-83-9	Bromomethane	50	42.1	84	40-162
78-93-3	2-Butanone (MEK)	200	246	123	61-150
75-15-0	Carbon disulfide	50	46.7	93	64-130
56-23-5	Carbon tetrachloride	50	43.4	87	75-127
108-90-7	Chlorobenzene	50	48.1	96	80-115
75-00-3	Chloroethane	50	50.6	101	56-144
67-66-3	Chloroform	50	36.4	73* [a]	75-116
74-87-3	Chloromethane	50	48.7	97	41-153
110-82-7	Cyclohexane	50	51.5	103	66-129
96-12-8	1,2-Dibromo-3-chloropropane	50	49.1	98	69-134
124-48-1	Dibromochloromethane	50	46.1	92	81-123
106-93-4	1,2-Dibromoethane	50	49.6	99	67-138
95-50-1	1,2-Dichlorobenzene	50	49.1	98	81-117
541-73-1	1,3-Dichlorobenzene	50	48.3	97	81-115
106-46-7	1,4-Dichlorobenzene	50	48.5	97	80-114
75-71-8	Dichlorodifluoromethane	50	43.4	87	43-152
75-34-3	1,1-Dichloroethane	50	49.8	100	75-125
107-06-2	1,2-Dichloroethane	50	40.3	81	73-117
75-35-4	1,1-Dichloroethene	50	43.9	88	70-124
156-59-2	cis-1,2-Dichloroethene	50	49.7	99	80-120
156-60-5	trans-1,2-Dichloroethene	50	49.8	100	77-121
78-87-5	1,2-Dichloropropane	50	48.1	96	79-121
10061-01-5	cis-1,3-Dichloropropene	50	48.1	96	83-123
10061-02-6	trans-1,3-Dichloropropene	50	45.9	92	83-122
100-41-4	Ethylbenzene	50	44.1	88	78-116
76-13-1	Freon 113	50	43.2	86	68-134
591-78-6	2-Hexanone	200	210	105	66-136
98-82-8	Isopropylbenzene	50	44.5	89	78-121
79-20-9	Methyl Acetate	50	60.1	120	60-143
108-87-2	Methylcyclohexane	50	47.3	95	71-123
1634-04-4	Methyl Tert Butyl Ether	50	49.4	99	76-123

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1S544-BS	1S022421.D	1	01/02/26	ED	n/a	n/a	V1S544

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE25843-1

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
108-10-1	4-Methyl-2-pentanone(MIBK)	200	208	104	73-134
75-09-2	Methylene chloride	50	51.8	104	73-123
100-42-5	Styrene	50	46.9	94	81-125
79-34-5	1,1,2,2-Tetrachloroethane	50	52.2	104	73-126
127-18-4	Tetrachloroethene	50	46.7	93	73-119
108-88-3	Toluene	50	46.0	92	79-116
87-61-6	1,2,3-Trichlorobenzene	50	49.0	98	63-137
120-82-1	1,2,4-Trichlorobenzene	50	49.7	99	68-135
71-55-6	1,1,1-Trichloroethane	50	42.2	84	76-124
79-00-5	1,1,2-Trichloroethane	50	47.9	96	83-117
79-01-6	Trichloroethene	50	47.4	95	80-118
75-69-4	Trichlorofluoromethane	50	43.1	86	67-134
75-01-4	Vinyl chloride	50	49.8	100	52-146
	m,p-Xylene	100	93.5	94	79-119
95-47-6	o-Xylene	50	46.2	92	81-119
1330-20-7	Xylene (total)	150	140	93	80-119

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	102%	80-120%
17060-07-0	1,2-Dichloroethane-D4	81%	80-120%
2037-26-5	Toluene-D8	99%	80-120%
460-00-4	4-Bromofluorobenzene	96%	82-114%

(a) Outside of in house control limits, but within the marginal exceedance limits.

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI10886-BS	I271295.D	1	12/24/25	PS	n/a	n/a	VI10886
VI10886-BSD	I271296.D	1	12/24/25	PS	n/a	n/a	VI10886

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE25843-3, JE25843-5, JE25843-7

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	200	219	110	217	109	1	52-156/12
71-43-2	Benzene	50	51.3	103	51.3	103	0	82-119/10
74-97-5	Bromochloromethane	50	47.5	95	44.7	89	6	82-123/10
75-27-4	Bromodichloromethane	50	48.1	96	48.5	97	1	83-121/10
75-25-2	Bromoform	50	51.9	104	51.0	102	2	74-138/10
74-83-9	Bromomethane	50	44.7	89	42.8	86	4	56-150/12
78-93-3	2-Butanone (MEK)	200	248	124	238	119	4	72-138/10
75-15-0	Carbon disulfide	50	48.3	97	47.0	94	3	67-131/11
56-23-5	Carbon tetrachloride	50	46.8	94	47.0	94	0	72-130/11
108-90-7	Chlorobenzene	50	45.1	90	45.8	92	2	83-114/10
75-00-3	Chloroethane	50	41.4	83	40.0	80	3	67-141/12
67-66-3	Chloroform	50	47.0	94	45.2	90	4	76-115/10
74-87-3	Chloromethane	50	53.4	107	50.1	100	6	57-141/13
110-82-7	Cyclohexane	50	56.0	112	53.1	106	5	69-130/11
96-12-8	1,2-Dibromo-3-chloropropane	50	52.5	105	50.8	102	3	72-131/11
124-48-1	Dibromochloromethane	50	47.0	94	46.1	92	2	80-128/10
106-93-4	1,2-Dibromoethane	50	50.7	101	50.8	102	0	58-145/10
95-50-1	1,2-Dichlorobenzene	50	45.1	90	47.0	94	4	83-117/10
541-73-1	1,3-Dichlorobenzene	50	49.6	99	49.1	98	1	82-114/10
106-46-7	1,4-Dichlorobenzene	50	44.3	89	43.6	87	2	79-114/10
75-71-8	Dichlorodifluoromethane	50	49.8	100	48.4	97	3	49-146/13
75-34-3	1,1-Dichloroethane	50	46.4	93	45.4	91	2	76-126/10
107-06-2	1,2-Dichloroethane	50	46.0	92	45.8	92	0	76-118/10
75-35-4	1,1-Dichloroethene	50	49.1	98	48.4	97	1	72-125/11
156-59-2	cis-1,2-Dichloroethene	50	50.5	101	51.3	103	2	80-118/10
156-60-5	trans-1,2-Dichloroethene	50	48.9	98	47.7	95	2	76-122/10
78-87-5	1,2-Dichloropropane	50	50.0	100	49.4	99	1	82-123/10
10061-01-5	cis-1,3-Dichloropropene	50	55.4	111	56.1	112	1	83-123/10
10061-02-6	trans-1,3-Dichloropropene	50	55.1	110	56.6	113	3	83-123/10
100-41-4	Ethylbenzene	50	52.1	104	52.8	106	1	83-115/10
76-13-1	Freon 113	50	43.8	88	43.9	88	0	65-132/11
591-78-6	2-Hexanone	200	210	105	217	109	3	73-138/10
98-82-8	Isopropylbenzene	50	44.7	89	46.3	93	4	81-122/11
79-20-9	Methyl Acetate	50	53.5	107	56.2	112	5	63-142/29
108-87-2	Methylcyclohexane	50	56.6	113	55.7	111	2	73-126/12
1634-04-4	Methyl Tert Butyl Ether	50	60.3	121	61.0	122	1	75-126/12

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI10886-BS	I271295.D	1	12/24/25	PS	n/a	n/a	VI10886
VI10886-BSD	I271296.D	1	12/24/25	PS	n/a	n/a	VI10886

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE25843-3, JE25843-5, JE25843-7

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
108-10-1	4-Methyl-2-pentanone(MIBK)	200	235	118	237	119	1	71-138/10
75-09-2	Methylene chloride	50	46.4	93	45.7	91	2	73-122/10
100-42-5	Styrene	50	46.6	93	46.6	93	0	84-122/10
79-34-5	1,1,2,2-Tetrachloroethane	50	49.0	98	48.4	97	1	75-127/10
127-18-4	Tetrachloroethene	50	46.4	93	47.3	95	2	73-125/11
108-88-3	Toluene	50	47.5	95	47.0	94	1	82-118/10
87-61-6	1,2,3-Trichlorobenzene	50	54.3	109	55.3	111	2	68-132/13
120-82-1	1,2,4-Trichlorobenzene	50	54.2	108	56.0	112	3	72-133/12
71-55-6	1,1,1-Trichloroethane	50	47.0	94	47.1	94	0	77-124/11
79-00-5	1,1,2-Trichloroethane	50	48.9	98	49.2	98	1	83-122/10
79-01-6	Trichloroethene	50	47.4	95	48.2	96	2	80-122/10
75-69-4	Trichlorofluoromethane	50	45.8	92	45.8	92	0	69-132/11
75-01-4	Vinyl chloride	50	58.5	117	55.2	110	6	60-144/13
	m,p-Xylene	100	107	107	108	108	1	82-119/10
95-47-6	o-Xylene	50	55.9	112	56.4	113	1	84-120/10
1330-20-7	Xylene (total)	150	163	109	165	110	1	83-119/10

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
1868-53-7	Dibromofluoromethane	97%	95%	80-124%
17060-07-0	1,2-Dichloroethane-D4	100%	106%	75-133%
2037-26-5	Toluene-D8	101%	102%	79-125%
460-00-4	4-Bromofluorobenzene	106%	104%	58-148%

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JE25620-1MS	I271309.D	1	12/24/25	PS	n/a	n/a	VI10886
JE25620-1	I271299.D	1	12/24/25	PS	n/a	n/a	VI10886

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE25843-3, JE25843-5, JE25843-7

CAS No.	Compound	JE25620-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Limits
67-64-1	Acetone	35.6		317	305	85	10-170
71-43-2	Benzene	ND		79.1	66.7	84	61-132
74-97-5	Bromochloromethane	ND		79.1	63.4	80	68-126
75-27-4	Bromodichloromethane	ND		79.1	61.9	78	65-129
75-25-2	Bromoform	ND		79.1	53.5	68	52-136
74-83-9	Bromomethane	ND		79.1	66.9	85	23-158
78-93-3	2-Butanone (MEK)	ND		317	302	95	45-142
75-15-0	Carbon disulfide	ND		79.1	62.0	78	50-140
56-23-5	Carbon tetrachloride	ND		79.1	60.5	76	54-139
108-90-7	Chlorobenzene	ND		79.1	43.7	55* [a]	57-127
75-00-3	Chloroethane	ND		79.1	53.6	68	30-157
67-66-3	Chloroform	ND		79.1	66.3	84	59-127
74-87-3	Chloromethane	ND		79.1	71.4	90	49-145
110-82-7	Cyclohexane	ND		79.1	69.3	88	39-147
96-12-8	1,2-Dibromo-3-chloropropane	ND		79.1	43.5	55	35-140
124-48-1	Dibromochloromethane	ND		79.1	53.5	68	63-129
106-93-4	1,2-Dibromoethane	ND		79.1	53.5	68	45-141
95-50-1	1,2-Dichlorobenzene	ND		79.1	31.6	40	38-136
541-73-1	1,3-Dichlorobenzene	ND		79.1	33.2	42	37-135
106-46-7	1,4-Dichlorobenzene	ND		79.1	28.8	36	36-134
75-71-8	Dichlorodifluoromethane	ND		79.1	63.1	80	33-152
75-34-3	1,1-Dichloroethane	ND		79.1	68.3	86	68-131
107-06-2	1,2-Dichloroethane	ND		79.1	57.9	73	64-119
75-35-4	1,1-Dichloroethene	ND		79.1	66.8	84	60-133
156-59-2	cis-1,2-Dichloroethene	ND		79.1	69.5	88	58-133
156-60-5	trans-1,2-Dichloroethene	ND		79.1	64.3	81	62-130
78-87-5	1,2-Dichloropropane	ND		79.1	64.7	82	70-127
10061-01-5	cis-1,3-Dichloropropene	ND		79.1	62.4	79	64-126
10061-02-6	trans-1,3-Dichloropropene	ND		79.1	56.2	71	61-127
100-41-4	Ethylbenzene	ND		79.1	53.5	68	51-133
76-13-1	Freon 113	ND		79.1	60.5	76	46-138
591-78-6	2-Hexanone	ND		317	220	69	45-144
98-82-8	Isopropylbenzene	ND		79.1	45.2	57	44-142
79-20-9	Methyl Acetate	ND		79.1	103	130	14-192
108-87-2	Methylcyclohexane	ND		79.1	55.4	70	27-149
1634-04-4	Methyl Tert Butyl Ether	ND		79.1	82.2	104	62-125

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JE25620-1MS	I271309.D	1	12/24/25	PS	n/a	n/a	VI10886
JE25620-1	I271299.D	1	12/24/25	PS	n/a	n/a	VI10886

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE25843-3, JE25843-5, JE25843-7

CAS No.	Compound	JE25620-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Limits
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		317	271	86	50-138
75-09-2	Methylene chloride	ND		79.1	68.8	87	63-127
100-42-5	Styrene	ND		79.1	39.1	49	48-143
79-34-5	1,1,2,2-Tetrachloroethane	ND		79.1	52.8	67	44-135
127-18-4	Tetrachloroethene	ND		79.1	46.5	59	38-146
108-88-3	Toluene	ND		79.1	51.5	65	56-135
87-61-6	1,2,3-Trichlorobenzene	ND		79.1	17.1	22	10-153
120-82-1	1,2,4-Trichlorobenzene	ND		79.1	17.2	22	10-158
71-55-6	1,1,1-Trichloroethane	ND		79.1	66.4	84	61-134
79-00-5	1,1,2-Trichloroethane	ND		79.1	58.1	73	62-133
79-01-6	Trichloroethene	ND		79.1	61.7	78	52-144
75-69-4	Trichlorofluoromethane	ND		79.1	53.7	68	50-141
75-01-4	Vinyl chloride	ND		79.1	75.4	95	48-151
	m,p-Xylene	ND		158	103	65	51-135
95-47-6	o-Xylene	ND		79.1	55.8	70	52-137
1330-20-7	Xylene (total)	ND		237	159	67	50-138

CAS No.	Surrogate Recoveries	MS	JE25620-1	Limits
1868-53-7	Dibromofluoromethane	101%	109%	80-124%
17060-07-0	1,2-Dichloroethane-D4	98%	110%	75-133%
2037-26-5	Toluene-D8	99%	104%	79-125%
460-00-4	4-Bromofluorobenzene	101%	107%	58-148%

(a) Outside control limits due to matrix interference.

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JE26039-1MS	Y220066.D	1	12/30/25	JN	n/a	n/a	VY9447
JE26039-1	Y220062.D	1	12/30/25	JN	n/a	n/a	VY9447

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE25843-2

CAS No.	Compound	JE26039-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Limits
67-64-1	Acetone	ND		267	172	64	10-170
71-43-2	Benzene	ND		66.8	61.1	92	61-132
74-97-5	Bromochloromethane	ND		66.8	65.2	98	68-126
75-27-4	Bromodichloromethane	ND		66.8	59.5	89	65-129
75-25-2	Bromoform	ND		66.8	48.4	73	52-136
74-83-9	Bromomethane	ND		66.8	103	154	23-158
78-93-3	2-Butanone (MEK)	ND		267	179	67	45-142
75-15-0	Carbon disulfide	ND		66.8	68.2	102	50-140
56-23-5	Carbon tetrachloride	ND		66.8	70.6	106	54-139
108-90-7	Chlorobenzene	ND		66.8	61.0	91	57-127
75-00-3	Chloroethane	ND		66.8	71.2	107	30-157
67-66-3	Chloroform	ND		66.8	58.6	88	59-127
74-87-3	Chloromethane	ND		66.8	80.3	120	49-145
110-82-7	Cyclohexane	ND		66.8	82.0	123	39-147
96-12-8	1,2-Dibromo-3-chloropropane	ND		66.8	40.8	61	35-140
124-48-1	Dibromochloromethane	ND		66.8	55.1	83	63-129
106-93-4	1,2-Dibromoethane	ND		66.8	49.0	73	45-141
95-50-1	1,2-Dichlorobenzene	ND		66.8	57.9	87	38-136
541-73-1	1,3-Dichlorobenzene	ND		66.8	59.4	89	37-135
106-46-7	1,4-Dichlorobenzene	ND		66.8	59.7	89	36-134
75-71-8	Dichlorodifluoromethane	ND		66.8	99.3	149	33-152
75-34-3	1,1-Dichloroethane	ND		66.8	65.2	98	68-131
107-06-2	1,2-Dichloroethane	ND		66.8	58.9	88	64-119
75-35-4	1,1-Dichloroethene	ND		66.8	71.2	107	60-133
156-59-2	cis-1,2-Dichloroethene	ND		66.8	67.2	101	58-133
156-60-5	trans-1,2-Dichloroethene	ND		66.8	71.0	106	62-130
78-87-5	1,2-Dichloropropane	ND		66.8	58.7	88	70-127
10061-01-5	cis-1,3-Dichloropropene	ND		66.8	54.6	82	64-126
10061-02-6	trans-1,3-Dichloropropene	ND		66.8	48.7	73	61-127
100-41-4	Ethylbenzene	ND		66.8	57.6	86	51-133
76-13-1	Freon 113	ND		66.8	74.8	112	46-138
591-78-6	2-Hexanone	ND		267	163	61	45-144
98-82-8	Isopropylbenzene	ND		66.8	57.4	86	44-142
79-20-9	Methyl Acetate	ND		66.8	42.3	63	14-192
108-87-2	Methylcyclohexane	ND		66.8	56.9	85	27-149
1634-04-4	Methyl Tert Butyl Ether	ND		66.8	54.1	81	62-125

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JE26039-1MS	Y220066.D	1	12/30/25	JN	n/a	n/a	VY9447
JE26039-1	Y220062.D	1	12/30/25	JN	n/a	n/a	VY9447

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE25843-2

CAS No.	Compound	JE26039-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Limits
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		267	150	56	50-138
75-09-2	Methylene chloride	3.5	J	66.8	64.2	91	63-127
100-42-5	Styrene	ND		66.8	59.0	88	48-143
79-34-5	1,1,2,2-Tetrachloroethane	ND		66.8	44.2	66	44-135
127-18-4	Tetrachloroethene	ND		66.8	58.4	87	38-146
108-88-3	Toluene	ND		66.8	59.1	89	56-135
87-61-6	1,2,3-Trichlorobenzene	ND		66.8	58.4	87	10-153
120-82-1	1,2,4-Trichlorobenzene	ND		66.8	58.2	87	10-158
71-55-6	1,1,1-Trichloroethane	ND		66.8	67.9	102	61-134
79-00-5	1,1,2-Trichloroethane	ND		66.8	48.0	72	62-133
79-01-6	Trichloroethene	ND		66.8	65.6	98	52-144
75-69-4	Trichlorofluoromethane	ND		66.8	86.9	130	50-141
75-01-4	Vinyl chloride	ND		66.8	84.0	126	48-151
	m,p-Xylene	ND		134	117	88	51-135
95-47-6	o-Xylene	ND		66.8	55.6	83	52-137
1330-20-7	Xylene (total)	ND		200	173	86	50-138

CAS No.	Surrogate Recoveries	MS	JE26039-1	Limits
1868-53-7	Dibromofluoromethane	111%	110%	80-124%
17060-07-0	1,2-Dichloroethane-D4	102%	106%	75-133%
2037-26-5	Toluene-D8	102%	99%	79-125%
460-00-4	4-Bromofluorobenzene	92%	97%	58-148%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JE25927-9MS	Y220002.D	1	12/26/25	PS	n/a	n/a	VY9445
JE25927-9MSD	Y220003.D	1	12/26/25	PS	n/a	n/a	VY9445
JE25927-9	Y219991.D	1	12/26/25	PS	n/a	n/a	VY9445

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE25843-8, JE25843-9

CAS No.	Compound	JE25927-9 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		705	383	54	705	412	58	7	10-170/24
71-43-2	Benzene	ND		176	83.5	47* [a]	176	111	63	28* [a]	61-132/13
74-97-5	Bromochloromethane	ND		176	114	65* [a]	176	143	81	23* [a]	68-126/13
75-27-4	Bromodichloromethane	ND		176	108	61* [a]	176	127	72	16* [a]	65-129/12
75-25-2	Bromoform	ND		176	71.4	40* [a]	176	93.6	53	27* [a]	52-136/16
74-83-9	Bromomethane	ND		176	177	100	176	191	108	8	23-158/29
78-93-3	2-Butanone (MEK)	ND		705	376	53	705	435	62	15* [a]	45-142/14
75-15-0	Carbon disulfide	ND		176	71.2	40* [a]	176	97.5	55	31* [a]	50-140/18
56-23-5	Carbon tetrachloride	ND		176	148	84	176	160	91	8	54-139/21
108-90-7	Chlorobenzene	ND		176	35.7	20* [a]	176	59.0	33* [a]	49* [a]	57-127/15
75-00-3	Chloroethane	ND		176	128	73	176	141	80	10	30-157/29
67-66-3	Chloroform	ND		176	120	68	176	135	77	12	59-127/16
74-87-3	Chloromethane	ND		176	125	71	176	147	83	16	49-145/21
110-82-7	Cyclohexane	ND		176	144	82	176	159	90	10	39-147/21
96-12-8	1,2-Dibromo-3-chloropropane	ND		176	67.8	38	176	89.9	51	28* [a]	35-140/17
124-48-1	Dibromochloromethane	ND		176	92.1	52* [a]	176	117	66	24* [a]	63-129/12
106-93-4	1,2-Dibromoethane	ND		176	66.5	38* [a]	176	91.4	52	32* [a]	45-141/12
95-50-1	1,2-Dichlorobenzene	ND		176	19.1	11* [a]	176	32.6	18* [a]	52* [a]	38-136/19
541-73-1	1,3-Dichlorobenzene	ND		176	18.5	10* [a]	176	31.9	18* [a]	53* [a]	37-135/19
106-46-7	1,4-Dichlorobenzene	ND		176	14.3	8* [a]	176	24.4	14* [a]	52* [a]	36-134/19
75-71-8	Dichlorodifluoromethane	ND		176	164	93	176	174	99	6	33-152/17
75-34-3	1,1-Dichloroethane	ND		176	140	79	176	154	87	10	68-131/13
107-06-2	1,2-Dichloroethane	ND		176	107	61* [a]	176	128	73	18* [a]	64-119/12
75-35-4	1,1-Dichloroethene	ND		176	122	69	176	146	83	18* [a]	60-133/15
156-59-2	cis-1,2-Dichloroethene	ND		176	91.6	52* [a]	176	122	69	28* [a]	58-133/15
156-60-5	trans-1,2-Dichloroethene	ND		176	88.1	50* [a]	176	113	64	25* [a]	62-130/16
78-87-5	1,2-Dichloropropane	ND		176	119	67* [a]	176	134	76	12	70-127/12
10061-01-5	cis-1,3-Dichloropropene	ND		176	46.6	26* [a]	176	64.6	37* [a]	32* [a]	64-126/16
10061-02-6	trans-1,3-Dichloropropene	ND		176	33.3	19* [a]	176	51.5	29* [a]	43* [a]	61-127/13
100-41-4	Ethylbenzene	ND		176	70.8	40* [a]	176	95.7	54	30* [a]	51-133/19
76-13-1	Freon 113	ND		176	145	82	176	152	86	5	46-138/17
591-78-6	2-Hexanone	ND		705	313	44* [a]	705	372	53	17* [a]	45-144/16
98-82-8	Isopropylbenzene	ND		176	85.2	48	176	107	61	23* [a]	44-142/21
79-20-9	Methyl Acetate	ND		176	122	69	176	131	74	7	14-192/21
108-87-2	Methylcyclohexane	ND		176	94.3	53	176	106	60	12	27-149/23
1634-04-4	Methyl Tert Butyl Ether	ND		176	126	71	176	131	74	4	62-125/12

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JE25927-9MS	Y220002.D	1	12/26/25	PS	n/a	n/a	VY9445
JE25927-9MSD	Y220003.D	1	12/26/25	PS	n/a	n/a	VY9445
JE25927-9	Y219991.D	1	12/26/25	PS	n/a	n/a	VY9445

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE25843-8, JE25843-9

CAS No.	Compound	JE25927-9 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		705	359	51	705	392	56	9	50-138/14
75-09-2	Methylene chloride	ND		176	127	72	176	148	84	15	63-127/15
100-42-5	Styrene	ND		176	1.8	1* [a]	176	2.6	1* [a]	36* [a]	48-143/18
79-34-5	1,1,2,2-Tetrachloroethane	ND		176	92.5	52	176	105	60	13	44-135/20
127-18-4	Tetrachloroethene	ND		176	76.3	43	176	101	57	28* [a]	38-146/17
108-88-3	Toluene	ND		176	70.0	40* [a]	176	96.6	55* [a]	32* [a]	56-135/15
87-61-6	1,2,3-Trichlorobenzene	ND		176	9.0	5* [a]	176	12.5	7* [a]	33* [a]	10-153/27
120-82-1	1,2,4-Trichlorobenzene	ND		176	ND	0* [a]	176	11.6	7* [a]	200* [a]	10-158/27
71-55-6	1,1,1-Trichloroethane	2.9	J	176	158	88	176	166	93	5	61-134/14
79-00-5	1,1,2-Trichloroethane	ND		176	94.5	54* [a]	176	111	63	16	62-133/17
79-01-6	Trichloroethene	ND		176	79.4	45* [a]	176	108	61	31* [a]	52-144/15
75-69-4	Trichlorofluoromethane	ND		176	160	91	176	174	99	8	50-141/18
75-01-4	Vinyl chloride	ND		176	124	70	176	139	79	11	48-151/18
	m,p-Xylene	ND		353	123	35* [a]	353	173	49* [a]	34* [a]	51-135/18
95-47-6	o-Xylene	ND		176	58.7	33* [a]	176	81.3	46* [a]	32* [a]	52-137/18
1330-20-7	Xylene (total)	ND		529	181	34* [a]	529	254	48* [a]	34* [a]	50-138/17

CAS No.	Surrogate Recoveries	MS	MSD	JE25927-9	Limits
1868-53-7	Dibromofluoromethane	112%	113%	108%	80-124%
17060-07-0	1,2-Dichloroethane-D4	100%	100%	104%	75-133%
2037-26-5	Toluene-D8	107%	106%	102%	79-125%
460-00-4	4-Bromofluorobenzene	99%	96%	99%	58-148%

(a) Outside control limits due to matrix interference.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JE25832-2MS	GA29797.D	1	12/30/25	JN	n/a	n/a	VGA788
JE25832-2MSD	GA29798.D	1	12/30/25	JN	n/a	n/a	VGA788
JE25832-2 [a]	GA29796.D	1	12/30/25	JN	n/a	n/a	VGA788

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE25843-6

CAS No.	Compound	JE25832-2 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		20300	14800	73	20300	15100	74	2	10-170/24
71-43-2	Benzene	ND		5080	5350	105	5080	5350	105	0	61-132/13
74-97-5	Bromochloromethane	ND		5080	4640	91	5080	4530	89	2	68-126/13
75-27-4	Bromodichloromethane	ND		5080	5420	107	5080	5400	106	0	65-129/12
75-25-2	Bromoform	ND		5080	5880	116	5080	6240	123	6	52-136/16
74-83-9	Bromomethane	ND		5080	2240	44	5080	2790	55	22	23-158/29
78-93-3	2-Butanone (MEK)	ND		20300	19400	96	20300	18800	93	3	45-142/14
75-15-0	Carbon disulfide	ND		5080	3890	77	5080	3790	75	3	50-140/18
56-23-5	Carbon tetrachloride	ND		5080	5320	105	5080	4910	97	8	54-139/21
108-90-7	Chlorobenzene	ND		5080	5380	106	5080	5610	111	4	57-127/15
75-00-3	Chloroethane	ND		5080	1410	28* [b]	5080	1340	26* [b]	5	30-157/29
67-66-3	Chloroform	ND		5080	4860	96	5080	4910	97	1	59-127/16
74-87-3	Chloromethane	ND		5080	4210	83	5080	3840	76	9	49-145/21
110-82-7	Cyclohexane	ND		5080	4660	92	5080	4610	91	1	39-147/21
96-12-8	1,2-Dibromo-3-chloropropane	ND		5080	5710	113	5080	5700	112	0	35-140/17
124-48-1	Dibromochloromethane	ND		5080	5540	109	5080	5780	114	4	63-129/12
106-93-4	1,2-Dibromoethane	ND		5080	5610	111	5080	5850	115	4	45-141/12
95-50-1	1,2-Dichlorobenzene	ND		5080	5320	105	5080	5120	101	4	38-136/19
541-73-1	1,3-Dichlorobenzene	ND		5080	5020	99	5080	5110	101	2	37-135/19
106-46-7	1,4-Dichlorobenzene	ND		5080	4970	98	5080	5090	100	2	36-134/19
75-71-8	Dichlorodifluoromethane	ND		5080	3460	68	5080	3360	66	3	33-152/17
75-34-3	1,1-Dichloroethane	ND		5080	4670	92	5080	4510	89	3	68-131/13
107-06-2	1,2-Dichloroethane	ND		5080	5050	100	5080	5070	100	0	64-119/12
75-35-4	1,1-Dichloroethene	ND		5080	3800	75	5080	3800	75	0	60-133/15
156-59-2	cis-1,2-Dichloroethene	ND		5080	4720	93	5080	4730	93	0	58-133/15
156-60-5	trans-1,2-Dichloroethene	ND		5080	4470	88	5080	4420	87	1	62-130/16
78-87-5	1,2-Dichloropropane	ND		5080	4940	97	5080	4710	93	5	70-127/12
10061-01-5	cis-1,3-Dichloropropene	ND		5080	5190	102	5080	5190	102	0	64-126/16
10061-02-6	trans-1,3-Dichloropropene	ND		5080	5570	110	5080	5950	117	7	61-127/13
100-41-4	Ethylbenzene	ND		5080	5500	108	5080	5720	113	4	51-133/19
76-13-1	Freon 113	ND		5080	3390	67	5080	3380	67	0	46-138/17
591-78-6	2-Hexanone	ND		20300	20700	102	20300	21400	105	3	45-144/16
98-82-8	Isopropylbenzene	ND		5080	5580	110	5080	5690	112	2	44-142/21
79-20-9	Methyl Acetate	ND		5080	5290	104	5080	5160	102	2	14-192/21
108-87-2	Methylcyclohexane	ND		5080	5550	109	5080	5470	108	1	27-149/23
1634-04-4	Methyl Tert Butyl Ether	ND		5080	5330	105	5080	5290	104	1	62-125/12

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JE25832-2MS	GA29797.D	1	12/30/25	JN	n/a	n/a	VGA788
JE25832-2MSD	GA29798.D	1	12/30/25	JN	n/a	n/a	VGA788
JE25832-2 [a]	GA29796.D	1	12/30/25	JN	n/a	n/a	VGA788

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE25843-6

CAS No.	Compound	JE25832-2 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		20300	19600	97	20300	19500	96	1	50-138/14
75-09-2	Methylene chloride	ND		5080	5000	99	5080	3850	76	26* [c]	63-127/15
100-42-5	Styrene	ND		5080	5370	106	5080	5730	113	6	48-143/18
79-34-5	1,1,2,2-Tetrachloroethane	ND		5080	5830	115	5080	5690	112	2	44-135/20
127-18-4	Tetrachloroethene	ND		5080	5560	110	5080	5690	112	2	38-146/17
108-88-3	Toluene	ND		5080	5610	111	5080	5660	112	1	56-135/15
87-61-6	1,2,3-Trichlorobenzene	ND		5080	6560	129	5080	6310	124	4	10-153/27
120-82-1	1,2,4-Trichlorobenzene	ND		5080	6800	134	5080	6320	125	7	10-158/27
71-55-6	1,1,1-Trichloroethane	ND		5080	5230	103	5080	5120	101	2	61-134/14
79-00-5	1,1,2-Trichloroethane	ND		5080	5560	110	5080	5790	114	4	62-133/17
79-01-6	Trichloroethene	ND		5080	4890	96	5080	4830	95	1	52-144/15
75-69-4	Trichlorofluoromethane	ND		5080	2230	44* [c]	5080	2440	48* [c]	9	50-141/18
75-01-4	Vinyl chloride	ND		5080	4460	88	5080	4360	86	2	48-151/18
	m,p-Xylene	ND		10200	10600	104	10200	11000	108	4	51-135/18
95-47-6	o-Xylene	ND		5080	5540	109	5080	5840	115	5	52-137/18
1330-20-7	Xylene (total)	ND		15200	16100	106	15200	16800	110	4	50-138/17

CAS No.	Surrogate Recoveries	MS	MSD	JE25832-2	Limits
1868-53-7	Dibromofluoromethane	94%	92%	92%	80-124%
17060-07-0	1,2-Dichloroethane-D4	97%	100%	104%	75-133%
2037-26-5	Toluene-D8	112%	114%	112%	79-125%
460-00-4	4-Bromofluorobenzene	104%	98%	102%	58-148%

(a) Dilution required due to high concentration of non-target compound.
(b) Outside control limits.
(c) Outside control limits due to matrix interference.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JE25914-1MS	1S022451.D	20	01/02/26	ED	n/a	n/a	V1S544
JE25914-1MSD	1S022453.D	20	01/02/26	ED	n/a	n/a	V1S544
JE25914-1 [a]	1S022449.D	20	01/02/26	ED	n/a	n/a	V1S544

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE25843-1

CAS No.	Compound	JE25914-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		4000	5040	126	4000	4610	115	9	22-134/19
71-43-2	Benzene	843		1000	1740	90	1000	1720	88	1	49-137/12
74-97-5	Bromochloromethane	ND		1000	1120	112	1000	1100	110	2	78-122/12
75-27-4	Bromodichloromethane	ND		1000	875	88	1000	871	87	0	76-121/12
75-25-2	Bromoform	ND		1000	956	96	1000	974	97	2	70-133/13
74-83-9	Bromomethane	ND		1000	866	87	1000	897	90	4	27-164/38
78-93-3	2-Butanone (MEK)	ND		4000	5060	127	4000	4820	121	5	52-137/17
75-15-0	Carbon disulfide	ND		1000	962	96	1000	932	93	3	54-136/16
56-23-5	Carbon tetrachloride	ND		1000	884	88	1000	861	86	3	70-132/13
108-90-7	Chlorobenzene	2320		1000	3120	80	1000	3090	77	1	68-123/12
75-00-3	Chloroethane	ND		1000	1010	101	1000	964	96	5	48-152/17
67-66-3	Chloroform	10.1	J	1000	816	81	1000	745	73	9	68-120/13
74-87-3	Chloromethane	ND		1000	897	90	1000	829	83	8	35-156/18
110-82-7	Cyclohexane	ND		1000	1120	112	1000	1100	110	2	53-146/14
96-12-8	1,2-Dibromo-3-chloropropane	ND		1000	980	98	1000	991	99	1	63-134/16
124-48-1	Dibromochloromethane	ND		1000	954	95	1000	949	95	1	75-122/12
106-93-4	1,2-Dibromoethane	ND		1000	1030	103	1000	1040	104	1	63-134/12
95-50-1	1,2-Dichlorobenzene	632		1000	1600	97	1000	1640	101	2	74-119/12
541-73-1	1,3-Dichlorobenzene	71.0		1000	1050	98	1000	1070	100	2	75-117/12
106-46-7	1,4-Dichlorobenzene	993		1000	1910	92	1000	1950	96	2	72-117/12
75-71-8	Dichlorodifluoromethane	ND		1000	762	76	1000	732	73	4	34-163/16
75-34-3	1,1-Dichloroethane	ND		1000	1050	105	1000	1000	100	5	68-129/13
107-06-2	1,2-Dichloroethane	ND		1000	828	83	1000	823	82	1	66-120/13
75-35-4	1,1-Dichloroethene	ND		1000	913	91	1000	893	89	2	59-133/15
156-59-2	cis-1,2-Dichloroethene	ND		1000	1060	106	1000	1020	102	4	52-140/12
156-60-5	trans-1,2-Dichloroethene	ND		1000	1030	103	1000	997	100	3	70-125/13
78-87-5	1,2-Dichloropropane	ND		1000	1020	102	1000	993	99	3	73-124/12
10061-01-5	cis-1,3-Dichloropropene	ND		1000	990	99	1000	989	99	0	75-125/13
10061-02-6	trans-1,3-Dichloropropene	ND		1000	954	95	1000	966	97	1	75-122/12
100-41-4	Ethylbenzene	ND		1000	926	93	1000	915	92	1	37-144/12
76-13-1	Freon 113	ND		1000	881	88	1000	890	89	1	61-142/14
591-78-6	2-Hexanone	ND		4000	4330	108	4000	4280	107	1	56-132/16
98-82-8	Isopropylbenzene	ND		1000	917	92	1000	922	92	1	71-126/13
79-20-9	Methyl Acetate	ND		1000	1210	121	1000	1180	118	3	51-139/18
108-87-2	Methylcyclohexane	ND		1000	948	95	1000	946	95	0	59-137/16
1634-04-4	Methyl Tert Butyl Ether	ND		1000	1030	103	1000	1000	100	3	66-124/12

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JE25914-1MS	1S022451.D	20	01/02/26	ED	n/a	n/a	V1S544
JE25914-1MSD	1S022453.D	20	01/02/26	ED	n/a	n/a	V1S544
JE25914-1 [a]	1S022449.D	20	01/02/26	ED	n/a	n/a	V1S544

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE25843-1

CAS No.	Compound	JE25914-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		4000	4400	110	4000	4300	108	2	65-135/14
75-09-2	Methylene chloride	ND		1000	1080	108	1000	1040	104	4	66-125/14
100-42-5	Styrene	ND		1000	988	99	1000	986	99	0	71-133/12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1000	1090	109	1000	1090	109	0	68-127/14
127-18-4	Tetrachloroethene	15.3	J	1000	963	95	1000	977	96	1	58-132/13
108-88-3	Toluene	ND		1000	971	97	1000	971	97	0	46-139/12
87-61-6	1,2,3-Trichlorobenzene	ND		1000	957	96	1000	1010	101	5	57-136/17
120-82-1	1,2,4-Trichlorobenzene	34.0		1000	1010	98	1000	1050	102	4	61-137/16
71-55-6	1,1,1-Trichloroethane	ND		1000	878	88	1000	861	86	2	67-132/13
79-00-5	1,1,2-Trichloroethane	ND		1000	1010	101	1000	1000	100	1	75-120/12
79-01-6	Trichloroethene	ND		1000	951	95	1000	982	98	3	56-136/12
75-69-4	Trichlorofluoromethane	ND		1000	886	89	1000	873	87	1	61-145/16
75-01-4	Vinyl chloride	ND		1000	937	94	1000	930	93	1	41-156/16
	m,p-Xylene	ND		2000	1910	96	2000	1920	96	1	32-151/12
95-47-6	o-Xylene	ND		1000	951	95	1000	958	96	1	50-139/12
1330-20-7	Xylene (total)	ND		3000	2860	95	3000	2880	96	1	38-147/12

CAS No.	Surrogate Recoveries	MS	MSD	JE25914-1	Limits
1868-53-7	Dibromofluoromethane	104%	101%	110%	80-120%
17060-07-0	1,2-Dichloroethane-D4	81%	79%* [b]	87%	80-120%
2037-26-5	Toluene-D8	99%	99%	99%	80-120%
460-00-4	4-Bromofluorobenzene	94%	97%	94%	82-114%

(a) Dilution required due to high concentration of target compound.
(b) Outside control limits due to matrix interference. Confirmed by MS.

* = Outside of Control Limits.

Duplicate Summary

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JE25620-2DUP	I271311.D	1	12/24/25	PS	n/a	n/a	VI10886
JE25620-2	I271300.D	1	12/24/25	PS	n/a	n/a	VI10886

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE25843-3, JE25843-5, JE25843-7

CAS No.	Compound	JE25620-2 ug/kg	Q	DUP ug/kg	Q	RPD	Limits
67-64-1	Acetone	15.7		12.0	J	27	50
71-43-2	Benzene	ND		ND		nc	44
74-97-5	Bromochloromethane	ND		ND		nc	30
75-27-4	Bromodichloromethane	ND		ND		nc	22
75-25-2	Bromoform	ND		ND		nc	30
74-83-9	Bromomethane	ND		ND		nc	10
78-93-3	2-Butanone (MEK)	ND		ND		nc	15
75-15-0	Carbon disulfide	1.5		1.3	J	14	43
56-23-5	Carbon tetrachloride	ND		ND		nc	38
108-90-7	Chlorobenzene	ND		ND		nc	11
75-00-3	Chloroethane	ND		ND		nc	10
67-66-3	Chloroform	ND		ND		nc	14
74-87-3	Chloromethane	ND		ND		nc	30
110-82-7	Cyclohexane	ND		ND		nc	44
96-12-8	1,2-Dibromo-3-chloropropane	ND		ND		nc	30
124-48-1	Dibromochloromethane	ND		ND		nc	10
106-93-4	1,2-Dibromoethane	ND		ND		nc	30
95-50-1	1,2-Dichlorobenzene	ND		ND		nc	10
541-73-1	1,3-Dichlorobenzene	ND		ND		nc	30
106-46-7	1,4-Dichlorobenzene	ND		ND		nc	10
75-71-8	Dichlorodifluoromethane	ND		ND		nc	30
75-34-3	1,1-Dichloroethane	ND		ND		nc	25
107-06-2	1,2-Dichloroethane	ND		ND		nc	10
75-35-4	1,1-Dichloroethene	ND		ND		nc	10
156-59-2	cis-1,2-Dichloroethene	ND		ND		nc	36
156-60-5	trans-1,2-Dichloroethene	ND		ND		nc	14
78-87-5	1,2-Dichloropropane	ND		ND		nc	30
10061-01-5	cis-1,3-Dichloropropene	ND		ND		nc	30
10061-02-6	trans-1,3-Dichloropropene	ND		ND		nc	30
100-41-4	Ethylbenzene	ND		ND		nc	35
76-13-1	Freon 113	ND		ND		nc	10
591-78-6	2-Hexanone	ND		ND		nc	10
98-82-8	Isopropylbenzene	ND		ND		nc	28
79-20-9	Methyl Acetate	ND		ND		nc	37
108-87-2	Methylcyclohexane	ND		ND		nc	43
1634-04-4	Methyl Tert Butyl Ether	ND		ND		nc	21

* = Outside of Control Limits.

Duplicate Summary

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JE25620-2DUP	I271311.D	1	12/24/25	PS	n/a	n/a	VI10886
JE25620-2	I271300.D	1	12/24/25	PS	n/a	n/a	VI10886

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE25843-3, JE25843-5, JE25843-7

CAS No.	Compound	JE25620-2 ug/kg	Q	DUP ug/kg	Q	RPD	Limits
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		ND		nc	10
75-09-2	Methylene chloride	ND		ND		nc	10
100-42-5	Styrene	ND		ND		nc	10
79-34-5	1,1,2,2-Tetrachloroethane	ND		ND		nc	10
127-18-4	Tetrachloroethene	ND		ND		nc	43
108-88-3	Toluene	ND		ND		nc	37
87-61-6	1,2,3-Trichlorobenzene	ND		ND		nc	30
120-82-1	1,2,4-Trichlorobenzene	ND		ND		nc	10
71-55-6	1,1,1-Trichloroethane	ND		ND		nc	21
79-00-5	1,1,2-Trichloroethane	ND		ND		nc	10
79-01-6	Trichloroethene	ND		3.0		200* [a]	44
75-69-4	Trichlorofluoromethane	ND		ND		nc	30
75-01-4	Vinyl chloride	ND		ND		nc	22
	m,p-Xylene	ND		ND		nc	44
95-47-6	o-Xylene	ND		ND		nc	45
1330-20-7	Xylene (total)	ND		ND		nc	60

CAS No.	Surrogate Recoveries	DUP	JE25620-2	Limits
1868-53-7	Dibromofluoromethane	107%	104%	80-124%
17060-07-0	1,2-Dichloroethane-D4	114%	110%	75-133%
2037-26-5	Toluene-D8	109%	106%	79-125%
460-00-4	4-Bromofluorobenzene	102%	109%	58-148%

(a) Outside control limits due to sample non-homogeneity.

* = Outside of Control Limits.

Duplicate Summary

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JE26042-1DUP	Y220068.D	1	12/30/25	JN	n/a	n/a	VY9447
JE26042-1	Y220063.D	1	12/30/25	JN	n/a	n/a	VY9447

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE25843-2

CAS No.	Compound	JE26042-1 ug/kg	Q	DUP ug/kg	Q	RPD	Limits
67-64-1	Acetone	ND		ND		nc	50
71-43-2	Benzene	ND		ND		nc	44
74-97-5	Bromochloromethane	ND		ND		nc	30
75-27-4	Bromodichloromethane	ND		ND		nc	22
75-25-2	Bromoform	ND		ND		nc	30
74-83-9	Bromomethane	ND		ND		nc	10
78-93-3	2-Butanone (MEK)	ND		ND		nc	15
75-15-0	Carbon disulfide	ND		ND		nc	43
56-23-5	Carbon tetrachloride	ND		ND		nc	38
108-90-7	Chlorobenzene	ND		ND		nc	11
75-00-3	Chloroethane	ND		ND		nc	10
67-66-3	Chloroform	ND		ND		nc	14
74-87-3	Chloromethane	ND		ND		nc	30
110-82-7	Cyclohexane	ND		ND		nc	44
96-12-8	1,2-Dibromo-3-chloropropane	ND		ND		nc	30
124-48-1	Dibromochloromethane	ND		ND		nc	10
106-93-4	1,2-Dibromoethane	ND		ND		nc	30
95-50-1	1,2-Dichlorobenzene	ND		ND		nc	10
541-73-1	1,3-Dichlorobenzene	ND		ND		nc	30
106-46-7	1,4-Dichlorobenzene	ND		ND		nc	10
75-71-8	Dichlorodifluoromethane	ND		ND		nc	30
75-34-3	1,1-Dichloroethane	ND		ND		nc	25
107-06-2	1,2-Dichloroethane	ND		ND		nc	10
75-35-4	1,1-Dichloroethene	ND		ND		nc	10
156-59-2	cis-1,2-Dichloroethene	ND		ND		nc	36
156-60-5	trans-1,2-Dichloroethene	ND		ND		nc	14
78-87-5	1,2-Dichloropropane	ND		ND		nc	30
10061-01-5	cis-1,3-Dichloropropene	ND		ND		nc	30
10061-02-6	trans-1,3-Dichloropropene	ND		ND		nc	30
100-41-4	Ethylbenzene	ND		ND		nc	35
76-13-1	Freon 113	ND		ND		nc	10
591-78-6	2-Hexanone	ND		ND		nc	10
98-82-8	Isopropylbenzene	ND		ND		nc	28
79-20-9	Methyl Acetate	ND		ND		nc	37
108-87-2	Methylcyclohexane	ND		ND		nc	43
1634-04-4	Methyl Tert Butyl Ether	ND		ND		nc	21

* = Outside of Control Limits.

Duplicate Summary

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JE26042-1DUP	Y220068.D	1	12/30/25	JN	n/a	n/a	VY9447
JE26042-1	Y220063.D	1	12/30/25	JN	n/a	n/a	VY9447

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE25843-2

CAS No.	Compound	JE26042-1 ug/kg	Q	DUP ug/kg	Q	RPD	Limits
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		ND		nc	10
75-09-2	Methylene chloride	ND		3.4	J	200* [a]	10
100-42-5	Styrene	ND		ND		nc	10
79-34-5	1,1,2,2-Tetrachloroethane	ND		ND		nc	10
127-18-4	Tetrachloroethene	ND		ND		nc	43
108-88-3	Toluene	ND		ND		nc	37
87-61-6	1,2,3-Trichlorobenzene	ND		ND		nc	30
120-82-1	1,2,4-Trichlorobenzene	ND		ND		nc	10
71-55-6	1,1,1-Trichloroethane	ND		ND		nc	21
79-00-5	1,1,2-Trichloroethane	ND		ND		nc	10
79-01-6	Trichloroethene	ND		ND		nc	44
75-69-4	Trichlorofluoromethane	ND		ND		nc	30
75-01-4	Vinyl chloride	ND		ND		nc	22
	m,p-Xylene	ND		ND		nc	44
95-47-6	o-Xylene	ND		ND		nc	45
1330-20-7	Xylene (total)	ND		ND		nc	60

CAS No.	Surrogate Recoveries	DUP	JE26042-1	Limits
1868-53-7	Dibromofluoromethane	109%	109%	80-124%
17060-07-0	1,2-Dichloroethane-D4	105%	106%	75-133%
2037-26-5	Toluene-D8	99%	98%	79-125%
460-00-4	4-Bromofluorobenzene	94%	94%	58-148%

(a) RPD acceptable due to low DUP and sample concentrations.

* = Outside of Control Limits.

Instrument Performance Check (BFB)

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample:	V1S519-BFB	**Injection Date:**	12/03/25
Lab File ID:	1S021204.D	**Injection Time:**	18:19
Instrument ID:	GCMS1S		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	32088	18.3		Pass
75	30.0 - 60.0% of mass 95	88528	50.4		Pass
95	Base peak, 100% relative abundance	175616	100.0		Pass
96	5.0 - 9.0% of mass 95	11319	6.45		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 100.0% of mass 95	147085	83.8		Pass
175	5.0 - 9.0% of mass 174	11915	6.78	(8.10) [a]	Pass
176	95.0 - 101.0% of mass 174	141312	80.5	(96.1) [a]	Pass
177	5.0 - 9.0% of mass 176	9071	5.17	(6.42) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V1S519-IC519	1S021206.D	12/03/25	19:11	00:52	Initial cal 0.2
V1S519-IC519	1S021208.D	12/03/25	19:36	01:17	Initial cal 0.5
V1S519-IC519	1S021210.D	12/03/25	20:02	01:43	Initial cal 1
V1S519-IC519	1S021212.D	12/03/25	20:28	02:09	Initial cal 2
V1S519-IC519	1S021214.D	12/03/25	20:54	02:35	Initial cal 4
V1S519-IC519	1S021216.D	12/03/25	21:20	03:01	Initial cal 8
V1S519-IC519	1S021218.D	12/03/25	21:46	03:27	Initial cal 20
V1S519-ICC519	1S021220.D	12/03/25	22:12	03:53	Initial cal 50
V1S519-IC519	1S021222.D	12/03/25	22:38	04:19	Initial cal 100
V1S519-IC519	1S021224.D	12/03/25	23:04	04:45	Initial cal 200
V1S519-ICV519	1S021230.D	12/04/25	00:22	06:03	Initial cal verification 50
V1S519-ICV519	1S021232.D	12/04/25	00:48	06:29	Initial cal verification 50

Instrument Performance Check (BFB)

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample:	V1S519-BFB2	**Injection Date:**	12/04/25
Lab File ID:	1S021238.D	**Injection Time:**	14:21
Instrument ID:	GCMS1S		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	32859	17.1		Pass
75	30.0 - 60.0% of mass 95	92651	48.2		Pass
95	Base peak, 100% relative abundance	192256	100.0		Pass
96	5.0 - 9.0% of mass 95	12363	6.43		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	163328	85.0		Pass
175	5.0 - 9.0% of mass 174	12569	6.54	(7.70) [a]	Pass
176	95.0 - 101.0% of mass 174	157840	82.1	(96.6) [a]	Pass
177	5.0 - 9.0% of mass 176	10521	5.47	(6.67) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V1S519-ICV519	1S021240.D	12/04/25	14:47	00:26	Initial cal verification 50
V1S520-CC519	1S021244.D	12/05/25	13:55	23:34	Continuing cal 20
V1S520-CC519	1S021246.D	12/05/25	14:37	24:16	Continuing cal 2
V1S520-BS	1S021248.D	12/05/25	15:03	24:42	Blank Spike

Instrument Performance Check (BFB)

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample:	VGA703-BFB	**Injection Date:**	09/27/25
Lab File ID:	GA25814.D	**Injection Time:**	19:01
Instrument ID:	GCMSGA		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	38800	25.9		Pass
75	30.0 - 60.0% of mass 95	71941	48.0		Pass
95	Base peak, 100% relative abundance	149931	100.0		Pass
96	5.0 - 9.0% of mass 95	9439	6.30		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 150.0% of mass 95	124581	83.1		Pass
175	5.0 - 9.0% of mass 174	11045	7.37	(8.87) [a]	Pass
176	95.0 - 101.0% of mass 174	124725	83.2	(100.1) [a]	Pass
177	5.0 - 9.0% of mass 176	7366	4.91	(5.91) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VGA703-IC703	GA25819.D	09/27/25	20:53	01:52	Initial cal 0.2
VGA703-IC703	GA25821.D	09/27/25	21:22	02:21	Initial cal 0.5
VGA703-IC703	GA25823.D	09/27/25	21:50	02:49	Initial cal 1
VGA703-IC703	GA25825.D	09/27/25	22:19	03:18	Initial cal 2
VGA703-IC703	GA25827.D	09/27/25	22:48	03:47	Initial cal 4
VGA703-IC703	GA25829.D	09/27/25	23:17	04:16	Initial cal 8
VGA703-IC703	GA25831.D	09/27/25	23:45	04:44	Initial cal 20
VGA703-ICC703	GA25833.D	09/28/25	00:14	05:13	Initial cal 50
VGA703-IC703	GA25835.D	09/28/25	00:43	05:42	Initial cal 100
VGA703-IC703	GA25837.D	09/28/25	01:12	06:11	Initial cal 200
VGA703-ICV703	GA25843.D	09/28/25	02:38	07:37	Initial cal verification 50
VGA703-ICV703	GA25845.D	09/28/25	03:07	08:06	Initial cal verification 50

Instrument Performance Check (BFB)

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample:	VI10788-BFB	**Injection Date:**	08/26/25
Lab File ID:	I268721.D	**Injection Time:**	19:58
Instrument ID:	GCMSI		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	35603	23.9		Pass
75	30.0 - 60.0% of mass 95	73752	49.5		Pass
95	Base peak, 100% relative abundance	148861	100.0		Pass
96	5.0 - 9.0% of mass 95	9831	6.60		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	152301	102.3		Pass
175	5.0 - 9.0% of mass 174	12063	8.10	(7.92) [a]	Pass
176	95.0 - 101.0% of mass 174	150949	101.4	(99.1) [a]	Pass
177	5.0 - 9.0% of mass 176	9713	6.52	(6.43) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VI10788-IC10788	I268722.D	08/26/25	20:20	00:22	Initial cal 0.2
VI10788-IC10788	I268723.D	08/26/25	20:42	00:44	Initial cal 0.5
VI10788-IC10788	I268724.D	08/26/25	21:04	01:06	Initial cal 1
VI10788-IC10788	I268725.D	08/26/25	21:26	01:28	Initial cal 2
VI10788-IC10788	I268726.D	08/26/25	21:47	01:49	Initial cal 4
VI10788-IC10788	I268727.D	08/26/25	22:09	02:11	Initial cal 8
VI10788-IC10788	I268728.D	08/26/25	22:31	02:33	Initial cal 20
VI10788-ICC10788	I268729.D	08/26/25	22:53	02:55	Initial cal 50
VI10788-IC10788	I268730.D	08/26/25	23:14	03:16	Initial cal 100
VI10788-IC10788	I268731.D	08/26/25	23:36	03:38	Initial cal 200
VI10788-ICV10788	I268734.D	08/27/25	00:42	04:44	Initial cal verification 50
VI10788-ICV10788	I268735.D	08/27/25	01:03	05:05	Initial cal verification 50
VI10788-ICV10788	I268736.D	08/27/25	01:25	05:27	Initial cal verification 50

Instrument Performance Check (BFB)

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample:	VI10886-BFB	**Injection Date:**	12/24/25
Lab File ID:	I271293.D	**Injection Time:**	11:38
Instrument ID:	GCMSI		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	53469	22.1		Pass
75	30.0 - 60.0% of mass 95	127608	52.7		Pass
95	Base peak, 100% relative abundance	242240	100.0		Pass
96	5.0 - 9.0% of mass 95	16874	6.97		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	240960	99.5		Pass
175	5.0 - 9.0% of mass 174	19167	7.91	(7.95) [a]	Pass
176	95.0 - 101.0% of mass 174	234752	96.9	(97.4) [a]	Pass
177	5.0 - 9.0% of mass 176	15646	6.46	(6.66) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VI10886-CC10788	I271293A.D	12/24/25	11:38	00:00	Continuing cal 50
VI10886-CC10788	I271294.D	12/24/25	12:21	00:43	Continuing cal 4
VI10886-BS	I271295.D	12/24/25	12:43	01:05	Blank Spike
VI10886-BSD	I271296.D	12/24/25	13:05	01:27	Blank Spike Duplicate
VI10886-MB	I271298.D	12/24/25	15:09	03:31	Method Blank
JE25620-1	I271299.D	12/24/25	15:31	03:53	(used for QC only; not part of job JE25843)
JE25620-2	I271300.D	12/24/25	15:53	04:15	(used for QC only; not part of job JE25843)
ZZZZZZ	I271301.D	12/24/25	16:15	04:37	(unrelated sample)
ZZZZZZ	I271302.D	12/24/25	16:37	04:59	(unrelated sample)
ZZZZZZ	I271303.D	12/24/25	16:59	05:21	(unrelated sample)
ZZZZZZ	I271304.D	12/24/25	17:20	05:42	(unrelated sample)
ZZZZZZ	I271305.D	12/24/25	17:42	06:04	(unrelated sample)
ZZZZZZ	I271306.D	12/24/25	18:04	06:26	(unrelated sample)
ZZZZZZ	I271307.D	12/24/25	18:26	06:48	(unrelated sample)
JE25620-1MS	I271309.D	12/24/25	19:10	07:32	Matrix Spike
JE25620-2DUP	I271311.D	12/24/25	19:54	08:16	Duplicate
ZZZZZZ	I271313.D	12/24/25	20:37	08:59	(unrelated sample)
JE25843-3	I271314.D	12/24/25	20:59	09:21	SB02_12-14
JE25843-5	I271315.D	12/24/25	21:21	09:43	SB03_12-14
JE25843-7	I271316.D	12/24/25	21:43	10:05	SB04_16-18
JE25843-8	I271317.D	12/24/25	22:05	10:27	SB07_12-14
ZZZZZZ	I271319.D	12/24/25	22:48	11:10	(unrelated sample)
ZZZZZZ	I271320.D	12/24/25	23:10	11:32	(unrelated sample)

Instrument Performance Check (BFB)

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample:	VY9360-BFB	**Injection Date:**	09/16/25
Lab File ID:	Y217596.D	**Injection Time:**	23:12
Instrument ID:	GCMSY		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	14.99 - 40.0% of mass 95	44309	22.9		Pass
75	30.0 - 60.0% of mass 95	93843	48.4		Pass
95	Base peak, 100% relative abundance	193792	100.0		Pass
96	5.0 - 9.0% of mass 95	12523	6.46		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	164395	84.8		Pass
175	5.0 - 9.0% of mass 174	12487	6.44	(7.60) [a]	Pass
176	95.0 - 101.0% of mass 174	160144	82.6	(97.4) [a]	Pass
177	5.0 - 9.0% of mass 176	10190	5.26	(6.36) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VY9360-IC9360	Y217597.D	09/16/25	23:34	00:22	Initial cal 0.2
VY9360-IC9360	Y217598.D	09/16/25	23:56	00:44	Initial cal 0.5
VY9360-IC9360	Y217599.D	09/17/25	00:17	01:05	Initial cal 1
VY9360-IC9360	Y217600.D	09/17/25	00:39	01:27	Initial cal 2
VY9360-IC9360	Y217601.D	09/17/25	01:01	01:49	Initial cal 4
VY9360-IC9360	Y217602.D	09/17/25	01:22	02:10	Initial cal 8
VY9360-IC9360	Y217603.D	09/17/25	01:44	02:32	Initial cal 20
VY9360-ICC9360	Y217604.D	09/17/25	02:06	02:54	Initial cal 50
VY9360-IC9360	Y217605.D	09/17/25	02:27	03:15	Initial cal 100
VY9360-IC9360	Y217606.D	09/17/25	02:49	03:37	Initial cal 200
VY9360-ICV9360	Y217609.D	09/17/25	03:54	04:42	Initial cal verification 50
VY9360-ICV9360	Y217610.D	09/17/25	04:16	05:04	Initial cal verification 50

Instrument Performance Check (BFB)

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample:	VY9447-BFB	**Injection Date:**	12/30/25
Lab File ID:	Y220053.D	**Injection Time:**	10:34
Instrument ID:	GCMSY		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	38848	26.3		Pass
75	30.0 - 60.0% of mass 95	75083	50.8		Pass
95	Base peak, 100% relative abundance	147872	100.0		Pass
96	5.0 - 9.0% of mass 95	9491	6.42		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	134080	90.7		Pass
175	5.0 - 9.0% of mass 174	11050	7.47	(8.24) [a]	Pass
176	95.0 - 101.0% of mass 174	130637	88.3	(97.4) [a]	Pass
177	5.0 - 9.0% of mass 176	8065	5.45	(6.17) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VY9447-CC9360	Y220053.D	12/30/25	10:34	00:00	Continuing cal 50
VY9447-CC9360	Y220054.D	12/30/25	11:08	00:34	Continuing cal 4
VY9447-BS	Y220055.D	12/30/25	11:30	00:56	Blank Spike
VY9447-MB	Y220057.D	12/30/25	12:40	02:06	Method Blank
ZZZZZZ	Y220058.D	12/30/25	13:24	02:50	(unrelated sample)
ZZZZZZ	Y220059.D	12/30/25	14:05	03:31	(unrelated sample)
ZZZZZZ	Y220060.D	12/30/25	14:27	03:53	(unrelated sample)
JE25843-2	Y220061.D	12/30/25	14:49	04:15	SB06_10-12
JE26039-1	Y220062.D	12/30/25	15:11	04:37	(used for QC only; not part of job JE25843)
JE26042-1	Y220063.D	12/30/25	15:32	04:58	(used for QC only; not part of job JE25843)
ZZZZZZ	Y220064.D	12/30/25	15:54	05:20	(unrelated sample)
ZZZZZZ	Y220065.D	12/30/25	16:16	05:42	(unrelated sample)
JE26039-1MS	Y220066.D	12/30/25	16:41	06:07	Matrix Spike
JE26042-1DUP	Y220068.D	12/30/25	17:25	06:51	Duplicate
ZZZZZZ	Y220069.D	12/30/25	17:46	07:12	(unrelated sample)
ZZZZZZ	Y220070.D	12/30/25	18:08	07:34	(unrelated sample)
ZZZZZZ	Y220071.D	12/30/25	18:30	07:56	(unrelated sample)
ZZZZZZ	Y220072.D	12/30/25	18:52	08:18	(unrelated sample)
ZZZZZZ	Y220073.D	12/30/25	19:13	08:39	(unrelated sample)
ZZZZZZ	Y220074.D	12/30/25	19:35	09:01	(unrelated sample)
ZZZZZZ	Y220075.D	12/30/25	19:57	09:23	(unrelated sample)
ZZZZZZ	Y220076.D	12/30/25	20:18	09:44	(unrelated sample)
VY9448-CC9360	Y220081.D	12/31/25	10:36	24:02	Continuing cal 50
VY9448-CC9360	Y220082.D	12/31/25	11:20	24:46	Continuing cal 1

Surrogate Recovery Summary

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Method: SW846 8260D **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4
JE25843-1	1S022427.D	111	87	98	93
JE25914-1MS	1S022451.D	104	81	99	94
JE25914-1MSD	1S022453.D	101	79* [a]	99	97
V1S544-BS	1S022421.D	102	81	99	96
V1S544-MB	1S022425.D	110	88	100	93

Surrogate Compounds	Recovery Limits
S1 = Dibromofluoromethane	80-120%
S2 = 1,2-Dichloroethane-D4	80-120%
S3 = Toluene-D8	80-120%
S4 = 4-Bromofluorobenzene	82-114%

(a) Outside control limits due to matrix interference. Confirmed by MS.

Surrogate Recovery Summary

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Method: SW846 8260D **Matrix:** SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4
JE25843-2	Y220061.D	108	106	99	95
JE25843-3	I271314.D	117	112	106	102
JE25843-5	I271315.D	108	118	105	105
JE25843-6	GA29804.D	91	99	111	101
JE25843-7	I271316.D	113	109	104	101
JE25843-8	Y220009.D	116	109	112	134
JE25843-8	I271317.D	120	115	135* [a]	158* [a]
JE25843-9	Y220010.D	117	104	104	115
JE25620-1MS	I271309.D	101	98	99	101
JE25620-2DUP	I271311.D	107	114	109	102
JE25832-2MS	GA29797.D	94	97	112	104
JE25832-2MSD	GA29798.D	92	100	114	98
JE25927-9MS	Y220002.D	112	100	107	99
JE25927-9MSD	Y220003.D	113	100	106	96
JE26039-1MS	Y220066.D	111	102	102	92
JE26042-1DUP	Y220068.D	109	105	99	94
VGA788-BS	GA29781.D	97	109	110	103
VGA788-MB	GA29785.D	91	103	107	101
VI10886-BS	I271295.D	97	100	101	106
VI10886-BSD	I271296.D	95	106	102	104
VI10886-MB	I271298.D	103	104	108	97
VY9445-BS	Y219987.D	113	102	104	92
VY9445-MB	Y219989.D	108	100	99	94
VY9447-BS	Y220055.D	114	107	102	89
VY9447-MB	Y220057.D	104	104	99	95

Surrogate Compounds	Recovery Limits
S1 = Dibromofluoromethane	80-124%
S2 = 1,2-Dichloroethane-D4	75-133%
S3 = Toluene-D8	79-125%
S4 = 4-Bromofluorobenzene	58-148%

(a) Outside control limits due to matrix interference.

MS Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (DFTPP)
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP70050-MB1	F230089.D	1	12/29/25	RS	12/23/25	OP70050	EF10217

The QC reported here applies to the following samples: **Method:** SW846 8270E

JE25843-1

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.0	0.82	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	0.89	ug/l	
120-83-2	2,4-Dichlorophenol	ND	2.0	1.3	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	2.4	ug/l	
51-28-5	2,4-Dinitrophenol	ND	5.0	1.6	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	5.0	1.3	ug/l	
95-48-7	2-Methylphenol	ND	2.0	0.89	ug/l	
	3&4-Methylphenol	ND	2.0	0.88	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	0.96	ug/l	
100-02-7	4-Nitrophenol	ND	10	1.2	ug/l	
87-86-5	Pentachlorophenol	ND	4.0	1.4	ug/l	
108-95-2	Phenol	ND	2.0	0.39	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	1.5	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	1.3	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	2.0	0.92	ug/l	
83-32-9	Acenaphthene	ND	1.0	0.19	ug/l	
208-96-8	Acenaphthylene	ND	1.0	0.14	ug/l	
98-86-2	Acetophenone	ND	2.0	0.21	ug/l	
120-12-7	Anthracene	ND	1.0	0.21	ug/l	
1912-24-9	Atrazine	ND	2.0	0.45	ug/l	
100-52-7	Benzaldehyde	ND	5.0	0.29	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.0	0.20	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.0	0.21	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.0	0.21	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	0.34	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.0	0.21	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.40	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.0	0.46	ug/l	
92-52-4	1,1'-Biphenyl	ND	1.0	0.21	ug/l	
91-58-7	2-Chloronaphthalene	ND	2.0	0.24	ug/l	
106-47-8	4-Chloroaniline	ND	5.0	0.34	ug/l	
86-74-8	Carbazole	ND	1.0	0.23	ug/l	
105-60-2	Caprolactam	ND	2.0	0.65	ug/l	
218-01-9	Chrysene	ND	1.0	0.18	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	0.28	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.0	0.25	ug/l	

Method Blank Summary

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP70050-MB1	F230089.D	1	12/29/25	RS	12/23/25	OP70050	EF10217

The QC reported here applies to the following samples: **Method:** SW846 8270E

JE25843-1

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	2.0	0.40	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.37	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	1.0	0.55	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	1.0	0.48	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	2.0	0.51	ug/l	
123-91-1	1,4-Dioxane	ND	1.0	0.66	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.33	ug/l	
132-64-9	Dibenzofuran	ND	5.0	0.22	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.0	0.50	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.0	0.23	ug/l	
84-66-2	Diethyl phthalate	ND	2.0	0.26	ug/l	
131-11-3	Dimethyl phthalate	ND	2.0	0.22	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.0	1.7	ug/l	
206-44-0	Fluoranthene	ND	1.0	0.17	ug/l	
86-73-7	Fluorene	ND	1.0	0.17	ug/l	
118-74-1	Hexachlorobenzene	ND	1.0	0.33	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	0.49	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	10	2.8	ug/l	
67-72-1	Hexachloroethane	ND	1.0	0.39	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.0	0.33	ug/l	
78-59-1	Isophorone	ND	2.0	0.28	ug/l	
91-57-6	2-Methylnaphthalene	ND	1.0	0.21	ug/l	
88-74-4	2-Nitroaniline	ND	5.0	0.28	ug/l	
99-09-2	3-Nitroaniline	ND	5.0	0.39	ug/l	
100-01-6	4-Nitroaniline	ND	5.0	0.44	ug/l	
91-20-3	Naphthalene	ND	1.0	0.23	ug/l	
98-95-3	Nitrobenzene	ND	1.0	0.64	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	1.0	0.48	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	0.22	ug/l	
85-01-8	Phenanthrene	ND	1.0	0.18	ug/l	
129-00-0	Pyrene	ND	1.0	0.22	ug/l	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	2.0	0.37	ug/l	

Method Blank Summary

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP70050-MB1	F230089.D	1	12/29/25	RS	12/23/25	OP70050	EF10217

The QC reported here applies to the following samples: **Method:** SW846 8270E

JE25843-1

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	24%	10-71%
4165-62-2	Phenol-d5	14%	10-58%
118-79-6	2,4,6-Tribromophenol	67%	22-144%
4165-60-0	Nitrobenzene-d5	47%	28-118%
321-60-8	2-Fluorobiphenyl	45%	34-116%
1718-51-0	Terphenyl-d14	79%	10-127%

Method Blank Summary

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP70042-MB1	CR15707.D	1	12/30/25	RS	12/27/25	OP70042	ECR740

The QC reported here applies to the following samples: **Method:** SW846 8270E

JE25843-3, JE25843-5, JE25843-6, JE25843-7, JE25843-8, JE25843-9

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	67	16	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	20	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	28	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	59	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	170	130	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	170	36	ug/kg	
95-48-7	2-Methylphenol	ND	67	21	ug/kg	
	3&4-Methylphenol	ND	67	27	ug/kg	
88-75-5	2-Nitrophenol	ND	170	22	ug/kg	
100-02-7	4-Nitrophenol	ND	330	89	ug/kg	
87-86-5	Pentachlorophenol	ND	130	31	ug/kg	
108-95-2	Phenol	ND	67	17	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	170	22	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	25	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	20	ug/kg	
83-32-9	Acenaphthene	ND	33	11	ug/kg	
208-96-8	Acenaphthylene	ND	33	17	ug/kg	
98-86-2	Acetophenone	ND	170	7.2	ug/kg	
120-12-7	Anthracene	ND	33	20	ug/kg	
1912-24-9	Atrazine	ND	67	14	ug/kg	
56-55-3	Benzo(a)anthracene	ND	33	9.4	ug/kg	
50-32-8	Benzo(a)pyrene	ND	33	15	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	33	15	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	33	17	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	33	16	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	67	13	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	67	8.1	ug/kg	
92-52-4	1,1'-Biphenyl	ND	67	4.6	ug/kg	
100-52-7	Benzaldehyde	ND	170	8.3	ug/kg	
91-58-7	2-Chloronaphthalene	ND	67	7.9	ug/kg	
106-47-8	4-Chloroaniline	ND	170	12	ug/kg	
86-74-8	Carbazole	ND	67	4.8	ug/kg	
105-60-2	Caprolactam	ND	67	13	ug/kg	
218-01-9	Chrysene	ND	33	10	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	67	7.1	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	67	14	ug/kg	

Method Blank Summary

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP70042-MB1	CR15707.D	1	12/30/25	RS	12/27/25	OP70042	ECR740

The QC reported here applies to the following samples: **Method:** SW846 8270E

JE25843-3, JE25843-5, JE25843-6, JE25843-7, JE25843-8, JE25843-9

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	67	12	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	67	11	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	33	10	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	33	17	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	67	28	ug/kg	
123-91-1	1,4-Dioxane	ND	33	22	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	33	15	ug/kg	
132-64-9	Dibenzofuran	ND	67	14	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	67	5.4	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	67	8.3	ug/kg	
84-66-2	Diethyl phthalate	ND	67	7.1	ug/kg	
131-11-3	Dimethyl phthalate	ND	67	5.9	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	67	7.8	ug/kg	
206-44-0	Fluoranthene	ND	33	15	ug/kg	
86-73-7	Fluorene	ND	33	15	ug/kg	
118-74-1	Hexachlorobenzene	ND	67	8.4	ug/kg	
87-68-3	Hexachlorobutadiene	ND	33	13	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	330	13	ug/kg	
67-72-1	Hexachloroethane	ND	170	16	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	33	16	ug/kg	
78-59-1	Isophorone	ND	67	7.1	ug/kg	
91-57-6	2-Methylnaphthalene	ND	33	7.5	ug/kg	
88-74-4	2-Nitroaniline	ND	170	7.9	ug/kg	
99-09-2	3-Nitroaniline	ND	170	8.3	ug/kg	
100-01-6	4-Nitroaniline	ND	170	8.6	ug/kg	
91-20-3	Naphthalene	ND	33	9.4	ug/kg	
98-95-3	Nitrobenzene	ND	67	13	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	67	9.6	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	12	ug/kg	
85-01-8	Phenanthrene	ND	33	11	ug/kg	
129-00-0	Pyrene	ND	33	11	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	170	8.5	ug/kg	

Method Blank Summary

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP70042-MB1	CR15707.D	1	12/30/25	RS	12/27/25	OP70042	ECR740

The QC reported here applies to the following samples: **Method:** SW846 8270E

JE25843-3, JE25843-5, JE25843-6, JE25843-7, JE25843-8, JE25843-9

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	73%	10-99%
4165-62-2	Phenol-d5	74%	10-96%
118-79-6	2,4,6-Tribromophenol	73%	10-123%
4165-60-0	Nitrobenzene-d5	70%	10-109%
321-60-8	2-Fluorobiphenyl	72%	11-109%
1718-51-0	Terphenyl-d14	82%	10-120%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Unknown	5.09	1300	ug/kg	J
	Unknown	5.24	730	ug/kg	J
	Unknown	5.41	370	ug/kg	J
	Unknown	5.52	360	ug/kg	J
57-10-3	n-Hexadecanoic acid	8.01	170	ug/kg	JN
	Unknown alcohol	10.31	280	ug/kg	J
	Total TIC, Semi-Volatile		3210	ug/kg	J

Method Blank Summary

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP70166-MB1	6P524735.D	1	12/31/25	AO	12/30/25	OP70166	E6P4544

The QC reported here applies to the following samples: **Method:** SW846 8270E

JE25843-2

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	67	16	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	20	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	28	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	59	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	170	130	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	170	36	ug/kg	
95-48-7	2-Methylphenol	ND	67	21	ug/kg	
	3&4-Methylphenol	ND	67	27	ug/kg	
88-75-5	2-Nitrophenol	ND	170	22	ug/kg	
100-02-7	4-Nitrophenol	ND	330	89	ug/kg	
87-86-5	Pentachlorophenol	ND	130	31	ug/kg	
108-95-2	Phenol	ND	67	17	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	170	22	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	25	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	20	ug/kg	
83-32-9	Acenaphthene	ND	33	11	ug/kg	
208-96-8	Acenaphthylene	ND	33	17	ug/kg	
98-86-2	Acetophenone	ND	170	7.2	ug/kg	
120-12-7	Anthracene	ND	33	20	ug/kg	
1912-24-9	Atrazine	ND	67	14	ug/kg	
56-55-3	Benzo(a)anthracene	ND	33	9.4	ug/kg	
50-32-8	Benzo(a)pyrene	ND	33	15	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	33	15	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	33	17	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	33	16	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	67	13	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	67	8.1	ug/kg	
92-52-4	1,1'-Biphenyl	ND	67	4.6	ug/kg	
100-52-7	Benzaldehyde	ND	170	8.3	ug/kg	
91-58-7	2-Chloronaphthalene	ND	67	7.9	ug/kg	
106-47-8	4-Chloroaniline	ND	170	12	ug/kg	
86-74-8	Carbazole	ND	67	4.8	ug/kg	
105-60-2	Caprolactam	ND	67	13	ug/kg	
218-01-9	Chrysene	ND	33	10	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	67	7.1	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	67	14	ug/kg	

Method Blank Summary

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP70166-MB1	6P524735.D	1	12/31/25	AO	12/30/25	OP70166	E6P4544

The QC reported here applies to the following samples: **Method:** SW846 8270E

JE25843-2

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	67	12	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	67	11	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	33	10	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	33	17	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	67	28	ug/kg	
123-91-1	1,4-Dioxane	ND	33	22	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	33	15	ug/kg	
132-64-9	Dibenzofuran	ND	67	14	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	67	5.4	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	67	8.3	ug/kg	
84-66-2	Diethyl phthalate	ND	67	7.1	ug/kg	
131-11-3	Dimethyl phthalate	ND	67	5.9	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	67	7.8	ug/kg	
206-44-0	Fluoranthene	ND	33	15	ug/kg	
86-73-7	Fluorene	ND	33	15	ug/kg	
118-74-1	Hexachlorobenzene	ND	67	8.4	ug/kg	
87-68-3	Hexachlorobutadiene	ND	33	13	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	330	13	ug/kg	
67-72-1	Hexachloroethane	ND	170	16	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	33	16	ug/kg	
78-59-1	Isophorone	ND	67	7.1	ug/kg	
91-57-6	2-Methylnaphthalene	ND	33	7.5	ug/kg	
88-74-4	2-Nitroaniline	ND	170	7.9	ug/kg	
99-09-2	3-Nitroaniline	ND	170	8.3	ug/kg	
100-01-6	4-Nitroaniline	ND	170	8.6	ug/kg	
91-20-3	Naphthalene	ND	33	9.4	ug/kg	
98-95-3	Nitrobenzene	ND	67	13	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	67	9.6	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	12	ug/kg	
85-01-8	Phenanthrene	ND	33	11	ug/kg	
129-00-0	Pyrene	ND	33	11	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	170	8.5	ug/kg	

Method Blank Summary

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP70166-MB1	6P524735.D	1	12/31/25	AO	12/30/25	OP70166	E6P4544

The QC reported here applies to the following samples: **Method:** SW846 8270E

JE25843-2

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	66%	10-99%
4165-62-2	Phenol-d5	65%	10-96%
118-79-6	2,4,6-Tribromophenol	81%	10-123%
4165-60-0	Nitrobenzene-d5	61%	10-109%
321-60-8	2-Fluorobiphenyl	68%	11-109%
1718-51-0	Terphenyl-d14	79%	10-120%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
57-10-3	n-Hexadecanoic acid	8.14	200	ug/kg	JN
	unknown	10.03	280	ug/kg	J
	unknown	12.46	170	ug/kg	J
	Total TIC, Semi-Volatile		650	ug/kg	J

Blank Spike Summary

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP70042-BS1	CR15709.D	1	12/30/25	RS	12/27/25	OP70042	ECR740

The QC reported here applies to the following samples: **Method:** SW846 8270E

JE25843-3, JE25843-5, JE25843-6, JE25843-7, JE25843-8, JE25843-9

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
95-57-8	2-Chlorophenol	1670	1130	68	10-135
59-50-7	4-Chloro-3-methyl phenol	1670	1180	71	10-141
120-83-2	2,4-Dichlorophenol	1670	1220	73	10-139
105-67-9	2,4-Dimethylphenol	1670	1140	68	10-141
51-28-5	2,4-Dinitrophenol	3330	2250	68	10-138
534-52-1	4,6-Dinitro-o-cresol	1670	1420	85	10-156
95-48-7	2-Methylphenol	1670	1130	68	10-139
	3&4-Methylphenol	3330	2190	66	10-174
88-75-5	2-Nitrophenol	1670	1280	77	10-142
100-02-7	4-Nitrophenol	1670	1240	74	10-144
87-86-5	Pentachlorophenol	3330	2560	77	10-165
108-95-2	Phenol	1670	1190	71	23-115
58-90-2	2,3,4,6-Tetrachlorophenol	1670	1260	76	10-146
95-95-4	2,4,5-Trichlorophenol	1670	1270	76	13-136
88-06-2	2,4,6-Trichlorophenol	1670	1250	75	10-142
83-32-9	Acenaphthene	1670	1120	67	10-141
208-96-8	Acenaphthylene	1670	1170	70	10-133
98-86-2	Acetophenone	1670	1010	61	23-115
120-12-7	Anthracene	1670	1210	73	10-144
1912-24-9	Atrazine	1670	1400	84	17-149
56-55-3	Benzo(a)anthracene	1670	1250	75	11-139
50-32-8	Benzo(a)pyrene	1670	1270	76	13-141
205-99-2	Benzo(b)fluoranthene	1670	1240	74	14-140
191-24-2	Benzo(g,h,i)perylene	1670	1220	73	13-138
207-08-9	Benzo(k)fluoranthene	1670	1220	73	12-140
101-55-3	4-Bromophenyl phenyl ether	1670	1240	74	10-146
85-68-7	Butyl benzyl phthalate	1670	1460	88	10-150
92-52-4	1,1'-Biphenyl	1670	1110	67	10-141
100-52-7	Benzaldehyde	1670	971	58	10-146
91-58-7	2-Chloronaphthalene	1670	1130	68	10-142
106-47-8	4-Chloroaniline	1670	768	46	10-108
86-74-8	Carbazole	1670	1190	71	10-145
105-60-2	Caprolactam	1670	1180	71	10-187
218-01-9	Chrysene	1670	1200	72	11-139
111-91-1	bis(2-Chloroethoxy)methane	1670	1080	65	10-144
111-44-4	bis(2-Chloroethyl)ether	1670	1030	62	10-145

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP70042-BS1	CR15709.D	1	12/30/25	RS	12/27/25	OP70042	ECR740

The QC reported here applies to the following samples: **Method:** SW846 8270E

JE25843-3, JE25843-5, JE25843-6, JE25843-7, JE25843-8, JE25843-9

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
108-60-1	2,2'-Oxybis(1-chloropropane)	1670	1020	61	10-145
7005-72-3	4-Chlorophenyl phenyl ether	1670	1180	71	10-145
121-14-2	2,4-Dinitrotoluene	1670	1380	83	10-148
606-20-2	2,6-Dinitrotoluene	1670	1380	83	12-145
91-94-1	3,3'-Dichlorobenzidine	1670	1010	61	10-100
123-91-1	1,4-Dioxane	1670	552	33	10-97
53-70-3	Dibenzo(a,h)anthracene	1670	1230	74	14-142
132-64-9	Dibenzofuran	1670	1140	68	10-140
84-74-2	Di-n-butyl phthalate	1670	1310	79	11-147
117-84-0	Di-n-octyl phthalate	1670	1510	91	15-145
84-66-2	Diethyl phthalate	1670	1200	72	10-145
131-11-3	Dimethyl phthalate	1670	1170	70	10-144
117-81-7	bis(2-Ethylhexyl)phthalate	1670	1460	88	26-132
206-44-0	Fluoranthene	1670	1210	73	10-147
86-73-7	Fluorene	1670	1160	70	12-139
118-74-1	Hexachlorobenzene	1670	1230	74	10-144
87-68-3	Hexachlorobutadiene	1670	1030	62	10-142
77-47-4	Hexachlorocyclopentadiene	3330	2260	68	10-120
67-72-1	Hexachloroethane	1670	986	59	10-141
193-39-5	Indeno(1,2,3-cd)pyrene	1670	1240	74	13-144
78-59-1	Isophorone	1670	1090	65	10-139
91-57-6	2-Methylnaphthalene	1670	1100	66	10-140
88-74-4	2-Nitroaniline	1670	1340	80	10-148
99-09-2	3-Nitroaniline	1670	1050	63	10-127
100-01-6	4-Nitroaniline	1670	1390	83	10-143
91-20-3	Naphthalene	1670	1050	63	10-141
98-95-3	Nitrobenzene	1670	1060	64	10-139
621-64-7	N-Nitroso-di-n-propylamine	1670	1080	65	10-143
86-30-6	N-Nitrosodiphenylamine	1670	1310	79	10-145
85-01-8	Phenanthrene	1670	1160	70	10-142
129-00-0	Pyrene	1670	1290	77	13-141
95-94-3	1,2,4,5-Tetrachlorobenzene	1670	1110	67	10-143

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP70042-BS1	CR15709.D	1	12/30/25	RS	12/27/25	OP70042	ECR740

The QC reported here applies to the following samples: **Method:** SW846 8270E

JE25843-3, JE25843-5, JE25843-6, JE25843-7, JE25843-8, JE25843-9

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	70%	10-99%
4165-62-2	Phenol-d5	71%	10-96%
118-79-6	2,4,6-Tribromophenol	84%	10-123%
4165-60-0	Nitrobenzene-d5	68%	10-109%
321-60-8	2-Fluorobiphenyl	72%	11-109%
1718-51-0	Terphenyl-d14	79%	10-120%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP70166-BS1	6P524736.D	1	12/31/25	AO	12/30/25	OP70166	E6P4544

The QC reported here applies to the following samples: **Method:** SW846 8270E

JE25843-2

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
95-57-8	2-Chlorophenol	1670	956	57	10-135
59-50-7	4-Chloro-3-methyl phenol	1670	1090	65	10-141
120-83-2	2,4-Dichlorophenol	1670	1080	65	10-139
105-67-9	2,4-Dimethylphenol	1670	990	59	10-141
51-28-5	2,4-Dinitrophenol	3330	2610	78	10-138
534-52-1	4,6-Dinitro-o-cresol	1670	1460	88	10-156
95-48-7	2-Methylphenol	1670	960	58	10-139
	3&4-Methylphenol	3330	1950	59	10-174
88-75-5	2-Nitrophenol	1670	1220	73	10-142
100-02-7	4-Nitrophenol	1670	983	59	10-144
87-86-5	Pentachlorophenol	3330	2170	65	10-165
108-95-2	Phenol	1670	936	56	23-115
58-90-2	2,3,4,6-Tetrachlorophenol	1670	1130	68	10-146
95-95-4	2,4,5-Trichlorophenol	1670	1130	68	13-136
88-06-2	2,4,6-Trichlorophenol	1670	1120	67	10-142
83-32-9	Acenaphthene	1670	994	60	10-141
208-96-8	Acenaphthylene	1670	1010	61	10-133
98-86-2	Acetophenone	1670	911	55	23-115
120-12-7	Anthracene	1670	1010	61	10-144
1912-24-9	Atrazine	1670	1140	68	17-149
56-55-3	Benzo(a)anthracene	1670	1010	61	11-139
50-32-8	Benzo(a)pyrene	1670	1040	62	13-141
205-99-2	Benzo(b)fluoranthene	1670	1030	62	14-140
191-24-2	Benzo(g,h,i)perylene	1670	948	57	13-138
207-08-9	Benzo(k)fluoranthene	1670	970	58	12-140
101-55-3	4-Bromophenyl phenyl ether	1670	1090	65	10-146
85-68-7	Butyl benzyl phthalate	1670	1220	73	10-150
92-52-4	1,1'-Biphenyl	1670	1000	60	10-141
100-52-7	Benzaldehyde	1670	854	51	10-146
91-58-7	2-Chloronaphthalene	1670	998	60	10-142
106-47-8	4-Chloroaniline	1670	143	9* [a]	10-108
86-74-8	Carbazole	1670	1010	61	10-145
105-60-2	Caprolactam	1670	1590	95	10-187
218-01-9	Chrysene	1670	963	58	11-139
111-91-1	bis(2-Chloroethoxy)methane	1670	980	59	10-144
111-44-4	bis(2-Chloroethyl)ether	1670	882	53	10-145

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP70166-BS1	6P524736.D	1	12/31/25	AO	12/30/25	OP70166	E6P4544

The QC reported here applies to the following samples: **Method:** SW846 8270E

JE25843-2

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
108-60-1	2,2'-Oxybis(1-chloropropane)	1670	896	54	10-145
7005-72-3	4-Chlorophenyl phenyl ether	1670	1040	62	10-145
121-14-2	2,4-Dinitrotoluene	1670	1190	71	10-148
606-20-2	2,6-Dinitrotoluene	1670	1150	69	12-145
91-94-1	3,3'-Dichlorobenzidine	1670	475	29	10-100
123-91-1	1,4-Dioxane	1670	484	29	10-97
53-70-3	Dibenzo(a,h)anthracene	1670	978	59	14-142
132-64-9	Dibenzofuran	1670	992	60	10-140
84-74-2	Di-n-butyl phthalate	1670	1060	64	11-147
117-84-0	Di-n-octyl phthalate	1670	1330	80	15-145
84-66-2	Diethyl phthalate	1670	1030	62	10-145
131-11-3	Dimethyl phthalate	1670	1020	61	10-144
117-81-7	bis(2-Ethylhexyl)phthalate	1670	1160	70	26-132
206-44-0	Fluoranthene	1670	983	59	10-147
86-73-7	Fluorene	1670	1010	61	12-139
118-74-1	Hexachlorobenzene	1670	1050	63	10-144
87-68-3	Hexachlorobutadiene	1670	943	57	10-142
77-47-4	Hexachlorocyclopentadiene	3330	2250	68	10-120
67-72-1	Hexachloroethane	1670	902	54	10-141
193-39-5	Indeno(1,2,3-cd)pyrene	1670	972	58	13-144
78-59-1	Isophorone	1670	956	57	10-139
91-57-6	2-Methylnaphthalene	1670	959	58	10-140
88-74-4	2-Nitroaniline	1670	1230	74	10-148
99-09-2	3-Nitroaniline	1670	505	30	10-127
100-01-6	4-Nitroaniline	1670	1180	71	10-143
91-20-3	Naphthalene	1670	923	55	10-141
98-95-3	Nitrobenzene	1670	976	59	10-139
621-64-7	N-Nitroso-di-n-propylamine	1670	967	58	10-143
86-30-6	N-Nitrosodiphenylamine	1670	1210	73	10-145
85-01-8	Phenanthrene	1670	997	60	10-142
129-00-0	Pyrene	1670	1130	68	13-141
95-94-3	1,2,4,5-Tetrachlorobenzene	1670	1010	61	10-143

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP70166-BS1	6P524736.D	1	12/31/25	AO	12/30/25	OP70166	E6P4544

The QC reported here applies to the following samples: **Method:** SW846 8270E

JE25843-2

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	61%	10-99%
4165-62-2	Phenol-d5	60%	10-96%
118-79-6	2,4,6-Tribromophenol	75%	10-123%
4165-60-0	Nitrobenzene-d5	57%	10-109%
321-60-8	2-Fluorobiphenyl	64%	11-109%
1718-51-0	Terphenyl-d14	70%	10-120%

(a) Outside of in house control limits.

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP70050-BS1	F230092.D	1	12/29/25	RS	12/23/25	OP70050	EF10217
OP70050-BSD	F230093.D	1	12/29/25	RS	12/23/25	OP70050	EF10217

The QC reported here applies to the following samples: **Method:** SW846 8270E

JE25843-1

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	BSD ug/l	BSD %	RPD	Limits Rec/RPD
95-57-8	2-Chlorophenol	50	23.4	47	27.6	55	16	17-111/59
59-50-7	4-Chloro-3-methyl phenol	50	29.4	59	38.5	77	27	30-118/47
120-83-2	2,4-Dichlorophenol	50	31.1	62	37.0	74	17	30-119/50
105-67-9	2,4-Dimethylphenol	50	24.0	48	27.3	55	13	20-114/49
51-28-5	2,4-Dinitrophenol	100	120	120	160	160* [a]	29	11-141/72
534-52-1	4,6-Dinitro-o-cresol	50	61.1	122	84.2	168* [a]	32	30-142/51
95-48-7	2-Methylphenol	50	22.2	44	26.8	54	19	10-110/56
	3&4-Methylphenol	100	41.7	42	49.8	50	18	10-164/59
88-75-5	2-Nitrophenol	50	47.0	94	56.1	112	18	33-123/49
100-02-7	4-Nitrophenol	50	12.4	25	21.2	42	52	10-84/61
87-86-5	Pentachlorophenol	100	60.1	60	89.3	89	39	10-171/41
108-95-2	Phenol	50	13.5	27	16.0	32	17	10-85/57
58-90-2	2,3,4,6-Tetrachlorophenol	50	34.5	69	47.2	94	31	36-130/44
95-95-4	2,4,5-Trichlorophenol	50	32.4	65	44.1	88	31	38-124/44
88-06-2	2,4,6-Trichlorophenol	50	35.5	71	44.8	90	23	37-122/46
83-32-9	Acenaphthene	50	26.9	54	34.0	68	23	52-115/30
208-96-8	Acenaphthylene	50	27.9	56	34.4	69	21	30-114/31
98-86-2	Acetophenone	50	24.4	49	28.5	57	16	40-115/39
120-12-7	Anthracene	50	27.7	55	40.5	81	38* [b]	55-122/29
1912-24-9	Atrazine	50	31.4	63	46.6	93	39* [b]	54-140/33
100-52-7	Benzaldehyde	50	23.4	47	26.8	54	14	35-121/35
56-55-3	Benzo(a)anthracene	50	27.1	54* [c]	41.1	82	41* [b]	55-122/29
50-32-8	Benzo(a)pyrene	50	27.0	54	42.3	85	44* [b]	50-123/30
205-99-2	Benzo(b)fluoranthene	50	28.0	56* [c]	43.3	87	43* [b]	57-124/28
191-24-2	Benzo(g,h,i)perylene	50	25.0	50* [c]	40.7	81	48* [b]	55-125/30
207-08-9	Benzo(k)fluoranthene	50	27.8	56	43.6	87	44* [b]	53-124/28
101-55-3	4-Bromophenyl phenyl ether	50	28.3	57	40.0	80	34* [b]	55-124/29
85-68-7	Butyl benzyl phthalate	50	35.8	72	53.7	107	40* [b]	54-134/29
92-52-4	1,1'-Biphenyl	50	26.7	53	31.9	64	18	46-115/32
91-58-7	2-Chloronaphthalene	50	26.6	53	31.6	63	17	44-113/32
106-47-8	4-Chloroaniline	50	14.9	30	28.2	56	62	10-100/92
86-74-8	Carbazole	50	28.1	56	43.2	86	42* [b]	56-123/29
105-60-2	Caprolactam	50	11.0	22	15.9	32	36* [b]	10-85/35
218-01-9	Chrysene	50	26.4	53* [c]	40.6	81	42* [b]	54-122/29
111-91-1	bis(2-Chloroethoxy)methane	50	25.8	52	31.0	62	18	39-116/36
111-44-4	bis(2-Chloroethyl)ether	50	24.8	50	27.6	55	11	31-118/45

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP70050-BS1	F230092.D	1	12/29/25	RS	12/23/25	OP70050	EF10217
OP70050-BSD	F230093.D	1	12/29/25	RS	12/23/25	OP70050	EF10217

The QC reported here applies to the following samples: **Method:** SW846 8270E

JE25843-1

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	BSD ug/l	BSD %	RPD	Limits Rec/RPD
108-60-1	2,2'-Oxybis(1-chloropropane)	50	23.4	47	27.1	54	15	34-117/43
7005-72-3	4-Chlorophenyl phenyl ether	50	28.5	57	37.7	75	28	53-119/28
121-14-2	2,4-Dinitrotoluene	50	40.5	81	56.5	113	33* b	58-129/29
606-20-2	2,6-Dinitrotoluene	50	38.1	76	51.7	103	30	56-128/30
91-94-1	3,3'-Dichlorobenzidine	50	21.6	43	39.9	80	60* b	23-122/44
123-91-1	1,4-Dioxane	50	14.7	29	11.8	24	22	10-88/49
53-70-3	Dibenzo(a,h)anthracene	50	25.8	52* c	42.1	84	48* b	55-127/29
132-64-9	Dibenzofuran	50	28.7	57	37.3	75	26	53-116/29
84-74-2	Di-n-butyl phthalate	50	29.5	59	45.7	91	43* b	57-129/30
117-84-0	Di-n-octyl phthalate	50	33.6	67	49.7	99	39* b	45-139/28
84-66-2	Diethyl phthalate	50	29.3	59	42.9	86	38* b	53-123/30
131-11-3	Dimethyl phthalate	50	30.0	60	41.7	83	33	50-122/35
117-81-7	bis(2-Ethylhexyl)phthalate	50	33.6	67	51.4	103	42* b	49-137/30
206-44-0	Fluoranthene	50	27.9	56* c	41.7	83	40* b	58-125/30
86-73-7	Fluorene	50	29.0	58	38.6	77	28	56-119/28
118-74-1	Hexachlorobenzene	50	28.7	57	42.2	84	38* b	53-125/29
87-68-3	Hexachlorobutadiene	50	19.3	39	23.7	47	20	21-109/47
77-47-4	Hexachlorocyclopentadiene	100	38.9	39	45.1	45	15	10-96/52
67-72-1	Hexachloroethane	50	19.9	40	21.1	42	6	19-105/40
193-39-5	Indeno(1,2,3-cd)pyrene	50	24.2	48* c	40.4	81	50* b	50-132/30
78-59-1	Isophorone	50	25.9	52	30.7	61	17	41-117/33
91-57-6	2-Methylnaphthalene	50	22.9	46	27.7	55	19	41-112/35
88-74-4	2-Nitroaniline	50	37.1	74	49.0	98	28	48-128/31
99-09-2	3-Nitroaniline	50	27.2	54	46.4	93	52* b	30-115/51
100-01-6	4-Nitroaniline	50	32.8	66	48.0	96	38* b	43-121/34
91-20-3	Naphthalene	50	22.0	44	26.5	53	19	37-112/39
98-95-3	Nitrobenzene	50	26.6	53	31.7	63	17	35-119/39
621-64-7	N-Nitroso-di-n-propylamine	50	24.9	50	29.0	58	15	34-121/36
86-30-6	N-Nitrosodiphenylamine	50	31.4	63	45.4	91	36* b	52-121/29
85-01-8	Phenanthrene	50	27.4	55* c	40.3	81	38* b	56-121/28
129-00-0	Pyrene	50	29.1	58	43.4	87	39* b	55-125/29
95-94-3	1,2,4,5-Tetrachlorobenzene	50	24.6	49	28.0	56	13	40-110/35

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP70050-BS1	F230092.D	1	12/29/25	RS	12/23/25	OP70050	EF10217
OP70050-BSD	F230093.D	1	12/29/25	RS	12/23/25	OP70050	EF10217

The QC reported here applies to the following samples: **Method:** SW846 8270E

JE25843-1

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
367-12-4	2-Fluorophenol	33%	38%	10-71%
4165-62-2	Phenol-d5	23%	28%	10-58%
118-79-6	2,4,6-Tribromophenol	73%	100%	22-144%
4165-60-0	Nitrobenzene-d5	57%	67%	28-118%
321-60-8	2-Fluorobiphenyl	61%	70%	34-116%
1718-51-0	Terphenyl-d14	55%	82%	10-127%

(a) Outside control limits biased high, sample ND.
(b) Analytical precision exceeds in-house control limits.
(c) Outside control limits. BSD met criteria.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP70042-MS	CR15732.D	1	12/31/25	RS	12/27/25	OP70042	ECR740
OP70042-MSD	CR15733.D	1	12/31/25	RS	12/27/25	OP70042	ECR740
JE25550-3R	CR15729.D	1	12/30/25	RS	12/27/25	OP70042	ECR740

The QC reported here applies to the following samples: **Method:** SW846 8270E

JE25843-3, JE25843-5, JE25843-6, JE25843-7, JE25843-8, JE25843-9

CAS No.	Compound	JE25550-3R ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
95-57-8	2-Chlorophenol	ND		1660	877	53	1610	977	61	11	10-137/86
59-50-7	4-Chloro-3-methyl phenol	ND		1660	954	57	1610	1010	63	6	10-146/84
120-83-2	2,4-Dichlorophenol	ND		1660	944	57	1610	1020	63	8	10-145/86
105-67-9	2,4-Dimethylphenol	ND		1660	850	51	1610	966	60	13	10-148/87
51-28-5	2,4-Dinitrophenol	ND		3320	168	5* [a]	3210	147	5* [a]	13	10-118/90
534-52-1	4,6-Dinitro-o-cresol	ND		1660	233	14	1610	230	14	1	10-131/97
95-48-7	2-Methylphenol	ND		1660	891	54	1610	984	61	10	10-143/86
	3&4-Methylphenol	ND		3320	1830	55	3210	1980	62	8	10-162/87
88-75-5	2-Nitrophenol	ND		1660	912	55	1610	1000	62	9	10-147/93
100-02-7	4-Nitrophenol	ND		1660	839	51	1610	911	57	8	10-152/85
87-86-5	Pentachlorophenol	ND		3320	861	26	3210	954	30	10	10-146/89
108-95-2	Phenol	ND		1660	903	54	1610	978	61	8	10-118/84
58-90-2	2,3,4,6-Tetrachlorophenol	ND		1660	771	46	1610	848	53	10	10-139/87
95-95-4	2,4,5-Trichlorophenol	ND		1660	941	57	1610	1020	63	8	10-140/86
88-06-2	2,4,6-Trichlorophenol	ND		1660	941	57	1610	1010	63	7	10-141/86
83-32-9	Acenaphthene	ND		1660	911	55	1610	977	61	7	10-156/87
208-96-8	Acenaphthylene	ND		1660	939	57	1610	1010	63	7	10-143/84
98-86-2	Acetophenone	ND		1660	826	50	1610	891	55	8	10-130/90
120-12-7	Anthracene	ND		1660	993	60	1610	1050	65	6	10-166/88
1912-24-9	Atrazine	ND		1660	1140	69	1610	1190	74	4	10-148/86
56-55-3	Benzo(a)anthracene	ND		1660	1020	61	1610	1080	67	6	10-163/88
50-32-8	Benzo(a)pyrene	ND		1660	1040	63	1610	1090	68	5	10-163/89
205-99-2	Benzo(b)fluoranthene	ND		1660	1030	62	1610	1070	67	4	10-156/91
191-24-2	Benzo(g,h,i)perylene	ND		1660	1050	63	1610	1100	68	5	10-158/89
207-08-9	Benzo(k)fluoranthene	ND		1660	945	57	1610	991	62	5	10-157/86
101-55-3	4-Bromophenyl phenyl ether	ND		1660	1050	63	1610	1090	68	4	10-143/87
85-68-7	Butyl benzyl phthalate	ND		1660	1200	72	1610	1290	80	7	10-161/89
92-52-4	1,1'-Biphenyl	ND		1660	901	54	1610	983	61	9	10-143/86
100-52-7	Benzaldehyde	ND		1660	783	47	1610	900	56	14	10-148/88
91-58-7	2-Chloronaphthalene	ND		1660	908	55	1610	993	62	9	10-145/86
106-47-8	4-Chloroaniline	ND		1660	379	23	1610	468	29	21	10-109/87
86-74-8	Carbazole	ND		1660	971	58	1610	1040	65	7	10-158/87
105-60-2	Caprolactam	ND		1660	568	34	1610	621	39	9	10-150/82
218-01-9	Chrysene	ND		1660	976	59	1610	1040	65	6	10-164/87
111-91-1	bis(2-Chloroethoxy)methane	ND		1660	884	53	1610	953	59	8	10-152/86
111-44-4	bis(2-Chloroethyl)ether	ND		1660	789	48	1610	894	56	12	10-147/86

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP70042-MS	CR15732.D	1	12/31/25	RS	12/27/25	OP70042	ECR740
OP70042-MSD	CR15733.D	1	12/31/25	RS	12/27/25	OP70042	ECR740
JE25550-3R	CR15729.D	1	12/30/25	RS	12/27/25	OP70042	ECR740

The QC reported here applies to the following samples: **Method:** SW846 8270E

JE25843-3, JE25843-5, JE25843-6, JE25843-7, JE25843-8, JE25843-9

CAS No.	Compound	JE25550-3R ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
108-60-1	2,2'-Oxybis(1-chloropropane)	ND		1660	814	49	1610	897	56	10	10-134/88
7005-72-3	4-Chlorophenyl phenyl ether	ND		1660	953	57	1610	1020	63	7	10-142/87
121-14-2	2,4-Dinitrotoluene	ND		1660	1050	63	1610	1110	69	6	10-147/86
606-20-2	2,6-Dinitrotoluene	ND		1660	1080	65	1610	1160	72	7	10-147/88
91-94-1	3,3'-Dichlorobenzidine	ND		1660	831	50	1610	946	59	13	10-106/93
123-91-1	1,4-Dioxane	ND		1660	375	23	1610	477	30	24	10-102/85
53-70-3	Dibenzo(a,h)anthracene	ND		1660	1030	62	1610	1100	68	7	10-149/89
132-64-9	Dibenzofuran	ND		1660	926	56	1610	995	62	7	10-155/86
84-74-2	Di-n-butyl phthalate	ND		1660	1100	66	1610	1160	72	5	10-158/86
117-84-0	Di-n-octyl phthalate	ND		1660	1160	70	1610	1200	75	3	10-154/84
84-66-2	Diethyl phthalate	ND		1660	965	58	1610	1040	65	7	10-148/84
131-11-3	Dimethyl phthalate	ND		1660	962	58	1610	1040	65	8	10-144/85
117-81-7	bis(2-Ethylhexyl)phthalate	ND		1660	1210	73	1610	1270	79	5	10-153/84
206-44-0	Fluoranthene	ND		1660	986	59	1610	1050	65	6	10-165/93
86-73-7	Fluorene	ND		1660	928	56	1610	999	62	7	10-158/87
118-74-1	Hexachlorobenzene	ND		1660	999	60	1610	1080	67	8	10-139/85
87-68-3	Hexachlorobutadiene	ND		1660	810	49	1610	906	56	11	10-139/88
77-47-4	Hexachlorocyclopentadiene	ND		3320	1320	40	3210	1430	44	8	10-116/30
67-72-1	Hexachloroethane	ND		1660	725	44	1610	840	52	15	10-141/93
193-39-5	Indeno(1,2,3-cd)pyrene	ND		1660	1050	63	1610	1120	70	6	10-160/91
78-59-1	Isophorone	ND		1660	868	52	1610	936	58	8	10-150/86
91-57-6	2-Methylnaphthalene	ND		1660	902	54	1610	962	60	6	10-145/86
88-74-4	2-Nitroaniline	ND		1660	1050	63	1610	1120	70	6	10-152/77
99-09-2	3-Nitroaniline	ND		1660	972	59	1610	1070	67	10	10-136/83
100-01-6	4-Nitroaniline	ND		1660	1020	61	1610	1100	68	8	10-140/81
91-20-3	Naphthalene	11.5	J	1660	845	50	1610	925	57	9	10-146/87
98-95-3	Nitrobenzene	ND		1660	826	50	1610	902	56	9	10-146/88
621-64-7	N-Nitroso-di-n-propylamine	ND		1660	885	53	1610	967	60	9	10-147/77
86-30-6	N-Nitrosodiphenylamine	ND		1660	1090	66	1610	1150	72	5	10-159/78
85-01-8	Phenanthrene	ND		1660	961	58	1610	1020	63	6	10-158/95
129-00-0	Pyrene	ND		1660	1030	62	1610	1090	68	6	10-176/90
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		1660	912	55	1610	986	61	8	10-137/87

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP70042-MS	CR15732.D	1	12/31/25	RS	12/27/25	OP70042	ECR740
OP70042-MSD	CR15733.D	1	12/31/25	RS	12/27/25	OP70042	ECR740
JE25550-3R	CR15729.D	1	12/30/25	RS	12/27/25	OP70042	ECR740

The QC reported here applies to the following samples: **Method:** SW846 8270E

JE25843-3, JE25843-5, JE25843-6, JE25843-7, JE25843-8, JE25843-9

CAS No.	Surrogate Recoveries	MS	MSD	JE25550-3R	Limits
367-12-4	2-Fluorophenol	54%	61%		10-99%
4165-62-2	Phenol-d5	56%	64%		10-96%
118-79-6	2,4,6-Tribromophenol	64%	71%		10-123%
4165-60-0	Nitrobenzene-d5	52%	59%	39%	10-109%
321-60-8	2-Fluorobiphenyl	57%	65%	44%	11-109%
1718-51-0	Terphenyl-d14	63%	69%	51%	10-120%

(a) Outside of in house control limits.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP70166-MS	6P524744.D	1	12/31/25	AO	12/30/25	OP70166	E6P4544
OP70166-MSD	6P524745.D	1	12/31/25	AO	12/30/25	OP70166	E6P4544
JE25843-2	6P524746.D	1	12/31/25	AO	12/30/25	OP70166	E6P4544
JE25843-2	CR15788.D	5	01/02/26	RS	12/30/25	OP70166	ECR743

The QC reported here applies to the following samples: **Method:** SW846 8270E

JE25843-2

CAS No.	Compound	JE25843-2 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
95-57-8	2-Chlorophenol	ND		2210	933	42	2190	988	45	6	10-137/86
59-50-7	4-Chloro-3-methyl phenol	ND		2210	869	39	2190	1150	52	28	10-146/84
120-83-2	2,4-Dichlorophenol	ND		2210	943	43	2190	1130	52	18	10-145/86
105-67-9	2,4-Dimethylphenol	ND		2210	979	44	2190	1030	47	5	10-148/87
51-28-5	2,4-Dinitrophenol	ND		4430	250	6* [a]	4380	ND	0* [a]	200* [b]	10-118/90
534-52-1	4,6-Dinitro-o-cresol	ND		2210	ND	0* [a]	2190	ND	0* [a]	nc	10-131/97
95-48-7	2-Methylphenol	ND		2210	917	41	2190	1020	47	11	10-143/86
	3&4-Methylphenol	ND		4430	1690	38	4380	2020	46	18	10-162/87
88-75-5	2-Nitrophenol	ND		2210	ND	0* [a]	2190	1020	47	200* [b]	10-147/93
100-02-7	4-Nitrophenol	ND		2210	567	26	2190	1110	51	65	10-152/85
87-86-5	Pentachlorophenol	ND		4430	646	15	4380	1910	44	99* [b]	10-146/89
108-95-2	Phenol	71.4	J	2210	863	36	2190	1030	44	18	10-118/84
58-90-2	2,3,4,6-Tetrachlorophenol	ND		2210	603	27	2190	1060	48	55	10-139/87
95-95-4	2,4,5-Trichlorophenol	ND		2210	735	33	2190	1180	54	46	10-140/86
88-06-2	2,4,6-Trichlorophenol	ND		2210	755	34	2190	1130	52	40	10-141/86
83-32-9	Acenaphthene	1230		2210	2050	37	2190	2130	41	4	10-156/87
208-96-8	Acenaphthylene	23600 [d]		2210	28300	176* [c]	2190	28100	169* [c]	1	10-143/84
98-86-2	Acetophenone	1600		2210	2850	56	2190	1500	-5* [a]	62	10-130/90
120-12-7	Anthracene	3090		2210	3290	9* [a]	2190	3990	41	19	10-166/88
1912-24-9	Atrazine	ND		2210	240	11	2190	781	36	106* [b]	10-148/86
56-55-3	Benzo(a)anthracene	25900 [d]		2210	22600	32	2190	27400	251* [c]	19	10-163/88
50-32-8	Benzo(a)pyrene	44400 [d]		2210	39700	-41* [c]	2190	47100	297* [c]	17	10-163/89
205-99-2	Benzo(b)fluoranthene	40000 [d]		2210	40000	-36* [c]	2190	49900	415* [c]	22	10-156/91
191-24-2	Benzo(g,h,i)perylene	50900 [d]		2210	45100	-68* [c]	2190	ND	-2126* [c]	200* [b]	10-158/89
207-08-9	Benzo(k)fluoranthene	10000 [e]		2210	6780	-12* [c]	2190	8190	52	19	10-157/86
101-55-3	4-Bromophenyl phenyl ether	ND		2210	963	44	2190	1120	51	15	10-143/87
85-68-7	Butyl benzyl phthalate	ND		2210	844	38	2190	1090	50	25	10-161/89
92-52-4	1,1'-Biphenyl	248		2210	1440	54	2190	1270	47	13	10-143/86
100-52-7	Benzaldehyde	986		2210	1770	35	2190	1720	33	3	10-148/88
91-58-7	2-Chloronaphthalene	ND		2210	1070	48	2190	1050	48	2	10-145/86
106-47-8	4-Chloroaniline	ND		2210	186	8* [a]	2190	269	12	36	10-109/87
86-74-8	Carbazole	563		2210	849	13	2190	1360	36	46	10-158/87
105-60-2	Caprolactam	ND		2210	815	37	2190	1120	51	32	10-150/82
218-01-9	Chrysene	19900 [e]		2210	16900	-14* [c]	2190	20000	128	17	10-164/87
111-91-1	bis(2-Chloroethoxy)methane	ND		2210	1060	48	2190	1310	60	21	10-152/86
111-44-4	bis(2-Chloroethyl)ether	ND		2210	833	38	2190	905	41	8	10-147/86

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP70166-MS	6P524744.D	1	12/31/25	AO	12/30/25	OP70166	E6P4544
OP70166-MSD	6P524745.D	1	12/31/25	AO	12/30/25	OP70166	E6P4544
JE25843-2	6P524746.D	1	12/31/25	AO	12/30/25	OP70166	E6P4544
JE25843-2	CR15788.D	5	01/02/26	RS	12/30/25	OP70166	ECR743

The QC reported here applies to the following samples: **Method:** SW846 8270E

JE25843-2

CAS No.	Compound	JE25843-2 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
108-60-1	2,2'-Oxybis(1-chloropropane)	ND		2210	1090	49	2190	1020	47	7	10-134/88
7005-72-3	4-Chlorophenyl phenyl ether	ND		2210	1030	47	2190	1060	48	3	10-142/87
121-14-2	2,4-Dinitrotoluene	ND		2210	443	20	2190	1170	53	90* [b]	10-147/86
606-20-2	2,6-Dinitrotoluene	ND		2210	122	6* [a]	2190	1110	51	160* [b]	10-147/88
91-94-1	3,3'-Dichlorobenzidine	ND		2210	252	11	2190	293	13	15	10-106/93
123-91-1	1,4-Dioxane	ND		2210	495	22	2190	429	20	14	10-102/85
53-70-3	Dibenzo(a,h)anthracene	4590 [e]		2210	3070	-178* [c]	2190	9680	122	104* [b]	10-149/89
132-64-9	Dibenzofuran	261		2210	1090	37	2190	1480	56	30	10-155/86
84-74-2	Di-n-butyl phthalate	32.0	J	2210	899	39	2190	1100	49	20	10-158/86
117-84-0	Di-n-octyl phthalate	ND		2210	1000	45	2190	1290	59	25	10-154/84
84-66-2	Diethyl phthalate	ND		2210	718	32	2190	1060	48	38	10-148/84
131-11-3	Dimethyl phthalate	ND		2210	509	23	2190	1060	48	70	10-144/85
117-81-7	bis(2-Ethylhexyl)phthalate	1430		2210	2800	62	2190	2730	59	3	10-153/84
206-44-0	Fluoranthene	32200 [d]		2210	26600	-104* [c]	2190	31400	114	17	10-165/93
86-73-7	Fluorene	828		2210	1760	42	2190	1870	48	6	10-158/87
118-74-1	Hexachlorobenzene	ND		2210	940	42	2190	1080	49	14	10-139/85
87-68-3	Hexachlorobutadiene	ND		2210	1040	47	2190	1020	47	2	10-139/88
77-47-4	Hexachlorocyclopentadiene	ND		4430	ND	0* [a]	4380	ND	0* [a]	nc	10-116/30
67-72-1	Hexachloroethane	ND		2210	281	13	2190	683	31	83	10-141/93
193-39-5	Indeno(1,2,3-cd)pyrene	32700 [d]		2210	25600	-18* [c]	2190	32400	292* [c]	23	10-160/91
78-59-1	Isophorone	ND		2210	1020	46	2190	1020	47	0	10-150/86
91-57-6	2-Methylnaphthalene	ND		2210	806	36	2190	1350	62	50	10-145/86
88-74-4	2-Nitroaniline	ND		2210	492	22	2190	1230	56	86* [b]	10-152/77
99-09-2	3-Nitroaniline	ND		2210	128	6* [a]	2190	390	18	101* [b]	10-136/83
100-01-6	4-Nitroaniline	ND		2210	529	24	2190	811	37	42	10-140/81
91-20-3	Naphthalene	2460		2210	4180	78	2190	2300	-7* [a]	58	10-146/87
98-95-3	Nitrobenzene	ND		2210	931	42	2190	1140	52	20	10-146/88
621-64-7	N-Nitroso-di-n-propylamine	ND		2210	1080	49	2190	995	45	8	10-147/77
86-30-6	N-Nitrosodiphenylamine	ND		2210	1020	46	2190	1290	59	23	10-159/78
85-01-8	Phenanthrene	5720 [e]		2210	3720	-56* [c]	2190	4410	-25* [c]	17	10-158/95
129-00-0	Pyrene	57600 [d]		2210	49700	41	2190	54700	269* [c]	10	10-176/90
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		2210	1120	51	2190	1080	49	4	10-137/87

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP70166-MS	6P524744.D	1	12/31/25	AO	12/30/25	OP70166	E6P4544
OP70166-MSD	6P524745.D	1	12/31/25	AO	12/30/25	OP70166	E6P4544
JE25843-2	6P524746.D	1	12/31/25	AO	12/30/25	OP70166	E6P4544
JE25843-2	CR15788.D	5	01/02/26	RS	12/30/25	OP70166	ECR743

The QC reported here applies to the following samples: **Method:** SW846 8270E

JE25843-2

CAS No.	Surrogate Recoveries	MS	MSD	JE25843-2	JE25843-2	Limits
367-12-4	2-Fluorophenol	42%	45%	34%	39%	10-99%
4165-62-2	Phenol-d5	37%	45%	34%	40%	10-96%
118-79-6	2,4,6-Tribromophenol	26%	53%	25%	27%	10-123%
4165-60-0	Nitrobenzene-d5	33%	44%	20%	23%	10-109%
321-60-8	2-Fluorobiphenyl	53%	49%	38%	42%	11-109%
1718-51-0	Terphenyl-d14	37%	45%	35%	45%	10-120%

(a) Outside of in house control limits.
(b) Analytical precision exceeds in-house control limits.
(c) Outside control limits due to high level in sample relative to spike amount.
(d) Result is from Run #3.
(e) Result is from Run #2.

* = Outside of Control Limits.

Instrument Performance Check (DFTPP)

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample: E6P4525-DFTPP
Lab File ID: 6P524292.D
Instrument ID: GCMS6P
Injection Date: 12/05/25
Injection Time: 13:04

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	27600	51.4		Pass
68	Less than 2.0% of mass 69	255	0.47	(1.06) [a]	Pass
69	Mass 69 relative abundance	24115	44.9		Pass
70	Less than 2.0% of mass 69	0	0.00	(0.00) [a]	Pass
127	40.0 - 60.0% of mass 198	30461	56.7		Pass
197	Less than 1.0% of mass 198	0	0.00		Pass
198	Base peak, 100% relative abundance	53701	100.0		Pass
199	5.0 - 9.0% of mass 198	3500	6.52		Pass
275	10.0 - 30.0% of mass 198	12225	22.8		Pass
365	1.0 - 100.0% of mass 198	1461	2.72		Pass
441	Present, but less than mass 443	4561	8.49	(91.2) [b]	Pass
442	40.0 - 100.0% of mass 198	26699	49.7		Pass
443	17.0 - 23.0% of mass 442	5003	9.32	(18.7) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
E6P4525-IC4525	6P524294.D	12/05/25	14:24	01:20	Initial cal 1
E6P4525-IC4525	6P524295.D	12/05/25	14:43	01:39	Initial cal 2
E6P4525-IC4525	6P524296.D	12/05/25	15:01	01:57	Initial cal 5
E6P4525-IC4525	6P524297.D	12/05/25	15:20	02:16	Initial cal 10
E6P4525-IC4525	6P524298.D	12/05/25	15:39	02:35	Initial cal 25
E6P4525-ICC4525	6P524299.D	12/05/25	15:57	02:53	Initial cal 50
E6P4525-IC4525	6P524300.D	12/05/25	16:16	03:12	Initial cal 80
E6P4525-IC4525	6P524301.D	12/05/25	16:35	03:31	Initial cal 100
E6P4525-IC4525	6P524302.D	12/05/25	16:54	03:50	Initial cal 1
E6P4525-IC4525	6P524303.D	12/05/25	17:12	04:08	Initial cal 2
E6P4525-IC4525	6P524304.D	12/05/25	17:31	04:27	Initial cal 5
E6P4525-IC4525	6P524305.D	12/05/25	17:50	04:46	Initial cal 10
E6P4525-IC4525	6P524306.D	12/05/25	18:09	05:05	Initial cal 25
E6P4525-IC4525	6P524307.D	12/05/25	18:27	05:23	Initial cal 50
E6P4525-IC4525	6P524308.D	12/05/25	18:46	05:42	Initial cal 80
E6P4525-IC4525	6P524309.D	12/05/25	19:05	06:01	Initial cal 100
E6P4525-ICV4525	6P524310.D	12/05/25	19:23	06:19	Initial cal verification 50
E6P4525-ICV4525	6P524311.D	12/05/25	19:42	06:38	Initial cal verification 50

Instrument Performance Check (DFTPP)

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample:	E6P4527-DFTPP	**Injection Date:**	12/09/25
Lab File ID:	6P524340.D	**Injection Time:**	10:44
Instrument ID:	GCMS6P		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	25051	46.3		Pass
68	Less than 2.0% of mass 69	361	0.67	(1.57) [a]	Pass
69	Mass 69 relative abundance	22969	42.5		Pass
70	Less than 2.0% of mass 69	0	0.00	(0.00) [a]	Pass
127	40.0 - 60.0% of mass 198	29016	53.6		Pass
197	Less than 1.0% of mass 198	0	0.00		Pass
198	Base peak, 100% relative abundance	54085	100.0		Pass
199	5.0 - 9.0% of mass 198	3457	6.39		Pass
275	10.0 - 30.0% of mass 198	12783	23.6		Pass
365	1.0 - 100.0% of mass 198	1443	2.67		Pass
441	Present, but less than mass 443	4708	8.70	(79.4) [b]	Pass
442	40.0 - 100.0% of mass 198	28817	53.3		Pass
443	17.0 - 23.0% of mass 442	5933	11.0	(20.6) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
E6P4527-ICV4525	6P524341.D	12/09/25	10:58	00:14	Initial cal verification 50
E6P4528-CC4525	6P524343.D	12/09/25	13:17	02:33	Continuing cal 50
E6P4528-CC4525	6P524344.D	12/09/25	13:36	02:52	Continuing cal 50
OP69566-MB1	6P524346.D	12/09/25	14:13	03:29	Method Blank
OP69566-BS1	6P524347.D	12/09/25	14:32	03:48	Blank Spike
OP69566-MS	6P524348.D	12/09/25	14:50	04:06	Matrix Spike
OP69566-MSD	6P524349.D	12/09/25	15:09	04:25	Matrix Spike Duplicate
JE24609-1	6P524350.D	12/09/25	15:28	04:44	(used for QC only; not part of job JE25843)
ZZZZZZ	6P524351.D	12/09/25	15:47	05:03	(unrelated sample)
ZZZZZZ	6P524352.D	12/09/25	16:05	05:21	(unrelated sample)
JE24609-4	6P524353.D	12/09/25	16:24	05:40	(used for QC only; not part of job JE25843)
ZZZZZZ	6P524354.D	12/09/25	16:43	05:59	(unrelated sample)
ZZZZZZ	6P524355.D	12/09/25	17:01	06:17	(unrelated sample)
ZZZZZZ	6P524356.D	12/09/25	17:20	06:36	(unrelated sample)
ZZZZZZ	6P524357.D	12/09/25	17:39	06:55	(unrelated sample)
ZZZZZZ	6P524358.D	12/09/25	17:58	07:14	(unrelated sample)
ZZZZZZ	6P524359.D	12/09/25	18:16	07:32	(unrelated sample)
ZZZZZZ	6P524360.D	12/09/25	18:35	07:51	(unrelated sample)
ZZZZZZ	6P524361.D	12/09/25	18:54	08:10	(unrelated sample)

Instrument Performance Check (DFTPP)

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample:	E6P4527-DFTPP	**Injection Date:**	12/09/25
Lab File ID:	6P524340.D	**Injection Time:**	10:44
Instrument ID:	GCMS6P		

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
ZZZZZZ	6P524362.D	12/09/25	19:13	08:29	(unrelated sample)
ZZZZZZ	6P524363.D	12/09/25	19:31	08:47	(unrelated sample)
ZZZZZZ	6P524364.D	12/09/25	19:50	09:06	(unrelated sample)
ZZZZZZ	6P524365.D	12/09/25	20:09	09:25	(unrelated sample)
ZZZZZZ	6P524366.D	12/09/25	20:28	09:44	(unrelated sample)
ZZZZZZ	6P524367.D	12/09/25	20:46	10:02	(unrelated sample)
ZZZZZZ	6P524368.D	12/09/25	21:05	10:21	(unrelated sample)
ZZZZZZ	6P524369.D	12/09/25	21:23	10:39	(unrelated sample)
E6P4529-CC4525	6P524376.D	12/10/25	10:26	23:42	Continuing cal 50
E6P4529-CC4525	6P524377.D	12/10/25	10:45	24:01	Continuing cal 50

Instrument Performance Check (DFTPP)

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample:	ECR730-DFTPP	**Injection Date:**	12/10/25
Lab File ID:	CR15412.D	**Injection Time:**	17:11
Instrument ID:	GCMSCR		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	36746	37.3		Pass
68	Less than 2.0% of mass 69	0	0.00	(0.00) [a]	Pass
69	Mass 69 relative abundance	44672	45.4		Pass
70	Less than 2.0% of mass 69	118	0.12	(0.26) [a]	Pass
127	40.0 - 60.0% of mass 198	48754	49.5		Pass
197	Less than 1.0% of mass 198	0	0.00		Pass
198	Base peak, 100% relative abundance	98467	100.0		Pass
199	5.0 - 9.0% of mass 198	6547	6.65		Pass
275	10.0 - 31.0% of mass 198	24932	25.3		Pass
365	1.0 - 100.0% of mass 198	3128	3.18		Pass
441	Present, but less than mass 443	10339	10.5	(88.4) [b]	Pass
442	40.0 - 100.0% of mass 198	59683	60.6		Pass
443	17.0 - 23.0% of mass 442	11702	11.9	(19.6) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
ECR730-IC730	CR15413.D	12/10/25	17:21	00:10	Initial cal 1
ECR730-IC730	CR15414.D	12/10/25	17:41	00:30	Initial cal 2
ECR730-IC730	CR15415.D	12/10/25	18:00	00:49	Initial cal 5
ECR730-IC730	CR15416.D	12/10/25	18:20	01:09	Initial cal 10
ECR730-IC730	CR15417.D	12/10/25	18:39	01:28	Initial cal 25
ECR730-ICC730	CR15418.D	12/10/25	18:59	01:48	Initial cal 50
ECR730-IC730	CR15419.D	12/10/25	19:18	02:07	Initial cal 80
ECR730-IC730	CR15420.D	12/10/25	19:37	02:26	Initial cal 100
ECR730-IC730	CR15421.D	12/10/25	19:57	02:46	Initial cal 1
ECR730-IC730	CR15422.D	12/10/25	20:16	03:05	Initial cal 2
ECR730-IC730	CR15423.D	12/10/25	20:36	03:25	Initial cal 5
ECR730-IC730	CR15424.D	12/10/25	20:55	03:44	Initial cal 10
ECR730-IC730	CR15425.D	12/10/25	21:15	04:04	Initial cal 25
ECR730-IC730	CR15426.D	12/10/25	21:34	04:23	Initial cal 50
ECR730-IC730	CR15427.D	12/10/25	21:54	04:43	Initial cal 80
ECR730-IC730	CR15428.D	12/10/25	22:13	05:02	Initial cal 100
ECR730-ICV730	CR15429.D	12/10/25	22:32	05:21	Initial cal verification 50
ECR730-ICV730	CR15430.D	12/10/25	22:52	05:41	Initial cal verification 50

Instrument Performance Check (DFTPP)

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample:	EF10105-DFTPP	**Injection Date:**	08/04/25
Lab File ID:	F227378.D	**Injection Time:**	11:21
Instrument ID:	GCMSF		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	12623	44.6		Pass
68	Less than 2.0% of mass 69	0	0.00	(0.00) [a]	Pass
69	Mass 69 relative abundance	12628	44.7		Pass
70	Less than 2.0% of mass 69	51	0.18	(0.40) [a]	Pass
127	40.0 - 60.0% of mass 198	14761	52.2		Pass
197	Less than 1.0% of mass 198	0	0.00		Pass
198	Base peak, 100% relative abundance	28274	100.0		Pass
199	5.0 - 9.0% of mass 198	1940	6.86		Pass
275	10.0 - 30.0% of mass 198	7381	26.1		Pass
365	1.0 - 100.0% of mass 198	787	2.78		Pass
441	Present, but less than mass 443	2682	9.49	(82.5) [b]	Pass
442	40.0 - 100.0% of mass 198	16478	58.3		Pass
443	17.0 - 23.0% of mass 442	3252	11.5	(19.7) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
EF10105-IC10105	F227379.D	08/04/25	11:58	00:37	Initial cal 2
EF10105-IC10105	F227380.D	08/04/25	12:42	01:21	Initial cal 1
EF10105-IC10105	F227381.D	08/04/25	13:05	01:44	Initial cal 5
EF10105-IC10105	F227382.D	08/04/25	13:29	02:08	Initial cal 10
EF10105-IC10105	F227383.D	08/04/25	13:53	02:32	Initial cal 25
EF10105-ICC10105	F227384.D	08/04/25	14:17	02:56	Initial cal 50
EF10105-IC10105	F227385.D	08/04/25	14:41	03:20	Initial cal 80
EF10105-IC10105	F227386.D	08/04/25	15:05	03:44	Initial cal 100
EF10105-IC10105	F227387.D	08/04/25	15:29	04:08	Initial cal 1
EF10105-IC10105	F227388.D	08/04/25	15:52	04:31	Initial cal 2
EF10105-IC10105	F227389.D	08/04/25	16:16	04:55	Initial cal 5
EF10105-IC10105	F227390.D	08/04/25	16:39	05:18	Initial cal 10
EF10105-IC10105	F227391.D	08/04/25	17:03	05:42	Initial cal 25
EF10105-IC10105	F227392.D	08/04/25	17:28	06:07	Initial cal 50
EF10105-IC10105	F227393.D	08/04/25	17:52	06:31	Initial cal 80
EF10105-IC10105	F227394.D	08/04/25	18:16	06:55	Initial cal 100
EF10105-IC10105	F227395.D	08/04/25	18:40	07:19	Initial cal 1
EF10105-IC10105	F227396.D	08/04/25	19:05	07:44	Initial cal 2
EF10105-IC10105	F227397.D	08/04/25	19:29	08:08	Initial cal 5

Instrument Performance Check (DFTPP)

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample:	EF10105-DFTPP	**Injection Date:**	08/04/25
Lab File ID:	F227378.D	**Injection Time:**	11:21
Instrument ID:	GCMSF		

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
EF10105-IC10105	F227398.D	08/04/25	19:53	08:32	Initial cal 10
EF10105-IC10105	F227399.D	08/04/25	20:18	08:57	Initial cal 25
EF10105-IC10105	F227400.D	08/04/25	20:42	09:21	Initial cal 50
EF10105-IC10105	F227401.D	08/04/25	21:06	09:45	Initial cal 80
EF10105-IC10105	F227402.D	08/04/25	21:30	10:09	Initial cal 100
EF10105-ICV10105	F227403.D	08/04/25	21:54	10:33	Initial cal verification 50

Instrument Performance Check (DFTPP)

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample:	EF10106-DFTPP	**Injection Date:**	08/05/25
Lab File ID:	F227404.D	**Injection Time:**	09:45
Instrument ID:	GCMSF		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	14921	43.2		Pass
68	Less than 2.0% of mass 69	0	0.00	(0.00) [a]	Pass
69	Mass 69 relative abundance	15081	43.6		Pass
70	Less than 2.0% of mass 69	0	0.00	(0.00) [a]	Pass
127	40.0 - 60.0% of mass 198	17836	51.6		Pass
197	Less than 1.0% of mass 198	0	0.00		Pass
198	Base peak, 100% relative abundance	34562	100.0		Pass
199	5.0 - 9.0% of mass 198	2379	6.88		Pass
275	10.0 - 30.0% of mass 198	8784	25.4		Pass
365	1.0 - 100.0% of mass 198	886	2.56		Pass
441	Present, but less than mass 443	3170	9.17	(77.3) [b]	Pass
442	40.0 - 100.0% of mass 198	21100	61.0		Pass
443	17.0 - 23.0% of mass 442	4100	11.9	(19.4) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
EF10106-ICV10105	F227405.D	08/05/25	09:56	00:11	Initial cal verification 50

Instrument Performance Check (DFTPP)

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample:	EF10107-DFTPP	**Injection Date:**	08/06/25
Lab File ID:	F227408.D	**Injection Time:**	15:36
Instrument ID:	GCMSF		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	14646	40.5		Pass
68	Less than 2.0% of mass 69	0	0.00	(0.00) [a]	Pass
69	Mass 69 relative abundance	14372	39.7		Pass
70	Less than 2.0% of mass 69	0	0.00	(0.00) [a]	Pass
127	40.0 - 60.0% of mass 198	17934	49.5		Pass
197	Less than 1.0% of mass 198	0	0.00		Pass
198	Base peak, 100% relative abundance	36204	100.0		Pass
199	5.0 - 9.0% of mass 198	2449	6.76		Pass
275	10.0 - 30.0% of mass 198	9736	26.9		Pass
365	1.0 - 100.0% of mass 198	1116	3.08		Pass
441	Present, but less than mass 443	3862	10.7	(88.2) [b]	Pass
442	40.0 - 100.0% of mass 198	23547	65.0		Pass
443	17.0 - 23.0% of mass 442	4380	12.1	(18.6) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
EF10107-ICV10105	F227413.D	08/06/25	17:52	02:16	Initial cal verification 50
ZZZZZZ	F227414.D	08/06/25	18:16	02:40	(unrelated sample)

Instrument Performance Check (DFTPP)

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample: EF10217-DFTPP
Lab File ID: F230082.D
Instrument ID: GCMSF
Injection Date: 12/29/25
Injection Time: 07:46

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	9931	48.7		Pass
68	Less than 2.0% of mass 69	0	0.00	(0.00) [a]	Pass
69	Mass 69 relative abundance	9487	46.5		Pass
70	Less than 2.0% of mass 69	0	0.00	(0.00) [a]	Pass
127	40.0 - 60.0% of mass 198	10777	52.8		Pass
197	Less than 1.0% of mass 198	0	0.00		Pass
198	Base peak, 100% relative abundance	20392	100.0		Pass
199	5.0 - 9.0% of mass 198	1412	6.92		Pass
275	10.0 - 30.0% of mass 198	4534	22.2		Pass
365	1.0 - 100.0% of mass 198	445	2.18		Pass
441	Present, but less than mass 443	1654	8.11	(82.7) [b]	Pass
442	40.0 - 100.0% of mass 198	10295	50.5		Pass
443	17.0 - 23.0% of mass 442	2000	9.81	(19.4) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
EF10217-CC10105	F230083.D	12/29/25	07:58	00:12	Continuing cal 50
EF10217-CC10105	F230084.D	12/29/25	08:22	00:36	Continuing cal 50
EF10217-CC10105	F230085.D	12/29/25	08:47	01:01	Continuing cal 50
OP70050B-MB1	F230089.D	12/29/25	14:58	07:12	Method Blank
OP70050-MB1	F230089.D	12/29/25	14:58	07:12	Method Blank
OP70106B-MB1	F230090.D	12/29/25	15:22	07:36	Method Blank
JE25843-1	F230091.D	12/29/25	15:46	08:00	FB01-122325
OP70050-BS1	F230092.D	12/29/25	16:10	08:24	Blank Spike
OP70050B-BS1	F230092.D	12/29/25	16:10	08:24	Blank Spike
OP70050-BSD	F230093.D	12/29/25	16:34	08:48	Blank Spike Duplicate
OP70050B-BSD	F230093.D	12/29/25	16:34	08:48	Blank Spike Duplicate
OP70050B-BS13	F230094.D	12/29/25	16:57	09:11	Blank Spike
OP70106B-BS1	F230095.D	12/29/25	17:21	09:35	Blank Spike
OP70106B-BSD	F230096.D	12/29/25	17:45	09:59	Blank Spike Duplicate
ZZZZZZ	F230097.D	12/29/25	18:09	10:23	(unrelated sample)
ZZZZZZ	F230098.D	12/29/25	18:33	10:47	(unrelated sample)
ZZZZZZ	F230099.D	12/29/25	18:57	11:11	(unrelated sample)
ZZZZZZ	F230100.D	12/29/25	19:21	11:35	(unrelated sample)
ZZZZZZ	F230101.D	12/29/25	19:45	11:59	(unrelated sample)

Surrogate Recovery Summary

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Method: SW846 8270E **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4	S5	S6
JE25843-1	F230091.D	36	23	82	66	64	70
OP70050-BS1	F230092.D	33	23	73	57	61	55
OP70050-BSD	F230093.D	38	28	100	67	70	82
OP70050-MB1	F230089.D	24	14	67	47	45	79

Surrogate Compounds	Recovery Limits
S1 = 2-Fluorophenol	10-71%
S2 = Phenol-d5	10-58%
S3 = 2,4,6-Tribromophenol	22-144%
S4 = Nitrobenzene-d5	28-118%
S5 = 2-Fluorobiphenyl	34-116%
S6 = Terphenyl-d14	10-127%

Surrogate Recovery Summary

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Method: SW846 8270E **Matrix:** SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4	S5	S6
JE25843-2	CR15788.D	39	40	27	23	42	45
JE25843-2	CR15791.D	35	38	0* [a]	27	40	43
JE25843-2	6P524746.D	34	34	25	20	38	35
JE25843-3	6P524711.D	47	51	75	45	58	71
JE25843-5	6P524712.D	52	59	86	51	70	77
JE25843-6	CR15743.D	63	64	80	61	70	82
JE25843-6	CR15744.D	0* [a]	0* [a]	0* [a]	0* [a]	0* [a]	0* [a]
JE25843-7	6P524714.D	58	58	77	56	62	60
JE25843-8	CR15739.D	37	47	57	42	62	80
JE25843-9	CR15740.D	38	49	45	43	59	66
OP70042-BS1	CR15709.D	70	71	84	68	72	79
OP70042-MB1	CR15707.D	73	74	73	70	72	82
OP70042-MS	CR15732.D	54	56	64	52	57	63
OP70042-MSD	CR15733.D	61	64	71	59	65	69
OP70166-BS1	6P524736.D	61	60	75	57	64	70
OP70166-MB1	6P524735.D	66	65	81	61	68	79
OP70166-MS	6P524744.D	42	37	26	33	53	37
OP70166-MSD	6P524745.D	45	45	53	44	49	45

Surrogate Compounds	Recovery Limits
S1 = 2-Fluorophenol	10-99%
S2 = Phenol-d5	10-96%
S3 = 2,4,6-Tribromophenol	10-123%
S4 = Nitrobenzene-d5	10-109%
S5 = 2-Fluorobiphenyl	11-109%
S6 = Terphenyl-d14	10-120%

(a) Outside control limits due to dilution.

GC/LC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP70109-MB1	RL33755.D	1	12/29/25	AS	12/26/25	OP70109	GRL864

The QC reported here applies to the following samples: **Method:** SW846 8082A

JE25843-9

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	20	8.5	ug/kg	
11104-28-2	Aroclor 1221	ND	20	6.7	ug/kg	
11141-16-5	Aroclor 1232	ND	20	17	ug/kg	
53469-21-9	Aroclor 1242	ND	20	12	ug/kg	
12672-29-6	Aroclor 1248	ND	20	4.3	ug/kg	
11097-69-1	Aroclor 1254	ND	20	2.2	ug/kg	
11096-82-5	Aroclor 1260	ND	20	6.9	ug/kg	
11100-14-4	Aroclor 1268	ND	20	2.0	ug/kg	
37324-23-5	Aroclor 1262	ND	20	1.7	ug/kg	
1336-36-3	Total PCBs	ND	20	1.7	ug/kg	

CAS No.	Surrogate Recoveries		Limits
877-09-8	Tetrachloro-m-xylene	83%	35-154%
877-09-8	Tetrachloro-m-xylene	76%	35-154%
2051-24-3	Decachlorobiphenyl	48%	24-176%
2051-24-3	Decachlorobiphenyl	47%	24-176%

Blank Spike Summary

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP70109-BS1	RL33756.D	1	12/29/25	AS	12/26/25	OP70109	GRL864

The QC reported here applies to the following samples: **Method:** SW846 8082A

JE25843-9

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
12674-11-2	Aroclor 1016	40	36.8	92 [a]	64-128
11104-28-2	Aroclor 1221		ND		50-150
11141-16-5	Aroclor 1232		ND		50-150
53469-21-9	Aroclor 1242		ND		50-150
12672-29-6	Aroclor 1248		ND		50-150
11097-69-1	Aroclor 1254		ND		50-150
11096-82-5	Aroclor 1260	40	38.9	97 [a]	62-132
11100-14-4	Aroclor 1268		ND		50-150
37324-23-5	Aroclor 1262		ND		50-150
1336-36-3	Total PCBs		75.7		50-150

CAS No.	Surrogate Recoveries	BSP	Limits
877-09-8	Tetrachloro-m-xylene	85%	35-154%
877-09-8	Tetrachloro-m-xylene	76%	35-154%
2051-24-3	Decachlorobiphenyl	48%	24-176%
2051-24-3	Decachlorobiphenyl	48%	24-176%

(a) Reported from the 1st signal. The %D of the CCV on the 2nd signal exceeds the method criteria of 20%, so it being used for confirmation only.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP70109-MS	RL33757.D	1	12/29/25	AS	12/26/25	OP70109	GRL864
OP70109-MSD	RL33758.D	1	12/29/25	AS	12/26/25	OP70109	GRL864
JE25909-1	RL33760.D	1	12/29/25	AS	12/26/25	OP70109	GRL864

The QC reported here applies to the following samples: **Method:** SW846 8082A

JE25843-9

CAS No.	Compound	JE25909-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
12674-11-2	Aroclor 1016	ND		52.1	37.8	73	51.1	34.9	68	8	26-163/38
11104-28-2	Aroclor 1221	ND			ND			ND		nc	50-150/30
11141-16-5	Aroclor 1232	ND			ND			ND		nc	50-150/30
53469-21-9	Aroclor 1242	ND			ND			ND		nc	50-150/30
12672-29-6	Aroclor 1248	ND			ND			ND		nc	10-235/18
11097-69-1	Aroclor 1254	ND			ND			ND		nc	10-214/28
11096-82-5	Aroclor 1260	670		52.1	614	8* [a]	51.1	650	78	6	16-173/39
11100-14-4	Aroclor 1268	ND			ND			ND		nc	50-150/30
37324-23-5	Aroclor 1262	ND			ND			ND		nc	10-153/15
1336-36-3	Total PCBs	670			652			685		5	50-150/40

CAS No.	Surrogate Recoveries	MS	MSD	JE25909-1	Limits
877-09-8	Tetrachloro-m-xylene	81%	79%	78%	35-154%
877-09-8	Tetrachloro-m-xylene	75%	73%	72%	35-154%
2051-24-3	Decachlorobiphenyl	57%	45%	43%	24-176%
2051-24-3	Decachlorobiphenyl	59%	50%	65%	24-176%

(a) Outside control limits due to high level in sample relative to spike amount.

* = Outside of Control Limits.

Surrogate Recovery Summary

Job Number: JE25843
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Method: SW846 8082A **Matrix:** SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]	S1 [b]	S2 [a]	S2 [b]
JE25843-9	RL33759.D	81	73	43	41
OP70109-BS1	RL33756.D	85	76	48	48
OP70109-MB1	RL33755.D	83	76	48	47
OP70109-MS	RL33757.D	81	75	57	59
OP70109-MSD	RL33758.D	79	73	45	50

Surrogate Compounds	Recovery Limits
S1 = Tetrachloro-m-xylene	35-154%
S2 = Decachlorobiphenyl	24-176%

(a) Recovery from GC signal #1
(b) Recovery from GC signal #2

Metals Analysis

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JE25843
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59518 Methods: SW846 7470A
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 12/24/25

Metal	RL	IDL	MDL	MB raw	final
Mercury	0.20	.04	.095	-0.016	<0.20

Associated samples MP59518: JE25843-1

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JE25843
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59518
Matrix Type: AQUEOUS

Methods: SW846 7470A
Units: ug/l

Prep Date: 12/24/25

Metal	JE25756-1 Original	MS	Spikelot HGPW3	% Rec	QC Limits
Mercury	0.0	2.2	2	110.0	75-125

Associated samples MP59518: JE25843-1

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JE25843
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59518 Methods: SW846 7470A
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 12/24/25

Metal	JE25756-1 Original	MSD	Spikelot HGPW3	% Rec	MSD RPD	QC Limit
Mercury	0.0	2.2	2	110.0	0.0	20

Associated samples MP59518: JE25843-1

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JE25843
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59518
Matrix Type: AQUEOUS

Methods: SW846 7470A
Units: ug/l

Prep Date: 12/24/25

Metal	BSP Result	Spikelot HGPW3	% Rec	QC Limits
Mercury	2.0	2	100.0	80-120

Associated samples MP59518: JE25843-1

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JE25843
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59528
Matrix Type: AQUEOUS

Methods: SW846 6010D
Units: ug/l

Prep Date: 12/26/25

Metal	RL	IDL	MDL	MB raw	final
Aluminum	200	9.2	150	-8.9	<200
Antimony	6.0	1.7	4.7	0.90	<6.0
Arsenic	3.0	2.1	2.8	1.1	<3.0
Barium	200	.2	13	-0.40	<200
Beryllium	1.0	.2	.5	-0.20	<1.0
Bismuth	20	2.3	8.6		
Boron	100	1.8	10		
Cadmium	3.0	.3	1	0.20	<3.0
Calcium	5000	6.6	99	-17	<5000
Cerium	100				
Chromium	10	.3	2	-0.20	<10
Cobalt	50	.4	2.6	-0.20	<50
Copper	10	.7	5.9	-1.3	<10
Iron	100	3.3	32	-5.1	<100
Lead	3.0	1.1	1.8	1.1	<3.0
Lithium	50	1.5	7.3		
Magnesium	5000	25	140	10.4	<5000
Manganese	15	.1	1.4	-0.40	<15
Molybdenum	20	.6	3.6		
Nickel	10	.4	1.7	0.0	<10
Phosphorus	50	1.2	18		
Potassium	10000	35	200	15.1	<10000
Selenium	10	3.2	4.9	0.0	<10
Silicon	200	1.7	32		
Silver	10	.6	6.1	-0.30	<10
Sodium	10000	14	570	-68	<10000
Strontium	10	.1	2.7		
Sulfur	50	3	45		
Thallium	10	1.8	1.8	-0.50	<10
Tin	10	.8	3.7		
Titanium	10	.5	2.5		
Tungsten	50	1.3	40		
Vanadium	50	.5	1.8	0.0	<50

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JE25843
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59528
Matrix Type: AQUEOUS

Methods: SW846 6010D
Units: ug/l

Prep Date: 12/26/25

Metal	RL	IDL	MDL	MB raw	final
Zinc	20	.1	6.9	0.10	<20
Zirconium	10	.3	4.1		

Associated samples MP59528: JE25843-1

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JE25843
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59528
Matrix Type: AQUEOUS

Methods: SW846 6010D
Units: ug/l

Prep Date: 12/26/25

Metal	JE25849-1 Original	MS	Spikelot MPSPK2	% Rec	QC Limits
Aluminum	0.0	24300	25000	97.2	75-125
Antimony	3.0	2020	2000	100.9	75-125
Arsenic	0.0	2050	2000	102.5	75-125
Barium	112	2170	2000	102.9	75-125
Beryllium	0.0	1980	2000	99.0	75-125
Bismuth					
Boron					
Cadmium	0.40	1970	2000	98.5	75-125
Calcium	31900	55100	25000	92.8	75-125
Cerium					
Chromium	0.0	2030	2000	101.5	75-125
Cobalt	2.1	1980	2000	98.9	75-125
Copper	0.0	1880	2000	94.0	75-125
Iron	29.2	24600	25000	98.3	75-125
Lead	0.0	1980	2000	99.0	75-125
Lithium					
Magnesium	4260	29300	25000	100.2	75-125
Manganese	127	2250	2000	106.2	75-125
Molybdenum					
Nickel	14.7	2090	2000	103.8	75-125
Phosphorus					
Potassium	9200	32300	25000	92.4	75-125
Selenium	0.0	2030	2000	101.5	75-125
Silicon					
Silver	0.0	245	250	98.0	75-125
Sodium	4310	28700	25000	97.6	75-125
Strontium					
Sulfur					
Thallium	0.0	1950	2000	97.5	75-125
Tin					
Titanium					
Tungsten					
Vanadium	0.70	2070	2000	103.5	75-125

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JE25843
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59528
Matrix Type: AQUEOUS

Methods: SW846 6010D
Units: ug/l

Prep Date: 12/26/25

Metal	JE25849-1 Original	MS	Spikelot MPSPK2	% Rec	QC Limits
Zinc	4.0	1970	2000	98.3	75-125
Zirconium					

Associated samples MP59528: JE25843-1

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JE25843
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59528
Matrix Type: AQUEOUS

Methods: SW846 6010D
Units: ug/l

Prep Date: 12/26/25

Metal	JE25849-1 Original	MSD	Spikelot MPSPK2	% Rec	MSD RPD	QC Limit
Aluminum	0.0	24200	25000	96.8	0.4	20
Antimony	3.0	2050	2000	102.4	1.5	20
Arsenic	0.0	2080	2000	104.0	1.5	20
Barium	112	2170	2000	102.9	0.0	20
Beryllium	0.0	1960	2000	98.0	1.0	20
Bismuth						
Boron						
Cadmium	0.40	2000	2000	100.0	1.5	20
Calcium	31900	54900	25000	92.0	0.4	20
Cerium						
Chromium	0.0	2030	2000	101.5	0.0	20
Cobalt	2.1	2010	2000	100.4	1.5	20
Copper	0.0	1890	2000	94.5	0.5	20
Iron	29.2	25300	25000	101.1	2.8	20
Lead	0.0	2010	2000	100.5	1.5	20
Lithium						
Magnesium	4260	29700	25000	101.8	1.4	20
Manganese	127	2220	2000	104.7	1.3	20
Molybdenum						
Nickel	14.7	2130	2000	105.8	1.9	20
Phosphorus						
Potassium	9200	32500	25000	93.2	0.6	20
Selenium	0.0	2070	2000	103.5	2.0	20
Silicon						
Silver	0.0	249	250	99.6	1.6	20
Sodium	4310	28500	25000	96.8	0.7	20
Strontium						
Sulfur						
Thallium	0.0	1990	2000	99.5	2.0	20
Tin						
Titanium						
Tungsten						
Vanadium	0.70	2070	2000	103.5	0.0	20

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JE25843
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59528
Matrix Type: AQUEOUS

Methods: SW846 6010D
Units: ug/l

Prep Date: 12/26/25

Metal	JE25849-1 Original	MSD	Spikelot MPSPK2	% Rec	MSD RPD	QC Limit
Zinc	4.0	1990	2000	99.3	1.0	20
Zirconium						

Associated samples MP59528: JE25843-1

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JE25843
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59528
Matrix Type: AQUEOUS

Methods: SW846 6010D
Units: ug/l

Prep Date: 12/26/25

Metal	BSP Result	Spikelot MPSPK2	% Rec	QC Limits
Aluminum	25000	25000	100.0	80-120
Antimony	2030	2000	101.5	80-120
Arsenic	2210	2000	110.5	80-120
Barium	2100	2000	105.0	80-120
Beryllium	2090	2000	104.5	80-120
Bismuth				
Boron				
Cadmium	2060	2000	103.0	80-120
Calcium	25300	25000	101.2	80-120
Cerium				
Chromium	2120	2000	106.0	80-120
Cobalt	2100	2000	105.0	80-120
Copper	2010	2000	100.5	80-120
Iron	26500	25000	106.0	80-120
Lead	2110	2000	105.5	80-120
Lithium				
Magnesium	25300	25000	101.2	80-120
Manganese	2160	2000	108.0	80-120
Molybdenum				
Nickel	2130	2000	106.5	80-120
Phosphorus				
Potassium	24500	25000	98.0	80-120
Selenium	2050	2000	102.5	80-120
Silicon				
Silver	253	250	101.2	80-120
Sodium	24900	25000	99.6	80-120
Strontium				
Sulfur				
Thallium	2090	2000	104.5	80-120
Tin				
Titanium				
Tungsten				
Vanadium	2120	2000	106.0	80-120

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JE25843
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59528
Matrix Type: AQUEOUS

Methods: SW846 6010D
Units: ug/l

Prep Date: 12/26/25

Metal	BSP Result	Spikelot MPSPK2	% Rec	QC Limits
Zinc	2120	2000	106.0	80-120
Zirconium				

Associated samples MP59528: JE25843-1

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: JE25843
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59528
Matrix Type: AQUEOUS

Methods: SW846 6010D
Units: ug/l

Prep Date: 12/26/25

Metal	JE25849-1 Original	SDL 1:5	%DIF	QC Limits
Aluminum	0.00	0.00	NC	0-10
Antimony	3.00	0.00	100.0(a)	0-10
Arsenic	0.00	0.00	NC	0-10
Barium	112	109	2.0	0-10
Beryllium	0.00	0.00	NC	0-10
Bismuth				
Boron				
Cadmium	0.400	3.10	675.0(a)	0-10
Calcium	31900	31900	0.0	0-10
Cerium				
Chromium	0.00	0.00	NC	0-10
Cobalt	2.10	0.00	100.0(a)	0-10
Copper	0.00	0.00	NC	0-10
Iron	29.2	0.00	100.0(a)	0-10
Lead	0.00	0.00	NC	0-10
Lithium				
Magnesium	4260	4240	0.5	0-10
Manganese	127	131	3.4	0-10
Molybdenum				
Nickel	14.7	12.8	12.9 (a)	0-10
Phosphorus				
Potassium	9200	9050	1.6	0-10
Selenium	0.00	0.00	NC	0-10
Silicon				
Silver	0.00	0.00	NC	0-10
Sodium	4310	4160	3.5	0-10
Strontium				
Sulfur				
Thallium	0.00	0.00	NC	0-10
Tin				
Titanium				
Tungsten				
Vanadium	0.700	2.50	257.1(a)	0-10

SERIAL DILUTION RESULTS SUMMARY

Login Number: JE25843
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59528
Matrix Type: AQUEOUS

Methods: SW846 6010D
Units: ug/l

Prep Date: 12/26/25

Metal	JE25849-1 Original	SDL 1:5	%DIF	QC Limits
Zinc	4.00	5.80	45.0 (a)	0-10
Zirconium				

Associated samples MP59528: JE25843-1

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JE25843
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59529
Matrix Type: SOLID

Methods: SW846 6010D
Units: mg/kg

Prep Date: 12/26/25

Metal	RL	IDL	MDL	MB raw	final
Aluminum	50	1.7	8.1	-2.1	<50
Antimony	2.0	.17	.41	0.060	<2.0
Arsenic	2.0	.21	.28	-0.010	<2.0
Barium	20	.08	1.9	0.020	<20
Beryllium	0.20	.03	.08	-0.020	<0.20
Bismuth	2.0	.23	.52		
Boron	10	.23	3.7		
Cadmium	0.50	.03	.07	-0.010	<0.50
Calcium	500	.66	21	5.4	<500
Chromium	1.0	.03	.37	0.040	<1.0
Cobalt	5.0	.04	.28	-0.020	<5.0
Copper	2.5	.08	.84	-0.58	<2.5
Iron	50	.53	19	1.8	<50
Lead	2.0	.11	.41	0.13	<2.0
Lithium	5.0	.48	.92		
Magnesium	500	3.2	14	1.1	<500
Manganese	1.5	.01	.41	0.040	<1.5
Molybdenum	2.0	.06	.32		
Nickel	4.0	.04	.35	0.030	<4.0
Phosphorus	20	.12	3.3		
Potassium	1000	7.7	32	-0.48	<1000
Selenium	2.0	.32	.65	-0.10	<2.0
Silicon	20	.17	11		
Silver	0.50	.1	.17	0.010	<0.50
Sodium	1000	3.4	78	4.4	<1000
Strontium	5.0	.03	.18		
Sulfur	10	.3	3.9		
Thallium	1.0	.18	.58	-0.090	<1.0
Tin	20	.08	3.8		
Titanium	1.0	.05	.34		
Tungsten	5.0	.26	1.8		
Vanadium	5.0	.06	.19	-0.020	<5.0
Zinc	5.0	.01	2.3	0.090	<5.0

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JE25843
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59529
Matrix Type: SOLID

Methods: SW846 6010D
Units: mg/kg

Prep Date: 12/26/25

Metal	RL	IDL	MDL	MB raw	final
Zirconium	2.0	.03	.54		

Associated samples MP59529: JE25843-5, JE25843-7, JE25843-9

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JE25843
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59529
Matrix Type: SOLID

Methods: SW846 6010D
Units: mg/kg

Prep Date: 12/26/25

Metal	JE25843-9 Original	MS	Spikelot MPSPK2	% Rec	QC Limits
Aluminum	5910	10400	2850	157.4N(a	75-125
Antimony	0.44	146	228	63.8N(a)	75-125
Arsenic	6.6	220	228	93.5	75-125
Barium	160	429	228	117.9	75-125
Beryllium	0.40	219	228	95.8	75-125
Bismuth					
Boron					
Cadmium	0.41	220	228	96.2	75-125
Calcium	9850	22700	2850	450.4N(a	75-125
Chromium	13.6	224	228	92.2	75-125
Cobalt	7.1	230	228	97.7	75-125
Copper	161	325	228	71.9N(a)	75-125
Iron	12800	15600	2850	98.2	75-125
Lead	297	568	228	118.7	75-125
Lithium					
Magnesium	2850	6000	2850	110.4	75-125
Manganese	247	476	228	100.3	75-125
Molybdenum					
Nickel	31.3	254	228	97.6	75-125
Phosphorus					
Potassium	944	3680	2850	95.9	75-125
Selenium	0.43	204	228	89.2	75-125
Silicon					
Silver	0.14	26.9	28.5	93.8	75-125
Sodium	514	3430	2850	102.2	75-125
Strontium					
Sulfur					
Thallium	0.0	231	228	101.2	75-125
Tin					
Titanium					
Tungsten					
Vanadium	20.7	233	228	93.0	75-125
Zinc	272	500	228	99.9	75-125

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JE25843
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59529 Methods: SW846 6010D
Matrix Type: SOLID Units: mg/kg

Prep Date: 12/26/25

Metal	JE25843-9 Original MS	Spikelot MPSPK2	% Rec	QC Limits
Zirconium				

Associated samples MP59529: JE25843-5, JE25843-7, JE25843-9

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested
(a) Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JE25843
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59529
Matrix Type: SOLID

Methods: SW846 6010D
Units: mg/kg

Prep Date: 12/26/25

Metal	JE25843-9 Original	MSD	Spikelot MPSPK2	% Rec	MSD RPD	QC Limit
Aluminum	5910	10500	2880	159.6N(a	1.0	20
Antimony	0.44	145	230	62.8N(a)	0.7	20
Arsenic	6.6	222	230	93.6	0.9	20
Barium	160	406	230	106.9	5.5	20
Beryllium	0.40	218	230	94.6	0.5	20
Bismuth						
Boron						
Cadmium	0.41	221	230	95.9	0.5	20
Calcium	9850	14300	2880	154.7N(a	45.4 (b)	20
Chromium	13.6	223	230	91.0	0.4	20
Cobalt	7.1	230	230	96.9	0.0	20
Copper	161	370	230	90.8	12.9	20
Iron	12800	15800	2880	104.3	1.3	20
Lead	297	541	230	106.1	4.9	20
Lithium						
Magnesium	2850	6040	2880	110.9	0.7	20
Manganese	247	561	230	136.5N(a	16.4	20
Molybdenum						
Nickel	31.3	256	230	97.7	0.8	20
Phosphorus						
Potassium	944	3770	2880	98.3	2.4	20
Selenium	0.43	205	230	88.9	0.5	20
Silicon						
Silver	0.14	26.7	28.8	92.4	0.7	20
Sodium	514	3370	2880	99.3	1.8	20
Strontium						
Sulfur						
Thallium	0.0	234	230	101.7	1.3	20
Tin						
Titanium						
Tungsten						
Vanadium	20.7	232	230	91.8	0.4	20
Zinc	272	495	230	96.9	1.0	20

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JE25843
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59529 Methods: SW846 6010D
Matrix Type: SOLID Units: mg/kg

Prep Date: 12/26/25

Metal	JE25843-9 Original MSD	Spikelot MPSPK2	% Rec	MSD RPD	QC Limit
Zirconium					

Associated samples MP59529: JE25843-5, JE25843-7, JE25843-9

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested
(a) Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.
(b) High rpd due to possible sample nonhomogeneity.

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JE25843
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59529
Matrix Type: SOLID

Methods: SW846 6010D
Units: mg/kg

Prep Date: 12/26/25

Metal	BSP Result	Spikelot MPSPK2	% Rec	QC Limits
Aluminum	2340	2500	93.6	80-120
Antimony	198	200	99.0	80-120
Arsenic	202	200	101.0	80-120
Barium	200	200	100.0	80-120
Beryllium	205	200	102.5	80-120
Bismuth				
Boron				
Cadmium	205	200	102.5	80-120
Calcium	2420	2500	96.8	80-120
Chromium	203	200	101.5	80-120
Cobalt	205	200	102.5	80-120
Copper	187	200	93.5	80-120
Iron	2450	2500	98.0	80-120
Lead	207	200	103.5	80-120
Lithium				
Magnesium	2410	2500	96.4	80-120
Manganese	209	200	104.5	80-120
Molybdenum				
Nickel	207	200	103.5	80-120
Phosphorus				
Potassium	2370	2500	94.8	80-120
Selenium	198	200	99.0	80-120
Silicon				
Silver	24.6	25	98.4	80-120
Sodium	2370	2500	94.8	80-120
Strontium				
Sulfur				
Thallium	211	200	105.5	80-120
Tin				
Titanium				
Tungsten				
Vanadium	203	200	101.5	80-120
Zinc	207	200	103.5	80-120

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JE25843
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59529
Matrix Type: SOLID

Methods: SW846 6010D
Units: mg/kg

Prep Date: 12/26/25

Metal	BSP Result	Spikelot MPSPK2	% Rec	QC Limits
Zirconium				

Associated samples MP59529: JE25843-5, JE25843-7, JE25843-9

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: JE25843
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59529
Matrix Type: SOLID

Methods: SW846 6010D
Units: ug/l

Prep Date: 12/26/25

Metal	JE25843-9 Original	SDL 1:5	%DIF	QC Limits
Aluminum	53500	54400	1.7	0-10
Antimony	4.00	8.50	112.5(a)	0-10
Arsenic	60.0	61.0	1.7	0-10
Barium	1450	1500	3.2	0-10
Beryllium	3.60	2.50	30.6 (a)	0-10
Bismuth				
Boron				
Cadmium	3.70	2.90	21.6 (a)	0-10
Calcium	89100	92600	3.9	0-10
Chromium	123	123	0.4	0-10
Cobalt	63.9	60.0	6.1	0-10
Copper	1450	1290	11.0*(b)	0-10
Iron	116000	123000	5.6	0-10
Lead	2690	2550	5.1	0-10
Lithium				
Magnesium	25800	26800	3.9	0-10
Manganese	2240	2220	0.9	0-10
Molybdenum				
Nickel	283	269	5.1	0-10
Phosphorus				
Potassium	8540	8710	2.0	0-10
Selenium	3.90	0.00	100.0(a)	0-10
Silicon				
Silver	1.30	0.00	100.0(a)	0-10
Sodium	4650	4730	1.7	0-10
Strontium				
Sulfur				
Thallium	0.00	0.00	NC	0-10
Tin				
Titanium				
Tungsten				
Vanadium	187	184	1.8	0-10
Zinc	2460	2470	0.4	0-10

SERIAL DILUTION RESULTS SUMMARY

Login Number: JE25843
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59529
Matrix Type: SOLID

Methods: SW846 6010D
Units: ug/l

Prep Date: 12/26/25

Metal	JE25843-9 Original SDL 1:5	%DIF	QC Limits
Zirconium			

Associated samples MP59529: JE25843-5, JE25843-7, JE25843-9

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
(b) Serial dilution indicates possible matrix interference.

POST DIGESTATE SPIKE SUMMARY

Login Number: JE25843
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59529
Matrix Type: SOLID

Methods: SW846 6010D
Units: ug/l

Prep Date: 12/26/25

Metal	Sample ml	Final ml	JE25843-9 Raw	Corr.**	PS ug/l	Spike ml	Spike ug/ml	Spike ug/l	% Rec	QC Limits
Aluminum										
Antimony	19.25	20	4	3.85	1950	0.2	200	2000	97.3	80-120
Arsenic										
Barium										
Beryllium										
Bismuth										
Boron										
Cadmium										
Calcium										
Chromium										
Cobalt										
Copper	19.25	20	1453	1398.513	3400	0.2	200	2000	100.1	80-120
Iron										
Lead										
Lithium										
Magnesium										
Manganese										
Molybdenum										
Nickel										
Phosphorus										
Potassium										
Selenium										
Silicon										
Silver										
Sodium										
Strontium										
Sulfur										
Thallium										
Tin										
Titanium										
Tungsten										
Vanadium										
Zinc										

POST DIGESTATE SPIKE SUMMARY

Login Number: JE25843
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59529
Matrix Type: SOLID

Methods: SW846 6010D
Units: ug/l

Prep Date: 12/26/25

Metal	Sample ml	Final ml	JE25843-9 Raw	Corr.**	PS ug/l	Spike ml	Spike ug/ml	Spike ug/l	% Rec	QC Limits
Zirconium										

Associated samples MP59529: JE25843-5, JE25843-7, JE25843-9

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(**) Corr. sample result = Raw * (sample volume / final volume)
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JE25843
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59541 Methods: SW846 7471B
Matrix Type: SOLID Units: mg/kg

Prep Date: 12/29/25

Metal	RL	IDL	MDL	MB raw	final
Mercury	0.033	.0066	.015	-0.010	<0.033

Associated samples MP59541: JE25843-5, JE25843-9

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JE25843
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59541
Matrix Type: SOLID

Methods: SW846 7471B
Units: mg/kg

Prep Date: 12/29/25

Metal	JE24843-1R Original	MS	Spikelot HGPWS1	% Rec	QC Limits
Mercury	0.010	0.37	0.318	113.2	80-120

Associated samples MP59541: JE25843-5, JE25843-9

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JE25843
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59541
Matrix Type: SOLID

Methods: SW846 7471B
Units: mg/kg

Prep Date: 12/29/25

Metal	JE24843-1R Original	MSD	Spikelot HGPWS1	% Rec	MSD RPD	QC Limit
Mercury	0.010	0.38	0.32	115.7	2.7	20

Associated samples MP59541: JE25843-5, JE25843-9

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JE25843
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59541
Matrix Type: SOLID

Methods: SW846 7471B
Units: mg/kg

Prep Date: 12/29/25

Metal	BSP Result	Spikelot HGPWS1	% Rec	QC Limits
Mercury	0.35	0.333	105.0	80-120

Associated samples MP59541: JE25843-5, JE25843-9

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JE25843
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59572
Matrix Type: SOLID

Methods: SW846 6010D
Units: mg/kg

Prep Date: 12/31/25

Metal	RL	IDL	MDL	MB raw	final
Aluminum	50	.92	8.1	-0.85	<50
Antimony	2.0	.28	.41	0.030	<2.0
Arsenic	2.0	.26	.28	-0.22	<2.0
Barium	20	.02	1.9	-0.020	<20
Beryllium	0.20	.02	.08	-0.020	<0.20
Bismuth	2.0	.25	.52		
Boron	10	.18	3.7		
Cadmium	0.50	.04	.07	0.0	<0.50
Calcium	500	1.3	21	11.0	<500
Chromium	1.0	.07	.37	-0.010	<1.0
Cobalt	5.0	.06	.28	0.050	<5.0
Copper	2.5	.07	.84	0.51	<2.5
Iron	50	.33	19	1.3	<50
Lead	2.0	.2	.41	0.040	<2.0
Lithium	5.0	.15	.92		
Magnesium	500	2.5	14	2.1	<500
Manganese	1.5	.01	.41	0.020	<1.5
Molybdenum	2.0	.06	.32		
Nickel	4.0	.08	.35	0.020	<4.0
Phosphorus	20	.7	3.3		
Potassium	1000	3.5	32	7.0	<1000
Selenium	2.0	.36	.65	0.16	<2.0
Silicon	20	.22	11		
Silver	0.50	.06	.17	-0.030	<0.50
Sodium	1000	1.4	78	12.8	<1000
Strontium	5.0	.01	.18		
Sulfur	10	.37	3.9		
Thallium	1.0	.52	.58	-0.070	<1.0
Tin	20	.14	3.8		
Titanium	1.0	.08	.34		
Tungsten	5.0	.13	1.8		
Vanadium	5.0	.05	.19	-0.040	<5.0
Zinc	5.0	.03	2.3	0.28	<5.0

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JE25843
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59572
Matrix Type: SOLID

Methods: SW846 6010D
Units: mg/kg

Prep Date: 12/31/25

Metal	RL	IDL	MDL	MB raw	final
Zirconium	2.0	.05	.54		

Associated samples MP59572: JE25843-2

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JE25843
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59572
Matrix Type: SOLID

Methods: SW846 6010D
Units: mg/kg

Prep Date: 12/31/25

Metal	JE25843-2 Original	MS	Spikelot MPSPK2	% Rec	QC Limits
Aluminum	6200	11000	3480	137.9N(a	75-125
Antimony	0.0	206	278	73.4N(a)	75-125
Arsenic	5.0	264	278	93.0	75-125
Barium	193	457	278	94.8	75-125
Beryllium	4.3	270	278	95.3	75-125
Bismuth					
Boron					
Cadmium	1.4	272	278	97.2	75-125
Calcium	153000	145000	3480	-229.8(b	75-125
Chromium	48.9	319	278	97.0	75-125
Cobalt	29.9	291	278	93.8	75-125
Copper	533	856	278	92.3	75-125
Iron	20500	25000	3480	163.7(b)	75-125
Lead	820	1060	278	86.2	75-125
Lithium					
Magnesium	1830	4830	3480	86.2	75-125
Manganese	301	512	278	76.8	75-125
Molybdenum	anr				
Nickel	254	523	278	102.0	75-125
Phosphorus					
Potassium	574	3890	3480	95.3	75-125
Selenium	0.0	262	278	93.1	75-125
Silicon					
Silver	0.0	33.8	34.8	95.5	75-125
Sodium	979	4190	3480	92.2	75-125
Strontium					
Sulfur					
Thallium	0.0	255	278	91.6	75-125
Tin					
Titanium					
Tungsten					
Vanadium	17.5	282	278	95.0	75-125
Zinc	2150	2380	278	82.6	75-125

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JE25843
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59572 Methods: SW846 6010D
Matrix Type: SOLID Units: mg/kg

Prep Date: 12/31/25

Metal	JE25843-2 Original MS	Spikelot MPSPK2	% Rec	QC Limits
Zirconium				

Associated samples MP59572: JE25843-2

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested
(a) Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.
(b) Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JE25843
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59572
Matrix Type: SOLID

Methods: SW846 6010D
Units: mg/kg

Prep Date: 12/31/25

Metal	JE25843-2 Original	MSD	Spikelot MPSPK2	% Rec	MSD RPD	QC Limit
Aluminum	6200	10500	3520	122.1	4.7	20
Antimony	0.0	223	282	78.6	7.9	20
Arsenic	5.0	278	282	96.9	5.2	20
Barium	193	392	282	70.7N(a)	15.3	20
Beryllium	4.3	281	282	98.2	4.0	20
Bismuth						
Boron						
Cadmium	1.4	281	282	99.3	3.3	20
Calcium	153000	115000	3520	-1079.3b	23.1 (c)	20
Chromium	48.9	308	282	92.0	3.5	20
Cobalt	29.9	295	282	94.1	1.4	20
Copper	533	582	282	-6.0N(a)	38.1 (c)	20
Iron	20500	14700	3520	-130.7(b	51.9 (c)	20
Lead	820	965	282	51.5N(a)	9.4	20
Lithium						
Magnesium	1830	4360	3520	71.9N(a)	10.2	20
Manganese	301	565	282	94.8	9.8	20
Molybdenum	anr					
Nickel	254	389	282	53.3N(a)	29.4 (c)	20
Phosphorus						
Potassium	574	3860	3520	93.3	0.8	20
Selenium	0.0	276	282	97.0	5.2	20
Silicon						
Silver	0.0	34.9	35.2	97.5	3.2	20
Sodium	979	4230	3520	92.3	1.0	20
Strontium						
Sulfur						
Thallium	0.0	268	282	95.2	5.0	20
Tin						
Titanium						
Tungsten						
Vanadium	17.5	302	282	101.0	6.8	20
Zinc	2150	1400	282	-266.3(b	51.9 (c)	20

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JE25843
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59572 Methods: SW846 6010D
Matrix Type: SOLID Units: mg/kg

Prep Date: 12/31/25

Metal	JE25843-2 Original MSD	Spikelot MPSPK2	% Rec	MSD RPD	QC Limit
Zirconium					

Associated samples MP59572: JE25843-2

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested
(a) Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.
(b) Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.
(c) High rpd due to possible sample nonhomogeneity.

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JE25843
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59572
Matrix Type: SOLID

Methods: SW846 6010D
Units: mg/kg

Prep Date: 12/31/25

Metal	BSP Result	Spikelot MPSPK2	% Rec	QC Limits
Aluminum	2310	2500	92.4	80-120
Antimony	182	200	91.0	80-120
Arsenic	188	200	94.0	80-120
Barium	193	200	96.5	80-120
Beryllium	197	200	98.5	80-120
Bismuth				
Boron				
Cadmium	191	200	95.5	80-120
Calcium	2350	2500	94.0	80-120
Chromium	198	200	99.0	80-120
Cobalt	195	200	97.5	80-120
Copper	186	200	93.0	80-120
Iron	2260	2500	90.4	80-120
Lead	196	200	98.0	80-120
Lithium				
Magnesium	2320	2500	92.8	80-120
Manganese	203	200	101.5	80-120
Molybdenum	anr			
Nickel	197	200	98.5	80-120
Phosphorus				
Potassium	2260	2500	90.4	80-120
Selenium	186	200	93.0	80-120
Silicon				
Silver	23.2	25	92.8	80-120
Sodium	2310	2500	92.4	80-120
Strontium				
Sulfur				
Thallium	191	200	95.5	80-120
Tin				
Titanium				
Tungsten				
Vanadium	198	200	99.0	80-120
Zinc	197	200	98.5	80-120

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JE25843
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59572
Matrix Type: SOLID

Methods: SW846 6010D
Units: mg/kg

Prep Date: 12/31/25

Metal	BSP Result	Spikelot MPSPK2	% Rec	QC Limits
Zirconium				

Associated samples MP59572: JE25843-2

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: JE25843
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59572
Matrix Type: SOLID

Methods: SW846 6010D
Units: ug/l

Prep Date: 12/31/25

Metal	JE25843-2 Original	SDL 1:5	%DIF	QC Limits
Aluminum	46800	46400	1.0	0-10
Antimony	0.00	0.00	NC (a)	0-10
Arsenic	37.6	35.2	6.4	0-10
Barium	1460	1460	0.0	0-10
Beryllium	32.4	33.8	1.5	0-10
Bismuth				
Boron				
Cadmium	10.8	10.4	7.2	0-10
Calcium	1150000	1200000	3.6	0-10
Chromium	369	387	4.8	0-10
Cobalt	225	238	5.6	0-10
Copper	4020	4210	7.0	0-10
Iron	155000	154000	5.9	0-10
Lead	6190	6490	4.8	0-10
Lithium				
Magnesium	13800	14700	6.5	0-10
Manganese	2270	2280	1.4	0-10
Molybdenum	anr			
Nickel	1920	1910	5.8	0-10
Phosphorus				
Potassium	4340	4380	1.0	0-10
Selenium	0.00	33.4	57.5 (a)	0-10
Silicon				
Silver	0.00	0.00	NC (a)	0-10
Sodium	7390	7310	1.1	0-10
Strontium				
Sulfur				
Thallium	0.00	0.00	NC	0-10
Tin				
Titanium				
Tungsten				
Vanadium	132	135	2.0	0-10
Zinc	16200	16800	3.5	0-10

SERIAL DILUTION RESULTS SUMMARY

Login Number: JE25843
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59572
Matrix Type: SOLID

Methods: SW846 6010D
Units: ug/l

Prep Date: 12/31/25

Metal	JE25843-2 Original SDL 1:5	%DIF	QC Limits
Zirconium			

Associated samples MP59572: JE25843-2

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

POST DIGESTATE SPIKE SUMMARY

Login Number: JE25843
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59572
Matrix Type: SOLID

Methods: SW846 6010D
Units: ug/l

Prep Date: 12/31/25

Metal	Sample ml	Final ml	JE25843-2 Raw	Corr.**	PS ug/l	Spike ml	Spike ug/ml	Spike ug/l	% Rec	QC Limits
Aluminum										
Antimony	19.25	20	11.3	10.87625	2010	0.2	200	2000	100.0	80-120
Arsenic										
Barium	19.25	20	1455	1400.438	3377	0.2	200	2000	98.8	80-120
Beryllium										
Bismuth										
Boron										
Cadmium										
Calcium										
Chromium										
Cobalt										
Copper										
Iron										
Lead										
Lithium										
Magnesium	19.25	20	14690	13301.75	36020	0.1	5000	25000	90.9	80-120
Manganese										
Molybdenum										
Nickel	19.25	20	1806	1738.275	3721	0.2	200	2000	99.1	80-120
Phosphorus										
Potassium										
Selenium										
Silicon										
Silver										
Sodium										
Strontium										
Sulfur										
Thallium										
Tin										
Titanium										
Tungsten										
Vanadium										
Zinc										

POST DIGESTATE SPIKE SUMMARY

Login Number: JE25843
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59572
Matrix Type: SOLID

Methods: SW846 6010D
Units: ug/l

Prep Date: 12/31/25

Metal	Sample ml	Final ml	JE25843-2 Raw	Corr.**	PS ug/l	Spike ml	Spike ug/ml	Spike ug/l	% Rec	QC Limits
Zirconium										

Associated samples MP59572: JE25843-2

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(**) Corr. sample result = Raw * (sample volume / final volume)
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JE25843
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59601 Methods: SW846 7471B
Matrix Type: SOLID Units: mg/kg

Prep Date: 12/30/25

Metal	RL	IDL	MDL	MB raw	final
Mercury	0.033	.0066	.015	-0.0021	<0.033

Associated samples MP59601: JE25843-2

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JE25843
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59601
Matrix Type: SOLID

Methods: SW846 7471B
Units: mg/kg

Prep Date: 12/30/25

Metal	JE26004-1 Original	MS	Spikelot HGPWS1	% Rec	QC Limits
Mercury	0.0	0.33	0.299	110.5	80-120

Associated samples MP59601: JE25843-2

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JE25843
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59601 Methods: SW846 7471B
Matrix Type: SOLID Units: mg/kg

Prep Date: 12/30/25

Metal	JE26004-1 Original	MSD	Spikelot HGPWS1	% Rec	MSD RPD	QC Limit
Mercury	0.0	0.34	0.303	112.2	3.0	20

Associated samples MP59601: JE25843-2

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JE25843
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

QC Batch ID: MP59601
Matrix Type: SOLID

Methods: SW846 7471B
Units: mg/kg

Prep Date: 12/30/25

Metal	BSP Result	Spikelot HGPWS1	% Rec	QC Limits
Mercury	0.33	0.333	99.0	80-120

Associated samples MP59601: JE25843-2

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

General Chemistry

QC Data Summaries

Includes the following where applicable:

- Method Blank and Blank Spike Summaries
- Duplicate Summaries
- Matrix Spike Summaries

METHOD BLANK AND SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: JE25843
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Chromium, Hexavalent	GN77704	0.010	0.0	mg/l	0.150	0.149	99.3	90-110%
Chromium, Hexavalent	GP66796/GN77986			mg/kg	1280.693	1170	91.4	80-120%
Chromium, Hexavalent	GP66796/GN77986	0.40	0.0	mg/kg	40	38.8	97.0	80-120%
Chromium, Hexavalent	GP66797/GN78023	0.40	0.0	mg/kg	991.089	900	90.8	80-120%
Chromium, Hexavalent	GP66797/GN78023			mg/kg	40	38.8	97.0	80-120%
Cyanide	GP66600/GN77760	0.010	0.0	mg/l	0.2	0.196	98.0	90-110%
Cyanide	GP66604/GN77760	0.24	0.0	mg/kg	4.8	4.80	100.0	90-110%
Cyanide	GP66664/GN77903	0.24	0.0	mg/kg	4.8	4.87	101.5	90-110%

Associated Samples:
Batch GN77704: JE25843-1
Batch GP66600: JE25843-1
Batch GP66604: JE25843-9
Batch GP66664: JE25843-2
Batch GP66796: JE25843-5, JE25843-9
Batch GP66797: JE25843-2
(*) Outside of QC limits

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: JE25843
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Chromium, Hexavalent	GP66796/GN77986	JE25903-2	mg/kg	0.40	0.0	200.0(a)	0-20%
Chromium, Hexavalent	GP66797/GN78023	JE25839-1	mg/kg	11.7	14.7	22.7*(b)	0-20%
Cyanide	GP66600/GN77760	LB23881-1	mg/l	0.032	0.047	38.0*(c)	0-32%
Cyanide	GP66604/GN77760	JE25927-12	mg/kg	0.0	0.22	200.0*(a)	0-49%
Cyanide	GP66664/GN77903	JE26004-1	mg/kg	0.0	0.0	0.0	0-49%
Solids, Percent	GN77680	JE25562-1	%	93.9	93.3	0.6	0-10%
Solids, Percent	GN77681	JE25819-1	%	83.4	83.1	0.4	0-10%
Solids, Percent	GN77774	JE25784-1	%	93.5	94.4	1.0	0-10%

Associated Samples:
Batch GN77680: JE25843-3, JE25843-5, JE25843-6
Batch GN77681: JE25843-7, JE25843-8, JE25843-9
Batch GN77774: JE25843-2
Batch GP66600: JE25843-1
Batch GP66604: JE25843-9
Batch GP66664: JE25843-2
Batch GP66796: JE25843-5, JE25843-9
Batch GP66797: JE25843-2
(*) Outside of QC limits
(a) RPD acceptable due to low duplicate and sample concentrations.
(b) High RPD due to possible sample nonhomogeneity.
(c) High RPD due to possible matrix inteference.

MATRIX SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: JE25843
Account: LANGNYNY - Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MS Result	%Rec	QC Limits
Chromium, Hexavalent	GP66796/GN77986	JE25903-2	mg/kg	0.40	42.9	31.3	72.1N(a)	75-125%
Chromium, Hexavalent	GP66796/GN77986	JE25903-2	mg/kg	0.40	1010	957	95.0(b)	75-125%
Chromium, Hexavalent	GP66797/GN78023	JE25839-1	mg/kg	11.7	822	596	71.1N(c)	75-125%
Chromium, Hexavalent	GP66797/GN78023	JE25839-1	mg/kg	11.7	44.9	24.5	28.5N(d)	75-125%
Cyanide	GP66600/GN77760	LB23881-1	mg/l	0.032	0.2	0.16	64.0N(e)	90-110%
Cyanide	GP66604/GN77760	JE25927-12	mg/kg	0.0	5.59	5.9	105.5	75-125%
Cyanide	GP66664/GN77903	JE26004-1	mg/kg	0.0	5.06	6.7	132.5N(e)	75-125%

Associated Samples:
Batch GP66600: JE25843-1
Batch GP66604: JE25843-9
Batch GP66664: JE25843-2
Batch GP66796: JE25843-5, JE25843-9
Batch GP66797: JE25843-2
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(a) Soluble XCR matrix spike recovery indicates possible matrix interference. Good post spike recovery (102_%) on this sample.
(b) Good recovery on insoluble XCR matrix spike. See additional comments on soluble matrix spike recovery.
(c) Insoluble XCR matrix spike recovery indicates possible matrix interference. See additional comments on soluble matrix spike recovery.
(d) Soluble XCR matrix spike recovery indicates possible matrix interference. Good post spike recovery (96__%) on this sample.
(e) Spike recovery indicates possible matrix interference.

The results set forth herein are provided by SGS North America Inc.

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Automated Report

Technical Report for

Langan Engineering & Environmental

252 3rd Street, Brooklyn, NY

170970401

SGS Job Number: JE25995

Sampling Date: 12/23/25



Report to:

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Total number of pages in report: 59

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable unless noted in the narrative, comments or footnotes.

Olga Azarian
Technical Director

Client Service contact: Carin Ferris 732-329-0200
Certifications: NJ(12129),NY(10983),CA,CO,CT,FL,HI,IL,IN,KY,LA (120428),MA,MD,ME,MN,NC,NH,NV, AK (UST-103),AZ (AZ0786),PA(68-00408),RI,SC,TX (T104704234),UT,VA,WA,WV

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SGS North America Inc.

Sample Summary

Langan Engineering & Environmental

Job No: JE25995

252 3rd Street, Brooklyn, NY
Project No: 170970401

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
This report contains results reported as ND = Not detected. The following applies:							
Organics ND = Not detected above the MDL							
JE25995-1	12/23/25	14:48	LC	12/24/25	AIR	Soil Vapor Comp.	SV02_122325
JE25995-2	12/23/25	14:58	LC	12/24/25	AIR	Soil Vapor Comp.	SV03_122325
JE25995-3	12/23/25	15:33	LC	12/24/25	AIR	Soil Vapor Comp.	SV07_122325

2

Summary of Hits

Job Number: JE25995
Account: Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY
Collected: 12/23/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JE25995-1	**SV02_122325**					
Acetone (2-Propanone)		130	2.0	1.5	ppbv	TO-15
1,3-Butadiene		1.5 J	2.0	0.84	ppbv	TO-15
Benzene		5.4	2.0	0.47	ppbv	TO-15
Carbon disulfide		7.5	2.0	1.1	ppbv	TO-15
Cyclohexane		3.6	2.0	0.45	ppbv	TO-15
Ethanol		83.2	5.0	3.9	ppbv	TO-15
Ethylbenzene		5.7	2.0	0.61	ppbv	TO-15
Heptane		23.0	2.0	0.91	ppbv	TO-15
Hexane		11.8	2.0	0.52	ppbv	TO-15
Isopropyl Alcohol		25.1	2.0	1.4	ppbv	TO-15
Methylene chloride		2.1	2.0	1.3	ppbv	TO-15
Methyl ethyl ketone		3.9	2.0	0.52	ppbv	TO-15
Methyl Isobutyl Ketone		2.2	2.0	0.73	ppbv	TO-15
1,2,4-Trimethylbenzene		2.1	2.0	0.87	ppbv	TO-15
1,3,5-Trimethylbenzene		1.9 J	2.0	0.80	ppbv	TO-15
Tetrachloroethylene		0.46	0.40	0.30	ppbv	TO-15
Toluene		364	2.0	0.57	ppbv	TO-15
Trichloroethylene		0.67	0.40	0.19	ppbv	TO-15
m,p-Xylene		20.5	2.0	1.4	ppbv	TO-15
o-Xylene		9.5	2.0	0.77	ppbv	TO-15
Xylenes (total)		30.0	2.0	0.77	ppbv	TO-15
Acetone (2-Propanone)		309	4.8	3.6	ug/m3	TO-15
1,3-Butadiene		3.3 J	4.4	1.9	ug/m3	TO-15
Benzene		17	6.4	1.5	ug/m3	TO-15
Carbon disulfide		23	6.2	3.4	ug/m3	TO-15
Cyclohexane		12	6.9	1.5	ug/m3	TO-15
Ethanol		157	9.4	7.3	ug/m3	TO-15
Ethylbenzene		25	8.7	2.6	ug/m3	TO-15
Heptane		94.3	8.2	3.7	ug/m3	TO-15
Hexane		41.6	7.0	1.8	ug/m3	TO-15
Isopropyl Alcohol		61.7	4.9	3.4	ug/m3	TO-15
Methylene chloride		7.3	6.9	4.5	ug/m3	TO-15
Methyl ethyl ketone		12	5.9	1.5	ug/m3	TO-15
Methyl Isobutyl Ketone		9.0	8.2	3.0	ug/m3	TO-15
1,2,4-Trimethylbenzene		10	9.8	4.3	ug/m3	TO-15
1,3,5-Trimethylbenzene		9.3 J	9.8	3.9	ug/m3	TO-15
Tetrachloroethylene		3.1	2.7	2.0	ug/m3	TO-15
Toluene		1370	7.5	2.1	ug/m3	TO-15
Trichloroethylene		3.6	2.1	1.0	ug/m3	TO-15
m,p-Xylene		89.0	8.7	6.1	ug/m3	TO-15
o-Xylene		41	8.7	3.3	ug/m3	TO-15
Xylenes (total)		130	8.7	3.3	ug/m3	TO-15

Summary of Hits

Job Number: JE25995
Account: Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY
Collected: 12/23/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JE25995-2	**SV03_122325**					
Acetone (2-Propanone)		24.0	0.80	0.58	ppbv	TO-15
1,3-Butadiene		0.81	0.80	0.34	ppbv	TO-15
Benzene		14.7	0.80	0.19	ppbv	TO-15
Carbon disulfide		2.8	0.80	0.45	ppbv	TO-15
Chloroform		1.1	0.80	0.15	ppbv	TO-15
Carbon tetrachloride		2.4	0.16	0.16	ppbv	TO-15
Cyclohexane		9.0	0.80	0.18	ppbv	TO-15
Dichlorodifluoromethane		0.47 J	0.80	0.42	ppbv	TO-15
Ethanol		49.8	2.0	1.6	ppbv	TO-15
Ethylbenzene		0.80	0.80	0.24	ppbv	TO-15
Heptane		2.1	0.80	0.36	ppbv	TO-15
Hexane		2.2	0.80	0.21	ppbv	TO-15
Isopropyl Alcohol		15.5	0.80	0.56	ppbv	TO-15
Methylene chloride		1.1	0.80	0.53	ppbv	TO-15
Methyl ethyl ketone		2.2	0.80	0.21	ppbv	TO-15
Tertiary Butyl Alcohol		0.83	0.80	0.37	ppbv	TO-15
Tetrachloroethylene		1.3	0.16	0.12	ppbv	TO-15
Toluene		1.7	0.80	0.23	ppbv	TO-15
m,p-Xylene		2.7	0.80	0.56	ppbv	TO-15
o-Xylene		0.66 J	0.80	0.31	ppbv	TO-15
Xylenes (total)		3.4	0.80	0.31	ppbv	TO-15
Acetone (2-Propanone)		57.0	1.9	1.4	ug/m3	TO-15
1,3-Butadiene		1.8	1.8	0.75	ug/m3	TO-15
Benzene		47.0	2.6	0.61	ug/m3	TO-15
Carbon disulfide		8.7	2.5	1.4	ug/m3	TO-15
Chloroform		5.4	3.9	0.73	ug/m3	TO-15
Carbon tetrachloride		15	1.0	1.0	ug/m3	TO-15
Cyclohexane		31	2.8	0.62	ug/m3	TO-15
Dichlorodifluoromethane		2.3 J	4.0	2.1	ug/m3	TO-15
Ethanol		93.8	3.8	3.0	ug/m3	TO-15
Ethylbenzene		3.5	3.5	1.0	ug/m3	TO-15
Heptane		8.6	3.3	1.5	ug/m3	TO-15
Hexane		7.8	2.8	0.74	ug/m3	TO-15
Isopropyl Alcohol		38.1	2.0	1.4	ug/m3	TO-15
Methylene chloride		3.8	2.8	1.8	ug/m3	TO-15
Methyl ethyl ketone		6.5	2.4	0.62	ug/m3	TO-15
Tertiary Butyl Alcohol		2.5	2.4	1.1	ug/m3	TO-15
Tetrachloroethylene		8.8	1.1	0.81	ug/m3	TO-15
Toluene		6.4	3.0	0.87	ug/m3	TO-15
m,p-Xylene		12	3.5	2.4	ug/m3	TO-15
o-Xylene		2.9 J	3.5	1.3	ug/m3	TO-15
Xylenes (total)		15	3.5	1.3	ug/m3	TO-15

Summary of Hits

Job Number: JE25995
Account: Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY
Collected: 12/23/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JE25995-3	**SV07_122325**					
Acetone (2-Propanone)		27.2	0.80	0.58	ppbv	TO-15
1,3-Butadiene		0.85	0.80	0.34	ppbv	TO-15
Carbon disulfide		1.1	0.80	0.45	ppbv	TO-15
Chloroform		0.48 J	0.80	0.15	ppbv	TO-15
Dichlorodifluoromethane		0.52 J	0.80	0.42	ppbv	TO-15
Ethanol		67.8	2.0	1.6	ppbv	TO-15
Ethylbenzene		0.60 J	0.80	0.24	ppbv	TO-15
Heptane		0.44 J	0.80	0.36	ppbv	TO-15
Hexane		1.9	0.80	0.21	ppbv	TO-15
Isopropyl Alcohol		20.4	0.80	0.56	ppbv	TO-15
Methyl ethyl ketone		3.4	0.80	0.21	ppbv	TO-15
Tertiary Butyl Alcohol		0.72 J	0.80	0.37	ppbv	TO-15
Toluene		0.98	0.80	0.23	ppbv	TO-15
m,p-Xylene		2.0	0.80	0.56	ppbv	TO-15
o-Xylene		0.50 J	0.80	0.31	ppbv	TO-15
Xylenes (total)		2.5	0.80	0.31	ppbv	TO-15
Acetone (2-Propanone)		64.6	1.9	1.4	ug/m3	TO-15
1,3-Butadiene		1.9	1.8	0.75	ug/m3	TO-15
Carbon disulfide		3.4	2.5	1.4	ug/m3	TO-15
Chloroform		2.3 J	3.9	0.73	ug/m3	TO-15
Dichlorodifluoromethane		2.6 J	4.0	2.1	ug/m3	TO-15
Ethanol		128	3.8	3.0	ug/m3	TO-15
Ethylbenzene		2.6 J	3.5	1.0	ug/m3	TO-15
Heptane		1.8 J	3.3	1.5	ug/m3	TO-15
Hexane		6.7	2.8	0.74	ug/m3	TO-15
Isopropyl Alcohol		50.1	2.0	1.4	ug/m3	TO-15
Methyl ethyl ketone		10	2.4	0.62	ug/m3	TO-15
Tertiary Butyl Alcohol		2.2 J	2.4	1.1	ug/m3	TO-15
Toluene		3.7	3.0	0.87	ug/m3	TO-15
m,p-Xylene		8.7	3.5	2.4	ug/m3	TO-15
o-Xylene		2.2 J	3.5	1.3	ug/m3	TO-15
Xylenes (total)		11	3.5	1.3	ug/m3	TO-15

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	SV02_122325		
Lab Sample ID:	JE25995-1	**Date Sampled:**	12/23/25
Matrix:	AIR - Soil Vapor Comp. Summa ID: A1161	**Date Received:**	12/24/25
Method:	TO-15	**Percent Solids:**	n/a
Project:	252 3rd Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7W19251.D	1	01/01/26 04:48	BK	n/a	n/a	V7W675
Run #2							

	Initial Volume
Run #1	40.0 ml
Run #2	

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone (2-Propanone)	130	2.0	1.5	ppbv		309	4.8	3.6	ug/m3
106-99-0	54.09	1,3-Butadiene	1.5	2.0	0.84	ppbv	J	3.3	4.4	1.9	ug/m3
71-43-2	78.11	Benzene	5.4	2.0	0.47	ppbv		17	6.4	1.5	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	1.0	0.30	ppbv		ND	6.7	2.0	ug/m3
75-25-2	252.8	Bromoform	ND	0.40	0.71	ppbv		ND	4.1	7.3	ug/m3
74-83-9	94.94	Bromomethane	ND	2.0	0.69	ppbv		ND	7.8	2.7	ug/m3
593-60-2	106.9	Bromoethene	ND	2.0	0.61	ppbv		ND	8.7	2.7	ug/m3
100-44-7	126	Benzyl Chloride	ND	2.0	1.3	ppbv		ND	10	6.7	ug/m3
75-15-0	76.14	Carbon disulfide	7.5	2.0	1.1	ppbv		23	6.2	3.4	ug/m3
108-90-7	112.6	Chlorobenzene	ND	2.0	0.74	ppbv		ND	9.2	3.4	ug/m3
75-00-3	64.52	Chloroethane	ND	2.0	0.68	ppbv		ND	5.3	1.8	ug/m3
67-66-3	119.4	Chloroform	ND	2.0	0.37	ppbv		ND	9.8	1.8	ug/m3
74-87-3	50.49	Chloromethane	ND	2.0	0.90	ppbv		ND	4.1	1.9	ug/m3
107-05-1	76.53	3-Chloropropene	ND	2.0	0.83	ppbv		ND	6.3	2.6	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	2.0	0.72	ppbv		ND	10	3.7	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.40	0.40	ppbv		ND	2.5	2.5	ug/m3
110-82-7	84.16	Cyclohexane	3.6	2.0	0.45	ppbv		12	6.9	1.5	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	2.0	0.57	ppbv		ND	8.1	2.3	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.40	0.59	ppbv		ND	1.6	2.3	ug/m3
106-93-4	187.9	1,2-Dibromoethane (EDB)	ND	1.0	0.30	ppbv		ND	7.7	2.3	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	2.0	0.70	ppbv		ND	8.1	2.8	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	2.0	0.62	ppbv		ND	9.2	2.9	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	2.0	0.48	ppbv		ND	7.2	1.7	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	ND	2.0	1.0	ppbv		ND	9.9	4.9	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	1.0	1.2	ppbv		ND	8.5	10	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	2.0	0.69	ppbv		ND	7.9	2.7	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.40	0.30	ppbv		ND	1.6	1.2	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	2.0	0.62	ppbv		ND	9.1	2.8	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	1.0	0.28	ppbv		ND	6.0	1.7	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.40	0.69	ppbv		ND	2.4	4.1	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	1.0	0.79	ppbv		ND	6.0	4.7	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	2.0	1.0	ppbv		ND	9.1	4.5	ug/m3

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SV02_122325
Lab Sample ID: JE25995-1
Matrix: AIR - Soil Vapor Comp. Summa ID: A1161
Method: TO-15
Project: 252 3rd Street, Brooklyn, NY

Date Sampled: 12/23/25
Date Received: 12/24/25
Percent Solids: n/a

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
64-17-5	46.07	Ethanol	83.2	5.0	3.9	ppbv		157	9.4	7.3	ug/m3
100-41-4	106.2	Ethylbenzene	5.7	2.0	0.61	ppbv		25	8.7	2.6	ug/m3
141-78-6	88	Ethyl Acetate	ND	2.0	1.0	ppbv		ND	7.2	3.6	ug/m3
622-96-8	120.19	4-Ethyltoluene	ND	2.0	0.95	ppbv		ND	9.8	4.7	ug/m3
76-13-1	187.4	Freon 113	ND	1.0	0.31	ppbv		ND	7.7	2.4	ug/m3
76-14-2	170.9	Freon 114	ND	1.0	0.50	ppbv		ND	7.0	3.5	ug/m3
142-82-5	100.2	Heptane	23.0	2.0	0.91	ppbv		94.3	8.2	3.7	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.90	0.62	ppbv		ND	9.6	6.6	ug/m3
110-54-3	86.18	Hexane	11.8	2.0	0.52	ppbv		41.6	7.0	1.8	ug/m3
591-78-6	100	2-Hexanone	ND	2.0	1.5	ppbv		ND	8.2	6.1	ug/m3
67-63-0	60.1	Isopropyl Alcohol	25.1	2.0	1.4	ppbv		61.7	4.9	3.4	ug/m3
75-09-2	84.94	Methylene chloride	2.1	2.0	1.3	ppbv		7.3	6.9	4.5	ug/m3
78-93-3	72.11	Methyl ethyl ketone	3.9	2.0	0.52	ppbv		12	5.9	1.5	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	2.2	2.0	0.73	ppbv		9.0	8.2	3.0	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	2.0	0.80	ppbv		ND	7.2	2.9	ug/m3
80-62-6	100.12	Methylmethacrylate	ND	2.0	0.70	ppbv		ND	8.2	2.9	ug/m3
91-20-3	128.17	Naphthalene	ND	2.0	1.3	ppbv		ND	10	6.8	ug/m3
115-07-1	42	Propylene	ND	5.0	0.48	ppbv		ND	8.6	0.82	ug/m3
100-42-5	104.1	Styrene	ND	2.0	0.53	ppbv		ND	8.5	2.3	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	1.0	0.78	ppbv		ND	5.5	4.3	ug/m3
79-34-5	167.85	1,1,2,2-Tetrachloroethane	ND	1.0	0.48	ppbv		ND	6.9	3.3	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	1.0	0.38	ppbv		ND	5.5	2.1	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	1.0	1.2	ppbv		ND	7.4	8.9	ug/m3
95-63-6	120.19	1,2,4-Trimethylbenzene	2.1	2.0	0.87	ppbv		10	9.8	4.3	ug/m3
108-67-8	120.19	1,3,5-Trimethylbenzene	1.9	2.0	0.80	ppbv	J	9.3	9.8	3.9	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	ND	2.0	0.40	ppbv		ND	9.3	1.9	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	2.0	0.93	ppbv		ND	6.1	2.8	ug/m3
127-18-4	165.8	Tetrachloroethylene	0.46	0.40	0.30	ppbv		3.1	2.7	2.0	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	2.0	0.90	ppbv		ND	5.9	2.7	ug/m3
108-88-3	92.14	Toluene	364	2.0	0.57	ppbv		1370	7.5	2.1	ug/m3
79-01-6	131.4	Trichloroethylene	0.67	0.40	0.19	ppbv		3.6	2.1	1.0	ug/m3
75-69-4	137.4	Trichlorofluoromethane	ND	1.0	0.57	ppbv		ND	5.6	3.2	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.40	0.69	ppbv		ND	1.0	1.8	ug/m3
108-05-4	86	Vinyl Acetate	ND	2.0	1.1	ppbv		ND	7.0	3.9	ug/m3
	106.2	m,p-Xylene	20.5	2.0	1.4	ppbv		89.0	8.7	6.1	ug/m3
95-47-6	106.2	o-Xylene	9.5	2.0	0.77	ppbv		41	8.7	3.3	ug/m3
1330-20-7	106.2	Xylenes (total)	30.0	2.0	0.77	ppbv		130	8.7	3.3	ug/m3

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SV02_122325		
Lab Sample ID:	JE25995-1	**Date Sampled:**	12/23/25
Matrix:	AIR - Soil Vapor Comp. Summa ID: A1161	**Date Received:**	12/24/25
Method:	TO-15	**Percent Solids:**	n/a
Project:	252 3rd Street, Brooklyn, NY		

VOA TO15 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	94%		65-128%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SV03_122325		
Lab Sample ID:	JE25995-2	**Date Sampled:**	12/23/25
Matrix:	AIR - Soil Vapor Comp. Summa ID: A1633	**Date Received:**	12/24/25
Method:	TO-15	**Percent Solids:**	n/a
Project:	252 3rd Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7W19252.D	1	01/01/26 05:28	BK	n/a	n/a	V7W675
Run #2							

	Initial Volume
Run #1	100 ml
Run #2	

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone (2-Propanone)	24.0	0.80	0.58	ppbv		57.0	1.9	1.4	ug/m3
106-99-0	54.09	1,3-Butadiene	0.81	0.80	0.34	ppbv		1.8	1.8	0.75	ug/m3
71-43-2	78.11	Benzene	14.7	0.80	0.19	ppbv		47.0	2.6	0.61	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.40	0.12	ppbv		ND	2.7	0.80	ug/m3
75-25-2	252.8	Bromoform	ND	0.16	0.28	ppbv		ND	1.7	2.9	ug/m3
74-83-9	94.94	Bromomethane	ND	0.80	0.28	ppbv		ND	3.1	1.1	ug/m3
593-60-2	106.9	Bromoethene	ND	0.80	0.24	ppbv		ND	3.5	1.0	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.80	0.50	ppbv		ND	4.1	2.6	ug/m3
75-15-0	76.14	Carbon disulfide	2.8	0.80	0.45	ppbv		8.7	2.5	1.4	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.80	0.30	ppbv		ND	3.7	1.4	ug/m3
75-00-3	64.52	Chloroethane	ND	0.80	0.27	ppbv		ND	2.1	0.71	ug/m3
67-66-3	119.4	Chloroform	1.1	0.80	0.15	ppbv		5.4	3.9	0.73	ug/m3
74-87-3	50.49	Chloromethane	ND	0.80	0.36	ppbv		ND	1.7	0.74	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.80	0.33	ppbv		ND	2.5	1.0	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.80	0.29	ppbv		ND	4.1	1.5	ug/m3
56-23-5	153.8	Carbon tetrachloride	2.4	0.16	0.16	ppbv		15	1.0	1.0	ug/m3
110-82-7	84.16	Cyclohexane	9.0	0.80	0.18	ppbv		31	2.8	0.62	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.80	0.23	ppbv		ND	3.2	0.93	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.16	0.24	ppbv		ND	0.63	0.95	ug/m3
106-93-4	187.9	1,2-Dibromoethane (EDB)	ND	0.40	0.12	ppbv		ND	3.1	0.92	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.80	0.28	ppbv		ND	3.2	1.1	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.80	0.25	ppbv		ND	3.7	1.2	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.80	0.19	ppbv		ND	2.9	0.68	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.47	0.80	0.42	ppbv	J	2.3	4.0	2.1	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.40	0.49	ppbv		ND	3.4	4.2	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.80	0.28	ppbv		ND	3.2	1.1	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.16	0.12	ppbv		ND	0.63	0.48	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.80	0.25	ppbv		ND	3.6	1.1	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.40	0.11	ppbv		ND	2.4	0.66	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.16	0.28	ppbv		ND	0.96	1.7	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.40	0.32	ppbv		ND	2.4	1.9	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.80	0.40	ppbv		ND	3.6	1.8	ug/m3

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SV03_122325		
Lab Sample ID:	JE25995-2	**Date Sampled:**	12/23/25
Matrix:	AIR - Soil Vapor Comp. Summa ID: A1633	**Date Received:**	12/24/25
Method:	TO-15	**Percent Solids:**	n/a
Project:	252 3rd Street, Brooklyn, NY		

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
64-17-5	46.07	Ethanol	49.8	2.0	1.6	ppbv		93.8	3.8	3.0	ug/m3
100-41-4	106.2	Ethylbenzene	0.80	0.80	0.24	ppbv		3.5	3.5	1.0	ug/m3
141-78-6	88	Ethyl Acetate	ND	0.80	0.42	ppbv		ND	2.9	1.5	ug/m3
622-96-8	120.19	4-Ethyltoluene	ND	0.80	0.38	ppbv		ND	3.9	1.9	ug/m3
76-13-1	187.4	Freon 113	ND	0.40	0.12	ppbv		ND	3.1	0.92	ug/m3
76-14-2	170.9	Freon 114	ND	0.40	0.20	ppbv		ND	2.8	1.4	ug/m3
142-82-5	100.2	Heptane	2.1	0.80	0.36	ppbv		8.6	3.3	1.5	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.36	0.25	ppbv		ND	3.8	2.7	ug/m3
110-54-3	86.18	Hexane	2.2	0.80	0.21	ppbv		7.8	2.8	0.74	ug/m3
591-78-6	100	2-Hexanone	ND	0.80	0.58	ppbv		ND	3.3	2.4	ug/m3
67-63-0	60.1	Isopropyl Alcohol	15.5	0.80	0.56	ppbv		38.1	2.0	1.4	ug/m3
75-09-2	84.94	Methylene chloride	1.1	0.80	0.53	ppbv		3.8	2.8	1.8	ug/m3
78-93-3	72.11	Methyl ethyl ketone	2.2	0.80	0.21	ppbv		6.5	2.4	0.62	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.80	0.29	ppbv		ND	3.3	1.2	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.80	0.32	ppbv		ND	2.9	1.2	ug/m3
80-62-6	100.12	Methylmethacrylate	ND	0.80	0.28	ppbv		ND	3.3	1.1	ug/m3
91-20-3	128.17	Naphthalene	ND	0.80	0.51	ppbv		ND	4.2	2.7	ug/m3
115-07-1	42	Propylene	ND	2.0	0.19	ppbv		ND	3.4	0.33	ug/m3
100-42-5	104.1	Styrene	ND	0.80	0.21	ppbv		ND	3.4	0.89	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.40	0.31	ppbv		ND	2.2	1.7	ug/m3
79-34-5	167.85	1,1,2,2-Tetrachloroethane	ND	0.40	0.19	ppbv		ND	2.7	1.3	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.40	0.15	ppbv		ND	2.2	0.82	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.40	0.48	ppbv		ND	3.0	3.6	ug/m3
95-63-6	120.19	1,2,4-Trimethylbenzene	ND	0.80	0.35	ppbv		ND	3.9	1.7	ug/m3
108-67-8	120.19	1,3,5-Trimethylbenzene	ND	0.80	0.32	ppbv		ND	3.9	1.6	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	ND	0.80	0.16	ppbv		ND	3.7	0.75	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	0.83	0.80	0.37	ppbv		2.5	2.4	1.1	ug/m3
127-18-4	165.8	Tetrachloroethylene	1.3	0.16	0.12	ppbv		8.8	1.1	0.81	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.80	0.36	ppbv		ND	2.4	1.1	ug/m3
108-88-3	92.14	Toluene	1.7	0.80	0.23	ppbv		6.4	3.0	0.87	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.16	0.076	ppbv		ND	0.86	0.41	ug/m3
75-69-4	137.4	Trichlorofluoromethane	ND	0.40	0.23	ppbv		ND	2.2	1.3	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.16	0.28	ppbv		ND	0.41	0.72	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.80	0.45	ppbv		ND	2.8	1.6	ug/m3
	106.2	m,p-Xylene	2.7	0.80	0.56	ppbv		12	3.5	2.4	ug/m3
95-47-6	106.2	o-Xylene	0.66	0.80	0.31	ppbv	J	2.9	3.5	1.3	ug/m3
1330-20-7	106.2	Xylenes (total)	3.4	0.80	0.31	ppbv		15	3.5	1.3	ug/m3

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SV03_122325		
Lab Sample ID:	JE25995-2	**Date Sampled:**	12/23/25
Matrix:	AIR - Soil Vapor Comp. Summa ID: A1633	**Date Received:**	12/24/25
Method:	TO-15	**Percent Solids:**	n/a
Project:	252 3rd Street, Brooklyn, NY		

VOA TO15 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	94%		65-128%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SV07_122325		
Lab Sample ID:	JE25995-3	**Date Sampled:**	12/23/25
Matrix:	AIR - Soil Vapor Comp. Summa ID: A1356	**Date Received:**	12/24/25
Method:	TO-15	**Percent Solids:**	n/a
Project:	252 3rd Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7W19253.D	1	01/01/26 06:07	BK	n/a	n/a	V7W675
Run #2							

	Initial Volume
Run #1	100 ml
Run #2	

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone (2-Propanone)	27.2	0.80	0.58	ppbv		64.6	1.9	1.4	ug/m3
106-99-0	54.09	1,3-Butadiene	0.85	0.80	0.34	ppbv		1.9	1.8	0.75	ug/m3
71-43-2	78.11	Benzene	ND	0.80	0.19	ppbv		ND	2.6	0.61	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.40	0.12	ppbv		ND	2.7	0.80	ug/m3
75-25-2	252.8	Bromoform	ND	0.16	0.28	ppbv		ND	1.7	2.9	ug/m3
74-83-9	94.94	Bromomethane	ND	0.80	0.28	ppbv		ND	3.1	1.1	ug/m3
593-60-2	106.9	Bromoethene	ND	0.80	0.24	ppbv		ND	3.5	1.0	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.80	0.50	ppbv		ND	4.1	2.6	ug/m3
75-15-0	76.14	Carbon disulfide	1.1	0.80	0.45	ppbv		3.4	2.5	1.4	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.80	0.30	ppbv		ND	3.7	1.4	ug/m3
75-00-3	64.52	Chloroethane	ND	0.80	0.27	ppbv		ND	2.1	0.71	ug/m3
67-66-3	119.4	Chloroform	0.48	0.80	0.15	ppbv	J	2.3	3.9	0.73	ug/m3
74-87-3	50.49	Chloromethane	ND	0.80	0.36	ppbv		ND	1.7	0.74	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.80	0.33	ppbv		ND	2.5	1.0	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.80	0.29	ppbv		ND	4.1	1.5	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.16	0.16	ppbv		ND	1.0	1.0	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.80	0.18	ppbv		ND	2.8	0.62	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.80	0.23	ppbv		ND	3.2	0.93	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.16	0.24	ppbv		ND	0.63	0.95	ug/m3
106-93-4	187.9	1,2-Dibromoethane (EDB)	ND	0.40	0.12	ppbv		ND	3.1	0.92	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.80	0.28	ppbv		ND	3.2	1.1	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.80	0.25	ppbv		ND	3.7	1.2	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.80	0.19	ppbv		ND	2.9	0.68	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.52	0.80	0.42	ppbv	J	2.6	4.0	2.1	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.40	0.49	ppbv		ND	3.4	4.2	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.80	0.28	ppbv		ND	3.2	1.1	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.16	0.12	ppbv		ND	0.63	0.48	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.80	0.25	ppbv		ND	3.6	1.1	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.40	0.11	ppbv		ND	2.4	0.66	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.16	0.28	ppbv		ND	0.96	1.7	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.40	0.32	ppbv		ND	2.4	1.9	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.80	0.40	ppbv		ND	3.6	1.8	ug/m3

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SV07_122325		
Lab Sample ID:	JE25995-3	**Date Sampled:**	12/23/25
Matrix:	AIR - Soil Vapor Comp. Summa ID: A1356	**Date Received:**	12/24/25
Method:	TO-15	**Percent Solids:**	n/a
Project:	252 3rd Street, Brooklyn, NY		

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
64-17-5	46.07	Ethanol	67.8	2.0	1.6	ppbv		128	3.8	3.0	ug/m3
100-41-4	106.2	Ethylbenzene	0.60	0.80	0.24	ppbv	J	2.6	3.5	1.0	ug/m3
141-78-6	88	Ethyl Acetate	ND	0.80	0.42	ppbv		ND	2.9	1.5	ug/m3
622-96-8	120.19	4-Ethyltoluene	ND	0.80	0.38	ppbv		ND	3.9	1.9	ug/m3
76-13-1	187.4	Freon 113	ND	0.40	0.12	ppbv		ND	3.1	0.92	ug/m3
76-14-2	170.9	Freon 114	ND	0.40	0.20	ppbv		ND	2.8	1.4	ug/m3
142-82-5	100.2	Heptane	0.44	0.80	0.36	ppbv	J	1.8	3.3	1.5	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.36	0.25	ppbv		ND	3.8	2.7	ug/m3
110-54-3	86.18	Hexane	1.9	0.80	0.21	ppbv		6.7	2.8	0.74	ug/m3
591-78-6	100	2-Hexanone	ND	0.80	0.58	ppbv		ND	3.3	2.4	ug/m3
67-63-0	60.1	Isopropyl Alcohol	20.4	0.80	0.56	ppbv		50.1	2.0	1.4	ug/m3
75-09-2	84.94	Methylene chloride	ND	0.80	0.53	ppbv		ND	2.8	1.8	ug/m3
78-93-3	72.11	Methyl ethyl ketone	3.4	0.80	0.21	ppbv		10	2.4	0.62	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.80	0.29	ppbv		ND	3.3	1.2	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.80	0.32	ppbv		ND	2.9	1.2	ug/m3
80-62-6	100.12	Methylmethacrylate	ND	0.80	0.28	ppbv		ND	3.3	1.1	ug/m3
91-20-3	128.17	Naphthalene	ND	0.80	0.51	ppbv		ND	4.2	2.7	ug/m3
115-07-1	42	Propylene	ND	2.0	0.19	ppbv		ND	3.4	0.33	ug/m3
100-42-5	104.1	Styrene	ND	0.80	0.21	ppbv		ND	3.4	0.89	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.40	0.31	ppbv		ND	2.2	1.7	ug/m3
79-34-5	167.85	1,1,2,2-Tetrachloroethane	ND	0.40	0.19	ppbv		ND	2.7	1.3	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.40	0.15	ppbv		ND	2.2	0.82	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.40	0.48	ppbv		ND	3.0	3.6	ug/m3
95-63-6	120.19	1,2,4-Trimethylbenzene	ND	0.80	0.35	ppbv		ND	3.9	1.7	ug/m3
108-67-8	120.19	1,3,5-Trimethylbenzene	ND	0.80	0.32	ppbv		ND	3.9	1.6	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	ND	0.80	0.16	ppbv		ND	3.7	0.75	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	0.72	0.80	0.37	ppbv	J	2.2	2.4	1.1	ug/m3
127-18-4	165.8	Tetrachloroethylene	ND	0.16	0.12	ppbv		ND	1.1	0.81	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.80	0.36	ppbv		ND	2.4	1.1	ug/m3
108-88-3	92.14	Toluene	0.98	0.80	0.23	ppbv		3.7	3.0	0.87	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.16	0.076	ppbv		ND	0.86	0.41	ug/m3
75-69-4	137.4	Trichlorofluoromethane	ND	0.40	0.23	ppbv		ND	2.2	1.3	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.16	0.28	ppbv		ND	0.41	0.72	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.80	0.45	ppbv		ND	2.8	1.6	ug/m3
	106.2	m,p-Xylene	2.0	0.80	0.56	ppbv		8.7	3.5	2.4	ug/m3
95-47-6	106.2	o-Xylene	0.50	0.80	0.31	ppbv	J	2.2	3.5	1.3	ug/m3
1330-20-7	106.2	Xylenes (total)	2.5	0.80	0.31	ppbv		11	3.5	1.3	ug/m3

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SV07_122325		
Lab Sample ID:	JE25995-3	**Date Sampled:**	12/23/25
Matrix:	AIR - Soil Vapor Comp. Summa ID: A1356	**Date Received:**	12/24/25
Method:	TO-15	**Percent Solids:**	n/a
Project:	252 3rd Street, Brooklyn, NY		

VOA TO15 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	93%		65-128%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody
- Summa Canister and Flow Controller Log

AIR CHAIN OF CUSTODY

SGS North America Inc. - Dayton
2235 Route 130, Dayton, NJ 08810
TEL. 732-329-0200
www.sgs.com/ehsusa

Air

PAGE ___ OF ___

FED-EX Tracking #
Bottle Order Control #: CP-122625-132
SGS Quote #
SGS Job #: JE25995

Client / Reporting Information

Company Name: Langan NYC
Address: 360 Ninth Ave, 8th Fl
City: New York | State: NY | Zip: 10001
Project Contact: Elizabeth Adkins | E-mail: eadkins@langan.com
Phone #: (212)479-5400 | Fax #:
Sampler(s) Name(s):

Project Information

Project Name: 252 3rd Street
Street: 252 3rd Street
City: Brooklyn | State: NY
Project #: 170470401
Client Purchase Order #:

Weather Parameters

Temperature (Fahrenheit)
Start: 39°F | Maximum:
Stop: 39°F | Minimum:
Atmospheric Pressure (inches of Hg)
Start: 30.15 → Maximum:
Stop: 30.04 → Minimum:
Other weather comment:

Requested Analysis

VOCs via Method TO-15
Naphthalene

Lab Sample #	Field ID / Point of Collection	Air Type: Indoor (I) Soil Vap (SV) Ambient (A)	Sampling Equipment Info: Canister Serial #	Canister Size 6L or 1L	Flow Controller Serial #	Start Sampling Information: Date	Time (24hr clock)	Canister Pressure ("Hg)	Interior Temp (F)	Sampler Init.	Stop Sampling Information: Date	Time (24hr clock)	Canister Pressure ("Hg)	Interior Temp (F)	Sampler Init.	VOCs via Method TO-15	Naphthalene
1	SV02_122325	SV	A1161	6L	FC1322	12/23/25	12:56	-29	39	LC	12/23/25	14:48	-5	39	LC	X	X
2	SV03_122325	↓	A1633	↓	FC1374	↓	13:12	-30	↓	↓	↓	14:58	-5	↓	↓	X	X
3	SV07_122325	↓	A1356	↓	FC1366	↓	13:42	-30	↓	↓	↓	15:33	-5	↓	↓	X	X

Turnaround Time (Business days)

- [X] Standard - 15 Days
- [ ] 10 Day
- [ ] 5 Day
- [ ] 3 Day
- [ ] 2 Day
- [ ] 1 Day
- [ ] Other

Approved By:
Date:

Data Deliverable Information

All NJDEP TO-15 is Mandatory Full T1
Comm A
Comm B
Reduced T2
Full T1
Other: ASP-B
DKQP reporting

Comments / Remarks

Initial Assessment SA 3A
Label Verification
Sample inventory is verified upon receipt in the Laboratory

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by (Laboratory)	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	12/24/25	2	2 Customer Langan	12/23/25 16:40	2
Relinquished by: 3	Date Time:	Received By: 3	Relinquished by: 4	Date Time: 12/24/25 1030	Received By: 4
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal #		

Form:SM088-03D (revised 2-12-18)

http://www.sgs.com/en/terms-and-conditions

AIR SAMPLING EQUIPMENT RETURN FORM

Client: Langan NYC

Project: 252 3rd Street

Control: CF-121625-132

Job: 625995

Additional Summa Canisters

4 A1593

Additional Controllers

FC13100

Relinquished By:	Date&Time	Received By:	Date&Time
mp Wilke	1030 12/4/25	Alexandra Lugo	
Relinquished By:	Date&Time	Received By:	Date&Time
Custody Seal #'s:		# of Boxes or pieces in delivery	

NOTES:

SM086-03

Pub date: 3/12/18

4.1

4

SGS Sample Receipt Summary

Job Number: JE25995 **Client:** LANGAN ENGINEERING & ENVIRONMEN **Project:** 252 3RD STREET, BROOKLYN, NY

Date / Time Received: 12/24/2025 10:30:00 AM **Delivery Method:** IMPULSE **Airbill #'s:**

Cooler Temps (Raw Measured) °C:

Cooler Temps (Corrected) °C:

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☐		☐
2. Cooler temp verification:	N/A		
3. Cooler media:	N/A		
4. No. Coolers:	N/A		

Quality Control Preservation	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☑	☐
2. Trip Blank listed on COC:	☐		☑	☐
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☐		☐	☑

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Test Strip Lot #s: pH 1-12: 231619 pH 12+: 203117A Other: (Specify)

Comments

SM089-03
Rev. Date 12/7/17

JE25995: Chain of Custody
Page 3 of 3

Summa Canister and Flow Controller Log

Job Number: JE25995
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY
Received: 12/24/25

SUMMA CANISTERS

Shipping							Receiving					
Summa ID	L	Vac " Hg	Date Out	By	SCC Batch	SCC FileID	Sample Number	Date In	By	Vac " Hg	Pres psig	Final psig	Dil Fact
A1161	6	30	12/18/25	JT	CP13249	8W10699.D	JE25995-1	12/26/25	RZ	5			1
A1633	6	30	12/18/25	JT	CP13245	5W60171.D	JE25995-2	12/26/25	RZ	5			1
A1356	6	30	12/18/25	JT	CP13245	5W60171.D	JE25995-3	12/26/25	RZ	4.5			1

FLOW CONTROLLERS / OTHER

Shipping					Receiving				
Flow Crtl ID	Date Out	By	cc/ min	Time hrs.	Date In	By	cc/ min	Flow RPD	Equipment Type
FC1322	12/18/25	JT	41	2	01/05/26	JT	43	4.8	Flow Controller
FC1360	12/18/25	JT	42	2	01/05/26	JT	42	0	Flow Controller
FC1366	12/18/25	JT	41	2	01/05/26	JT	42	2.4	Flow Controller
FC1374	12/18/25	JT	42	2	01/05/26	JT	44	4.7	Flow Controller

SGS Bottle Order(s):
CF-121625-132

Prep Date	Room Temp(F)	Bar Pres "Hg
12/18/25	70	29.92

MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (BFB)
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JE25995
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V7W675-MB	7W19238.D	1	12/31/25	BK	n/a	n/a	V7W675

The QC reported here applies to the following samples: **Method:** TO-15

JE25995-1, JE25995-2, JE25995-3

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	Acetone (2-Propanone)	ND	0.20	0.15	ppbv		ND	0.48	ug/m3
106-99-0	1,3-Butadiene	ND	0.20	0.084	ppbv		ND	0.44	ug/m3
71-43-2	Benzene	ND	0.20	0.047	ppbv		ND	0.64	ug/m3
75-27-4	Bromodichloromethane	ND	0.20	0.030	ppbv		ND	1.3	ug/m3
75-25-2	Bromoform	ND	0.20	0.071	ppbv		ND	2.1	ug/m3
74-83-9	Bromomethane	ND	0.20	0.069	ppbv		ND	0.78	ug/m3
593-60-2	Bromoethene	ND	0.20	0.061	ppbv		ND	0.87	ug/m3
100-44-7	Benzyl Chloride	ND	0.20	0.13	ppbv		ND	1.0	ug/m3
75-15-0	Carbon disulfide	ND	0.20	0.11	ppbv		ND	0.62	ug/m3
108-90-7	Chlorobenzene	ND	0.20	0.074	ppbv		ND	0.92	ug/m3
75-00-3	Chloroethane	ND	0.20	0.068	ppbv		ND	0.53	ug/m3
67-66-3	Chloroform	ND	0.20	0.037	ppbv		ND	0.98	ug/m3
74-87-3	Chloromethane	ND	0.20	0.090	ppbv		ND	0.41	ug/m3
107-05-1	3-Chloropropene	ND	0.20	0.083	ppbv		ND	0.63	ug/m3
95-49-8	2-Chlorotoluene	ND	0.20	0.072	ppbv		ND	1.0	ug/m3
56-23-5	Carbon tetrachloride	ND	0.20	0.040	ppbv		ND	1.3	ug/m3
110-82-7	Cyclohexane	ND	0.20	0.045	ppbv		ND	0.69	ug/m3
75-34-3	1,1-Dichloroethane	ND	0.20	0.057	ppbv		ND	0.81	ug/m3
75-35-4	1,1-Dichloroethylene	ND	0.20	0.059	ppbv		ND	0.79	ug/m3
106-93-4	1,2-Dibromoethane (EDB)	ND	0.20	0.030	ppbv		ND	1.5	ug/m3
107-06-2	1,2-Dichloroethane	ND	0.20	0.070	ppbv		ND	0.81	ug/m3
78-87-5	1,2-Dichloropropane	ND	0.20	0.062	ppbv		ND	0.92	ug/m3
123-91-1	1,4-Dioxane	ND	0.20	0.048	ppbv		ND	0.72	ug/m3
75-71-8	Dichlorodifluoromethane	ND	0.20	0.10	ppbv		ND	0.99	ug/m3
124-48-1	Dibromochloromethane	ND	0.20	0.12	ppbv		ND	1.7	ug/m3
156-60-5	trans-1,2-Dichloroethylene	ND	0.20	0.069	ppbv		ND	0.79	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.20	0.030	ppbv		ND	0.79	ug/m3
10061-01-5	cis-1,3-Dichloropropene	ND	0.20	0.062	ppbv		ND	0.91	ug/m3
541-73-1	m-Dichlorobenzene	ND	0.20	0.028	ppbv		ND	1.2	ug/m3
95-50-1	o-Dichlorobenzene	ND	0.20	0.069	ppbv		ND	1.2	ug/m3
106-46-7	p-Dichlorobenzene	ND	0.20	0.079	ppbv		ND	1.2	ug/m3
10061-02-6	trans-1,3-Dichloropropene	ND	0.20	0.10	ppbv		ND	0.91	ug/m3
64-17-5	Ethanol	ND	0.50	0.39	ppbv		ND	0.94	ug/m3
100-41-4	Ethylbenzene	ND	0.20	0.061	ppbv		ND	0.87	ug/m3
141-78-6	Ethyl Acetate	ND	0.20	0.10	ppbv		ND	0.72	ug/m3
622-96-8	4-Ethyltoluene	ND	0.20	0.095	ppbv		ND	0.98	ug/m3

Method Blank Summary

Job Number: JE25995
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V7W675-MB	7W19238.D	1	12/31/25	BK	n/a	n/a	V7W675

The QC reported here applies to the following samples: **Method:** TO-15

JE25995-1, JE25995-2, JE25995-3

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
76-13-1	Freon 113	ND	0.20	0.031	ppbv		ND	1.5	ug/m3
76-14-2	Freon 114	ND	0.20	0.050	ppbv		ND	1.4	ug/m3
142-82-5	Heptane	ND	0.20	0.091	ppbv		ND	0.82	ug/m3
87-68-3	Hexachlorobutadiene	ND	0.20	0.062	ppbv		ND	2.1	ug/m3
110-54-3	Hexane	ND	0.20	0.052	ppbv		ND	0.70	ug/m3
591-78-6	2-Hexanone	ND	0.20	0.15	ppbv		ND	0.82	ug/m3
67-63-0	Isopropyl Alcohol	ND	0.20	0.14	ppbv		ND	0.49	ug/m3
75-09-2	Methylene chloride	ND	0.20	0.13	ppbv		ND	0.69	ug/m3
78-93-3	Methyl ethyl ketone	ND	0.20	0.052	ppbv		ND	0.59	ug/m3
108-10-1	Methyl Isobutyl Ketone	ND	0.20	0.073	ppbv		ND	0.82	ug/m3
1634-04-4	Methyl Tert Butyl Ether	ND	0.20	0.080	ppbv		ND	0.72	ug/m3
80-62-6	Methylmethacrylate	ND	0.20	0.070	ppbv		ND	0.82	ug/m3
91-20-3	Naphthalene	ND	0.20	0.13	ppbv		ND	1.0	ug/m3
115-07-1	Propylene	ND	0.50	0.048	ppbv		ND	0.86	ug/m3
100-42-5	Styrene	ND	0.20	0.053	ppbv		ND	0.85	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.20	0.078	ppbv		ND	1.1	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.20	0.048	ppbv		ND	1.4	ug/m3
79-00-5	1,1,2-Trichloroethane	ND	0.20	0.038	ppbv		ND	1.1	ug/m3
120-82-1	1,2,4-Trichlorobenzene	ND	0.20	0.12	ppbv		ND	1.5	ug/m3
95-63-6	1,2,4-Trimethylbenzene	ND	0.20	0.087	ppbv		ND	0.98	ug/m3
108-67-8	1,3,5-Trimethylbenzene	ND	0.20	0.080	ppbv		ND	0.98	ug/m3
540-84-1	2,2,4-Trimethylpentane	ND	0.20	0.040	ppbv		ND	0.93	ug/m3
75-65-0	Tertiary Butyl Alcohol	ND	0.20	0.093	ppbv		ND	0.61	ug/m3
127-18-4	Tetrachloroethylene	ND	0.040	0.030	ppbv		ND	0.27	ug/m3
109-99-9	Tetrahydrofuran	ND	0.20	0.090	ppbv		ND	0.59	ug/m3
108-88-3	Toluene	ND	0.20	0.057	ppbv		ND	0.75	ug/m3
79-01-6	Trichloroethylene	ND	0.040	0.019	ppbv		ND	0.21	ug/m3
75-69-4	Trichlorofluoromethane	ND	0.20	0.057	ppbv		ND	1.1	ug/m3
75-01-4	Vinyl chloride	ND	0.20	0.069	ppbv		ND	0.51	ug/m3
108-05-4	Vinyl Acetate	ND	0.20	0.11	ppbv		ND	0.70	ug/m3
	m,p-Xylene	ND	0.20	0.14	ppbv		ND	0.87	ug/m3
95-47-6	o-Xylene	ND	0.20	0.077	ppbv		ND	0.87	ug/m3
1330-20-7	Xylenes (total)	ND	0.20	0.077	ppbv		ND	0.87	ug/m3

Method Blank Summary

Job Number: JE25995
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V7W675-MB	7W19238.D	1	12/31/25	BK	n/a	n/a	V7W675

The QC reported here applies to the following samples: **Method:** TO-15

JE25995-1, JE25995-2, JE25995-3

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	93%	65-128%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ppbv	

Method Blank Summary

Job Number: JE25995
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5W2306-MB	5W60145.D	1	12/04/25	BK	n/a	n/a	V5W2306

The QC reported here applies to the following samples: **Method:** TO-15

V5W2306-SCC

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	Acetone (2-Propanone)	ND	0.20	0.15	ppbv		ND	0.48	ug/m3
106-99-0	1,3-Butadiene	ND	0.20	0.084	ppbv		ND	0.44	ug/m3
71-43-2	Benzene	ND	0.20	0.047	ppbv		ND	0.64	ug/m3
75-27-4	Bromodichloromethane	ND	0.20	0.030	ppbv		ND	1.3	ug/m3
75-25-2	Bromoform	ND	0.20	0.071	ppbv		ND	2.1	ug/m3
74-83-9	Bromomethane	ND	0.20	0.069	ppbv		ND	0.78	ug/m3
593-60-2	Bromoethene	ND	0.20	0.061	ppbv		ND	0.87	ug/m3
100-44-7	Benzyl Chloride	ND	0.20	0.13	ppbv		ND	1.0	ug/m3
75-15-0	Carbon disulfide	ND	0.20	0.11	ppbv		ND	0.62	ug/m3
108-90-7	Chlorobenzene	ND	0.20	0.074	ppbv		ND	0.92	ug/m3
75-00-3	Chloroethane	ND	0.20	0.068	ppbv		ND	0.53	ug/m3
67-66-3	Chloroform	ND	0.20	0.037	ppbv		ND	0.98	ug/m3
74-87-3	Chloromethane	ND	0.20	0.090	ppbv		ND	0.41	ug/m3
107-05-1	3-Chloropropene	ND	0.20	0.083	ppbv		ND	0.63	ug/m3
95-49-8	2-Chlorotoluene	ND	0.20	0.072	ppbv		ND	1.0	ug/m3
56-23-5	Carbon tetrachloride	ND	0.20	0.040	ppbv		ND	1.3	ug/m3
110-82-7	Cyclohexane	ND	0.20	0.045	ppbv		ND	0.69	ug/m3
75-34-3	1,1-Dichloroethane	ND	0.20	0.057	ppbv		ND	0.81	ug/m3
75-35-4	1,1-Dichloroethylene	ND	0.20	0.059	ppbv		ND	0.79	ug/m3
106-93-4	1,2-Dibromoethane (EDB)	ND	0.20	0.030	ppbv		ND	1.5	ug/m3
107-06-2	1,2-Dichloroethane	ND	0.20	0.070	ppbv		ND	0.81	ug/m3
78-87-5	1,2-Dichloropropane	ND	0.20	0.062	ppbv		ND	0.92	ug/m3
123-91-1	1,4-Dioxane	ND	0.20	0.048	ppbv		ND	0.72	ug/m3
75-71-8	Dichlorodifluoromethane	ND	0.20	0.10	ppbv		ND	0.99	ug/m3
124-48-1	Dibromochloromethane	ND	0.20	0.12	ppbv		ND	1.7	ug/m3
156-60-5	trans-1,2-Dichloroethylene	ND	0.20	0.069	ppbv		ND	0.79	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.20	0.030	ppbv		ND	0.79	ug/m3
10061-01-5	cis-1,3-Dichloropropene	ND	0.20	0.062	ppbv		ND	0.91	ug/m3
541-73-1	m-Dichlorobenzene	ND	0.20	0.028	ppbv		ND	1.2	ug/m3
95-50-1	o-Dichlorobenzene	ND	0.20	0.069	ppbv		ND	1.2	ug/m3
106-46-7	p-Dichlorobenzene	ND	0.20	0.079	ppbv		ND	1.2	ug/m3
10061-02-6	trans-1,3-Dichloropropene	ND	0.20	0.10	ppbv		ND	0.91	ug/m3
64-17-5	Ethanol	ND	0.50	0.39	ppbv		ND	0.94	ug/m3
100-41-4	Ethylbenzene	ND	0.20	0.061	ppbv		ND	0.87	ug/m3
141-78-6	Ethyl Acetate	ND	0.20	0.10	ppbv		ND	0.72	ug/m3
622-96-8	4-Ethyltoluene	ND	0.20	0.095	ppbv		ND	0.98	ug/m3

Method Blank Summary

Job Number: JE25995
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5W2306-MB	5W60145.D	1	12/04/25	BK	n/a	n/a	V5W2306

The QC reported here applies to the following samples: **Method:** TO-15

V5W2306-SCC

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
76-13-1	Freon 113	ND	0.20	0.031	ppbv		ND	1.5	ug/m3
76-14-2	Freon 114	ND	0.20	0.050	ppbv		ND	1.4	ug/m3
142-82-5	Heptane	ND	0.20	0.091	ppbv		ND	0.82	ug/m3
87-68-3	Hexachlorobutadiene	ND	0.20	0.062	ppbv		ND	2.1	ug/m3
110-54-3	Hexane	ND	0.20	0.052	ppbv		ND	0.70	ug/m3
591-78-6	2-Hexanone	ND	0.20	0.15	ppbv		ND	0.82	ug/m3
67-63-0	Isopropyl Alcohol	ND	0.20	0.14	ppbv		ND	0.49	ug/m3
75-09-2	Methylene chloride	ND	0.20	0.13	ppbv		ND	0.69	ug/m3
78-93-3	Methyl ethyl ketone	ND	0.20	0.052	ppbv		ND	0.59	ug/m3
108-10-1	Methyl Isobutyl Ketone	ND	0.20	0.073	ppbv		ND	0.82	ug/m3
1634-04-4	Methyl Tert Butyl Ether	ND	0.20	0.080	ppbv		ND	0.72	ug/m3
80-62-6	Methylmethacrylate	ND	0.20	0.070	ppbv		ND	0.82	ug/m3
91-20-3	Naphthalene	ND	0.20	0.13	ppbv		ND	1.0	ug/m3
115-07-1	Propylene	ND	0.50	0.048	ppbv		ND	0.86	ug/m3
100-42-5	Styrene	ND	0.20	0.053	ppbv		ND	0.85	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.20	0.078	ppbv		ND	1.1	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.20	0.048	ppbv		ND	1.4	ug/m3
79-00-5	1,1,2-Trichloroethane	ND	0.20	0.038	ppbv		ND	1.1	ug/m3
120-82-1	1,2,4-Trichlorobenzene	ND	0.20	0.12	ppbv		ND	1.5	ug/m3
95-63-6	1,2,4-Trimethylbenzene	ND	0.20	0.087	ppbv		ND	0.98	ug/m3
108-67-8	1,3,5-Trimethylbenzene	ND	0.20	0.080	ppbv		ND	0.98	ug/m3
540-84-1	2,2,4-Trimethylpentane	ND	0.20	0.040	ppbv		ND	0.93	ug/m3
75-65-0	Tertiary Butyl Alcohol	ND	0.20	0.093	ppbv		ND	0.61	ug/m3
127-18-4	Tetrachloroethylene	ND	0.040	0.030	ppbv		ND	0.27	ug/m3
109-99-9	Tetrahydrofuran	ND	0.20	0.090	ppbv		ND	0.59	ug/m3
108-88-3	Toluene	ND	0.20	0.057	ppbv		ND	0.75	ug/m3
79-01-6	Trichloroethylene	ND	0.040	0.019	ppbv		ND	0.21	ug/m3
75-69-4	Trichlorofluoromethane	ND	0.20	0.057	ppbv		ND	1.1	ug/m3
75-01-4	Vinyl chloride	ND	0.20	0.069	ppbv		ND	0.51	ug/m3
108-05-4	Vinyl Acetate	ND	0.20	0.11	ppbv		ND	0.70	ug/m3
	m,p-Xylene	ND	0.20	0.14	ppbv		ND	0.87	ug/m3
95-47-6	o-Xylene	ND	0.20	0.077	ppbv		ND	0.87	ug/m3
1330-20-7	Xylenes (total)	ND	0.20	0.077	ppbv		ND	0.87	ug/m3

Method Blank Summary

Job Number: JE25995
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5W2306-MB	5W60145.D	1	12/04/25	BK	n/a	n/a	V5W2306

The QC reported here applies to the following samples: **Method:** TO-15

V5W2306-SCC

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	106%	65-128%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ppbv	

Method Blank Summary

Job Number: JE25995
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V8W389-MB	8W10675.D	1	12/08/25	TCH	n/a	n/a	V8W389

The QC reported here applies to the following samples: **Method:** TO-15

V8W389-SCC

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	Acetone (2-Propanone)	ND	0.20	0.15	ppbv		ND	0.48	ug/m3
106-99-0	1,3-Butadiene	ND	0.20	0.084	ppbv		ND	0.44	ug/m3
71-43-2	Benzene	ND	0.20	0.047	ppbv		ND	0.64	ug/m3
75-27-4	Bromodichloromethane	ND	0.20	0.030	ppbv		ND	1.3	ug/m3
75-25-2	Bromoform	ND	0.20	0.071	ppbv		ND	2.1	ug/m3
74-83-9	Bromomethane	ND	0.20	0.069	ppbv		ND	0.78	ug/m3
593-60-2	Bromoethene	ND	0.20	0.061	ppbv		ND	0.87	ug/m3
100-44-7	Benzyl Chloride	ND	0.20	0.13	ppbv		ND	1.0	ug/m3
75-15-0	Carbon disulfide	ND	0.20	0.11	ppbv		ND	0.62	ug/m3
108-90-7	Chlorobenzene	ND	0.20	0.074	ppbv		ND	0.92	ug/m3
75-00-3	Chloroethane	ND	0.20	0.068	ppbv		ND	0.53	ug/m3
67-66-3	Chloroform	ND	0.20	0.037	ppbv		ND	0.98	ug/m3
74-87-3	Chloromethane	ND	0.20	0.090	ppbv		ND	0.41	ug/m3
107-05-1	3-Chloropropene	ND	0.20	0.083	ppbv		ND	0.63	ug/m3
95-49-8	2-Chlorotoluene	ND	0.20	0.072	ppbv		ND	1.0	ug/m3
56-23-5	Carbon tetrachloride	ND	0.20	0.040	ppbv		ND	1.3	ug/m3
110-82-7	Cyclohexane	ND	0.20	0.045	ppbv		ND	0.69	ug/m3
75-34-3	1,1-Dichloroethane	ND	0.20	0.057	ppbv		ND	0.81	ug/m3
75-35-4	1,1-Dichloroethylene	ND	0.20	0.059	ppbv		ND	0.79	ug/m3
106-93-4	1,2-Dibromoethane (EDB)	ND	0.20	0.030	ppbv		ND	1.5	ug/m3
107-06-2	1,2-Dichloroethane	ND	0.20	0.070	ppbv		ND	0.81	ug/m3
78-87-5	1,2-Dichloropropane	ND	0.20	0.062	ppbv		ND	0.92	ug/m3
123-91-1	1,4-Dioxane	ND	0.20	0.048	ppbv		ND	0.72	ug/m3
75-71-8	Dichlorodifluoromethane	ND	0.20	0.10	ppbv		ND	0.99	ug/m3
124-48-1	Dibromochloromethane	ND	0.20	0.12	ppbv		ND	1.7	ug/m3
156-60-5	trans-1,2-Dichloroethylene	ND	0.20	0.069	ppbv		ND	0.79	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.20	0.030	ppbv		ND	0.79	ug/m3
10061-01-5	cis-1,3-Dichloropropene	ND	0.20	0.062	ppbv		ND	0.91	ug/m3
541-73-1	m-Dichlorobenzene	ND	0.20	0.028	ppbv		ND	1.2	ug/m3
95-50-1	o-Dichlorobenzene	ND	0.20	0.069	ppbv		ND	1.2	ug/m3
106-46-7	p-Dichlorobenzene	ND	0.20	0.079	ppbv		ND	1.2	ug/m3
10061-02-6	trans-1,3-Dichloropropene	ND	0.20	0.10	ppbv		ND	0.91	ug/m3
64-17-5	Ethanol	ND	0.50	0.39	ppbv		ND	0.94	ug/m3
100-41-4	Ethylbenzene	ND	0.20	0.061	ppbv		ND	0.87	ug/m3
141-78-6	Ethyl Acetate	ND	0.20	0.10	ppbv		ND	0.72	ug/m3
622-96-8	4-Ethyltoluene	ND	0.20	0.095	ppbv		ND	0.98	ug/m3

Method Blank Summary

Job Number: JE25995
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V8W389-MB	8W10675.D	1	12/08/25	TCH	n/a	n/a	V8W389

The QC reported here applies to the following samples: **Method:** TO-15

V8W389-SCC

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
76-13-1	Freon 113	ND	0.20	0.031	ppbv		ND	1.5	ug/m3
76-14-2	Freon 114	ND	0.20	0.050	ppbv		ND	1.4	ug/m3
142-82-5	Heptane	ND	0.20	0.091	ppbv		ND	0.82	ug/m3
87-68-3	Hexachlorobutadiene	ND	0.20	0.062	ppbv		ND	2.1	ug/m3
110-54-3	Hexane	ND	0.20	0.052	ppbv		ND	0.70	ug/m3
591-78-6	2-Hexanone	ND	0.20	0.15	ppbv		ND	0.82	ug/m3
67-63-0	Isopropyl Alcohol	ND	0.20	0.14	ppbv		ND	0.49	ug/m3
75-09-2	Methylene chloride	ND	0.20	0.13	ppbv		ND	0.69	ug/m3
78-93-3	Methyl ethyl ketone	ND	0.20	0.052	ppbv		ND	0.59	ug/m3
108-10-1	Methyl Isobutyl Ketone	ND	0.20	0.073	ppbv		ND	0.82	ug/m3
1634-04-4	Methyl Tert Butyl Ether	ND	0.20	0.080	ppbv		ND	0.72	ug/m3
80-62-6	Methylmethacrylate	ND	0.20	0.070	ppbv		ND	0.82	ug/m3
91-20-3	Naphthalene	ND	0.20	0.13	ppbv		ND	1.0	ug/m3
115-07-1	Propylene	ND	0.50	0.048	ppbv		ND	0.86	ug/m3
100-42-5	Styrene	ND	0.20	0.053	ppbv		ND	0.85	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.20	0.078	ppbv		ND	1.1	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.20	0.048	ppbv		ND	1.4	ug/m3
79-00-5	1,1,2-Trichloroethane	ND	0.20	0.038	ppbv		ND	1.1	ug/m3
120-82-1	1,2,4-Trichlorobenzene	ND	0.20	0.12	ppbv		ND	1.5	ug/m3
95-63-6	1,2,4-Trimethylbenzene	ND	0.20	0.087	ppbv		ND	0.98	ug/m3
108-67-8	1,3,5-Trimethylbenzene	ND	0.20	0.080	ppbv		ND	0.98	ug/m3
540-84-1	2,2,4-Trimethylpentane	ND	0.20	0.040	ppbv		ND	0.93	ug/m3
75-65-0	Tertiary Butyl Alcohol	ND	0.20	0.093	ppbv		ND	0.61	ug/m3
127-18-4	Tetrachloroethylene	ND	0.040	0.030	ppbv		ND	0.27	ug/m3
109-99-9	Tetrahydrofuran	ND	0.20	0.090	ppbv		ND	0.59	ug/m3
108-88-3	Toluene	ND	0.20	0.057	ppbv		ND	0.75	ug/m3
79-01-6	Trichloroethylene	ND	0.040	0.019	ppbv		ND	0.21	ug/m3
75-69-4	Trichlorofluoromethane	ND	0.20	0.057	ppbv		ND	1.1	ug/m3
75-01-4	Vinyl chloride	ND	0.20	0.069	ppbv		ND	0.51	ug/m3
108-05-4	Vinyl Acetate	ND	0.20	0.11	ppbv		ND	0.70	ug/m3
	m,p-Xylene	ND	0.20	0.14	ppbv		ND	0.87	ug/m3
95-47-6	o-Xylene	ND	0.20	0.077	ppbv		ND	0.87	ug/m3
1330-20-7	Xylenes (total)	ND	0.20	0.077	ppbv		ND	0.87	ug/m3

Method Blank Summary

Job Number: JE25995
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V8W389-MB	8W10675.D	1	12/08/25	TCH	n/a	n/a	V8W389

The QC reported here applies to the following samples: **Method:** TO-15

V8W389-SCC

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	91%	65-128%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ppbv	

Blank Spike/Blank Spike Duplicate Summary

Job Number: JE25995
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V7W675-BS	7W19235.D	1	12/31/25	BK	n/a	n/a	V7W675
V7W675-BSD	7W19236.D	1	12/31/25	BK	n/a	n/a	V7W675

The QC reported here applies to the following samples: **Method:** TO-15

JE25995-1, JE25995-2, JE25995-3

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
67-64-1	Acetone (2-Propanone)	10.4	11.0	106	10.8	104	2	70-130/30
106-99-0	1,3-Butadiene	10.3	11.0	107	10.8	105	2	70-130/30
71-43-2	Benzene	10.4	7.8	75	7.7	74	1	70-130/30
75-27-4	Bromodichloromethane	9.9	9.9	100	9.6	97	3	70-130/30
75-25-2	Bromoform	10.6	13.5	127	13.0	123	4	70-130/30
74-83-9	Bromomethane	10.2	10.4	102	10.4	102	0	70-130/30
593-60-2	Bromoethene	10.1	10.8	107	10.6	105	2	70-130/30
100-44-7	Benzyl Chloride	10.5	11.2	107	10.8	103	4	70-130/30
75-15-0	Carbon disulfide	10.6	9.6	91	9.3	88	3	70-130/30
108-90-7	Chlorobenzene	10.9	10.6	97	10.3	94	3	70-130/30
75-00-3	Chloroethane	10	9.0	90	8.8	88	2	70-130/30
67-66-3	Chloroform	10.5	9.7	92	9.6	91	1	70-130/30
74-87-3	Chloromethane	10.6	11.6	109	11.5	108	1	70-130/30
107-05-1	3-Chloropropene	10.2	9.2	90	9.0	88	2	70-130/30
95-49-8	2-Chlorotoluene	10.4	10.6	102	10.2	98	4	70-130/30
56-23-5	Carbon tetrachloride	10.2	11.7	115	11.5	113	2	70-130/30
110-82-7	Cyclohexane	10.4	8.4	81	8.1	78	4	70-130/30
75-34-3	1,1-Dichloroethane	10.2	10.1	99	9.8	96	3	70-130/30
75-35-4	1,1-Dichloroethylene	10.7	10.8	101	10.8	101	0	70-130/30
106-93-4	1,2-Dibromoethane (EDB)	11	10.7	97	10.5	95	2	70-130/30
107-06-2	1,2-Dichloroethane	10.2	10.5	103	10.4	102	1	70-130/30
78-87-5	1,2-Dichloropropane	10.3	8.6	83	8.5	83	1	70-130/30
123-91-1	1,4-Dioxane	9.9	8.5	86	8.3	84	2	70-130/30
75-71-8	Dichlorodifluoromethane	10.6	11.7	110	11.7	110	0	70-130/30
124-48-1	Dibromochloromethane	10.4	12.1	116	11.8	113	3	70-130/30
156-60-5	trans-1,2-Dichloroethylene	10.2	9.8	96	9.5	93	3	70-130/30
156-59-2	cis-1,2-Dichloroethylene	10.4	8.9	86	8.8	85	1	70-130/30
10061-01-5	cis-1,3-Dichloropropene	10.1	9.1	90	8.8	87	3	70-130/30
541-73-1	m-Dichlorobenzene	10.5	10.5	100	10.3	98	2	70-130/30
95-50-1	o-Dichlorobenzene	10.7	10.9	102	10.5	98	4	70-130/30
106-46-7	p-Dichlorobenzene	10.8	10.9	101	10.7	99	2	70-130/30
10061-02-6	trans-1,3-Dichloropropene	9.6	9.4	98	9.2	96	2	70-130/30
64-17-5	Ethanol	9.7	11.4	118	11.2	115	2	70-130/30
100-41-4	Ethylbenzene	11	10.3	94	10	91	3	70-130/30
141-78-6	Ethyl Acetate	10.5	8.9	85	8.9	85	0	70-130/30
622-96-8	4-Ethyltoluene	10.6	10.4	98	10.0	94	4	70-130/30

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: JE25995
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V7W675-BS	7W19235.D	1	12/31/25	BK	n/a	n/a	V7W675
V7W675-BSD	7W19236.D	1	12/31/25	BK	n/a	n/a	V7W675

The QC reported here applies to the following samples: **Method:** TO-15

JE25995-1, JE25995-2, JE25995-3

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
76-13-1	Freon 113	10.6	12.0	113	11.9	112	1	70-130/30
76-14-2	Freon 114	10.4	10.5	101	10.5	101	0	70-130/30
142-82-5	Heptane	10.4	9.5	91	9.3	89	2	70-130/30
87-68-3	Hexachlorobutadiene	11.7	13.0	111	12.5	107	4	70-130/30
110-54-3	Hexane	10.5	9.1	87	8.9	85	2	70-130/30
591-78-6	2-Hexanone	10.4	8.5	82	8.4	81	1	70-130/30
67-63-0	Isopropyl Alcohol	10.5	12.4	118	12.4	118	0	70-130/30
75-09-2	Methylene chloride	10.2	9.0	88	9.0	88	0	70-130/30
78-93-3	Methyl ethyl ketone	10.4	7.4	71	7.6	73	3	70-130/30
108-10-1	Methyl Isobutyl Ketone	10.2	8.7	85	8.7	85	0	70-130/30
1634-04-4	Methyl Tert Butyl Ether	10.5	9.1	87	9.0	86	1	70-130/30
80-62-6	Methylmethacrylate	10.3	8.4	82	8.3	81	1	70-130/30
91-20-3	Naphthalene	11.8	13.3	113	12.9	109	3	70-130/30
115-07-1	Propylene	10.6	9.4	89	9.3	88	1	70-130/30
100-42-5	Styrene	10.9	10.3	94	9.9	91	4	70-130/30
71-55-6	1,1,1-Trichloroethane	10.4	10.8	104	10.7	103	1	70-130/30
79-34-5	1,1,2,2-Tetrachloroethane	11	9.4	85	9.1	83	3	70-130/30
79-00-5	1,1,2-Trichloroethane	10.5	9.0	86	8.9	85	1	70-130/30
120-82-1	1,2,4-Trichlorobenzene	11.7	12.4	106	12.2	104	2	70-130/30
95-63-6	1,2,4-Trimethylbenzene	10.9	10.9	100	10.5	96	4	70-130/30
108-67-8	1,3,5-Trimethylbenzene	10.7	10.5	98	10.2	95	3	70-130/30
540-84-1	2,2,4-Trimethylpentane	10.2	9.1	89	8.9	87	2	70-130/30
75-65-0	Tertiary Butyl Alcohol	9.6	9.8	102	9.6	100	2	70-130/30
127-18-4	Tetrachloroethylene	10.7	11.5	107	11.4	107	1	70-130/30
109-99-9	Tetrahydrofuran	9.7	7.4	76	7.5	77	1	70-130/30
108-88-3	Toluene	10.6	9.4	89	9.2	87	2	70-130/30
79-01-6	Trichloroethylene	9.9	9.4	95	9.1	92	3	70-130/30
75-69-4	Trichlorofluoromethane	10.1	12.2	121	11.8	117	3	70-130/30
75-01-4	Vinyl chloride	10.2	10.1	99	10	98	1	70-130/30
108-05-4	Vinyl Acetate	10.2	8.3	81	8.3	81	0	70-130/30
	m,p-Xylene	21.2	20.2	95	19.6	92	3	70-130/30
95-47-6	o-Xylene	11	10.6	96	10.3	94	3	70-130/30
1330-20-7	Xylenes (total)	32.2	30.8	96	29.8	93	3	70-130/30

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: JE25995
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V7W675-BS	7W19235.D	1	12/31/25	BK	n/a	n/a	V7W675
V7W675-BSD	7W19236.D	1	12/31/25	BK	n/a	n/a	V7W675

The QC reported here applies to the following samples: **Method:** TO-15

JE25995-1, JE25995-2, JE25995-3

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
460-00-4	4-Bromofluorobenzene	98%	96%	65-128%

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: JE25995
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5W2306-BS	5W60142.D	1	12/04/25	BK	n/a	n/a	V5W2306
V5W2306-BSD	5W60143.D	1	12/04/25	BK	n/a	n/a	V5W2306

The QC reported here applies to the following samples: **Method:** TO-15

V5W2306-SCC

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
67-64-1	Acetone (2-Propanone)	10.4	11.2	108	10.7	103	5	70-130/30
106-99-0	1,3-Butadiene	10.3	12.8	124	13.0	126	2	70-130/30
71-43-2	Benzene	10.4	11.6	112	11.0	106	5	70-130/30
75-27-4	Bromodichloromethane	9.9	11.8	119	11.3	114	4	70-130/30
75-25-2	Bromoform	10.6	14.7	139* [a]	14.7	139* [a]	0	70-130/30
74-83-9	Bromomethane	10.2	11.5	113	11.6	114	1	70-130/30
593-60-2	Bromoethene	10.1	12.1	120	11.3	112	7	70-130/30
100-44-7	Benzyl Chloride	10.5	13.4	128	13.3	127	1	70-130/30
75-15-0	Carbon disulfide	10.6	11.7	110	11.1	105	5	70-130/30
108-90-7	Chlorobenzene	10.9	12.6	116	12.0	110	5	70-130/30
75-00-3	Chloroethane	10	9.9	99	9.8	98	1	70-130/30
67-66-3	Chloroform	10.5	12.1	115	11.7	111	3	70-130/30
74-87-3	Chloromethane	10.6	12.4	117	11.7	110	6	70-130/30
107-05-1	3-Chloropropene	10.2	10.8	106	10.3	101	5	70-130/30
95-49-8	2-Chlorotoluene	10.4	11.5	111	11.4	110	1	70-130/30
56-23-5	Carbon tetrachloride	10.2	12.6	124	12.3	121	2	70-130/30
110-82-7	Cyclohexane	10.4	11.6	112	11.0	106	5	70-130/30
75-34-3	1,1-Dichloroethane	10.2	10.4	102	10	98	4	70-130/30
75-35-4	1,1-Dichloroethylene	10.7	10.6	99	10.2	95	4	70-130/30
106-93-4	1,2-Dibromoethane (EDB)	11	12.9	117	12.6	115	2	70-130/30
107-06-2	1,2-Dichloroethane	10.2	11.6	114	10.9	107	6	70-130/30
78-87-5	1,2-Dichloropropane	10.3	9.9	96	9.3	90	6	70-130/30
123-91-1	1,4-Dioxane	9.9	11.9	120	11.2	113	6	70-130/30
75-71-8	Dichlorodifluoromethane	10.6	12.7	120	12.0	113	6	70-130/30
124-48-1	Dibromochloromethane	10.4	12.6	121	12.2	117	3	70-130/30
156-60-5	trans-1,2-Dichloroethylene	10.2	10.5	103	10.1	99	4	70-130/30
156-59-2	cis-1,2-Dichloroethylene	10.4	10.1	97	9.7	93	4	70-130/30
10061-01-5	cis-1,3-Dichloropropene	10.1	11.1	110	10.4	103	7	70-130/30
541-73-1	m-Dichlorobenzene	10.5	13.6	130	13.7	130	1	70-130/30
95-50-1	o-Dichlorobenzene	10.7	12.5	117	12.5	117	0	70-130/30
106-46-7	p-Dichlorobenzene	10.8	12.4	115	12.5	116	1	70-130/30
10061-02-6	trans-1,3-Dichloropropene	9.6	10.4	108	10.0	104	4	70-130/30
64-17-5	Ethanol	9.7	12.4	128	11.5	119	8	70-130/30
100-41-4	Ethylbenzene	11	12.0	109	11.9	108	1	70-130/30
141-78-6	Ethyl Acetate	10.5	13.5	129	12.8	122	5	70-130/30
622-96-8	4-Ethyltoluene	10.6	13.5	127	13.1	124	3	70-130/30

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: JE25995
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5W2306-BS	5W60142.D	1	12/04/25	BK	n/a	n/a	V5W2306
V5W2306-BSD	5W60143.D	1	12/04/25	BK	n/a	n/a	V5W2306

The QC reported here applies to the following samples: **Method:** TO-15

V5W2306-SCC

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
76-13-1	Freon 113	10.6	13.0	123	12.3	116	6	70-130/30
76-14-2	Freon 114	10.4	14.1	136* [a]	13.2	127	7	70-130/30
142-82-5	Heptane	10.4	11.1	107	10.6	102	5	70-130/30
87-68-3	Hexachlorobutadiene	11.7	15.3	131* [a]	15.3	131* [a]	0	70-130/30
110-54-3	Hexane	10.5	11.2	107	10.7	102	5	70-130/30
591-78-6	2-Hexanone	10.4	12.5	120	12.2	117	2	70-130/30
67-63-0	Isopropyl Alcohol	10.5	11.0	105	10.6	101	4	70-130/30
75-09-2	Methylene chloride	10.2	10.2	100	9.7	95	5	70-130/30
78-93-3	Methyl ethyl ketone	10.4	13.4	129	12.6	121	6	70-130/30
108-10-1	Methyl Isobutyl Ketone	10.2	12.4	122	11.5	113	8	70-130/30
1634-04-4	Methyl Tert Butyl Ether	10.5	11.0	105	10.6	101	4	70-130/30
80-62-6	Methylmethacrylate	10.3	12.1	117	11.5	112	5	70-130/30
91-20-3	Naphthalene	11.8	11.9	101	12.0	102	1	70-130/30
115-07-1	Propylene	10.6	10.5	99	10	94	5	70-130/30
100-42-5	Styrene	10.9	12.6	116	12.5	115	1	70-130/30
71-55-6	1,1,1-Trichloroethane	10.4	11.9	114	11.5	111	3	70-130/30
79-34-5	1,1,2,2-Tetrachloroethane	11	12.7	115	12.6	115	1	70-130/30
79-00-5	1,1,2-Trichloroethane	10.5	11.7	111	11.0	105	6	70-130/30
120-82-1	1,2,4-Trichlorobenzene	11.7	12.9	110	12.7	109	2	70-130/30
95-63-6	1,2,4-Trimethylbenzene	10.9	14.1	129	14.0	128	1	70-130/30
108-67-8	1,3,5-Trimethylbenzene	10.7	12.1	113	12.0	112	1	70-130/30
540-84-1	2,2,4-Trimethylpentane	10.2	12.0	118	11.3	111	6	70-130/30
75-65-0	Tertiary Butyl Alcohol	9.6	10.8	113	10.1	105	7	70-130/30
127-18-4	Tetrachloroethylene	10.7	13.2	123	13.1	122	1	70-130/30
109-99-9	Tetrahydrofuran	9.7	12.0	124	11.7	121	3	70-130/30
108-88-3	Toluene	10.6	11.1	105	10.5	99	6	70-130/30
79-01-6	Trichloroethylene	9.9	11.6	117	11.1	112	4	70-130/30
75-69-4	Trichlorofluoromethane	10.1	13.1	130	13.2	131* [b]	1	70-130/30
75-01-4	Vinyl chloride	10.2	12.5	123	11.9	117	5	70-130/30
108-05-4	Vinyl Acetate	10.2	12.3	121	11.6	114	6	70-130/30
	m,p-Xylene	21.2	24.2	114	24.2	114	0	70-130/30
95-47-6	o-Xylene	11	12.9	117	12.7	115	2	70-130/30
1330-20-7	Xylenes (total)	32.2	37.1	115	37.0	115	0	70-130/30

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: JE25995
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5W2306-BS	5W60142.D	1	12/04/25	BK	n/a	n/a	V5W2306
V5W2306-BSD	5W60143.D	1	12/04/25	BK	n/a	n/a	V5W2306

The QC reported here applies to the following samples: **Method:** TO-15

V5W2306-SCC

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
460-00-4	4-Bromofluorobenzene	99%	100%	65-128%

(a) High percent recovery and no associated positive reported in the QC batch.
(b) Outside in house control limits.

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: JE25995
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V8W389-BS	8W10672.D	1	12/08/25	TCH	n/a	n/a	V8W389
V8W389-BSD	8W10673.D	1	12/08/25	TCH	n/a	n/a	V8W389

The QC reported here applies to the following samples: **Method:** TO-15

V8W389-SCC

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
67-64-1	Acetone (2-Propanone)	10.4	9.9	95	10.6	102	7	70-130/30
106-99-0	1,3-Butadiene	10.3	9.6	93	10.3	100	7	70-130/30
71-43-2	Benzene	10.4	9.9	95	10.3	99	4	70-130/30
75-27-4	Bromodichloromethane	9.9	10.5	106	10.8	109	3	70-130/30
75-25-2	Bromoform	10.6	13.2	125	13.6	128	3	70-130/30
74-83-9	Bromomethane	10.2	11.1	109	11.8	116	6	70-130/30
593-60-2	Bromoethene	10.1	12.0	119	12.7	126	6	70-130/30
100-44-7	Benzyl Chloride	10.5	9.2	88	9.7	92	5	70-130/30
75-15-0	Carbon disulfide	10.6	12.1	114	12.6	119	4	70-130/30
108-90-7	Chlorobenzene	10.9	11.1	102	11.5	106	4	70-130/30
75-00-3	Chloroethane	10	9.4	94	10.1	101	7	70-130/30
67-66-3	Chloroform	10.5	10.1	96	10.6	101	5	70-130/30
74-87-3	Chloromethane	10.6	9.6	91	10.3	97	7	70-130/30
107-05-1	3-Chloropropene	10.2	11.5	113	12.1	119	5	70-130/30
95-49-8	2-Chlorotoluene	10.4	11.3	109	11.8	113	4	70-130/30
56-23-5	Carbon tetrachloride	10.2	11.5	113	11.9	117	3	70-130/30
110-82-7	Cyclohexane	10.4	10.5	101	10.9	105	4	70-130/30
75-34-3	1,1-Dichloroethane	10.2	9.0	88	9.6	94	6	70-130/30
75-35-4	1,1-Dichloroethylene	10.7	12.4	116	13.0	121	5	70-130/30
106-93-4	1,2-Dibromoethane (EDB)	11	11.7	106	12.0	109	3	70-130/30
107-06-2	1,2-Dichloroethane	10.2	9.0	88	9.6	94	6	70-130/30
78-87-5	1,2-Dichloropropane	10.3	9.3	90	9.6	93	3	70-130/30
123-91-1	1,4-Dioxane	9.9	10.7	108	11.0	111	3	70-130/30
75-71-8	Dichlorodifluoromethane	10.6	11.1	105	12.0	113	8	70-130/30
124-48-1	Dibromochloromethane	10.4	12.8	123	13.1	126	2	70-130/30
156-60-5	trans-1,2-Dichloroethylene	10.2	9.8	96	10.3	101	5	70-130/30
156-59-2	cis-1,2-Dichloroethylene	10.4	10.0	96	10.5	101	5	70-130/30
10061-01-5	cis-1,3-Dichloropropene	10.1	10.5	104	10.8	107	3	70-130/30
541-73-1	m-Dichlorobenzene	10.5	11.0	105	11.6	110	5	70-130/30
95-50-1	o-Dichlorobenzene	10.7	11.4	107	12.1	113	6	70-130/30
106-46-7	p-Dichlorobenzene	10.8	11.5	106	12.1	112	5	70-130/30
10061-02-6	trans-1,3-Dichloropropene	9.6	9.9	103	10.3	107	4	70-130/30
64-17-5	Ethanol	9.7	9.2	95	9.9	102	7	70-130/30
100-41-4	Ethylbenzene	11	11.7	106	12.2	111	4	70-130/30
141-78-6	Ethyl Acetate	10.5	11.4	109	12.0	114	5	70-130/30
622-96-8	4-Ethyltoluene	10.6	12.0	113	12.5	118	4	70-130/30

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: JE25995
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V8W389-BS	8W10672.D	1	12/08/25	TCH	n/a	n/a	V8W389
V8W389-BSD	8W10673.D	1	12/08/25	TCH	n/a	n/a	V8W389

The QC reported here applies to the following samples: **Method:** TO-15

V8W389-SCC

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
76-13-1	Freon 113	10.6	13.7	129	14.5	137* [a]	6	70-130/30
76-14-2	Freon 114	10.4	11.6	112	12.4	119	7	70-130/30
142-82-5	Heptane	10.4	9.9	95	10.2	98	3	70-130/30
87-68-3	Hexachlorobutadiene	11.7	10.7	91	11.8	101	10	70-130/30
110-54-3	Hexane	10.5	10.2	97	10.8	103	6	70-130/30
591-78-6	2-Hexanone	10.4	10.9	105	11.4	110	4	70-130/30
67-63-0	Isopropyl Alcohol	10.5	9.3	89	9.7	92	4	70-130/30
75-09-2	Methylene chloride	10.2	10.7	105	11.2	110	5	70-130/30
78-93-3	Methyl ethyl ketone	10.4	9.9	95	10.4	100	5	70-130/30
108-10-1	Methyl Isobutyl Ketone	10.2	10.2	100	10.6	104	4	70-130/30
1634-04-4	Methyl Tert Butyl Ether	10.5	9.1	87	9.7	92	6	70-130/30
80-62-6	Methylmethacrylate	10.3	10.6	103	11.1	108	5	70-130/30
91-20-3	Naphthalene	11.8	12.5	106	13.6	115	8	70-130/30
115-07-1	Propylene	10.6	8.1	76	8.8	83	8	70-130/30
100-42-5	Styrene	10.9	12.5	115	12.9	118	3	70-130/30
71-55-6	1,1,1-Trichloroethane	10.4	10.1	97	10.6	102	5	70-130/30
79-34-5	1,1,2,2-Tetrachloroethane	11	10.9	99	11.4	104	4	70-130/30
79-00-5	1,1,2-Trichloroethane	10.5	10.2	97	10.4	99	2	70-130/30
120-82-1	1,2,4-Trichlorobenzene	11.7	10.8	92	11.8	101	9	70-130/30
95-63-6	1,2,4-Trimethylbenzene	10.9	12.6	116	13.4	123	6	70-130/30
108-67-8	1,3,5-Trimethylbenzene	10.7	12.1	113	12.7	119	5	70-130/30
540-84-1	2,2,4-Trimethylpentane	10.2	9.5	93	10	98	5	70-130/30
75-65-0	Tertiary Butyl Alcohol	9.6	8.7	91	9.1	95	4	70-130/30
127-18-4	Tetrachloroethylene	10.7	10.0	93	10.4	97	4	70-130/30
109-99-9	Tetrahydrofuran	9.7	9.7	100	10.1	104	4	70-130/30
108-88-3	Toluene	10.6	11.0	104	11.2	106	2	70-130/30
79-01-6	Trichloroethylene	9.9	9.8	99	10.0	101	2	70-130/30
75-69-4	Trichlorofluoromethane	10.1	10.9	108	11.5	114	5	70-130/30
75-01-4	Vinyl chloride	10.2	10.2	100	10.9	107	7	70-130/30
108-05-4	Vinyl Acetate	10.2	10.5	103	11.0	108	5	70-130/30
	m,p-Xylene	21.2	22.8	108	23.7	112	4	70-130/30
95-47-6	o-Xylene	11	11.8	107	12.3	112	4	70-130/30
1330-20-7	Xylenes (total)	32.2	34.6	107	36.0	112	4	70-130/30

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: JE25995
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V8W389-BS	8W10672.D	1	12/08/25	TCH	n/a	n/a	V8W389
V8W389-BSD	8W10673.D	1	12/08/25	TCH	n/a	n/a	V8W389

The QC reported here applies to the following samples: **Method:** TO-15

V8W389-SCC

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
460-00-4	4-Bromofluorobenzene	94%	95%	65-128%

(a) High percent recovery and no associated positive reported in the QC batch.

* = Outside of Control Limits.

Duplicate Summary

Job Number: JE25995
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JE25773-1DUP	7W19248.D	1	01/01/26	BK	n/a	n/a	V7W675
JE25773-1	7W19247.D	1	01/01/26	BK	n/a	n/a	V7W675

The QC reported here applies to the following samples: **Method:** TO-15

JE25995-1, JE25995-2, JE25995-3

CAS No.	Compound	JE25773-1 ppbv	Q	DUP ppbv	Q	RPD	Limits
67-64-1	Acetone (2-Propanone)	1.8		1.8		0	25
106-99-0	1,3-Butadiene	ND		ND		nc	25
71-43-2	Benzene	0.11	J	0.13	J	17	25
75-27-4	Bromodichloromethane	ND		ND		nc	25
75-25-2	Bromoform	ND		ND		nc	25
74-83-9	Bromomethane	ND		ND		nc	25
593-60-2	Bromoethene	ND		ND		nc	25
100-44-7	Benzyl Chloride	ND		ND		nc	25
75-15-0	Carbon disulfide	ND		ND		nc	25
108-90-7	Chlorobenzene	ND		ND		nc	25
75-00-3	Chloroethane	ND		ND		nc	25
67-66-3	Chloroform	ND		ND		nc	25
74-87-3	Chloromethane	0.51		0.48		6	25
107-05-1	3-Chloropropene	ND		ND		nc	25
95-49-8	2-Chlorotoluene	ND		ND		nc	25
56-23-5	Carbon tetrachloride	ND		ND		nc	25
110-82-7	Cyclohexane	ND		ND		nc	25
75-34-3	1,1-Dichloroethane	ND		ND		nc	25
75-35-4	1,1-Dichloroethylene	ND		ND		nc	25
106-93-4	1,2-Dibromoethane (EDB)	ND		ND		nc	25
107-06-2	1,2-Dichloroethane	ND		ND		nc	25
78-87-5	1,2-Dichloropropane	ND		ND		nc	25
123-91-1	1,4-Dioxane	ND		ND		nc	25
75-71-8	Dichlorodifluoromethane	0.43		0.43		0	25
124-48-1	Dibromochloromethane	ND		ND		nc	25
156-60-5	trans-1,2-Dichloroethylene	ND		ND		nc	25
156-59-2	cis-1,2-Dichloroethylene	ND		ND		nc	25
10061-01-5	cis-1,3-Dichloropropene	ND		ND		nc	25
541-73-1	m-Dichlorobenzene	ND		ND		nc	25
95-50-1	o-Dichlorobenzene	ND		ND		nc	25
106-46-7	p-Dichlorobenzene	ND		ND		nc	25
10061-02-6	trans-1,3-Dichloropropene	ND		ND		nc	25
64-17-5	Ethanol	4.8		4.6		4	25
100-41-4	Ethylbenzene	ND		ND		nc	25
141-78-6	Ethyl Acetate	ND		ND		nc	25
622-96-8	4-Ethyltoluene	ND		ND		nc	25

* = Outside of Control Limits.

Duplicate Summary

Job Number: JE25995
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JE25773-1DUP	7W19248.D	1	01/01/26	BK	n/a	n/a	V7W675
JE25773-1	7W19247.D	1	01/01/26	BK	n/a	n/a	V7W675

The QC reported here applies to the following samples: **Method:** TO-15

JE25995-1, JE25995-2, JE25995-3

CAS No.	Compound	JE25773-1 ppbv	Q	DUP ppbv	Q	RPD	Limits
76-13-1	Freon 113	ND		ND		nc	25
76-14-2	Freon 114	ND		ND		nc	25
142-82-5	Heptane	ND		ND		nc	25
87-68-3	Hexachlorobutadiene	ND		ND		nc	25
110-54-3	Hexane	0.29		0.28		4	25
591-78-6	2-Hexanone	ND		ND		nc	25
67-63-0	Isopropyl Alcohol	0.87		0.84		4	25
75-09-2	Methylene chloride	0.29		0.27		7	25
78-93-3	Methyl ethyl ketone	0.10	J	0.12	J	18	25
108-10-1	Methyl Isobutyl Ketone	ND		ND		nc	25
1634-04-4	Methyl Tert Butyl Ether	ND		ND		nc	25
80-62-6	Methylmethacrylate	ND		ND		nc	25
91-20-3	Naphthalene	ND		ND		nc	25
115-07-1	Propylene	ND		ND		nc	25
100-42-5	Styrene	ND		ND		nc	25
71-55-6	1,1,1-Trichloroethane	ND		ND		nc	25
79-34-5	1,1,2,2-Tetrachloroethane	ND		ND		nc	25
79-00-5	1,1,2-Trichloroethane	ND		ND		nc	25
120-82-1	1,2,4-Trichlorobenzene	ND		ND		nc	25
95-63-6	1,2,4-Trimethylbenzene	ND		ND		nc	25
108-67-8	1,3,5-Trimethylbenzene	ND		ND		nc	25
540-84-1	2,2,4-Trimethylpentane	ND		ND		nc	25
75-65-0	Tertiary Butyl Alcohol	ND		ND		nc	25
127-18-4	Tetrachloroethylene	ND		ND		nc	25
109-99-9	Tetrahydrofuran	ND		ND		nc	25
108-88-3	Toluene	0.25		0.24		4	25
79-01-6	Trichloroethylene	ND		ND		nc	25
75-69-4	Trichlorofluoromethane	0.21		0.20		5	25
75-01-4	Vinyl chloride	ND		ND		nc	25
108-05-4	Vinyl Acetate	ND		ND		nc	25
	m,p-Xylene	ND		ND		nc	25
95-47-6	o-Xylene	ND		ND		nc	25
1330-20-7	Xylenes (total)	ND		ND		nc	25

* = Outside of Control Limits.

Duplicate Summary

Job Number: JE25995
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JE25773-1DUP	7W19248.D	1	01/01/26	BK	n/a	n/a	V7W675
JE25773-1	7W19247.D	1	01/01/26	BK	n/a	n/a	V7W675

The QC reported here applies to the following samples: **Method:** TO-15

JE25995-1, JE25995-2, JE25995-3

CAS No.	Surrogate Recoveries	DUP	JE25773-1	Limits
460-00-4	4-Bromofluorobenzene	92%	93%	65-128%

* = Outside of Control Limits.

Summa Cleaning Certification

Job Number: JE25995
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5W2306-SCC	5W60170.D	1	12/05/25	BK	n/a	n/a	V5W2306

The QC reported here (Summa A1724) applies to the following samples: **Method:** TO-15

Batch CP13245 cleaned 12/02/25: JE25995-2(A1633), JE25995-3(A1356)

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	Acetone (2-Propanone)	ND	0.20	0.15	ppbv		ND	0.48	ug/m3
106-99-0	1,3-Butadiene	ND	0.20	0.084	ppbv		ND	0.44	ug/m3
71-43-2	Benzene	ND	0.20	0.047	ppbv		ND	0.64	ug/m3
75-27-4	Bromodichloromethane	ND	0.20	0.030	ppbv		ND	1.3	ug/m3
75-25-2	Bromoform	ND	0.20	0.071	ppbv		ND	2.1	ug/m3
74-83-9	Bromomethane	ND	0.20	0.069	ppbv		ND	0.78	ug/m3
593-60-2	Bromoethene	ND	0.20	0.061	ppbv		ND	0.87	ug/m3
100-44-7	Benzyl Chloride	ND	0.20	0.13	ppbv		ND	1.0	ug/m3
75-15-0	Carbon disulfide	ND	0.20	0.11	ppbv		ND	0.62	ug/m3
108-90-7	Chlorobenzene	ND	0.20	0.074	ppbv		ND	0.92	ug/m3
75-00-3	Chloroethane	ND	0.20	0.068	ppbv		ND	0.53	ug/m3
67-66-3	Chloroform	ND	0.20	0.037	ppbv		ND	0.98	ug/m3
74-87-3	Chloromethane	ND	0.20	0.090	ppbv		ND	0.41	ug/m3
107-05-1	3-Chloropropene	ND	0.20	0.083	ppbv		ND	0.63	ug/m3
95-49-8	2-Chlorotoluene	ND	0.20	0.072	ppbv		ND	1.0	ug/m3
56-23-5	Carbon tetrachloride	ND	0.20	0.040	ppbv		ND	1.3	ug/m3
110-82-7	Cyclohexane	ND	0.20	0.045	ppbv		ND	0.69	ug/m3
75-34-3	1,1-Dichloroethane	ND	0.20	0.057	ppbv		ND	0.81	ug/m3
75-35-4	1,1-Dichloroethylene	ND	0.20	0.059	ppbv		ND	0.79	ug/m3
106-93-4	1,2-Dibromoethane (EDB)	ND	0.20	0.030	ppbv		ND	1.5	ug/m3
107-06-2	1,2-Dichloroethane	ND	0.20	0.070	ppbv		ND	0.81	ug/m3
78-87-5	1,2-Dichloropropane	ND	0.20	0.062	ppbv		ND	0.92	ug/m3
123-91-1	1,4-Dioxane	ND	0.20	0.048	ppbv		ND	0.72	ug/m3
75-71-8	Dichlorodifluoromethane	ND	0.20	0.10	ppbv		ND	0.99	ug/m3
124-48-1	Dibromochloromethane	ND	0.20	0.12	ppbv		ND	1.7	ug/m3
156-60-5	trans-1,2-Dichloroethylene	ND	0.20	0.069	ppbv		ND	0.79	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.20	0.030	ppbv		ND	0.79	ug/m3
10061-01-5	cis-1,3-Dichloropropene	ND	0.20	0.062	ppbv		ND	0.91	ug/m3
541-73-1	m-Dichlorobenzene	ND	0.20	0.028	ppbv		ND	1.2	ug/m3
95-50-1	o-Dichlorobenzene	ND	0.20	0.069	ppbv		ND	1.2	ug/m3
106-46-7	p-Dichlorobenzene	ND	0.20	0.079	ppbv		ND	1.2	ug/m3
10061-02-6	trans-1,3-Dichloropropene	ND	0.20	0.10	ppbv		ND	0.91	ug/m3
64-17-5	Ethanol	ND	0.50	0.39	ppbv		ND	0.94	ug/m3
100-41-4	Ethylbenzene	ND	0.20	0.061	ppbv		ND	0.87	ug/m3
141-78-6	Ethyl Acetate	ND	0.20	0.10	ppbv		ND	0.72	ug/m3
622-96-8	4-Ethyltoluene	ND	0.20	0.095	ppbv		ND	0.98	ug/m3

Summa Cleaning Certification

Job Number: JE25995
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5W2306-SCC	5W60170.D	1	12/05/25	BK	n/a	n/a	V5W2306

The QC reported here (Summa A1724) applies to the following samples: **Method:** TO-15

Batch CP13245 cleaned 12/02/25: JE25995-2(A1633), JE25995-3(A1356)

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
76-13-1	Freon 113	ND	0.20	0.031	ppbv		ND	1.5	ug/m3
76-14-2	Freon 114	ND	0.20	0.050	ppbv		ND	1.4	ug/m3
142-82-5	Heptane	ND	0.20	0.091	ppbv		ND	0.82	ug/m3
87-68-3	Hexachlorobutadiene	ND	0.20	0.062	ppbv		ND	2.1	ug/m3
110-54-3	Hexane	ND	0.20	0.052	ppbv		ND	0.70	ug/m3
591-78-6	2-Hexanone	ND	0.20	0.15	ppbv		ND	0.82	ug/m3
67-63-0	Isopropyl Alcohol	ND	0.20	0.14	ppbv		ND	0.49	ug/m3
75-09-2	Methylene chloride	ND	0.20	0.13	ppbv		ND	0.69	ug/m3
78-93-3	Methyl ethyl ketone	ND	0.20	0.052	ppbv		ND	0.59	ug/m3
108-10-1	Methyl Isobutyl Ketone	ND	0.20	0.073	ppbv		ND	0.82	ug/m3
1634-04-4	Methyl Tert Butyl Ether	ND	0.20	0.080	ppbv		ND	0.72	ug/m3
80-62-6	Methylmethacrylate	ND	0.20	0.070	ppbv		ND	0.82	ug/m3
91-20-3	Naphthalene	ND	0.20	0.13	ppbv		ND	1.0	ug/m3
115-07-1	Propylene	ND	0.50	0.048	ppbv		ND	0.86	ug/m3
100-42-5	Styrene	ND	0.20	0.053	ppbv		ND	0.85	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.20	0.078	ppbv		ND	1.1	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.20	0.048	ppbv		ND	1.4	ug/m3
79-00-5	1,1,2-Trichloroethane	ND	0.20	0.038	ppbv		ND	1.1	ug/m3
120-82-1	1,2,4-Trichlorobenzene	ND	0.20	0.12	ppbv		ND	1.5	ug/m3
95-63-6	1,2,4-Trimethylbenzene	ND	0.20	0.087	ppbv		ND	0.98	ug/m3
108-67-8	1,3,5-Trimethylbenzene	ND	0.20	0.080	ppbv		ND	0.98	ug/m3
540-84-1	2,2,4-Trimethylpentane	ND	0.20	0.040	ppbv		ND	0.93	ug/m3
75-65-0	Tertiary Butyl Alcohol	ND	0.20	0.093	ppbv		ND	0.61	ug/m3
127-18-4	Tetrachloroethylene	ND	0.040	0.030	ppbv		ND	0.27	ug/m3
109-99-9	Tetrahydrofuran	ND	0.20	0.090	ppbv		ND	0.59	ug/m3
108-88-3	Toluene	ND	0.20	0.057	ppbv		ND	0.75	ug/m3
79-01-6	Trichloroethylene	ND	0.040	0.019	ppbv		ND	0.21	ug/m3
75-69-4	Trichlorofluoromethane	ND	0.20	0.057	ppbv		ND	1.1	ug/m3
75-01-4	Vinyl chloride	ND	0.20	0.069	ppbv		ND	0.51	ug/m3
108-05-4	Vinyl Acetate	ND	0.20	0.11	ppbv		ND	0.70	ug/m3
	m,p-Xylene	ND	0.20	0.14	ppbv		ND	0.87	ug/m3
95-47-6	o-Xylene	ND	0.20	0.077	ppbv		ND	0.87	ug/m3
1330-20-7	Xylenes (total)	ND	0.20	0.077	ppbv		ND	0.87	ug/m3

Summa Cleaning Certification

Job Number: JE25995
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5W2306-SCC	5W60170.D	1	12/05/25	BK	n/a	n/a	V5W2306

The QC reported here (Summa A1724) applies to the following samples: **Method:** TO-15

Batch CP13245 cleaned 12/02/25: JE25995-2(A1633), JE25995-3(A1356)

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	103%	65-128%

Summa Cleaning Certification

Job Number: JE25995
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V8W389-SCC	8W10696.D	1	12/09/25	TCH	n/a	n/a	V8W389

The QC reported here (Summa A1296) applies to the following samples: **Method:** TO-15

Batch CP13249 cleaned 12/04/25: JE25995-1(A1161)

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	Acetone (2-Propanone)	ND	0.20	0.15	ppbv		ND	0.48	ug/m3
106-99-0	1,3-Butadiene	ND	0.20	0.084	ppbv		ND	0.44	ug/m3
71-43-2	Benzene	ND	0.20	0.047	ppbv		ND	0.64	ug/m3
75-27-4	Bromodichloromethane	ND	0.20	0.030	ppbv		ND	1.3	ug/m3
75-25-2	Bromoform	ND	0.20	0.071	ppbv		ND	2.1	ug/m3
74-83-9	Bromomethane	ND	0.20	0.069	ppbv		ND	0.78	ug/m3
593-60-2	Bromoethene	ND	0.20	0.061	ppbv		ND	0.87	ug/m3
100-44-7	Benzyl Chloride	ND	0.20	0.13	ppbv		ND	1.0	ug/m3
75-15-0	Carbon disulfide	ND	0.20	0.11	ppbv		ND	0.62	ug/m3
108-90-7	Chlorobenzene	ND	0.20	0.074	ppbv		ND	0.92	ug/m3
75-00-3	Chloroethane	ND	0.20	0.068	ppbv		ND	0.53	ug/m3
67-66-3	Chloroform	ND	0.20	0.037	ppbv		ND	0.98	ug/m3
74-87-3	Chloromethane	ND	0.20	0.090	ppbv		ND	0.41	ug/m3
107-05-1	3-Chloropropene	ND	0.20	0.083	ppbv		ND	0.63	ug/m3
95-49-8	2-Chlorotoluene	ND	0.20	0.072	ppbv		ND	1.0	ug/m3
56-23-5	Carbon tetrachloride	ND	0.20	0.040	ppbv		ND	1.3	ug/m3
110-82-7	Cyclohexane	ND	0.20	0.045	ppbv		ND	0.69	ug/m3
75-34-3	1,1-Dichloroethane	ND	0.20	0.057	ppbv		ND	0.81	ug/m3
75-35-4	1,1-Dichloroethylene	ND	0.20	0.059	ppbv		ND	0.79	ug/m3
106-93-4	1,2-Dibromoethane (EDB)	ND	0.20	0.030	ppbv		ND	1.5	ug/m3
107-06-2	1,2-Dichloroethane	ND	0.20	0.070	ppbv		ND	0.81	ug/m3
78-87-5	1,2-Dichloropropane	ND	0.20	0.062	ppbv		ND	0.92	ug/m3
123-91-1	1,4-Dioxane	ND	0.20	0.048	ppbv		ND	0.72	ug/m3
75-71-8	Dichlorodifluoromethane	ND	0.20	0.10	ppbv		ND	0.99	ug/m3
124-48-1	Dibromochloromethane	ND	0.20	0.12	ppbv		ND	1.7	ug/m3
156-60-5	trans-1,2-Dichloroethylene	ND	0.20	0.069	ppbv		ND	0.79	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.20	0.030	ppbv		ND	0.79	ug/m3
10061-01-5	cis-1,3-Dichloropropene	ND	0.20	0.062	ppbv		ND	0.91	ug/m3
541-73-1	m-Dichlorobenzene	ND	0.20	0.028	ppbv		ND	1.2	ug/m3
95-50-1	o-Dichlorobenzene	ND	0.20	0.069	ppbv		ND	1.2	ug/m3
106-46-7	p-Dichlorobenzene	ND	0.20	0.079	ppbv		ND	1.2	ug/m3
10061-02-6	trans-1,3-Dichloropropene	ND	0.20	0.10	ppbv		ND	0.91	ug/m3
64-17-5	Ethanol	ND	0.50	0.39	ppbv		ND	0.94	ug/m3
100-41-4	Ethylbenzene	ND	0.20	0.061	ppbv		ND	0.87	ug/m3
141-78-6	Ethyl Acetate	ND	0.20	0.10	ppbv		ND	0.72	ug/m3
622-96-8	4-Ethyltoluene	ND	0.20	0.095	ppbv		ND	0.98	ug/m3

Summa Cleaning Certification

Job Number: JE25995
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V8W389-SCC	8W10696.D	1	12/09/25	TCH	n/a	n/a	V8W389

The QC reported here (Summa A1296) applies to the following samples: **Method:** TO-15

Batch CP13249 cleaned 12/04/25: JE25995-1(A1161)

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
76-13-1	Freon 113	ND	0.20	0.031	ppbv		ND	1.5	ug/m3
76-14-2	Freon 114	ND	0.20	0.050	ppbv		ND	1.4	ug/m3
142-82-5	Heptane	ND	0.20	0.091	ppbv		ND	0.82	ug/m3
87-68-3	Hexachlorobutadiene	ND	0.20	0.062	ppbv		ND	2.1	ug/m3
110-54-3	Hexane	ND	0.20	0.052	ppbv		ND	0.70	ug/m3
591-78-6	2-Hexanone	ND	0.20	0.15	ppbv		ND	0.82	ug/m3
67-63-0	Isopropyl Alcohol	ND	0.20	0.14	ppbv		ND	0.49	ug/m3
75-09-2	Methylene chloride	ND	0.20	0.13	ppbv		ND	0.69	ug/m3
78-93-3	Methyl ethyl ketone	ND	0.20	0.052	ppbv		ND	0.59	ug/m3
108-10-1	Methyl Isobutyl Ketone	ND	0.20	0.073	ppbv		ND	0.82	ug/m3
1634-04-4	Methyl Tert Butyl Ether	ND	0.20	0.080	ppbv		ND	0.72	ug/m3
80-62-6	Methylmethacrylate	ND	0.20	0.070	ppbv		ND	0.82	ug/m3
91-20-3	Naphthalene	ND	0.20	0.13	ppbv		ND	1.0	ug/m3
115-07-1	Propylene	ND	0.50	0.048	ppbv		ND	0.86	ug/m3
100-42-5	Styrene	ND	0.20	0.053	ppbv		ND	0.85	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.20	0.078	ppbv		ND	1.1	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.20	0.048	ppbv		ND	1.4	ug/m3
79-00-5	1,1,2-Trichloroethane	ND	0.20	0.038	ppbv		ND	1.1	ug/m3
120-82-1	1,2,4-Trichlorobenzene	ND	0.20	0.12	ppbv		ND	1.5	ug/m3
95-63-6	1,2,4-Trimethylbenzene	ND	0.20	0.087	ppbv		ND	0.98	ug/m3
108-67-8	1,3,5-Trimethylbenzene	ND	0.20	0.080	ppbv		ND	0.98	ug/m3
540-84-1	2,2,4-Trimethylpentane	ND	0.20	0.040	ppbv		ND	0.93	ug/m3
75-65-0	Tertiary Butyl Alcohol	ND	0.20	0.093	ppbv		ND	0.61	ug/m3
127-18-4	Tetrachloroethylene	ND	0.040	0.030	ppbv		ND	0.27	ug/m3
109-99-9	Tetrahydrofuran	ND	0.20	0.090	ppbv		ND	0.59	ug/m3
108-88-3	Toluene	ND	0.20	0.057	ppbv		ND	0.75	ug/m3
79-01-6	Trichloroethylene	ND	0.040	0.019	ppbv		ND	0.21	ug/m3
75-69-4	Trichlorofluoromethane	ND	0.20	0.057	ppbv		ND	1.1	ug/m3
75-01-4	Vinyl chloride	ND	0.20	0.069	ppbv		ND	0.51	ug/m3
108-05-4	Vinyl Acetate	ND	0.20	0.11	ppbv		ND	0.70	ug/m3
	m,p-Xylene	ND	0.20	0.14	ppbv		ND	0.87	ug/m3
95-47-6	o-Xylene	ND	0.20	0.077	ppbv		ND	0.87	ug/m3
1330-20-7	Xylenes (total)	ND	0.20	0.077	ppbv		ND	0.87	ug/m3

Summa Cleaning Certification

Job Number: JE25995
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V8W389-SCC	8W10696.D	1	12/09/25	TCH	n/a	n/a	V8W389

The QC reported here (Summa A1296) applies to the following samples: **Method:** TO-15

Batch CP13249 cleaned 12/04/25: JE25995-1(A1161)

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	91%	65-128%

Instrument Performance Check (BFB)

Job Number: JE25995
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample:	V5W2292-BFB	**Injection Date:**	11/06/25
Lab File ID:	5W59768.D	**Injection Time:**	21:59
Instrument ID:	GCMS5W		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	135749	18.8		Pass
75	30.0 - 66.0% of mass 95	334528	46.4		Pass
95	Base peak, 100% relative abundance	720341	100.0		Pass
96	5.0 - 9.0% of mass 95	49469	6.87		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	662677	92.0		Pass
175	4.0 - 9.01% of mass 174	51795	7.19	(7.82) [a]	Pass
176	93.0 - 101.0% of mass 174	657579	91.3	(99.2) [a]	Pass
177	5.0 - 9.0% of mass 176	45267	6.28	(6.88) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V5W2292-IC2292	5W59769.D	11/06/25	22:35	00:36	Initial cal 0.04
V5W2292-IC2292	5W59770.D	11/06/25	23:11	01:12	Initial cal 0.1
V5W2292-IC2292	5W59771.D	11/06/25	23:50	01:51	Initial cal 0.2
V5W2292-IC2292	5W59777.D	11/07/25	03:41	05:42	Initial cal 0.5
V5W2292-IC2292	5W59782.D	11/07/25	06:57	08:58	Initial cal 5
V5W2292-ICC2292	5W59783.D	11/07/25	07:33	09:34	Initial cal 10
V5W2292-IC2292	5W59784.D	11/07/25	08:12	10:13	Initial cal 20
V5W2292-IC2292	5W59785.D	11/07/25	08:54	10:55	Initial cal 40
V5W2292-IC2292	5W59786.D	11/07/25	09:38	11:39	Initial cal 50
V5W2292-IC2292	5W59787.D	11/07/25	10:24	12:25	Initial cal 60
V5W2292-ICV2292	5W59790.D	11/07/25	12:25	14:26	Initial cal verification 10

Instrument Performance Check (BFB)

Job Number: JE25995
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample: V5W2306-BFB
Lab File ID: 5W60140.D
Instrument ID: GCMS5W
Injection Date: 12/04/25
Injection Time: 10:54

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	111496	18.5		Pass
75	30.0 - 66.0% of mass 95	283008	47.0		Pass
95	Base peak, 100% relative abundance	602624	100.0		Pass
96	5.0 - 9.0% of mass 95	40317	6.69		Pass
173	Less than 2.0% of mass 174	5438	0.90	(0.82) [a]	Pass
174	50.0 - 120.0% of mass 95	664299	110.2		Pass
175	4.0 - 9.01% of mass 174	50619	8.40	(7.62) [a]	Pass
176	93.0 - 101.0% of mass 174	664277	110.2	(100.0) [a]	Pass
177	5.0 - 9.0% of mass 176	43323	7.19	(6.52) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V5W2306-CC2292	5W60141.D	12/04/25	11:31	00:37	Continuing cal 10
V5W2306-BS	5W60142.D	12/04/25	12:21	01:27	Blank Spike
V5W2306-BSD	5W60143.D	12/04/25	12:58	02:04	Blank Spike Duplicate
V5W2306-MB	5W60145.D	12/04/25	14:34	03:40	Method Blank
V5W2306-SCC	5W60146.D	12/04/25	15:16	04:22	Summa Cleaning Certification
V5W2306-SCC	5W60147.D	12/04/25	15:58	05:04	Summa Cleaning Certification
V5W2306-SCC	5W60148.D	12/04/25	16:40	05:46	Summa Cleaning Certification
ZZZZZZ	5W60149.D	12/04/25	17:53	06:59	(unrelated sample)
ZZZZZZ	5W60150.D	12/04/25	18:36	07:42	(unrelated sample)
JE24386-1	5W60151.D	12/04/25	19:19	08:25	(used for QC only; not part of job JE25995)
JE24386-1DUP	5W60152.D	12/04/25	20:03	09:09	Duplicate
ZZZZZZ	5W60153.D	12/04/25	20:47	09:53	(unrelated sample)
ZZZZZZ	5W60154.D	12/04/25	21:30	10:36	(unrelated sample)
ZZZZZZ	5W60155.D	12/04/25	22:14	11:20	(unrelated sample)
ZZZZZZ	5W60156.D	12/04/25	22:57	12:03	(unrelated sample)
ZZZZZZ	5W60157.D	12/04/25	23:41	12:47	(unrelated sample)
ZZZZZZ	5W60158.D	12/05/25	00:24	13:30	(unrelated sample)
ZZZZZZ	5W60159.D	12/05/25	01:07	14:13	(unrelated sample)
ZZZZZZ	5W60160.D	12/05/25	01:45	14:51	(unrelated sample)
ZZZZZZ	5W60161.D	12/05/25	02:22	15:28	(unrelated sample)
ZZZZZZ	5W60162.D	12/05/25	03:00	16:06	(unrelated sample)
ZZZZZZ	5W60163.D	12/05/25	03:37	16:43	(unrelated sample)
ZZZZZZ	5W60164.D	12/05/25	04:15	17:21	(unrelated sample)
ZZZZZZ	5W60165.D	12/05/25	04:54	18:00	(unrelated sample)

Instrument Performance Check (BFB)

Job Number: JE25995
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample:	V5W2306-BFB	**Injection Date:**	12/04/25
Lab File ID:	5W60140.D	**Injection Time:**	10:54
Instrument ID:	GCMS5W		

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
ZZZZZZ	5W60166.D	12/05/25	05:34	18:40	(unrelated sample)
V5W2306-SCC	5W60167.D	12/05/25	06:17	19:23	Summa Cleaning Certification
V5W2306-SCC	5W60168.D	12/05/25	07:01	20:07	Summa Cleaning Certification
V5W2306-SCC	5W60169.D	12/05/25	07:44	20:50	Summa Cleaning Certification
V5W2306-SCC	5W60170.D	12/05/25	08:27	21:33	Summa Cleaning Certification
V5W2306-SCC	5W60171.D	12/05/25	09:10	22:16	Summa Cleaning Certification
V5W2306-SCC	5W60172.D	12/05/25	09:52	22:58	Summa Cleaning Certification
ZZZZZZ	5W60173.D	12/05/25	10:30	23:36	(unrelated sample)

Instrument Performance Check (BFB)

Job Number: JE25995
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample:	V7W577-BFB	**Injection Date:**	08/07/25
Lab File ID:	7W16573.D	**Injection Time:**	02:05
Instrument ID:	GCMS7W		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	26979	21.8		Pass
75	30.0 - 66.0% of mass 95	60811	49.0		Pass
95	Base peak, 100% relative abundance	123992	100.0		Pass
96	5.0 - 9.0% of mass 95	7953	6.41		Pass
173	Less than 2.0% of mass 174	724	0.58	(0.83) [a]	Pass
174	50.0 - 120.0% of mass 95	87088	70.2		Pass
175	4.0 - 9.01% of mass 174	6502	5.24	(7.47) [a]	Pass
176	93.0 - 101.0% of mass 174	87355	70.5	(100.3) [a]	Pass
177	5.0 - 9.0% of mass 176	5835	4.71	(6.68) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V7W577-IC577	7W16576.D	08/07/25	04:00	01:55	Initial cal 0.04
V7W577-IC577	7W16577.D	08/07/25	04:38	02:33	Initial cal 0.1
V7W577-IC577	7W16583.D	08/07/25	08:36	06:31	Initial cal 0.2
V7W577-IC577	7W16584.D	08/07/25	09:13	07:08	Initial cal 0.5
V7W577-IC577	7W16589.D	08/07/25	12:29	10:24	Initial cal 5
V7W577-ICC577	7W16590.D	08/07/25	13:07	11:02	Initial cal 10
V7W577-IC577	7W16591.D	08/07/25	13:47	11:42	Initial cal 20
V7W577-IC577	7W16592.D	08/07/25	14:30	12:25	Initial cal 40
V7W577-IC577	7W16593.D	08/07/25	15:15	13:10	Initial cal 50
V7W577-IC577	7W16594.D	08/07/25	16:02	13:57	Initial cal 60
V7W577-ICV577	7W16597.D	08/07/25	18:07	16:02	Initial cal verification 10

Instrument Performance Check (BFB)

Job Number: JE25995
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample:	V7W675-BFB	**Injection Date:**	12/31/25
Lab File ID:	7W19233.D	**Injection Time:**	15:50
Instrument ID:	GCMS7W		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	24464	21.8		Pass
75	30.0 - 66.0% of mass 95	53536	47.7		Pass
95	Base peak, 100% relative abundance	112224	100.0		Pass
96	5.0 - 9.0% of mass 95	7256	6.47		Pass
173	Less than 2.0% of mass 174	387	0.34	(0.43) [a]	Pass
174	50.0 - 120.0% of mass 95	89365	79.6		Pass
175	4.0 - 9.01% of mass 174	6612	5.89	(7.40) [a]	Pass
176	93.0 - 101.0% of mass 174	84648	75.4	(94.7) [a]	Pass
177	5.0 - 9.0% of mass 176	5528	4.93	(6.53) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V7W675-CC577	7W19234.D	12/31/25	16:28	00:38	Continuing cal 10
V7W675-BS	7W19235.D	12/31/25	17:24	01:34	Blank Spike
V7W675-BSD	7W19236.D	12/31/25	18:03	02:13	Blank Spike Duplicate
V7W675-MB	7W19238.D	12/31/25	19:35	03:45	Method Blank
ZZZZZZ	7W19239.D	12/31/25	20:16	04:26	(unrelated sample)
ZZZZZZ	7W19240.D	12/31/25	20:56	05:06	(unrelated sample)
ZZZZZZ	7W19242.D	12/31/25	22:16	06:26	(unrelated sample)
ZZZZZZ	7W19244.D	12/31/25	23:44	07:54	(unrelated sample)
ZZZZZZ	7W19245.D	01/01/26	00:26	08:36	(unrelated sample)
ZZZZZZ	7W19246.D	01/01/26	01:06	09:16	(unrelated sample)
JE25773-1	7W19247.D	01/01/26	01:52	10:02	(used for QC only; not part of job JE25995)
JE25773-1DUP	7W19248.D	01/01/26	02:40	10:50	Duplicate
ZZZZZZ	7W19249.D	01/01/26	03:23	11:33	(unrelated sample)
ZZZZZZ	7W19250.D	01/01/26	04:09	12:19	(unrelated sample)
JE25995-1	7W19251.D	01/01/26	04:48	12:58	SV02_122325
JE25995-2	7W19252.D	01/01/26	05:28	13:38	SV03_122325
JE25995-3	7W19253.D	01/01/26	06:07	14:17	SV07_122325
ZZZZZZ	7W19254.D	01/01/26	06:45	14:55	(unrelated sample)
ZZZZZZ	7W19255.D	01/01/26	07:24	15:34	(unrelated sample)
ZZZZZZ	7W19256.D	01/01/26	08:02	16:12	(unrelated sample)
ZZZZZZ	7W19258.D	01/01/26	09:21	17:31	(unrelated sample)
ZZZZZZ	7W19259.D	01/01/26	10:06	18:16	(unrelated sample)
ZZZZZZ	7W19260.D	01/01/26	10:49	18:59	(unrelated sample)
ZZZZZZ	7W19261.D	01/01/26	11:34	19:44	(unrelated sample)

Instrument Performance Check (BFB)

Job Number: JE25995
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample:	V7W675-BFB	**Injection Date:**	12/31/25
Lab File ID:	7W19233.D	**Injection Time:**	15:50
Instrument ID:	GCMS7W		

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
ZZZZZZ	7W19262.D	01/01/26	12:18	20:28	(unrelated sample)
V7W675-SCC	7W19263.D	01/01/26	13:02	21:12	Summa Cleaning Certification
V7W675-SCC	7W19264.D	01/01/26	13:45	21:55	Summa Cleaning Certification
V7W675-SCC	7W19265.D	01/01/26	14:28	22:38	Summa Cleaning Certification
V7W675-SCC	7W19266.D	01/01/26	15:12	23:22	Summa Cleaning Certification
V7W675-SCC	7W19267.D	01/01/26	15:55	24:05	Summa Cleaning Certification

Instrument Performance Check (BFB)

Job Number: JE25995
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample:	V8W378-BFB	**Injection Date:**	11/06/25
Lab File ID:	8W10355.D	**Injection Time:**	21:53
Instrument ID:	GCMS8W		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	18781	13.0		Pass
75	30.0 - 66.0% of mass 95	62251	43.2		Pass
95	Base peak, 100% relative abundance	144149	100.0		Pass
96	5.0 - 9.0% of mass 95	9443	6.55		Pass
173	Less than 2.0% of mass 174	732	0.51	(0.61) [a]	Pass
174	50.0 - 120.0% of mass 95	120373	83.5		Pass
175	4.0 - 9.01% of mass 174	8470	5.88	(7.04) [a]	Pass
176	93.0 - 101.0% of mass 174	115376	80.0	(95.8) [a]	Pass
177	5.0 - 9.0% of mass 176	7677	5.33	(6.65) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V8W378-IC378	8W10356.D	11/06/25	22:26	00:33	Initial cal 0.04
V8W378-IC378	8W10357.D	11/06/25	23:00	01:07	Initial cal 0.1
V8W378-IC378	8W10358.D	11/06/25	23:37	01:44	Initial cal 0.2
V8W378-IC378	8W10364.D	11/07/25	03:13	05:20	Initial cal 0.5
V8W378-IC378	8W10370.D	11/07/25	06:53	09:00	Initial cal 5
V8W378-ICC378	8W10371.D	11/07/25	07:27	09:34	Initial cal 10
V8W378-IC378	8W10372.D	11/07/25	08:04	10:11	Initial cal 20
V8W378-IC378	8W10373.D	11/07/25	08:44	10:51	Initial cal 40
V8W378-IC378	8W10374.D	11/07/25	09:27	11:34	Initial cal 50
V8W378-IC378	8W10375.D	11/07/25	10:11	12:18	Initial cal 60
V8W378-ICV378	8W10379.D	11/07/25	12:39	14:46	Initial cal verification 10

Instrument Performance Check (BFB)

Job Number: JE25995
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample: V8W389-BFB
Lab File ID: 8W10670.D
Instrument ID: GCMS8W
Injection Date: 12/08/25
Injection Time: 10:04

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	18597	12.3		Pass
75	30.0 - 66.0% of mass 95	64909	42.8		Pass
95	Base peak, 100% relative abundance	151765	100.0		Pass
96	5.0 - 9.0% of mass 95	9952	6.56		Pass
173	Less than 2.0% of mass 174	822	0.54	(0.64) [a]	Pass
174	50.0 - 120.0% of mass 95	128653	84.8		Pass
175	4.0 - 9.01% of mass 174	9501	6.26	(7.38) [a]	Pass
176	93.0 - 101.0% of mass 174	124109	81.8	(96.5) [a]	Pass
177	5.0 - 9.0% of mass 176	8171	5.38	(6.58) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V8W389-CC378	8W10671.D	12/08/25	10:37	00:33	Continuing cal 10
V8W389-BS	8W10672.D	12/08/25	11:21	01:17	Blank Spike
V8W389-BSD	8W10673.D	12/08/25	11:54	01:50	Blank Spike Duplicate
V8W389-MB	8W10675.D	12/08/25	13:27	03:23	Method Blank
V8W389-SCC	8W10676.D	12/08/25	14:44	04:40	Summa Cleaning Certification
V8W389-SCC	8W10679.D	12/08/25	16:54	06:50	Summa Cleaning Certification
JE24534-1	8W10680.D	12/08/25	17:33	07:29	(used for QC only; not part of job JE25995)
JE24534-1DUP	8W10681.D	12/08/25	18:13	08:09	Duplicate
ZZZZZZ	8W10682.D	12/08/25	18:53	08:49	(unrelated sample)
ZZZZZZ	8W10683.D	12/08/25	19:32	09:28	(unrelated sample)
ZZZZZZ	8W10684.D	12/08/25	20:12	10:08	(unrelated sample)
ZZZZZZ	8W10685.D	12/08/25	20:52	10:48	(unrelated sample)
ZZZZZZ	8W10686.D	12/08/25	21:31	11:27	(unrelated sample)
ZZZZZZ	8W10687.D	12/08/25	22:10	12:06	(unrelated sample)
ZZZZZZ	8W10688.D	12/08/25	22:51	12:47	(unrelated sample)
ZZZZZZ	8W10689.D	12/08/25	23:35	13:31	(unrelated sample)
V8W389-SCC	8W10690.D	12/09/25	00:15	14:11	Summa Cleaning Certification
V8W389-SCC	8W10691.D	12/09/25	00:54	14:50	Summa Cleaning Certification
V8W389-SCC	8W10692.D	12/09/25	01:33	15:29	Summa Cleaning Certification
V8W389-SCC	8W10693.D	12/09/25	02:12	16:08	Summa Cleaning Certification
V8W389-SCC	8W10694.D	12/09/25	02:50	16:46	Summa Cleaning Certification
V8W389-SCC	8W10695.D	12/09/25	03:28	17:24	Summa Cleaning Certification
V8W389-SCC	8W10696.D	12/09/25	04:07	18:03	Summa Cleaning Certification
V8W389-SCC	8W10697.D	12/09/25	04:45	18:41	Summa Cleaning Certification

Instrument Performance Check (BFB)

Job Number: JE25995
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Sample:	V8W389-BFB	**Injection Date:**	12/08/25
Lab File ID:	8W10670.D	**Injection Time:**	10:04
Instrument ID:	GCMS8W		

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V8W389-SCC	8W10698.D	12/09/25	05:24	19:20	Summa Cleaning Certification
V8W389-SCC	8W10699.D	12/09/25	06:02	19:58	Summa Cleaning Certification

Surrogate Recovery Summary

Job Number: JE25995
Account: LANGNYNY Langan Engineering & Environmental
Project: 252 3rd Street, Brooklyn, NY

Method: TO-15 **Matrix:** AIR

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1
JE25995-1	7W19251.D	94
JE25995-2	7W19252.D	94
JE25995-3	7W19253.D	93
JE25773-1DUP	7W19248.D	92
V5W2306-SCC	5W60170.D	103
V7W675-BS	7W19235.D	98
V7W675-BSD	7W19236.D	96
V7W675-MB	7W19238.D	93
V8W389-SCC	8W10696.D	91
V5W2306-BS	5W60142.D	99
V5W2306-BSD	5W60143.D	100
V5W2306-MB	5W60145.D	106
V8W389-BS	8W10672.D	94
V8W389-BSD	8W10673.D	95
V8W389-MB	8W10675.D	91

Surrogate Compounds	Recovery Limits
S1 = 4-Bromofluorobenzene	65-128%