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SITE MANAGEMENT PLAN
556 BALTIC STREET SITE
KINGS COUNTY
BROOKLYN, NEW YORK
BLOCK 407 LOT 1
NYSDEC SITE NUMBER: C224375

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

Prepared for
159 Third Realty LLC, 159 Third Residence LLC, and Baltic Residence LLC
Brooklyn, New York

File No. 0204090-000
November 2025

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SIGNATURE PAGE FOR

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PREPARED FOR
159 THIRD REALTY LLC, 159 THIRD RESIDENCE LLC, AND BALTIC RESIDENCE LLC
BROOKLYN, NEW YORK

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Certification Statement

I, Scott A. Underhill, certify that I am currently a New York State-registered professional engineer as defined in 6 NYCRR Part 375 and that this Site Management Plan was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10) and Green Remediation (DER-31).

Nov. 17, 2025

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List of Acronyms and Abbreviations

µg/m^3	micrograms per cubic meter
µg/L	micrograms per liter
AWQS	Ambient Water Quality Standards
BCA	Brownfield Cleanup Agreement
BCP	Brownfield Cleanup Program
BTEX	benzene, toluene, ethylbenzene, and xylenes
CAMP	Community Air Monitoring Plan
CHASP	Construction Health and Safety Plan
COC	Certificate of Completion
CP	Commissioner Policy
cu yd	cubic yard / cubic yards
CVOCs	chlorinated volatile organic compounds
DER	Division of Environmental Remediation
DUSR	Data Usability Summary Report
EC	Engineering Control
ECL	Environmental Conservation Law
EE	Environmental Easement
ESA	Environmental Site Assessment
ESI	Environmental Site Investigation
EWP	Excavation Work Plan
FER	Final Engineering Report
FSP	Field Sampling Plan
ft bgs	feet below ground surface
HANY	H & A of New York Engineering and Geology, LLP
HASP	Health and Safety Plan
HREC	Historical Recognized Environmental Condition
IC	Institutional Control
ISCO	in-situ chemical oxidation
MCL	Maximum Contaminant Level
MTBE	methyl-tert-butyl-ether
ng/L	nanograms per liter

NYC	New York City
NYCDEP	New York City Department of Environment
NYCOER	New York City Office of Environmental Remediation
NYCRR	New York Codes, Rules, and Regulations
NYSDEC	New York State Department of Environmental Conservation
NYS	New York State
NYSDOH	New York State Department of Health
P.E.	Professional Engineer
PAHs	polycyclic aromatic hydrocarbons
PCB	polychlorinated biphenyls
PCE	tetrachloroethene
PFAS	per- and polyfluoroalkyl substances
PFOA	perfluorooctanesulfonic acid
PFOS	perfluorooctanesulfonic acid
PGWSCOs	Protection of Groundwater Soil Cleanup Objectives
PID	photoionization detector
ppb	parts per billion
ppm	parts per million
PRR	Periodic Review Report
QA/QC	Quality Assurance/Quality Control
QAPP	Quality Assurance Project Plan
QEP	Qualified Environmental Professional
RAO	Remedial Action Objective
RAWP	Remedial Action Work Plan
RCA	recycled concrete aggregate
RECs	Recognized Environmental Conditions
RI	Remedial Investigation
RIR	Remedial Investigation Report
RP	Remedial Party
RRSCO	Restricted Residential Soil Cleanup Objective
RSO	Remedial System Optimization
SCG	standards, criteria and guidelines
SCO	Soil Cleanup Objective

Site	556 Baltic Street Site, 556 Baltic Street (also known as 169 Third Avenue), Brooklyn, New York
SMP	Site Management Plan
SOE	support-of-excavation
sq ft	square feet / square foot
SVI	Soil Vapor Intrusion
SVOC	semi-volatile organic compound
TCE	trichloroethene
USEPA	United States Environmental Protection Agency
UST	underground storage tank
UUSCOs	Unrestricted Use Soil Cleanup Objectives
Volunteers	159 Third Realty LLC, 159 Third Residence LLC, and Baltic Residence LLC
VOCs	volatile organic compounds

Executive Summary

159 Third Realty LLC, 159 Third Residence LLC, and Baltic Residence LLC (the "Volunteers") have remediated a 0.271-acre (approximately 11,800 square feet [sq ft]) property known as the 556 Baltic Street Site, designated under the Brownfield Cleanup Program (BCP) as Site No. C224375. The 556 Baltic Street Site (hereafter referred to as "the Site") is situated at 556 Baltic Street, formerly referred to as 151-169 Third Avenue, in Kings County, New York, on Block 407, Lot 1 of the New York City (NYC) Tax Map. Site remediation addressing both soil and groundwater was conducted as per the October 2023 approved Remedial Action Work Plan (RAWP) and December 2023 Decision Document. Additional investigations, workplans, and reports were submitted to the New York State Department of Environmental Conservation (NYSDEC) between 2021 and 2023.

The following provides a brief summary of the controls implemented for the Site, as well as the inspections, monitoring, maintenance, and reporting activities required by this Site Management Plan (SMP):

Site Identification:	BCP Site No. C224375 556 Baltic Street Site 556 Baltic Street Brooklyn, New York 11217
Institutional Controls:	1. The property may be used for restricted residential use, commercial use, or industrial use pending results of the Soil Vapor Intrusion Evaluation, although land use is subject to local zoning laws.
	2. The use of groundwater underlying the property is prohibited. Furthermore, groundwater in NYC is not used for consumption.
	3. Institutional Controls include an Environmental Easement (EE) and this SMP.
	4. All short-term Engineering Controls must be monitored, operated, maintained, inspected, and reported as specified in this SMP.
	5. Vegetable gardens and farming in remaining Site soils are prohibited. All future activities that will disturb remaining contaminated material must be conducted in accordance with this SMP.
	6. Site access must be provided to agents, employees, or other representatives of the state of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by the EE.
	7. The property may be used for unrestricted use upon amendment or extinguishment of the EE by NYSDEC. All future persons who acquire any interest in the Site will be provided a complete copy of the SMP and all NYSDEC-approved amendments to the SMP.
Engineering Controls:	1. The Site does not have any Engineering Controls.

Monitoring:	
1. None	

Reporting:	
1. Soil Vapor Intrusion (SVI) Evaluation Report	One time, upon completion of the building envelope, prior to building occupancy, and 60 days following completion of the SVI Evaluation. The SVI Evaluation has been completed, and the report has been included as **Appendix G.**
2. Periodic Review Report	First report submitted 16 months after the Certificate of Completion (COC) is issued.

Further descriptions of the above requirements are provided in detail in the latter sections of this SMP.

1. Introduction

1.1 GENERAL

This Site Management Plan (SMP) is an element of the remedial program for the redevelopment of the 556 Baltic Street Site located in Brooklyn, New York (hereinafter referred to as the "Site"; see **Figure 1**). The Site is currently in the New York State (NYS) Brownfield Cleanup Program (BCP), Site No. C224375, which is administered by the New York State Department of Environmental Conservation (NYSDEC). The Site is located at 556 Baltic Street, Brooklyn, New York, 11217, identified on the New York City (NYC) Tax Map as Brooklyn Borough Tax Block 407, Lot 1.

159 Third Realty LLC, 159 Third Residence LLC, and Baltic Residence LLC (the Volunteers) entered into a Brownfield Cleanup Agreement (BCA), BCA Index No. C224375-12-22 on 15 December 2022 with the NYSDEC to remediate the Site. A Site Location map is provided as **Figure 1**. A figure showing the boundaries of this Site is provided in **Figure 2**. The boundaries of the Site are more fully described in the metes and bounds Site description that is part of the Environmental Easement (EE) provided in **Appendix A**.

After completion of the remedial work, some contamination was left at this Site, which is hereafter referred to as "remaining contamination." Short-term Institutional Controls (ICs) have been incorporated into the Site remedy to control exposure to remaining contamination to ensure protection of public health and the environment. An EE package was submitted to NYSDEC on February 27, 2024, and recorded with the City Register File No. (CFRN) 2024000244451 by the Office of the City Register of the City of New York on September 13, 2024. The EE requires compliance with this SMP. Upon the completion of the post-remedial Soil Vapor Intrusion (SVI) Evaluation, a determination will be made by NYSDEC whether the temporary ICs could be discontinued or if the ICs become permanent.

This SMP was prepared to manage the remaining contamination and remedial elements at the Site until the EE is extinguished in accordance with NYS Environmental Conservation Law (ECL) Article 71, Title 36. This plan has been approved by the NYSDEC, and compliance with this plan is required by the grantor of the EE and the grantor's successors and assigns. This SMP may only be revised with the approval of the NYSDEC.

It is important to note that:

- This SMP details the Site-specific implementation procedures that are required by the EE. Failure to properly implement the SMP is a violation of the EE, which is grounds for revocation of the Certificate of Completion (COC); and,
- Failure to comply with this SMP is also a violation of ECL, Title 6 of the New York Codes, Rules and Regulations (NYCRR) Part 375 and the BCA (Index No. C224375-11-22; Site No. C224375) for the Site, and thereby subject to applicable penalties.

All reports associated with the Site can be viewed by contacting the NYSDEC or its successor agency managing environmental issues in NYS. A list of contacts for persons involved with the Site is provided in **Tables I and II** of Section 1.3 of this SMP.

This SMP was prepared by H & A of New York Engineering and Geology, LLP (Haley & Aldrich of New York), on behalf of the Volunteers, in accordance with the requirements of the NYSDEC's Division of Environmental Remediation (DER)-10 ("Technical Guidance for Site Investigation and Remediation"), dated May 2010, its subsequent updates by the NYSDEC through the date of this SMP, and the guidelines provided by the NYSDEC. This SMP addresses the means for implementing the ICs that are required by the EE for the Site.

1.2 REVISIONS AND ALTERATIONS

Revisions and alterations to this plan will be proposed in writing to the NYSDEC's project manager. The NYSDEC can also make changes to the SMP or request revisions from the Remedial Party. Revisions will be necessary upon, but not limited to, the following occurring: a change in media monitoring requirements, upgrades to or shutdown of a remedial system, post-remedial removal of contaminated sediment or soil, or other significant change to the Site conditions. All approved alterations must conform with Article 145 Section 7209 of the Education Law regarding the application of professional seals and alterations. For example, any changes to as-built drawings must be stamped by an NYS Professional Engineer (P.E.). In accordance with the EE for the Site, the NYSDEC project manager will provide a notice of any approved changes to the SMP and append these notices to the SMP that is retained in its files.

1.3 NOTIFICATIONS

Notifications will be submitted by the property owner to the NYSDEC, as needed, in accordance with NYSDEC's DER–10 for the following reasons:

1. Sixty-day advance notice of any proposed changes in site use that are required under the terms of the BCA, 6 NYCRR Part 375, and/or ECL.
2. Seven-day advance notice of any field activity associated with the remedial program.
3. Fifteen-day advance notice of any proposed ground-intrusive activity pursuant to the Excavation Work Plan (EWP). If the ground-intrusive activity qualifies as a change of use as defined in 6 NYCRR Part 375, the above-mentioned 60-day advance notice is also required.
4. Notice within 48 hours of any damage or defect to the foundation, structures, or Engineering Control (EC) that reduces or has the potential to reduce the effectiveness of an EC, and likewise, any action to be taken to mitigate the damage or defect.
5. Notice within 48 hours of any non-routine maintenance activities.
6. Verbal notice by noon of the following day of any emergency, such as a fire, flood, or earthquake, that reduces or has the potential to reduce the effectiveness of ECs in place at the site, with written confirmation within seven days that includes a summary of actions taken, or to be taken, and the potential impact to the environment and the public.
7. Follow-up status reports on actions taken to respond to any emergency event requiring ongoing responsive action submitted to the NYSDEC within 45 days describing and documenting actions taken to restore the effectiveness of the ECs.

Any change in the ownership of the Site or the responsibility for implementing this SMP will include the following notifications:

8. At least 60 days prior to the change, the NYSDEC will be notified in writing of the proposed change. This will include a certification that the prospective purchaser/Remedial Party has been provided with a copy of the BCA and all approved work plans and reports, including this SMP.
9. Within 15 days after the transfer of all or part of the site, the new owner's name, contact representative, and contact information will be confirmed in writing to the NYSDEC.

Tables I and II below include contact information for the above notifications. The information on these tables will be updated as necessary to provide accurate contact information. A full listing of Site-related contact information is provided in **Appendix B**.

Table I: NYSDEC/NYSDOH Notifications*

Name	Contact Information	Required Notification**
Sydney Sobol, NYSDEC Project Manager	518.402.4799 / Sydney.sobol@dec.ny.gov	All Notifications
Douglas MacNeal, NYSDEC Section Chief	718.482.4953 / Douglas.macneal@dec.ny.gov	All Notifications
Kelly Lewandowski, NYSDEC Site Control	518.402.9569 / Kelly.lewandowski@dec.ny.gov	Notifications 1 and 8
Christopher Budd, NYSDOH Project Manager	518.402.1769 / Christopher.budd@health.ny.gov	Notifications 4, 6, and 7

** **Note**: Notifications are subject to change and will be updated as necessary.*
*** **Note**: Numbers in this column reference the numbered bullets in the notification list in this section.*
NYSDOH = New York State Department of Health

Table II: Project Team Notifications*

Name	Contact Information	Required Notification**
Mari C. Conlon, P.G., Senior Associate, Qualified Environmental Professional (QEP)	646.277.5688 / MConlon@haleyaldrich.com	All Notifications
Scott Underhill, P.E., Remediation Engineer	518.396.7638 / SUnderhill@haleyaldrich.com	All Notifications
James M. Bellew, Manager	646.277.5686 / JBellew@haleyaldrich.com	Notifications 1 and 8
Zachary P. Simmel, Field Lead	646.277.5690 / ZSimmel@haleyaldrich.com	Notifications 4, 6, and 7
Simon Kaufman, Member of Baltic Residence LLC	347.731.3400 / ysrealtyny@aol.com	Notifications 4, 6, and 7
Cristine Leas, Environmental Attorney, Sive, Paget, Riesel	646.378.7267 / cleas@sprlaw.com	Notifications 4, 6, and 7

** **Note**: Notifications are subject to change and will be updated as necessary.*
*** **Note**: Numbers in this column reference the numbered bullets in the notification list in this section.*

2. Summary of Previous Investigations and Remedial Actions

2.1 SITE LOCATION AND DESCRIPTION

The Site is located in the Gowanus neighborhood of Brooklyn, Kings County, New York, and is identified as Section 3, Block 407 and Lot 1 on the NYC Tax Map. The Site is approximately 11,800 square feet (sq ft) in size (approximately 0.27 acres) and is bound to the north by Baltic Street followed by a multi-story residential building, to the west by Third Avenue followed by a single-story commercial/ manufacturing building, to the east by a four-story residential building and a Cube Smart storage facility, and to the south by Butler Street followed by a hotel. The boundaries of the Site are more fully described in **Appendix A –** Environmental Easement. The owners of the Site at the time of issuance of this SMP are the Volunteers.

2.2 PHYSICAL SETTING

2.2.1 Land Use

The Site consists of an 11-story, mixed-use commercial and residential building with a full cellar (under construction). The building encompasses approximately 100 percent of the lot footprint and extends 15 feet (ft) below ground surface (bgs) in the northern portion of the Site, 18 ft bgs in the southern portion of the Site, and includes a 500 sq ft elevator pit to approximately 18 ft bgs. The proposed gross square footage of the new development is 11,398 sq ft. The residential portion of the building will contain approximately 92 dwelling units, of which about 23 units will be designated as affordable housing. The cellar level will be utilized as a recreation space and will contain a theater, exercise room, bicycle storage room, art room, kid's room, podcast room, conference rooms, ball court, laundry room, mechanical rooms, and compactor room. The first floor will contain approximately 5,471 sq ft of commercial/retail space, a business lounge, and one residential unit. The second floor and upper floors will contain residential units, approximately 11 units per floor. The roof will contain an elevator bulkhead and mechanical rooms, including space for hot water heaters and elevator controls.

The Site is located within a mixed-use commercial and residential area and is bounded to the north by Baltic Street followed by a multi-story residential building, to the west by Third Avenue followed by a single-story commercial/manufacturing building, to the east by a four-story residential building and a Cube Smart storage facility, and to the south by Butler Street followed by a hotel. Site survey maps are provided in **Appendix A**.

The Site is located within a residential and manufacturing zoning district (M1-4/R7X). The Site is in an urban area surrounded by commercial and industrial properties served by municipal water. The Site is located in an Environmental "En-Zone" identified as Census Tract 127. The Volunteers plan to redevelop the Site for mixed-use commercial and residential purposes (including affordable housing) consistent with current zoning.

2.2.2 Geology

Based on the investigation from the Remedial Investigation (RI), the Site is underlain by a layer of fill consisting of mainly brown to gray fine to medium sand and silty fine sand with gravel and fragments of asphalt, concrete, brick, glass, cinders, and wood. The depth of fill material varies across the Site,

extending to a maximum depth of approximately 25 ft bgs. The fill is underlain by a fine sand with varying amounts of fine- and coarse-grained sediments, an organic clay at a depth of about 30 to 32 ft bgs, followed by a gray to brown silty fine sand grading to a red-brown to brown fine sand with varying amounts of medium and coarse sand with fine to coarse gravels and cobbles. Bedrock beneath the Site consists of muscovite-biotite-quartz schist. Depth to bedrock beneath the Site is greater than 100 ft bgs.

A geologic cross-section is shown in **Figure 3**.

2.2.3 Hydrogeology

Based on Site-specific groundwater measurements, groundwater beneath the Site ranges from approximately 14.49 to 15.69 ft bgs, and groundwater flow beneath the Site is generally from northwest to southeast. A groundwater contour map is included as **Figure 4**.

2.3 INVESTIGATION AND REMEDIAL HISTORY

The following narrative provides a remedial history timeline and a brief summary of the available project records to document key investigative and remedial milestones for the Site. Full titles for each of the reports referenced below are provided in Section 8.0 - References.

The following reports were prepared for the Site:

1. November 2006 Investigation Summary Report Prepared by Impact Environmental;
2. February 2007 Update to Subsurface Investigation Report Prepared by Impact Environmental;
3. 2017-2019 Quarterly Groundwater Monitoring Reports Spill No. 95-06588 Prepared by Berninger Environmental Inc.;
4. September 2021 Phase I Environmental Site Assessment (ESA), Prepared by GEI Consultants, Inc.;
5. December 2021 Limited Phase II Environmental Site Investigation (ESI) Report, Prepared by Haley & Aldrich of New York;
6. March 2022 Remedial Investigation Report, Prepared by Haley & Aldrich of New York;
7. July 2023 Remedial Investigation Report, Prepared by Haley & Aldrich of New York;
8. October 2023 Remedial Action Work Plan (RAWP), Prepared by Haley & Aldrich of New York; and
9. December 2023 Decision Document, Prepared by NYSDEC

The environmental findings of these investigations are summarized below.

November 2006 Investigation Summary Report
Prepared by Impact Environmental

This investigation was conducted to define what, if any, contaminants have impacted the environmental quality of the Site. The objectives of this investigation were: 1) to determine the extent of any gasoline-

related soil or groundwater contamination associated with the NYSDEC Spill No. 95-06588; and 2) to determine the Site-specific groundwater flow direction, determined to be to the east-northeast. In November 2006, Impact Environmental installed four soil borings and four groundwater monitoring wells. Soil analytical results did not detect elevated volatile organic compound (VOC) concentrations in soil, with the exception of one detection of benzene at 6.6 parts per billion (ppb). Elevated polycyclic aromatic hydrocarbons (PAHs) were detected in soil samples collected at 4 to 11 ft bgs throughout the Site. Groundwater analytical results detected elevated concentrations of naphthalene, benzene, toluene, ethylbenzene, and xylenes (BTEX), and methyl-tert-butyl-ether (MTBE) above applicable standards. Impact Environmental concluded that the extent of the dissolved phase gasoline groundwater contamination was not fully delineated under the scope of this investigation. Accordingly, it was recommended that monitoring wells be installed hydraulically downgradient.

February 2007 Update to Subsurface Investigation Report – Citgo Service Station at 169 Third Avenue, Brooklyn, New York NYSDEC Spill No. 95-06588
Prepared by Impact Environmental

This letter was an update to the Subsurface Investigation Report prepared for the Site and included results from the installation and sampling of monitoring wells installed downgradient from impacted groundwater in wells observed in the 2006 investigation. Additional soil samples were collected from the locations of the monitoring wells. VOCs were not detected in soil and groundwater analytical results. Impact Environmental concluded that contamination did not migrate beyond the Site and considered the contamination fully delineated and proposed corrective action via a Remedial Action Plan which was submitted in April 2007 and approved in May 2007. Proposed remedial action included enhanced bioremediation combining Waterloo Emitter™, oxygen gas diffusive release technology, and BioCritter®, a naturally occurring microbial blend, in order to enhance the growth of microorganisms required for in-situ bioremediation. According to the No. 95-06588 Spill Report, the Remedial Action Plan was approved in May 2007, remedial systems were implemented in October 2007, and quarterly monitoring began in 2008 by GEI Consultants, Inc.

2017 to 2019 Quarterly Groundwater Monitoring Reports Spill No. 95-06588
Prepared by GEI Consultants, Inc.

Quarterly groundwater monitoring reports were received via Freedom of Information Law requests dated March 2017 through March 2019. Reports found no free product in monitoring wells at the Site and fluctuating levels of BTEX and petroleum-related VOCs. Spill closure was requested when VOC concentrations continued a downward trend with only three remaining wells exhibiting minor detections above groundwater standards. Remaining impacts were expected to naturally attenuate over time and GEI Consultants, Inc. concluded the Site did not pose a threat to human health or the environment. NYSDEC approved spill closure on May 16, 2019.

September 2021 Phase I ESA
Prepared by GEI Consultants, Inc.

A Phase I ESA was performed by GEI Consultants, Inc. in September 2021 for the purpose of identifying Recognized Environmental Conditions (RECs) in connection with the Site. As identified in the Phase I ESA, the Site was initially developed in the 1920s with multiple four-story commercial stores. Between 1972 and 1980, a gasoline service station began operations, and by 1978, the former car wash facility was developed.

The Phase I identified the following RECs at the Site:

- NYSDEC Spill Incident 9607280 – Open NYSDEC Spill incident located at the adjacent property across Third Avenue to the west of the subject Site. A monitoring well was required to be installed on the subject Site for gauging and sampling related to the open spill case.
- The Site has been operating as a gasoline service station since the 1970s.
- The Site was utilized for auto repair and detailing.

Additionally, three Historical Recognized Environmental Conditions (HRECs) were identified in connection with the Site, each corresponding to a closed spill case reported at the Site.

Details of each spill case are included below:

- Spill No. 1402248 was reported on June 2, 2014, due to a failed tank tightness test. The source of the leak was identified as a vent line at the vent stack. Repairs were made, the system passed retesting, and the spill case was closed on July 9, 2014.
- Spill No. 0902974 was reported on June 12, 2019, due to a failed tank tightness test. No contamination was observed, and a manway gasket was replaced. The tank passed the tank tightness test following the repair, and NYSDEC closed the spill case on August 18, 2019.
- Spill No. 9506588 was reported on August 17, 1995. This spill was investigated and remediated in conjunction with Spill No. 9607280 (associated with the west adjacent property). NYSDEC determined that the remediation was complete and closed the Spill No. on May 16, 2019.

December 2021 Limited Phase II ESI Report
Prepared by Haley & Aldrich of New York

Haley & Aldrich of New York completed a limited sampling event at the Site to investigate soil, soil vapor, and groundwater quality beneath the Site. Fill material, generally consisting of brown to dark brown coarse to medium sand with varying amounts of gravel, concrete, brick, asphalt, and silt, was observed from surface grade to approximately 8 to 10 ft bgs. The fill layer was underlain by brown fine silty sand extending to each boring terminus (approximately 15 ft bgs). Petroleum-like odors and elevated photoionization detector (PID) readings were encountered in borings B-4 and B-6 from 10 to 15 ft bgs with a maximum detected VOC concentration of 141.1 parts per million (ppm) in boring B-4. A groundwater sample was collected from the pre-existing groundwater monitoring well on Site (MW-1) associated with Spill No. 9607280 on the west-adjacent property. Three temporary soil vapor points, SV-1 through SV-3, were installed approximately 12 ft bgs (just above the groundwater interface).

Four petroleum-related VOCs were detected in Site soils above Unrestricted Use Soil Cleanup Objectives (UUSCOs) from 13 to 15 ft bgs. Multiple semi-volatile organic compounds (SVOCs), specifically PAHs, were identified at concentrations above the UUSCOs and Restricted Residential Soil Cleanup Objectives (RRSCOs) in soil samples from the surface to 4 ft bgs. Metals were detected exceeding both UUSCOs and RRSCOs in shallow and deep soil samples Site-wide. Arsenic was detected in one soil sample above the RRSCO and one soil sample above the UUSCO. Barium was detected above the RRSCO in one soil sample. Copper, lead, mercury, nickel, and selenium were detected in multiple soil samples throughout the Site above the UUSCOs.

No VOCs were detected above the Ambient Water Quality Standards (AWQS). Multiple SVOCs, specifically PAHs, were detected in MW-1 with estimated concentrations above the AWQS, including

benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, and indeno (1,2,3-cd) pyrene.

Total VOC concentrations in soil vapor ranged from 121,290 micrograms per cubic meter (µg/m^3) in sample SV-3 to 5,168,000 µg/m^3 in sample SV-2. Total BTEX concentrations ranged from non-detect in sample SV-1 to 28,000 µg/m^3 in SV-2.

The soil vapor sample results were also evaluated using the NYSDOH Decision Matrices A, B, and C (Updated May 2017) as referenced in the 2006 NYSDOH Soil Vapor Intrusion Guidance document. Indoor air was not sampled; therefore, the soil vapor concentrations were compared to the matrices to provide a range of recommended potential response measures. Of the compounds evaluated in the NYSDOH Decision Matrices, concentrations were not detected above the criteria thresholds for action.

March 2022 Remedial Investigation Report
Prepared by Haley & Aldrich of New York

Haley & Aldrich of New York completed a Phase II/RI for the New York City Office of Environmental Remediation (NYCOER) in January 2022 to investigate and delineate the nature and extent of contamination identified at the Site during the previous Limited Phase II ESI. The stratigraphy of the Site, from the surface down, consisted of approximately 8 to 10 ft of urban fill material, comprised of brown to dark brown coarse to fine sand with varying amounts of gravel, concrete, brick, asphalt, and silt, underlain by a potentially native layer consisting of brown fine silty sand. Petroleum-like odors and staining were observed in SB-05 from 18 to 20 ft bgs. PID readings ranged from non-detect at 0.0 ppm to 36.3 ppm in SB-05 at approximately 20 ft bgs. A total of 15 soil samples, four groundwater samples, and six soil vapor samples were collected (plus quality assurance/quality control [QA/QC] samples).

No VOCs were detected in soil samples at concentrations exceeding the applicable soil cleanup objectives. Seven SVOCs, specifically PAHs, were detected above RRSCOs. The SVOC 3-Methylphenol/ 4-Methylphenol was detected above the UUSCO in SB-07. No other SVOCs were detected above the UUSCOs or RRSCOs in any soil samples. Total polychlorinated biphenyls (PCBs) were detected exceeding the UUSCO in a shallow soil sample in SB-1. PCBs were not detected above UUSCOs or RRSCOs in any other soil sample. Four pesticides were detected above the UUSCOs but not the RRSCOs in SB-07. No other pesticides were detected above either UUSCOs or RRSCOs in any other sample. Four metals, including arsenic, copper, lead, and mercury, were detected above both UUSCOs and RRSCOs, and three metals, including nickel, selenium, and zinc, were detected above the UUSCOs in SB-7 at 12 to 14 ft bgs. No other metals were detected above both UUSCOs and RRSCOs in any other soil sample.

One soil sample, SB-02 (0-2'), was analyzed for emerging contaminants. Perfluoroheptanoic acid, perfluorooctanesulfonic acid (PFOS), C (PFOA), and perfluorotetradecanoic acid were identified above laboratory detection limits. No other PFOA/per- and polyfluoroalkyl substances (PFAS) compounds were identified above laboratory detection limits. The compound 1,4-dioxane was not detected above laboratory detection limits in the soil sample analyzed.

VOCs were not detected above AWQS in any sample. Two SVOCs were detected above the AWQS in TW-1. One SVOC was detected above the AWQS in TW-1 and TW-3. No other SVOCs were detected above the AWQS in any other groundwater samples. Six metals, including arsenic, iron, lead, manganese, mercury, and sodium, were detected above the AWQS in all four groundwater samples. No other metals were detected above the AWQS in any other groundwater samples. Three dissolved metals, including iron, manganese, and sodium, were detected above the AWQS in MW-1 and TW-2. No other dissolved

metals were detected above the AWQS in any other groundwater sample. PCBs and pesticides were not detected above the AWQS in any groundwater samples.

While a groundwater cleanup regulatory criterion does not exist for 1,4-dioxane in NYS, concentrations were compared to the NYS Drinking Water Maximum Contaminant Level (MCL) of 1 microgram per liter (µg/L). The compound 1,4-dioxane was not detected above the MCL in any groundwater samples. PFAS compounds in groundwater were compared to the NYSDEC June 2021 guidance values. One PFOA/PFAS compound was detected above the NYSDEC target limit of 10 nanograms per liter (ng/L) at 14.4 ng/L in TW-2. Eighteen additional PFOA/PFAS compounds were identified above detection limits.

Total VOC concentrations in soil vapor samples ranged from 56.04 µg/m^3 in sample SV-5 to 3,189.51 µg/m^3 in sample SV-2. Total BTEX concentrations ranged from non-detect in SV-2 to 23.45 µg/m^3 in SV-6. Chlorinated VOCs (CVOCs), including 1,1,1-trichloroethane, tetrachloroethene (PCE), trichloroethene (TCE), carbon tetrachloride, 1,1-dichloroethene, cis-1,2-dichloroethene (cis-1,2-DCE), and vinyl chloride, were not detected in soil vapor samples.

2.4 REMEDIAL ACTION OBJECTIVES

The Remedial Action Objectives (RAOs) for the Site, as listed in the Decision Document dated December 19, 2023, are as follows:

2.4.1 Groundwater

RAOs for Public Health Protection:

- Prevent ingestion of groundwater with contaminant levels exceeding drinking water standards.
- Prevent contact with, or inhalation of, volatiles from contaminated groundwater.

RAOs for Environmental Protection:

- Restore groundwater aquifer to pre-disposal/pre-release conditions, to the extent practicable.
- Remove the source of ground or surface water contamination.

2.4.2 Soil

RAOs for Public Health Protection:

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

RAOs for Environmental Protection:

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

2.4.3 Soil Vapor

RAOs for Public Health Protection:

- Mitigate impacts to public health resulting from existing, or the potential for, SVI into buildings at the Site.

2.5 SUMMARY OF REMEDIAL ACTION

Remedial actions were performed at the Site in accordance with the NYSDEC-approved RAWP dated October 30, 2023, the Decision Document dated December 19, 2023, and all applicable federal, state, and local rules and regulations. Remedial activities began on January 15, 2024, and were completed on January 22, 2025.

The remedial actions performed at the Site included:

- Development and implementation of a Construction Health & Safety Plan (CHASP) and Community Air Monitoring Plan (CAMP) for the protection of on-Site workers, visitors, community/residents, and the environment during remediation and construction activities.
- Construction and installation of a support-of-excavation (SOE) system to support excavation of soil that exceeds RRSCOs and Protection of Groundwater Soil Cleanup Objectives (PGWSCOs) to 15 to 17 ft bgs on the northern portion of the Site and to 20 ft bgs on the southern, former gasoline station, portion of the Site.
- Implementation of soil erosion, pollution, and sediment control measures in compliance with applicable laws and regulations.
- Decommissioning of on-Site monitoring wells, as necessary, in accordance with NYSDEC CP-43 Policy.
- Excavation, stockpiling, off-Site transport, and disposal of approximately 11,306.43 tons (7,187 cubic yards [cu yd]) total, including approximately 6,471.06 tons of non-hazardous soil/fill and 4,835.37 tons of hazardous soil under USEPA identification No. NYR000265355 that exceeds RRSCOs/PGWSCOs as defined by 6 NYCRR Part 375-6.8. Excavation extended to 15 to 15.5 ft bgs on the northern portion of the Site (approximately 9,025 sq ft area) and to 20 ft bgs on the southern, former gasoline station, portion of the Site (approximately 2,775 sq ft area). Excavation of a hotspot in the northern portion of the Site, surrounding former HA-25 and delineation borings, was extended to approximately 17 ft bgs to remove deeper material exceeding RRSCOs/PGWSCOs (i.e., mercury).
- Removal of two 4,000-gallon underground storage tanks (USTs) associated with former gasoline service station operations, and/or associated appurtenances (e.g., fill lines, vent lines, and electrical conduits) as well as decommissioning and off-Site disposal during redevelopment in accordance with DER-10, 6 NYCRR Part 613.9, NYSDEC CP-51, and other applicable NYSDEC UST closure requirements.
- Site-wide dewatering, as needed, characterization, and treatment of water accumulated in excavations prior to discharge to a New York City Department of Environmental Protection (NYCDEP)-approved sewer/sanitary line (pending permits), or localized dewatering with containerization, classification, and disposal at an approved receiving facility. Collection of dewatering influent and effluent samples to document groundwater quality at the Site during

remediation. Collection of groundwater samples from off-site sentinel monitoring wells to document groundwater quality during remediation during active Site-wide dewatering system operation.

- Screened for indications of contamination (by visual means, odor, and monitoring with a PID) of excavated material during intrusive Site work.
- Implementation of waste characterization by others to facilitate off-Site disposal of excavated soil/fill. As part of waste characterization and for disposal purposes, lateral and vertical delineations of total metals areas were completed as required by disposal facilities to facilitate off-Site disposal of excavated soil/fill.
- Appropriate off-Site disposal of material removed from the Site in accordance with federal, state, and local rules and regulations for handling, transport, and disposal.
- Backfilled the Site as needed for the development with NYSDEC-approved virgin clean stone.
- Upon completion of remedial excavation in the former gasoline filling station portion of the Site and once the dewatering system ceased operation and the groundwater table was allowed to return to static conditions, sodium and an activator (TSI-FSA™), an *in-situ* chemical oxidation (ISCO) reagent produced by Terra Systems, Inc., were be mixed *in-situ* at the base of the excavation from 20 to 22 ft bgs providing contact with the groundwater impacted with VOCs.
- Collection and analysis of confirmation soil samples at the proposed remediation depths in accordance with DER-10 to document post-excavation conditions and confirm that Track 2 RRSCOs/PGWSCOs were achieved.
- Completion of an SVI Evaluation in March 2025, including indoor air sampling, to assess indoor air quality in accordance with DER-10 and NYSDOH Final Guidance on Soil Vapor Intrusion following remedial excavation activities and prior to occupancy. Analytical results did not identify VOCs at concentrations in indoor air indicative of concern for future intended Site use. The SVI Evaluation Report, provided in **Appendix G**, determined that no further action regarding SVI was required at the Site.
- Development of an SMP for long-term management of residual contamination as required by an EE, including plans for (1) ICs, (2) monitoring, and (3) reporting.
- Recording of an EE to restrict use of the Site and require compliance with the SMP.

2.6 REMAINING CONTAMINATION

2.6.1 Soil

Soil was characterized during investigations prior to entering the BCP and during the RI conducted as part of the BCP. During the RI, soil beneath the Site was found to have concentrations of VOCs, SVOCs, and metals above the RRSCOs and PGWSCOs, where applicable; therefore, soil excavation and disposal were included as a component of the Decision Document. Excavation was completed at the Site to reduce petroleum-based VOC and PAH concentrations in soil from 15 to 20 ft bgs.

Table 1 and Figure 5 summarize the results of confirmation endpoint soil samples collected that exceed the RRSCOs and applicable PGWSCOs after completion of the remedial action.

2.6.2 Groundwater

Source material has been addressed during the remedial action via removal of soil impacted with contaminants exceeding the applicable PGWSCOs, dewatering (6,570 gallons), and application of sodium persulfate and an activator reagent (TSI-FSA™) for ISCO to address residual contamination. Due to over-excavations in this area and in consultation with the NYSDEC, the mixing zone was changed to 20 to 22 ft bgs. A post-remedy grab groundwater sample was not collected due to the dewatering system being operational, lowering the groundwater table below the treatment zone depth of 22 ft bgs. No sampling from monitoring wells was conducted following the ISCO soil mixing because the entire Site is covered by a foundation installed below the water table, preventing the installation of groundwater monitoring wells. By addressing the source material as detailed herein, the remedy achieved a restricted residential Track 2 use without the need for continued on-Site monitoring, and remaining contamination in groundwater is trace residual petroleum-related compounds not attributed to source material.

3. Institutional and Engineering Control Plan

3.1 GENERAL

Since remaining contamination exists at the Site, ICs are required to protect human health and the environment. This IC Plan describes the procedures for the implementation and management of all IC/ECs at the Site. The IC Plan is one component of the SMP and is subject to revision by the NYSDEC project manager.

This plan provides:

- A description of all ICs on the Site;
- The basic implementation and intended role of each IC;
- A description of the key components of the IC is set forth in the EE;
- A description of the controls to be evaluated during each required inspection and periodic review;
- A description of plans and procedures to be followed for implementation of ICs, such as the implementation of the EWP (as provided in **Appendix C**) for the proper handling of remaining contamination that may be disturbed during maintenance or redevelopment work on the Site;
- A provision for evaluation of the potential SVI for any occupied buildings on the Site, including provision for implementing actions recommended to address exposures related to SVI; and
- Any other provisions necessary to identify or establish methods for implementing the ICs required by the Site remedy, as determined by the NYSDEC project manager.

3.2 INSTITUTIONAL CONTROLS

A series of ICs is required by the Decision Document to (1) implement, maintain, and monitor EC systems; (2) prevent future exposure to remaining contamination; (3) limit the use and development of the Site to restricted residential, commercial, and industrial uses only, and; (4) require compliance with the NYSDEC-approved SMP. Adherence to these ICs on the Site is required by the EE and will be implemented under this SMP. ICs identified in the EE may not be discontinued without an amendment to or extinguishment of the EE. The IC boundaries are shown on **Figure 2**. These ICs are as follows:

- The property may be used for restricted residential, commercial, or industrial use.
- The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the NYSDOH to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the Department.
- Other environmental or public health monitoring must be performed as defined in this SMP.
- Data and information pertinent to Site management must be reported at the frequency and in a manner as defined in this SMP.
- All future activities that will disturb remaining contaminated material must be conducted in accordance with this SMP.

- Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in this SMP.
- Access to the Site must be provided to agents, employees, or other representatives of the state of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by the EE.
- The potential for vapor intrusion must be evaluated for any buildings developed in the area within the IC boundaries noted on **Figure 2**, and any potential impacts that are identified must be monitored or mitigated.
- Vegetable gardens and farming on the Site are prohibited.
- An evaluation shall be performed to determine the need for further investigation and remediation should large-scale redevelopment occur, if any of the existing structures are demolished, or if the subsurface is otherwise made accessible.

3.3 ENGINEERING CONTROLS

No ECs are required for this Site.

4. Monitoring and Sampling Plan

4.1 GENERAL

This Monitoring and Sampling Plan describes the measures for evaluating the overall performance and effectiveness of the remedy. This Monitoring and Sampling Plan may only be revised with the approval of the NYSDEC project manager.

This Monitoring and Sampling Plan describes the methods to be used for:

- Evaluating Site information periodically to confirm that the remedy continues to be effective in protecting public health and the environment.

To adequately address these issues, this Monitoring and Sampling Plan provides information on:

- Annual inspection and periodic certification.

Reporting requirements are provided in Section 7.0 of this SMP.

4.2 SITE–WIDE INSPECTION

Site-wide inspections will be performed at a minimum of once per year. These periodic inspections must be conducted when the ground surface is visible (i.e., no snow cover). Site-wide inspections will be performed by a QEP as defined in 6 NYCRR Part 375, a P.E. who is licensed and registered in NYS, or a qualified person who directly reports to a P.E. who is licensed and registered in NYS (depending on the need to evaluate ECs). Modification to the frequency or duration of the inspections will require approval from the NYSDEC project manager. Site-wide inspections will also be performed after all severe weather conditions that may affect ECs or monitoring devices. During these inspections, an inspection form will be completed as provided in **Appendix D** – Site Management Forms. The form will compile sufficient information to assess the following:

- Compliance with all ICs, including Site usage;
- An evaluation of the condition and continued effectiveness of ICs;
- General Site conditions at the time of the inspection;
- The Site management activities being conducted, including, where appropriate, confirmation sampling and a health and safety inspection; and,
- Confirmation that Site records are up to date.

Inspections of all remedial components installed at the Site will be conducted. A comprehensive Site-wide inspection will be conducted and documented according to the SMP schedule, regardless of the frequency of the Periodic Review Report (PRR). The inspections will determine and document the following:

- Compliance with requirements of this SMP and the EE;
- Achievement of remedial performance criteria; and,
- If Site records are complete and up to date.

Reporting requirements are outlined in Section 7.0 of this plan.

5. Operations and Maintenance Plan

5.1 GENERAL

The Site remedy does not rely on any mechanical systems, such as groundwater treatment systems, sub-slab depressurization systems, or air sparge/soil vapor extraction systems, to protect public health and the environment. Therefore, the operation and maintenance of such components are not included in this SMP.

6. Periodic Assessments/Evaluations

6.1 CLIMATE CHANGE VULNERABILITY ASSESSMENT

Increases in both the severity and frequency of storms/weather events, an increase in sea level elevations along with accompanying flooding impacts, shifting precipitation patterns, and wide temperature fluctuation, resulting from global climactic change and instability, have the potential to significantly impact the performance, effectiveness, and protectiveness of a given Site and associated remedial systems. Vulnerability assessments provide information so that the Site and associated remedial systems are prepared for the impacts of the increasing frequency and intensity of severe storms/weather events and associated flooding.

A vulnerability assessment will be conducted for the Site during periodic assessments to ensure resilience to severe storms/weather events and associated flooding.

6.2 GREEN REMEDIATION EVALUATION

NYSDEC's DER-31 Green Remediation requires that green remediation concepts and techniques be considered during all stages of the remedial program, including Site management, with the goal of improving the sustainability of the cleanup and summarizing the net environmental benefit of any implemented green technology. As the Site will not utilize remedial systems during site management, this SMP does not require any green remediation evaluations to be completed for the Site during Site management. Any updates or related Site improvements will be incorporated into the PRR.

6.2.1 Timing of Green Remediation Evaluations

No remedial systems are included in this remedy. However, for major remedial system components, green remediation evaluations and corresponding modifications will be undertaken as part of a formal Remedial System Optimization (RSO), or at any time that the NYSDEC project manager feels appropriate (e.g., during significant maintenance events or in conjunction with storm recovery activities).

6.2.2 Remedial Systems

No remedial systems are included in this remedy. However, in the event remedial systems are required in the future, they will be operated properly, considering the current Site conditions to conserve materials and resources to the greatest extent possible. Consideration will be given to operating rates and the use of reagents and consumables. Spent materials will be sent for recycling, as appropriate.

6.2.3 Building Operations

Structures, including buildings and sheds, will be operated and maintained to provide for the most efficient operation of the remedy while minimizing energy, waste generation, and water consumption.

6.2.4 Frequency of System Checks, Sampling, and Other Periodic Activities

Transportation to and from the Site, use of consumables in relation to visiting the Site in order to conduct system checks and/or collect samples, and shipping samples to a laboratory for analyses have direct and/or inherent energy costs. The schedule and/or means of these periodic activities have been

prepared so that these tasks can be accomplished in a manner that does not impact remedy protectiveness, yet reduces the expenditure of energy or resources.

6.2.5 Metrics and Reporting

As discussed in Section 7.0 and as shown in **Appendix D** – Site Management Forms, where applicable information on energy usage, solid waste generation, transportation and shipping, water usage, and land use and ecosystems will be recorded to facilitate and document consistent implementation of Green Remediation during Site management and to identify corresponding benefits. A set of metrics has been developed.

6.3 REMEDIAL SYSTEM OPTIMIZATION

No remedial systems are included in this remedy. However, in the event remedial systems are required in the future, an RSO study will be conducted at any time that the NYSDEC project manager or the Remedial Party requests in writing that an in-depth evaluation of the remedy is needed. An RSO may be appropriate if any of the following occur:

- The remedial actions have not met or are not expected to meet RAOs in the time frame estimated in the Decision Document;
- The management and operation of the remedial system are exceeding the estimated costs;
- The remedial system is not performing as expected or as designed;
- Previously unidentified source material may be suspected;
- A plume shift has potentially occurred;
- Site conditions change due to development, change of use, change in groundwater use, etc.;
- There is an anticipated transfer of the Site management to another Remedial Party or agency; and/or,
- A new and applicable remedial technology becomes available.

An RSO will provide a critique of a Site's conceptual model, give a summary of past performance, document current cleanup practices, summarize progress made toward the Site's cleanup goals, gather additional performance or media-specific data and information, and provide recommendations for improvements to enhance the ability of the present system to reach RAOs or to provide a basis for changing the remedial strategy.

7. Reporting Requirements

7.1 SITE MANAGEMENT REPORTS

All Site management inspection and maintenance events will be recorded on the appropriate Site management forms provided in **Appendix D**. These forms are subject to NYSDEC revision. All Site management inspection and maintenance events will be conducted by a QEP as defined in 6 NYCRR Part 375, a P.E. who is licensed and registered in NYS, or a qualified person who directly reports to a P.E. who is licensed and registered in NYS.

All applicable inspection forms and other records generated for the Site during the reporting period will be provided in electronic format to the NYSDEC in accordance with the requirements of **Table III** below and summarized in the PRR.

Table III: Schedule of Interim Monitoring/Inspection Reports	
Task/Report	**Reporting Frequency***
SVI Evaluation Report	One time, upon completion of the building envelope, prior to building occupancy, and 60 days following completion of SVI Evaluation. The SVI Evaluation has been completed, and the report has been included as **Appendix G.**
First PRR	16 months after the COC
Follow-on PRRs	Frequency to be determined after submittal of the first PRR
**** Note**: The frequency of events will be conducted as specified until otherwise approved by the NYSDEC project manager.*	

All interim monitoring/inspection reports will include, at a minimum:

- Date of event or reporting period;
- Name, company, and position of person(s) conducting monitoring/inspection activities;
- Description of the activities performed;
- Where appropriate, color photographs or sketches showing the approximate location of any problems or incidents noted (included either on the checklist/form or on an attached sheet);
- Any observations, conclusions, or recommendations; and,
- A determination as to whether contaminant conditions have changed since the last reporting event.

Routine maintenance event reporting forms will include, at a minimum:

- Date of event;
- Name, company, and position of person(s) conducting maintenance activities;
- Description of maintenance activities performed;
- Any modifications to the system;

- Where appropriate, color photographs or sketches showing the approximate location of any problems or incidents noted (included either on the checklist/form or on an attached sheet); and,
- Other documentation, such as copies of invoices for maintenance work, receipts for replacement equipment, etc. (attached to the checklist/form).

Non-routine maintenance event reporting forms will include, at a minimum:

- Date of event;
- Name, company, and position of person(s) conducting non-routine maintenance/repair activities;
- Description of non-routine activities performed;
- Where appropriate, color photographs or sketches showing the approximate location of any problems or incidents (included either on the form or on an attached sheet); and,
- Other documentation such as copies of invoices for repair work, receipts for replacement equipment, etc. (attached to the checklist/form).

If applicable, data will be reported in digital format as determined by the NYSDEC. Currently, data are to be supplied electronically and submitted to the NYSDEC EQuIS™ database in accordance with the requirements found at this link http://www.dec.ny.gov/chemical/62440.html.

7.2 PERIODIC REVIEW REPORT

A PRR will be submitted to the NYSDEC project manager beginning 16 months after the COC is issued. After submittal of the initial PRR, the next PRR shall be submitted annually to the NYSDEC project manager or at another frequency as may be required by the NYSDEC project manager. In the event that the Site is subdivided into separate parcels with different ownership, a single PRR will be prepared that addresses the Site described in **Appendix A** - Environmental Easement. The report will be prepared in accordance with NYSDEC's DER-10 and submitted within 30 days of the end of each certification period. Media sampling results will also be incorporated into the PRR. The report will include:

- Identification, assessment, and certification of all ICs required by the remedy for the Site.
- Results of the required annual Site inspections, fire inspections, and severe condition inspections, if applicable.
- All applicable Site management forms and other records generated for the Site during the reporting period in the NYSDEC-approved electronic format, if not previously submitted.
- Identification of any wastes generated during the reporting period, along with waste characterization data, manifests, and disposal documentation.
- A summary of any discharge monitoring data and/or information generated during the reporting period, with comments and conclusions.
- Data summary tables and graphical representations of contaminants of concern by media (groundwater, soil vapor, etc.), which include a listing of all compounds analyzed, along with the applicable standards, with all exceedances highlighted. These tables and figures will include a presentation of past data as part of an evaluation of contaminant concentration trends.

- If applicable, results of all analyses, copies of all laboratory data sheets, and the required laboratory data deliverables for all samples collected during the reporting period will be submitted in digital format as determined by the NYSDEC. Currently, data are supplied electronically and submitted to the NYSDEC EQuIS™ database in accordance with the requirements found at this link: http://www.dec.ny.gov/chemical/62440.html.
- A Site evaluation, which includes the following:
  - The compliance of the remedy with the requirements of the Site-specific Decision Document;
  - Any new conclusions or observations regarding Site contamination based on inspections or data generated by the Monitoring and Sampling Plan for the media being monitored;
  - Recommendations regarding any necessary changes to the remedy and/or Monitoring and Sampling Plan;
  - An evaluation of trends in contaminant levels in the affected media to determine if the remedy continues to be effective in achieving remedial goals as specified by the Decision Document; and,
  - The overall performance and effectiveness of the remedy.

7.2.1 Certification of Institutional Controls

Certification of ICs will be included in the PRR.

Following the last inspection of the reporting period, a QEP or P.E. licensed to practice and registered in NYS will prepare, and include in the PRR, the following certification as per the requirements of NYSDEC DER-10:

"For each institutional control identified for the Site, I certify that all of the following statements are true:

- The inspection of the Site to confirm the effectiveness of the IC required by the remedial program was performed under my direction;
- The institutional control employed at this Site is unchanged from the date the control was put in place, or last approved by the Department;
- Nothing has occurred that would impair the ability of the control to protect the public health and environment;
- Nothing has occurred that would constitute a violation or failure to comply with any Site management plan for this control;
- Access to the Site will continue to be provided to the Department to evaluate the remedy, including access to evaluate the continued maintenance of this control;
- If a financial assurance mechanism is required under the oversight document for the Site, the mechanism remains valid and sufficient for the intended purpose under the document;
- Use of the Site is compliant with the EE.
- To the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the Site remedial program and generally accepted engineering practices; and
- The information presented in this report is accurate and complete.

I certify that all information and statements in this certification form are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law. I, [name], of [business address], am certifying as [Owner or Owner's Designated Site Representative] for the Site."

"I certify that the New York State Education Department has granted a Certificate of Authorization to provide Professional Engineering services to the firm that prepared this Periodic Review Report."

The signed certification will be included in the PRR.

The PRR will be submitted, in electronic format, to the NYSDEC project manager and the NYSDOH project manager. The PRR may also need to be submitted in hard-copy format if requested by the NYSDEC project manager.

7.3 CORRECTIVE MEASURES WORK PLAN

If any component of the remedy is found to have failed, or if the periodic certification cannot be provided due to the failure of an IC or failure to conduct Site management activities, a Corrective Measures Work Plan will be submitted to the NYSDEC project manager for approval. This plan will explain the failure and provide the details and schedule for performing the work necessary to correct the failure. Unless an emergency condition exists, no work will be performed pursuant to the Corrective Measures Work Plan until it has been approved by the NYSDEC project manager.

7.4 REMEDIAL SYSTEM OPTIMIZATION REPORT

No remedial systems are included in this remedy. However, in the event remedial systems are required in the future and if an RSO is to be performed (see Section 6.3), upon completion of an RSO, an RSO report must be submitted to the NYSDEC project manager for approval. The RSO report will document the research/ investigation and data gathering that were conducted, evaluate the results and facts obtained, present a revised conceptual site model, and present recommendations. RSO recommendations are to be implemented upon approval from the NYSDEC. Additional work plans, design documents, Health and Safety Plans (HASPs), etc., may still be required to implement the recommendations, based upon the actions that need to be taken. A Final Engineering Report (FER) and update to the SMP may also be required.

RSO reports will be submitted, in electronic format, to the NYSDEC project manager and the NYSDOH project manager.

8. References

1. NYSDEC, 1998. Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1. June 1998 (April 2000 addendum).
2. New York State Department of Health, Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York, dated October 2006.
3. Investigation Summary Report, 169 Third Avenue, Brooklyn, New York. Prepared by Impact Environmental, prepared for ASTI Holding Corp, dated November 28, 2006.
4. New York State Department of Environmental Conservation, Part 375 of Title 6 of the New York Compliance of Codes, Rules and Regulations, Effective December 14, 2006.
5. Update to Investigation Summary Report, 169 Third Avenue, Brooklyn, New York. Prepared by Impact Environmental, dated February 21, 2007.
6. Remedial Action Plan 169 Third Avenue, Brooklyn, New York. Prepared by Impact Environmental, prepared for ASTI Holding Corp, dated April 21, 2007.
7. New York State Department of Environmental Conservation, Program Policy DER-10, "Technical Guidance for Site Investigation and Remediation," May 2010.
8. Quarterly Update Report prepared by Berninger Environmental, dated March 31, 2019.
9. ASTM Phase I Environmental Site Assessment, 169 Third Avenue, Brooklyn, New York. Prepared by GEI Consultants, prepared for The Macchia Group, Inc., September 2021.
10. NYCOER Remedial Investigation Report (151-169 Third Avenue), March 2022. Prepared by Haley & Aldrich.
11. NYSDEC Remedial Investigation Report 169 Third Avenue, Brooklyn, New York. Prepared by Haley & Aldrich of New York, dated July 24, 2023.
12. Remedial Action Work Plan 169 Third Avenue, Brooklyn, New York. Prepared by Haley & Aldrich of New York, dated October 2023.
13. NYSDEC Decision Document dated December 19, 2023.

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TABLES

TABLE 1
SUMMARY OF SOIL QUALITY DATA
556 BALTIC STREET (AKA 169 3RD AVENUE)
BROOKLYN, NEW YORK
FILE NO. 0204090

Location Name / Sample Name / Sample Date / Lab Sample ID / Sample Depth (bgs)	Action Level: Restricted Use Soil Cleanup Objectives - Protection of Groundwater	Action Level: NY Part 375 Restricted Residential Use Soil Cleanup Objectives	EP-01 EP-01_15 10/10/2024 L2459156-04 15 - 15.5 (ft)	EP-02 EP-02_15 10/14/2024 L2459979-01 15 - 15.5 (ft)	EP-03 EP-03_15 10/10/2024 L2459156-03 15 - 15.5 (ft)	EP-03 EP-03-15.5 10/10/2024 L2459156-12 15.5 - 16 (ft)	EP-04 EP-04_15 10/15/2024 L2459979-02 15 - 15.5 (ft)	EP-05 EP-05_15 10/10/2024 L2459156-02 15 - 15.5 (ft)	EP-05 EP-05-15.5 10/10/2024 L2459156-09 15.5 - 16 (ft)	EP-06 EP-06_15 10/16/2024 L2460160-01 15 - 15.5 (ft)	EP-06 DUP-02_20241016 10/16/2024 L2460160-03 15 - 15.5 (ft)	EP-07 EP-07_15 10/10/2024 L2459156-01 15 - 15.5 (ft)	EP-08 EP-08_15 10/15/2024 L2459979-03 15 - 15.5 (ft)	EP-08 EP-08_15.5 10/15/2024 L2459979-15 15.5 - 16 (ft)	EP-09 EP-09_15 10/15/2024 L2459979-04 15 - 15.5 (ft)	EP-09 EP-09_15.5 10/15/2024 L2459979-18 L2469782-01 15.5 - 16 (ft)	EP-10 EP-10_15 10/15/2024 L2459979-05 15 - 15.5 (ft)	EP-10 EP-10_15.5 10/15/2024 L2459979-21 15.5 - 16 (ft)	EP-11 EP-11_15 10/09/2024 L2458745-01 15 - 15.5 (ft)
Volatile Organic Compounds (mg/kg)																					
1,1,1,2-Tetrachloroethane	NA	NA	ND (0.00056)	ND (0.00084)	ND (0.0011)	-	ND (0.00048) J	ND (0.00069)	-	ND (0.00048)	ND (0.00047)	ND (0.001)	ND (0.00069)	-	ND (0.00093)	-	ND (0.00094)	-	ND (0.05)
1,1,1-Trichloroethane	0.68	100	ND (0.00056)	ND (0.00084)	ND (0.0011)	-	ND (0.00048)	ND (0.00069)	-	ND (0.00048)	ND (0.00047)	ND (0.001)	ND (0.00069)	-	ND (0.00093)	-	ND (0.00094)	-	ND (0.05)
1,1,2,2-Tetrachloroethane	NA	NA	ND (0.00056)	ND (0.00084)	ND (0.0011)	-	ND (0.00048) J	ND (0.00069)	-	ND (0.00048)	ND (0.00047)	ND (0.001)	ND (0.00069)	-	ND (0.00093)	-	ND (0.00094)	-	ND (0.05)
1,1,2-Trichloroethane	NA	NA	ND (0.0011)	ND (0.0017)	ND (0.0021)	-	ND (0.00096) J	ND (0.0014)	-	ND (0.00096)	ND (0.00093)	ND (0.0021)	ND (0.0014)	-	ND (0.0018)	-	ND (0.0019)	-	ND (0.1)
1,1-Dichloroethane	0.27	26	ND (0.0011)	ND (0.0017)	ND (0.0021)	-	ND (0.00096)	ND (0.0014)	-	ND (0.00096)	ND (0.00093)	ND (0.0021)	ND (0.0014)	-	ND (0.0018)	-	ND (0.0019)	-	ND (0.1)
1,1-Dichloroethene	0.33	100	ND (0.0011)	ND (0.0017)	ND (0.0021)	-	ND (0.00096)	ND (0.0014)	-	ND (0.00096)	ND (0.00093)	ND (0.0021)	ND (0.0014)	-	ND (0.0018)	-	ND (0.0019)	-	ND (0.1)
1,1-Dichloropropene	NA	NA	ND (0.00056)	ND (0.00084)	ND (0.0011)	-	ND (0.00048)	ND (0.00069)	-	ND (0.00048)	ND (0.00047)	ND (0.001)	ND (0.00069)	-	ND (0.00093)	-	ND (0.00094)	-	ND (0.05)
1,2,3-Trichlorobenzene	NA	NA	ND (0.0022)	ND (0.0034)	ND (0.0042)	-	ND (0.0019) J	ND (0.0028)	-	ND (0.0019)	ND (0.0019)	ND (0.0042)	ND (0.0028)	-	ND (0.0037)	-	ND (0.0038)	-	ND (0.2)
1,2,3-Trichloropropane	NA	NA	ND (0.0022)	ND (0.0034)	ND (0.0042)	-	ND (0.0019) J	ND (0.0028)	-	ND (0.0019)	ND (0.0019)	ND (0.0042)	ND (0.0028)	-	ND (0.0037)	-	ND (0.0038)	-	ND (0.2)
1,2,4,5-Tetramethylbenzene	NA	NA	ND (0.0022)	ND (0.0034)	0.0017 J	-	ND (0.0019) J	0.29	-	0.00024 J	ND (0.0019)	ND (0.0042)	ND (0.0028)	-	ND (0.0037)	-	ND (0.0038)	-	4.2
1,2,4-Trichlorobenzene	NA	NA	ND (0.0022)	ND (0.0034)	ND (0.0042)	-	ND (0.0019) J	ND (0.0028)	-	0.00066 J	ND (0.0019)	ND (0.0042)	ND (0.0028)	-	ND (0.0037)	-	ND (0.0038)	-	ND (0.2)
1,2,4-Trimethylbenzene	3.6	52	ND (0.0022)	ND (0.0034)	ND (0.0042)	-	ND (0.0019) J	0.019 J+	-	0.00056 J	ND (0.0019)	ND (0.0042)	ND (0.0028)	-	ND (0.0037)	-	ND (0.0038)	-	1.9
1,2-Dibromo-3-chloropropane (DBCP)	NA	NA	ND (0.0034)	ND (0.0051)	ND (0.0064)	-	ND (0.0029) J	ND (0.0042)	-	ND (0.0029)	ND (0.0028)	ND (0.0063)	ND (0.0042)	-	ND (0.0056)	-	ND (0.0057)	-	ND (0.3)
1,2-Dibromoethane (Ethylene Dibromide)	NA	NA	ND (0.0011)	ND (0.0017)	ND (0.0021)	-	ND (0.00096) J	ND (0.0014)	-	ND (0.00096)	ND (0.00093)	ND (0.0021)	ND (0.0014)	-	ND (0.0018)	-	ND (0.0019)	-	ND (0.1)
1,2-Dichlorobenzene	1.1	100	ND (0.0022)	ND (0.0034)	ND (0.0042)	-	ND (0.0019) J	ND (0.0028)	-	0.00032 J	ND (0.0019)	ND (0.0042)	ND (0.0028)	-	ND (0.0037)	-	ND (0.0038)	-	ND (0.2)
1,2-Dichloroethane	0.02	3.1	ND (0.0011)	ND (0.0017)	ND (0.0021)	-	ND (0.00096)	ND (0.0014)	-	ND (0.00096)	ND (0.00093)	ND (0.0021)	ND (0.0014)	-	ND (0.0018)	-	ND (0.0019)	-	ND (0.1)
1,2-Dichloroethene (total)	NA	NA	ND (0.0011)	ND (0.0017)	ND (0.0021)	-	0.0012	ND (0.0014)	-	ND (0.00096)	ND (0.00093)	ND (0.0021)	ND (0.0014)	-	ND (0.0018)	-	ND (0.0019)	-	ND (0.1)
1,2-Dichloropropane	NA	NA	ND (0.0011)	ND (0.0017)	ND (0.0021)	-	ND (0.00096)	ND (0.0014)	-	ND (0.00096)	ND (0.00093)	ND (0.0021)	ND (0.0014)	-	ND (0.0018)	-	ND (0.0019)	-	ND (0.1)
1,3,5-Trimethylbenzene	8.4	52	ND (0.0022)	ND (0.0034)	ND (0.0042)	-	ND (0.0019) J	0.022 J+	-	ND (0.0019)	ND (0.0019)	ND (0.0042)	ND (0.0028)	-	ND (0.0037)	-	ND (0.0038)	-	0.83 J
1,3-Dichlorobenzene	2.4	49	ND (0.0022)	ND (0.0034)	ND (0.0042)	-	ND (0.0019) J	ND (0.0028)	-	ND (0.0019)	ND (0.0019)	ND (0.0042)	ND (0.0028)	-	ND (0.0037)	-	ND (0.0038)	-	ND (0.2)
1,3-Dichloropropane	NA	NA	ND (0.0022)	ND (0.0034)	ND (0.0042)	-	ND (0.0019) J	ND (0.0028)	-	ND (0.0019)	ND (0.0019)	ND (0.0042)	ND (0.0028)	-	ND (0.0037)	-	ND (0.0038)	-	ND (0.2)
1,3-Dichloropropene	NA	NA	ND (0.00056)	ND (0.00084)	ND (0.0011)	-	ND (0.00048)	ND (0.00069)	-	ND (0.00048)	ND (0.00047)	ND (0.001)	ND (0.00069)	-	ND (0.00093)	-	ND (0.00094)	-	ND (0.05)
1,4-Dichlorobenzene	1.8	13	ND (0.0022)	ND (0.0034)	ND (0.0042)	-	ND (0.0019) J	ND (0.0028)	-	ND (0.0019)	ND (0.0019)	ND (0.0042)	ND (0.0028)	-	ND (0.0037)	-	ND (0.0038)	-	ND (0.2)
1,4-Diethylbenzene	NA	NA	ND (0.0022)	ND (0.0034)	ND (0.0042)	-	ND (0.0019) J	0.09	-	0.0002 J	ND (0.0019)	ND (0.0042)	ND (0.0028)	-	ND (0.0037)	-	ND (0.0038)	-	2.3 J
1,4-Dioxane	0.1	13	ND (0.09)	ND (0.14)	ND (0.17)	-	ND (0.076)	ND (0.11)	-	ND (0.077)	ND (0.075)	ND (0.17)	ND (0.11)	-	ND (0.15)	-	ND (0.15)	-	ND (8.1)
2,2-Dichloropropane	NA	NA	ND (0.0022)	ND (0.0034)	ND (0.0042)	-	ND (0.0019)	ND (0.0028)	-	ND (0.0019)	ND (0.0019)	ND (0.0042)	ND (0.0028)	-	ND (0.0037)	-	ND (0.0038)	-	ND (0.2)
2-Butanone (Methyl Ethyl Ketone)	0.12	100	ND (0.011)	0.0062 J	0.01 J	-	ND (0.0096)	ND (0.014)	-	ND (0.0096)	0.0035 J	ND (0.021)	0.022	-	0.0052 J	-	ND (0.019)	-	ND (1)
2-Chlorotoluene	NA	NA	ND (0.0022)	ND (0.0034)	ND (0.0042)	-	ND (0.0019) J	ND (0.0028)	-	ND (0.0019)	ND (0.0019)	ND (0.0042)	ND (0.0028)	-	ND (0.0037)	-	ND (0.0038)	-	ND (0.2)
2-Hexanone (Methyl Butyl Ketone)	NA	NA	ND (0.011)	ND (0.017)	ND (0.021)	-	ND (0.0096) J	ND (0.014)	-	ND (0.0096)	ND (0.0093)	ND (0.021)	ND (0.014)	-	ND (0.018)	-	ND (0.019)	-	ND (1)
2-Phenylbutane (sec-Butylbenzene)	11	100	ND (0.0011)	ND (0.0017)	ND (0.0021)	-	ND (0.00096) J	0.033 J+	-	ND (0.00096)	ND (0.00093)	ND (0.0021)	ND (0.0014)	-	ND (0.0018)	-	ND (0.0019)	-	1
4-Chlorotoluene	NA	NA	ND (0.0022)	ND (0.0034)	ND (0.0042)	-	ND (0.0019) J	ND (0.0028)	-	ND (0.0019)	ND (0.0019)	ND (0.0042)	ND (0.0028)	-	ND (0.0037)	-	ND (0.0038)	-	ND (0.2)
4-Ethyltoluene (1-Ethyl-4-Methylbenzene)	NA	NA	ND (0.0022)	ND (0.0034)	ND (0.0042)	-	ND (0.0019) J	0.018	-	ND (0.0019)	ND (0.0019)	ND (0.0042)	ND (0.0028)	-	ND (0.0037)	-	ND (0.0038)	-	1.3
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	NA	ND (0.011)	ND (0.017)	ND (0.021)	-	ND (0.0096) J	ND (0.014)	-	ND (0.0096)	ND (0.0093)	ND (0.021)	ND (0.014)	-	ND (0.018)	-	ND (0.019)	-	ND (1)
Acetone	0.05	100	ND (0.011)	***0.052***	0.042	-	0.0048 J	0.027	-	ND (0.0096)	0.018 J+	ND (0.021)	***0.077***	-	0.043	-	0.021	-	ND (1)
Acrylonitrile	NA	NA	ND (0.0045)	ND (0.0068)	ND (0.0085)	-	ND (0.0038)	ND (0.0056)	-	ND (0.0038)	ND (0.0037)	ND (0.0084)	ND (0.0055)	-	ND (0.0074)	-	ND (0.0076)	-	ND (0.4)
Benzene	0.06	4.8	ND (0.00056)	ND (0.00084)	ND (0.0011)	-	ND (0.00048)	0.001	-	ND (0.00048)	ND (0.00047)	ND (0.001)	ND (0.00069)	-	ND (0.00093)	-	ND (0.00094)	-	***0.26***
Bromobenzene	NA	NA	ND (0.0022)	ND (0.0034)	ND (0.0042)	-	ND (0.0019) J	ND (0.0028)	-	ND (0.0019)	ND (0.0019)	ND (0.0042)	ND (0.0028)	-	ND (0.0037)	-	ND (0.0038)	-	ND (0.2)
Bromodichloromethane	NA	NA	ND (0.00056)	ND (0.00084)	ND (0.0011)	-	ND (0.00048)	ND (0.00069)	-	ND (0.00048)	ND (0.00047)	ND (0.001)	ND (0.00069)	-	ND (0.00093)	-	ND (0.00094)	-	ND (0.05)
Bromoform	NA	NA	ND (0.0045)	ND (0.0068)	ND (0.0085)	-	ND (0.0038) J	ND (0.0056)	-	ND (0.0038)	ND (0.0037)	ND (0.0084)	ND (0.0055)	-	ND (0.0074)	-	ND (0.0076)	-	ND (0.4)
Bromomethane (Methyl Bromide)	NA	NA	ND (0.0022)	ND (0.0034)	ND (0.0042)	-	ND (0.0019)	ND (0.0028)	-	ND (0.0019)	ND (0.0019)	ND (0.0042)	ND (0.0028)	-	ND (0.0037)	-	ND (0.0038)	-	ND (0.2)
Carbon disulfide	NA	NA	ND (0.011)	ND (0.017)	ND (0.021)	-	ND (0.0096)	ND (0.014)	-	ND (0.0096)	ND (0.0093)	ND (0.021)	0.0066 J	-	ND (0.018)	-	ND (0.019)	-	ND (1)
Carbon tetrachloride	0.76	2.4	ND (0.0011)	ND (0.0017)	ND (0.0021)	-	ND (0.00096)	ND (0.0014)	-	ND (0.00096)	ND (0.00093)	ND (0.0021)	ND (0.0014)	-	ND (0.0018)	-	ND (0.0019)	-	ND (0.1)
Chlorobenzene	1.1	100	ND (0.00056)	ND (0.00084)	ND (0.0011)	-	ND (0.00048) J	ND (0.00069)	-	ND (0.00048)	ND (0.00047)	ND (0.001)	ND (0.00069)	-	ND (0.00093)	-	ND (0.00094)	-	ND (0.05)
Chlorobromomethane	NA	NA	ND (0.0022)	ND (0.0034)	ND (0.0042)	-	ND (0.0019)	ND (0.0028)	-	ND (0.0019)	ND (0.0019)	ND (0.0042)	ND (0.0028)	-	ND (0.0037)	-	ND (0.0038)	-	ND (0.2)
Chloroethane	NA	NA	ND (0.0022)	ND (0.0034)	ND (0.0042)	-	ND (0.0019)	ND (0.0028)	-	ND (0.0019)	ND (0.0019)	ND (0.0042)	ND (0.0028)	-	ND (0.0037)	-	ND (0.0038)	-	ND (0.2)
Chloroform (Trichloromethane)	0.37	49	ND (0.0017)	ND (0.0025)	ND (0.0032)	-	ND (0.0014)	ND (0.0021)	-	0.00037 J	ND (0.0014)	ND (0.0032)	ND (0.0021)	-	ND (0.0028)	-	ND (0.0028)	-	ND (0.15)
Chloromethane (Methyl Chloride)	NA	NA	ND (0.0045)	ND (0.0068)	ND (0.0085)	-	ND (0.0038)	ND (0.0056)	-	ND (0.0038)	ND (0.0037)	ND (0.0084)	ND (0.0055)	-	ND (0.0074)	-	ND (0.0076)	-	ND (0.4)
cis-1,2-Dichloroethene	0.25	100	ND (0.0011)	ND (0.0017)	ND (0.0021)	-	0.0012	ND (0.0014)	-	ND (0.00096)	ND (0.00093)	ND (0.0021)	ND (0.0014)	-	ND (0.0018)	-	ND (0.0019)	-	ND (0.1)
cis-1,3-Dichloropropene	NA	NA	ND (0.00056)	ND (0.00084)	ND (0.0011)	-	ND (0.00048)	ND (0.00069)	-	ND (0.00048)	ND (0.00047)	ND (0.001)	ND (0.00069)	-	ND (0.00093)	-	ND (0.00094)	-	ND (0.05)
Cymene (p-Isopropyltoluene)	NA	NA	ND (0.0011)	ND (0.0017)	0.00028 J	-	ND (0.00096) J	0.024 J+	-	ND (0.00096)	ND (0.00093)	0.00094 J	ND (0.0014)	-	0.00025 J	-	ND (0.0019)	-	0.31 J
Dibromochloromethane	NA	NA	ND (0.0011)	ND (0.0017)	ND (0.0021)	-	ND (0.00096) J	ND (0.0014)	-	ND (0.00096)	ND (0.00093)	ND (0.0021)	ND (0.0014)	-	ND (0.0018)	-	ND (0.0019)	-	ND (0.1)
Dibromomethane	NA	NA	ND (0.0022)	ND (0.0034)	ND (0.0042)	-	ND (0.0019)	ND (0.0028)	-	ND (0.0019)	ND (0.0019)	ND (0.0042)	ND (0.0028)	-	ND (0.0037)	-	ND (0.0038)	-	ND (0.2)
Dichlorodifluoromethane (CFC-12)	NA	NA	ND (0.011)	ND (0.017)	ND (0.021)	-	ND (0.0096)	ND (0.014)	-	ND (0.0096)	ND (0.0093)	ND (0.021)	ND (0.014)	-	ND (0.018)	-	ND (0.019)	-	ND (1)
Ethyl Ether	NA	NA	ND (0.0022) J	ND (0.0034)	ND (0.0042) J	-	ND (0.0019)	ND (0.0028) J	-	ND (0.0019) J	ND (0.0019) J	ND (0.0042) J	ND (0.0028)	-	ND (0.0037)	-	ND (0.0038)	-	ND (0.2) J
Ethylbenzene	1	41	ND (0.0011)	ND (0.0017)	ND (0.0021)	-	ND (0.00096) J	0.002 J+	-	ND (0.00096)	ND (0.00093)	ND (0.0021)	ND (0.0014)	-	ND (0.0018)	-	ND (0.0019)	-	0.58
Hexachlorobutadiene	NA	NA	ND (0.0045)	ND (0.0068)	ND (0.0085)	-	ND (0.0038) J	ND (0.0056)	-	ND (0.0038)	ND (0.0037)	ND (0.0084)	ND (0.0055)	-	ND (0.0074)	-	ND (0.0076)	-	ND (0.4)
Isopropylbenzene (Cumene)	NA	NA	ND (0.0011)	ND (0.0017)	ND (0.0021)	-	ND (0.00096) J	0.018 J+	-	ND (0.00096)	ND (0.00093)	ND (0.0021)	ND (0.0014)	-	ND (0.0018)	-	ND (0.0019)	-	1.2 J
m,p-Xylenes	NA	NA	ND (0.0022)	ND (0.0034)	ND (0.0042)	-	ND (0.0019) J	0.0038 J+	-	ND (0.0019)	ND (0.0019)	ND (0.0042)	ND (0.0028)	-	ND (0.0037)	-	ND (0.0038)	-	0.91 J
Methyl Tert Butyl Ether (MTBE)	0.93	100	ND (0.0022)	ND (0.0034)	ND (0.0042)	-	ND (0.0019)	ND (0.0028)	-	ND (0.0019)	ND (0.0019)	ND (0.0042)	ND (0.0028)	-	ND (0.0037)	-	0.00058 J	-	0.041 J
Methylene chloride (Dichloromethane)	0.05	100	ND (0.0056)	ND (0.0084)	ND (0.011)	-	ND (0.0048)	ND (0.0069)	-	ND (0.0048)	ND (0.0047)	ND (0.01)	ND (0.0069)	-	ND (0.0093)	-	ND (0.0094)	-	ND (0.5)

TABLE 1
SUMMARY OF SOIL QUALITY DATA
556 BALTIC STREET (AKA 169 3RD AVENUE)
BROOKLYN, NEW YORK
FILE NO. 0204090

Location Name / Sample Name / Sample Date / Lab Sample ID / Sample Depth (bgs)	Action Level: Restricted Use Soil Cleanup Objectives - Protection of Groundwater	Action Level: NY Part 375 Restricted Residential Use Soil Cleanup Objectives	EP-01 EP-01_15 10/10/2024 L2459156-04 15 - 15.5 (ft)	EP-02 EP-02_15 10/14/2024 L2459979-01 15 - 15.5 (ft)	EP-03 EP-03_15 10/10/2024 L2459156-03 15 - 15.5 (ft)	EP-03 EP-03-15.5 10/10/2024 L2459156-12 15.5 - 16 (ft)	EP-04 EP-04_15 10/15/2024 L2459979-02 15 - 15.5 (ft)	EP-05 EP-05_15 10/10/2024 L2459156-02 15 - 15.5 (ft)	EP-05 EP-05-15.5 10/10/2024 L2459156-09 15.5 - 16 (ft)	EP-06 EP-06_15 10/16/2024 L2460160-01 15 - 15.5 (ft)	EP-06 DUP-02_20241016 10/16/2024 L2460160-03 15 - 15.5 (ft)	EP-07 EP-07_15 10/10/2024 L2459156-01 15 - 15.5 (ft)	EP-08 EP-08_15 10/15/2024 L2459979-03 15 - 15.5 (ft)	EP-08 EP-08_15.5 10/15/2024 L2459979-15 15.5 - 16 (ft)	EP-09 EP-09_15 10/15/2024 L2459979-04 15 - 15.5 (ft)	EP-09 EP-09_15.5 10/15/2024 L2459979-18 L2469782-01 15.5 - 16 (ft)	EP-10 EP-10_15 10/15/2024 L2459979-05 15 - 15.5 (ft)	EP-10 EP-10_15.5 10/15/2024 L2459979-21 15.5 - 16 (ft)	EP-11 EP-11_15 10/09/2024 L2458745-01 15 - 15.5 (ft)
Naphthalene	12	100	ND (0.0045)	ND (0.0068)	ND (0.0085)	-	ND (0.0038) J	0.034 J+	-	ND (0.0038)	ND (0.0037)	ND (0.0084)	ND (0.0055)	-	ND (0.0074)	-	ND (0.0076)	-	2.2 J
n-Butylbenzene	12	100	ND (0.0011)	ND (0.0017)	ND (0.0021)	-	ND (0.00096) J	0.053 J+	-	ND (0.00096)	ND (0.00093)	ND (0.0021)	ND (0.0014)	-	ND (0.0018)	-	ND (0.0019)	-	2.1
n-Propylbenzene	3.9	100	ND (0.0011)	ND (0.0017)	ND (0.0021)	-	ND (0.00096) J	0.058 J+	-	ND (0.00096)	ND (0.00093)	ND (0.0021)	ND (0.0014)	-	ND (0.0018)	-	ND (0.0019)	-	***4.2 J***
o-Xylene	NA	NA	ND (0.0011)	ND (0.0017)	ND (0.0021)	-	ND (0.00096) J	0.0019 J+	-	ND (0.00096)	ND (0.00093)	ND (0.0021)	ND (0.0014)	-	ND (0.0018)	-	ND (0.0019)	-	0.24 J
Styrene	NA	NA	ND (0.0011)	ND (0.0017)	ND (0.0021)	-	ND (0.00096) J	ND (0.0014)	-	ND (0.00096)	ND (0.00093)	ND (0.0021)	ND (0.0014)	-	ND (0.0018)	-	ND (0.0019)	-	ND (0.1)
tert-Butylbenzene	5.9	100	ND (0.0022)	ND (0.0034)	ND (0.0042)	-	ND (0.0019) J	0.0022 J+	-	ND (0.0019)	ND (0.0019)	ND (0.0042)	ND (0.0028)	-	ND (0.0037)	-	ND (0.0038)	-	0.032 J
Tetrachloroethene	1.3	19	ND (0.00056)	ND (0.00084)	ND (0.0011)	-	0.00023 J	ND (0.00069)	-	ND (0.00048)	ND (0.00047)	ND (0.001)	ND (0.00069)	-	ND (0.00093)	-	ND (0.00094)	-	ND (0.05)
Toluene	0.7	100	ND (0.0011)	ND (0.0017)	ND (0.0021)	-	ND (0.00096) J	ND (0.0014)	-	ND (0.00096)	ND (0.00093)	ND (0.0021)	ND (0.0014)	-	ND (0.0018)	-	ND (0.0019)	-	0.31
trans-1,2-Dichloroethene	0.19	100	ND (0.0017)	ND (0.0025)	ND (0.0032)	-	ND (0.0014)	ND (0.0021)	-	ND (0.0014)	ND (0.0014)	ND (0.0032)	ND (0.0021)	-	ND (0.0028)	-	ND (0.0028)	-	ND (0.15)
trans-1,3-Dichloropropene	NA	NA	ND (0.0011)	ND (0.0017)	ND (0.0021)	-	ND (0.00096) J	ND (0.0014)	-	ND (0.00096)	ND (0.00093)	ND (0.0021)	ND (0.0014)	-	ND (0.0018)	-	ND (0.0019)	-	ND (0.1)
trans-1,4-Dichloro-2-butene	NA	NA	ND (0.0056)	ND (0.0084)	ND (0.011)	-	ND (0.0048) J	ND (0.0069)	-	ND (0.0048)	ND (0.0047)	ND (0.01)	ND (0.0069)	-	ND (0.0093)	-	ND (0.0094)	-	ND (0.5)
Trichloroethene	0.47	21	ND (0.00056)	ND (0.00084)	ND (0.0011)	-	0.0002 J	ND (0.00069)	-	ND (0.00048)	ND (0.00047)	ND (0.001)	ND (0.00069)	-	ND (0.00093)	-	ND (0.00094)	-	ND (0.05)
Trichlorofluoromethane (CFC-11)	NA	NA	ND (0.0045)	ND (0.0068)	ND (0.0085)	-	ND (0.0038)	ND (0.0056)	-	ND (0.0038)	ND (0.0037)	ND (0.0084)	ND (0.0055)	-	ND (0.0074)	-	ND (0.0076)	-	ND (0.4)
Vinyl acetate	NA	NA	ND (0.011)	ND (0.017)	ND (0.021)	-	ND (0.0096) J	ND (0.014)	-	ND (0.0096)	ND (0.0093)	ND (0.021)	ND (0.014)	-	ND (0.018)	-	ND (0.019)	-	ND (1)
Vinyl chloride	0.02	0.9	ND (0.0011)	ND (0.0017)	ND (0.0021)	-	ND (0.00096)	ND (0.0014)	-	ND (0.00096) J	ND (0.00093) J	ND (0.0021)	ND (0.0014)	-	ND (0.0018)	-	ND (0.0019)	-	ND (0.1)
Xylene (Total)	1.6	100	ND (0.0011)	ND (0.0017)	ND (0.0021)	-	ND (0.00096)	0.0057	-	ND (0.00096)	ND (0.00093)	ND (0.0021)	ND (0.0014)	-	ND (0.0018)	-	ND (0.0019)	-	1.2
Semi-Volatile Organic Compounds (mg/kg)																			
1,2,4,5-Tetrachlorobenzene	NA	NA	ND (0.19)	ND (0.21)	ND (0.26)	-	ND (0.19)	ND (0.2)	-	ND (0.2)	ND (0.2)	ND (0.24)	ND (0.21)	-	ND (0.44)	-	ND (0.25)	-	ND (0.23)
1,2,4-Trichlorobenzene	NA	NA	ND (0.19)	ND (0.21)	ND (0.26)	-	ND (0.19)	ND (0.2)	-	ND (0.2)	ND (0.2)	ND (0.24)	ND (0.21)	-	ND (0.44)	-	ND (0.25)	-	ND (0.23)
1,2-Dichlorobenzene	1.1	100	ND (0.19)	ND (0.21)	ND (0.26)	-	ND (0.19)	ND (0.2)	-	ND (0.2)	ND (0.2)	ND (0.24)	ND (0.21)	-	ND (0.44)	-	ND (0.25)	-	ND (0.23)
1,3-Dichlorobenzene	2.4	49	ND (0.19)	ND (0.21)	ND (0.26)	-	ND (0.19)	ND (0.2)	-	ND (0.2)	ND (0.2)	ND (0.24)	ND (0.21)	-	ND (0.44)	-	ND (0.25)	-	ND (0.23)
1,4-Dichlorobenzene	1.8	13	ND (0.19)	ND (0.21)	ND (0.26)	-	ND (0.19)	ND (0.2)	-	ND (0.2)	ND (0.2)	ND (0.24)	ND (0.21)	-	ND (0.44)	-	ND (0.25)	-	ND (0.23)
1,4-Dioxane	0.1	13	ND (0.029)	ND (0.031)	ND (0.038)	-	ND (0.029)	ND (0.031)	-	ND (0.03)	ND (0.029)	ND (0.037)	ND (0.032)	-	ND (0.067)	-	ND (0.038)	-	ND (0.034)
2,2'-oxybis(1-Chloropropane)	NA	NA	ND (0.23)	ND (0.25)	ND (0.31)	-	ND (0.23)	ND (0.24)	-	ND (0.24)	ND (0.23)	ND (0.29)	ND (0.26)	-	ND (0.53)	-	ND (0.3)	-	ND (0.28)
2,4,5-Trichlorophenol	NA	NA	ND (0.19)	ND (0.21)	ND (0.26)	-	ND (0.19)	ND (0.2)	-	ND (0.2)	ND (0.2)	ND (0.24)	ND (0.21)	-	ND (0.44)	-	ND (0.25)	-	ND (0.23)
2,4,6-Trichlorophenol	NA	NA	ND (0.12)	ND (0.12)	ND (0.15)	-	ND (0.12)	ND (0.12)	-	ND (0.12)	ND (0.12)	ND (0.15)	ND (0.13)	-	ND (0.27)	-	ND (0.15)	-	ND (0.14)
2,4-Dichlorophenol	NA	NA	ND (0.18)	ND (0.19)	ND (0.23)	-	ND (0.17)	ND (0.18)	-	ND (0.18)	ND (0.18)	ND (0.22)	ND (0.19)	-	ND (0.4)	-	ND (0.23)	-	ND (0.21)
2,4-Dimethylphenol	NA	NA	ND (0.19)	ND (0.21)	ND (0.26)	-	ND (0.19)	ND (0.2)	-	ND (0.2)	ND (0.2)	ND (0.24)	ND (0.21)	-	ND (0.44)	-	ND (0.25)	-	ND (0.23)
2,4-Dinitrophenol	NA	NA	ND (0.93)	ND (1)	ND (1.2)	-	ND (0.93)	ND (0.98)	-	ND (0.97)	ND (0.94)	ND (1.2)	ND (1)	-	ND (2.1)	-	ND (1.2)	-	ND (1.1)
2,4-Dinitrotoluene	NA	NA	ND (0.19)	ND (0.21)	ND (0.26)	-	ND (0.19)	ND (0.2)	-	ND (0.2)	ND (0.2)	ND (0.24)	ND (0.21)	-	ND (0.44)	-	ND (0.25)	-	ND (0.23)
2,6-Dinitrotoluene	NA	NA	ND (0.19)	ND (0.21)	ND (0.26)	-	ND (0.19)	ND (0.2)	-	ND (0.2)	ND (0.2)	ND (0.24)	ND (0.21)	-	ND (0.44)	-	ND (0.25)	-	ND (0.23)
2-Chloronaphthalene	NA	NA	ND (0.19)	ND (0.21)	ND (0.26)	-	ND (0.19)	ND (0.2)	-	ND (0.2)	ND (0.2)	ND (0.24)	ND (0.21)	-	ND (0.44)	-	ND (0.25)	-	ND (0.23)
2-Chlorophenol	NA	NA	ND (0.19)	ND (0.21)	ND (0.26)	-	ND (0.19)	ND (0.2)	-	ND (0.2)	ND (0.2)	ND (0.24)	ND (0.21)	-	ND (0.44)	-	ND (0.25)	-	ND (0.23)
2-Methylnaphthalene	NA	NA	ND (0.23)	0.049 J	ND (0.31)	-	ND (0.23)	0.11 J	-	ND (0.24)	ND (0.23)	ND (0.29)	ND (0.26)	-	ND (0.53)	-	ND (0.3)	-	1.4 J
2-Methylphenol (o-Cresol)	0.33	100	ND (0.19)	ND (0.21)	ND (0.26)	-	ND (0.19)	ND (0.2)	-	ND (0.2)	ND (0.2)	ND (0.24)	ND (0.21)	-	ND (0.44)	-	ND (0.25)	-	ND (0.23)
2-Nitroaniline	NA	NA	ND (0.19)	ND (0.21)	ND (0.26)	-	ND (0.19)	ND (0.2)	-	ND (0.2)	ND (0.2)	ND (0.24)	ND (0.21)	-	ND (0.44)	-	ND (0.25)	-	ND (0.23)
2-Nitrophenol	NA	NA	ND (0.42)	ND (0.45)	ND (0.56)	-	ND (0.42)	ND (0.44)	-	ND (0.44)	ND (0.42)	ND (0.53)	ND (0.46)	-	ND (0.96)	-	ND (0.55)	-	ND (0.5)
3&4-Methylphenol	NA	NA	ND (0.28)	0.25 J	0.041 J	-	ND (0.28)	ND (0.3)	-	ND (0.29)	ND (0.28)	0.16 J	0.054 J	-	ND (0.64)	-	0.28 J	-	0.34
3,3'-Dichlorobenzidine	NA	NA	ND (0.19)	ND (0.21)	ND (0.26)	-	ND (0.19)	ND (0.2)	-	ND (0.2)	ND (0.2)	ND (0.24)	ND (0.21)	-	ND (0.44)	-	ND (0.25)	-	ND (0.23)
3-Nitroaniline	NA	NA	ND (0.19)	ND (0.21)	ND (0.26)	-	ND (0.19)	ND (0.2)	-	ND (0.2)	ND (0.2)	ND (0.24)	ND (0.21)	-	ND (0.44)	-	ND (0.25)	-	ND (0.23)
4,6-Dinitro-2-methylphenol	NA	NA	ND (0.5)	ND (0.54)	ND (0.67)	-	ND (0.5)	ND (0.53)	-	ND (0.53)	ND (0.51)	ND (0.64)	ND (0.56)	-	ND (1.2)	-	ND (0.66)	-	ND (0.6)
4-Bromophenyl phenyl ether (BDE-3)	NA	NA	ND (0.19)	ND (0.21)	ND (0.26)	-	ND (0.19)	ND (0.2)	-	ND (0.2)	ND (0.2)	ND (0.24)	ND (0.21)	-	ND (0.44)	-	ND (0.25)	-	ND (0.23)
4-Chloro-3-methylphenol	NA	NA	ND (0.19)	ND (0.21)	ND (0.26)	-	ND (0.19)	ND (0.2)	-	ND (0.2)	ND (0.2)	ND (0.24)	ND (0.21)	-	ND (0.44)	-	ND (0.25)	-	ND (0.23)
4-Chloroaniline	NA	NA	ND (0.19)	ND (0.21)	ND (0.26)	-	ND (0.19)	ND (0.2)	-	ND (0.2)	ND (0.2)	ND (0.24)	ND (0.21)	-	ND (0.44)	-	ND (0.25)	-	ND (0.23)
4-Chlorophenyl phenyl ether	NA	NA	ND (0.19)	ND (0.21)	ND (0.26)	-	ND (0.19)	ND (0.2)	-	ND (0.2)	ND (0.2)	ND (0.24)	ND (0.21)	-	ND (0.44)	-	ND (0.25)	-	ND (0.23)
4-Nitroaniline	NA	NA	ND (0.19)	ND (0.21)	ND (0.26)	-	ND (0.19)	ND (0.2)	-	ND (0.2)	ND (0.2)	ND (0.24)	ND (0.21)	-	ND (0.44)	-	ND (0.25)	-	ND (0.23)
4-Nitrophenol	NA	NA	ND (0.27)	ND (0.29)	ND (0.36)	-	ND (0.27)	ND (0.29)	-	ND (0.28)	ND (0.27)	ND (0.34)	ND (0.3)	-	ND (0.62)	-	ND (0.36)	-	ND (0.32)
Acenaphthene	98	100	ND (0.16)	0.13 J	ND (0.2)	-	ND (0.15)	0.23	-	ND (0.16)	ND (0.16)	ND (0.2)	ND (0.17)	-	0.05 J	-	ND (0.2)	-	0.46 J
Acenaphthylene	107	100	ND (0.16)	0.064 J	ND (0.2)	-	ND (0.15)	ND (0.16)	-	ND (0.16)	ND (0.16)	ND (0.2)	ND (0.17)	-	ND (0.36)	-	ND (0.2)	-	0.051 J
Acetophenone	NA	NA	ND (0.19)	ND (0.21)	ND (0.26)	-	ND (0.19)	ND (0.2)	-	ND (0.2)	ND (0.2)	ND (0.24)	ND (0.21)	-	ND (0.44)	-	ND (0.25)	-	ND (0.23)
Anthracene	1000	100	ND (0.12)	0.5	ND (0.15)	-	ND (0.12)	0.14	-	ND (0.12)	ND (0.12)	ND (0.15)	ND (0.13)	-	0.15 J	-	ND (0.15)	-	0.26

TABLE 1
SUMMARY OF SOIL QUALITY DATA
556 BALTIC STREET (AKA 169 3RD AVENUE)
BROOKLYN, NEW YORK
FILE NO. 0204090

Location Name / Sample Name / Sample Date / Lab Sample ID / Sample Depth (bgs)	Action Level: Restricted Use Soil Cleanup Objectives - Protection of Groundwater	Action Level: NY Part 375 Restricted Residential Use Soil Cleanup Objectives	EP-01 EP-01_15 10/10/2024 L2459156-04 15 - 15.5 (ft)	EP-02 EP-02_15 10/14/2024 L2459979-01 15 - 15.5 (ft)	EP-03 EP-03_15 10/10/2024 L2459156-03 15 - 15.5 (ft)	EP-03 EP-03-15.5 10/10/2024 L2459156-12 15.5 - 16 (ft)	EP-04 EP-04_15 10/15/2024 L2459979-02 15 - 15.5 (ft)	EP-05 EP-05_15 10/10/2024 L2459156-02 15 - 15.5 (ft)	EP-05 EP-05-15.5 10/10/2024 L2459156-09 15.5 - 16 (ft)	EP-06 EP-06_15 10/16/2024 L2460160-01 15 - 15.5 (ft)	EP-06 DUP-02_20241016 10/16/2024 L2460160-03 15 - 15.5 (ft)	EP-07 EP-07_15 10/10/2024 L2459156-01 15 - 15.5 (ft)	EP-08 EP-08_15 10/15/2024 L2459979-03 15 - 15.5 (ft)	EP-08 EP-08_15.5 10/15/2024 L2459979-15 15.5 - 16 (ft)	EP-09 EP-09_15 10/15/2024 L2459979-04 15 - 15.5 (ft)	EP-09 EP-09_15.5 10/15/2024 L2459979-18 L2469782-01 15.5 - 16 (ft)	EP-10 EP-10_15 10/15/2024 L2459979-05 15 - 15.5 (ft)	EP-10 EP-10_15.5 10/15/2024 L2459979-21 15.5 - 16 (ft)	EP-11 EP-11_15 10/09/2024 L2458745-01 15 - 15.5 (ft)
Benzo(a)anthracene	1	1	0.081 J	1	0.14 J	-	0.073 J	0.26	-	ND (0.12)	ND (0.12)	0.13 J	ND (0.13)	-	1	-	0.064 J	-	0.43 J
Benzo(a)pyrene	22	1	0.076 J	0.89	0.29	-	0.07 J	0.24	-	ND (0.16)	ND (0.16)	0.13 J	ND (0.17)	-	1.3	0.38	0.11 J	-	0.34
Benzo(b)fluoranthene	1.7	1	0.1 J	0.96	0.27	-	0.072 J	0.29	-	ND (0.12)	ND (0.12)	0.15	ND (0.13)	-	1.7	0.48	0.11 J	-	0.41
Benzo(g,h,i)perylene	1000	100	0.047 J	0.42	0.28	-	0.052 J	0.12 J	-	ND (0.16)	ND (0.16)	0.073 J	ND (0.17)	-	0.8	-	0.084 J	-	0.22
Benzo(k)fluoranthene	1.7	3.9	0.035 J	0.38	0.094 J	-	ND (0.12)	0.097 J	-	ND (0.12)	ND (0.12)	0.059 J	ND (0.13)	-	0.56	-	0.041 J	-	0.12 J
Benzoic acid	NA	NA	0.63 R	ND (0.67)	0.83 R	-	0.63 R	0.66 R	-	ND (0.66)	ND (0.63)	0.79 R	ND (0.7)	-	ND (1.4)	-	ND (0.82)	-	0.74 R
Benzyl Alcohol	NA	NA	ND (0.19)	ND (0.21)	ND (0.26)	-	ND (0.19)	ND (0.2)	-	ND (0.2)	ND (0.2)	ND (0.24)	ND (0.21)	-	ND (0.44)	-	ND (0.25)	-	ND (0.23)
Biphenyl	NA	NA	ND (0.44)	ND (0.47)	ND (0.59)	-	ND (0.44)	ND (0.47)	-	ND (0.46)	ND (0.44)	ND (0.56)	ND (0.49)	-	ND (1)	-	ND (0.58)	-	0.094 J
bis(2-Chloroethoxy)methane	NA	NA	ND (0.21)	ND (0.22)	ND (0.28)	-	ND (0.21)	ND (0.22)	-	ND (0.22)	ND (0.21)	ND (0.26)	ND (0.23)	-	ND (0.48)	-	ND (0.27)	-	ND (0.25)
bis(2-Chloroethyl)ether	NA	NA	ND (0.18)	ND (0.19)	ND (0.23)	-	ND (0.17)	ND (0.18)	-	ND (0.18)	ND (0.18)	ND (0.22)	ND (0.19)	-	ND (0.4)	-	ND (0.23)	-	ND (0.21)
bis(2-Ethylhexyl)phthalate	NA	NA	ND (0.19)	ND (0.21)	ND (0.26)	-	ND (0.19)	ND (0.2)	-	ND (0.2)	ND (0.2)	ND (0.24)	ND (0.21)	-	ND (0.44)	-	ND (0.25)	-	ND (0.23)
Butyl benzylphthalate (BBP)	NA	NA	ND (0.19)	ND (0.21)	ND (0.26)	-	ND (0.19)	ND (0.2)	-	ND (0.2)	ND (0.2)	ND (0.24)	ND (0.21)	-	ND (0.44)	-	ND (0.25)	-	ND (0.23)
Carbazole	NA	NA	ND (0.19)	0.11 J	ND (0.26)	-	ND (0.19)	0.056 J	-	ND (0.2)	ND (0.2)	ND (0.24)	ND (0.21)	-	0.07 J	-	ND (0.25)	-	0.12 J
Chrysene	1	3.9	0.084 J	0.9	0.12 J	-	0.067 J	0.25	-	ND (0.12)	ND (0.12)	0.13 J	ND (0.13)	-	0.97	-	0.056 J	-	0.41 J
Dibenz(a,h)anthracene	1000	0.33	ND (0.12)	0.11 J	0.044 J	-	ND (0.12)	0.036 J	-	ND (0.12)	ND (0.12)	ND (0.15)	ND (0.13)	-	0.23 J	-	ND (0.15)	-	0.054 J
Dibenzofuran	210	59	ND (0.19)	0.092 J	ND (0.26)	-	ND (0.19)	0.11 J	-	ND (0.2)	ND (0.2)	ND (0.24)	ND (0.21)	-	0.044 J	-	ND (0.25)	-	0.29
Diethyl phthalate	NA	NA	ND (0.19)	ND (0.21)	ND (0.26)	-	ND (0.19)	ND (0.2)	-	ND (0.2)	ND (0.2)	ND (0.24)	ND (0.21)	-	ND (0.44)	-	ND (0.25)	-	ND (0.23)
Dimethyl phthalate	NA	NA	ND (0.19)	ND (0.21)	ND (0.26)	-	ND (0.19)	ND (0.2)	-	ND (0.2)	ND (0.2)	ND (0.24)	ND (0.21)	-	ND (0.44)	-	ND (0.25)	-	ND (0.23)
Di-n-butylphthalate (DBP)	NA	NA	ND (0.19)	ND (0.21)	ND (0.26)	-	ND (0.19)	0.045 J	-	ND (0.2)	ND (0.2)	ND (0.24)	ND (0.21)	-	ND (0.44)	-	ND (0.25)	-	ND (0.23)
Di-n-octyl phthalate (DnOP)	NA	NA	ND (0.19)	ND (0.21)	ND (0.26)	-	ND (0.19)	ND (0.2)	-	ND (0.2)	ND (0.2)	ND (0.24)	ND (0.21)	-	ND (0.44)	-	ND (0.25)	-	ND (0.23)
Fluoranthene	1000	100	0.17	2	0.18	-	0.092 J	0.66	-	ND (0.12)	ND (0.12)	0.26	ND (0.13)	-	0.97	-	0.063 J	-	1.3 J
Fluorene	386	100	ND (0.19)	0.18 J	ND (0.26)	-	ND (0.19)	0.15 J	-	ND (0.2)	ND (0.2)	ND (0.24)	ND (0.21)	-	0.043 J	-	ND (0.25)	-	0.39 J
Hexachlorobenzene	3.2	1.2	ND (0.12)	ND (0.12)	ND (0.15)	-	ND (0.12)	ND (0.12)	-	ND (0.12)	ND (0.12)	ND (0.15)	ND (0.13)	-	ND (0.27)	-	ND (0.15)	-	ND (0.14)
Hexachlorobutadiene	NA	NA	ND (0.19)	ND (0.21)	ND (0.26)	-	ND (0.19)	ND (0.2)	-	ND (0.2)	ND (0.2)	ND (0.24)	ND (0.21)	-	ND (0.44)	-	ND (0.25)	-	ND (0.23)
Hexachlorocyclopentadiene	NA	NA	ND (0.56)	0.59 R	ND (0.74)	-	0.55 R	ND (0.59)	-	ND (0.58)	ND (0.56)	ND (0.7)	0.61 R	-	1.3 R	-	0.72 R	-	ND (0.66)
Hexachloroethane	NA	NA	ND (0.16)	ND (0.17)	ND (0.2)	-	ND (0.15)	ND (0.16)	-	ND (0.16)	ND (0.16)	ND (0.2)	ND (0.17)	-	ND (0.36)	-	ND (0.2)	-	ND (0.18)
Indeno(1,2,3-cd)pyrene	8.2	0.5	0.047 J	0.44	0.24	-	0.038 J	0.12 J	-	ND (0.16)	ND (0.16)	0.075 J	ND (0.17)	-	0.86	0.18 J	0.082 J	-	0.19
Isophorone	NA	NA	ND (0.18)	ND (0.19)	ND (0.23)	-	ND (0.17)	ND (0.18)	-	ND (0.18)	ND (0.18)	ND (0.22)	ND (0.19)	-	ND (0.4)	-	ND (0.23)	-	ND (0.21)
Naphthalene	12	100	ND (0.19)	0.12 J	ND (0.26)	-	ND (0.19)	0.2	-	ND (0.2)	ND (0.2)	0.11 J	ND (0.21)	-	ND (0.44)	-	ND (0.25)	-	2.1 J
Nitrobenzene	NA	NA	ND (0.18)	ND (0.19)	ND (0.23)	-	ND (0.17)	ND (0.18)	-	ND (0.18)	ND (0.18)	ND (0.22)	ND (0.19)	-	ND (0.4)	-	ND (0.23)	-	ND (0.21)
N-Nitrosodi-n-propylamine	NA	NA	ND (0.19)	ND (0.21)	ND (0.26)	-	ND (0.19)	ND (0.2)	-	ND (0.2)	ND (0.2)	ND (0.24)	ND (0.21)	-	ND (0.44)	-	ND (0.25)	-	ND (0.23)
N-Nitrosodiphenylamine	NA	NA	ND (0.16)	ND (0.17)	ND (0.2)	-	ND (0.15)	ND (0.16)	-	ND (0.16)	ND (0.16)	ND (0.2)	ND (0.17)	-	ND (0.36)	-	ND (0.2)	-	ND (0.18)
Pentachlorophenol	0.8	6.7	ND (0.16)	ND (0.17)	ND (0.2)	-	ND (0.15)	ND (0.16)	-	ND (0.16)	ND (0.16)	ND (0.2)	ND (0.17)	-	ND (0.36)	-	ND (0.2)	-	ND (0.18)
Phenanthrene	1000	100	0.1 J	1.4	0.09 J	-	0.05 J	0.57	-	ND (0.12)	ND (0.12)	0.18	ND (0.13)	-	0.27	-	0.046 J	-	1.4 J
Phenol	0.33	100	ND (0.19)	ND (0.21)	ND (0.26)	-	ND (0.19)	ND (0.2)	-	ND (0.2)	ND (0.2)	0.099 J	ND (0.21)	-	ND (0.44)	-	ND (0.25)	-	ND (0.23)
Pyrene	1000	100	0.15	1.6	0.17	-	0.089 J	0.52	-	ND (0.12)	ND (0.12)	0.2	ND (0.13)	-	0.84	-	0.057 J	-	0.97 J
Inorganic Compounds (mg/kg)																			
Aluminum	NA	NA	8300	4810	3540	-	4630	5930	-	6530	5110	3380	2750	-	3740	-	3620	-	7530
Antimony	NA	NA	ND (4.48)	ND (4.77)	1.16 J	-	ND (4.48)	0.913 J	-	ND (4.8)	ND (4.48)	0.618 J	ND (5.22)	-	ND (5.6)	-	ND (6.06)	-	1.64 J
Arsenic	16	16	4.74	5.77	9.77	-	2.15	9.78	-	1.81	1.78	8.2	11.6	-	***16.1***	***19.2***	15.9	-	12
Barium	820	400	33.8	50.4	122	-	33.9	110	-	41.2	21.9	117	99.6	-	147	-	110	-	161
Beryllium	47	72	0.456	0.323 J	0.297 J	-	0.296 J	0.363 J	-	0.368 J	0.306 J	0.347 J	0.24 J	-	0.384 J	-	0.33 J	-	0.477 J
Cadmium	7.5	4.3	ND (0.896)	ND (0.954)	0.153 J	-	ND (0.896)	0.093 J	-	ND (0.959)	ND (0.896)	ND (1.14)	0.206 J	-	ND (1.12)	-	ND (1.21)	-	0.154 J
Calcium	NA	NA	1700	3290 J	3060	-	1890 J	13800	-	1380	1080	5260	5350 J	-	12600 J	-	6810 J	-	10400
Chromium	NA	NA	13.8	20.7	9.34	-	11.7	17.6	-	13	10.7	7.52	9.09	-	6.64	-	31.3	-	17
Cobalt	NA	NA	6.13	4.14	5.1	-	4.67	5.56	-	4.5	4.02	4.64	2.16	-	5.66	-	5.1	-	7.52
Copper	1720	270	15.2	15.5 J+	50.4	-	16 J+	58	-	15.6	12.5	25.5	16.2 J+	-	18.4 J+	-	1450 J+	197 J+	64.7
Iron	NA	NA	12400	10800	15300	-	9740	12200	-	13600	8800	8650	11800	-	13000	-	14300	-	17800
Lead	450	400	44.9	93.3 J+	***452***	180	48.1 J+	***560***	320	25.6	24.5	126	***24400 J+***	158 J+	437 J+	***809 J+***	196 J+	-	432 J
Magnesium	NA	NA	2130	2010 J	342	-	2200 J	1980	-	1850	1860	360	322 J	-	883 J	-	906 J	-	2750 J
Manganese	2000	2000	126	300	58.2	-	184	281	-	147	79.1	94.6	57.9	-	203	-	111	-	282
Mercury	0.73	0.81	0.319	0.212	***2.06***	0.114 J+	0.213	***2.29***	***3.53***	0.106	0.1	0.419	***1.17***	0.532	0.5	-	***0.898***	0.247	***2.94 J+***
Nickel	130	310	19.6	19.4	12.1	-	23.9	19.3	-	17.3	21.7	12.2	4.67	-	10.3	-	13.8	-	28.2
Potassium	NA	NA	743	646	404	-	712	730	-	682	591	374	253 J	-	423	-	556	-	1000
Selenium	4	180	0.263 J	0.336 J	2.61	-	0.329 J	1.2 J	-	1.79 J	0.592 J	1.23 J	0.422 J	-	1.92 J	-	1.72 J	-	0.802 J
Silver	8.3	180	ND (0.448)	ND (0.477)	ND (0.596)	-	ND (0.448)	0.714	-	ND (0.48)	ND (0.448)	ND (0.571)	1.78	-	0.554 J	-	1.11	-	0.465 J
Sodium	NA	NA	74.4 J	168 J+	426	-	72.2 J+	244	-	83.8 J+	160 J+	289	186 J+	-	369	-	338	-	252
Thallium	NA	NA	ND (1.79)	ND (1.91)	ND (2.38)	-	ND (1.79)	ND (1.86)	-	0.335 J	ND (1.79)	ND (2.28)	ND (2.09)	-	ND (2.24)	-	ND (2.42)	-	0.372 J
Vanadium	NA	NA	20.9	20	23.6	-	16.1	23.6	-	18.4	13.3	18.6	21.8	-	22.9	-	23	-	26.5
Zinc	2480	10000	36.8	38.8	123	-	35.8	132	-	27.7 J	22.3 J	43.8	28.1	-	94.3	-	285	-	195 J

TABLE 1
SUMMARY OF SOIL QUALITY DATA
556 BALTIC STREET (AKA 169 3RD AVENUE)
BROOKLYN, NEW YORK
FILE NO. 0204090

Location Name	Action Level		EP-01	EP-02	EP-03	EP-03	EP-04	EP-05	EP-05	EP-06	EP-06	EP-07	EP-08	EP-08	EP-09	EP-09	EP-10	EP-10	EP-11
Sample Name	Restricted Use Soil Cleanup Objectives - Protection of Groundwater	NY Part 375 Restricted Residential Use Soil Cleanup Objectives	EP-01_15	EP-02_15	EP-03_15	EP-03-15.5	EP-04_15	EP-05_15	EP-05-15.5	EP-06_15	DUP-02_20241016	EP-07_15	EP-08_15	EP-08_15.5	EP-09_15	EP-09_15.5	EP-10_15	EP-10_15.5	EP-11_15
Sample Date			10/10/2024	10/14/2024	10/10/2024	10/10/2024	10/15/2024	10/10/2024	10/10/2024	10/16/2024	10/16/2024	10/10/2024	10/15/2024	10/15/2024	10/15/2024	10/15/2024	10/15/2024	10/15/2024	10/09/2024
Lab Sample ID			L2459156-04	L2459979-01	L2459156-03	L2459156-12	L2459979-02	L2459156-02	L2459156-09	L2460160-01	L2460160-03	L2459156-01	L2459979-03	L2459979-15	L2459979-04	L2459979-18 L2469782-01	L2459979-05	L2459979-21	L2458745-01
Sample Depth (bgs)			15 - 15.5 (ft)	15 - 15.5 (ft)	15 - 15.5 (ft)	15.5 - 16 (ft)	15 - 15.5 (ft)	15 - 15.5 (ft)	15.5 - 16 (ft)	15 - 15.5 (ft)	15 - 15.5 (ft)	15 - 15.5 (ft)	15 - 15.5 (ft)	15.5 - 16 (ft)	15 - 15.5 (ft)	15.5 - 16 (ft)	15 - 15.5 (ft)	15.5 - 16 (ft)	15 - 15.5 (ft)
PCBs (mg/kg)																			
Aroclor-1016 (PCB-1016)	NA	NA	ND (0.057)	ND (0.0598)	ND (0.0743)	-	ND (0.0569)	ND (0.0565)	-	ND (0.0576)	ND (0.056)	ND (0.0704)	ND (0.0659)	-	ND (0.0682)	-	ND (0.0723)	-	ND (0.068)
Aroclor-1221 (PCB-1221)	NA	NA	ND (0.057)	ND (0.0598)	ND (0.0743)	-	ND (0.0569)	ND (0.0565)	-	ND (0.0576)	ND (0.056)	ND (0.0704)	ND (0.0659)	-	ND (0.0682)	-	ND (0.0723)	-	ND (0.068)
Aroclor-1232 (PCB-1232)	NA	NA	ND (0.057)	ND (0.0598)	ND (0.0743)	-	ND (0.0569)	ND (0.0565)	-	ND (0.0576)	ND (0.056)	ND (0.0704)	ND (0.0659)	-	ND (0.0682)	-	ND (0.0723)	-	ND (0.068)
Aroclor-1242 (PCB-1242)	NA	NA	ND (0.057)	ND (0.0598)	ND (0.0743)	-	ND (0.0569)	ND (0.0565)	-	ND (0.0576)	ND (0.056)	ND (0.0704)	ND (0.0659)	-	ND (0.0682)	-	ND (0.0723)	-	ND (0.068)
Aroclor-1248 (PCB-1248)	NA	NA	ND (0.057)	ND (0.0598)	ND (0.0743)	-	ND (0.0569)	ND (0.0565)	-	ND (0.0576)	ND (0.056)	ND (0.0704)	ND (0.0659)	-	ND (0.0682)	-	ND (0.0723)	-	ND (0.068)
Aroclor-1254 (PCB-1254)	NA	NA	ND (0.057)	ND (0.0598)	ND (0.0743)	-	ND (0.0569)	ND (0.0565)	-	ND (0.0576)	ND (0.056)	ND (0.0704)	ND (0.0659)	-	ND (0.0682)	-	ND (0.0723)	-	ND (0.068)
Aroclor-1260 (PCB-1260)	NA	NA	ND (0.057)	ND (0.0598)	ND (0.0743)	-	ND (0.0569)	ND (0.0565)	-	ND (0.0576)	ND (0.056)	ND (0.0704)	ND (0.0659)	-	ND (0.0682)	-	ND (0.0723)	-	ND (0.068)
Aroclor-1262 (PCB-1262)	NA	NA	ND (0.057)	ND (0.0598)	ND (0.0743)	-	ND (0.0569)	ND (0.0565)	-	ND (0.0576)	ND (0.056)	ND (0.0704)	ND (0.0659)	-	ND (0.0682)	-	ND (0.0723)	-	ND (0.068)
Aroclor-1268 (PCB-1268)	NA	NA	ND (0.057)	ND (0.0598)	ND (0.0743)	-	ND (0.0569)	ND (0.0565)	-	ND (0.0576)	ND (0.056)	ND (0.0704)	ND (0.0659)	-	ND (0.0682)	-	ND (0.0723)	-	ND (0.068)
Polychlorinated biphenyls (PCBs)	3.2	1	ND (0.057)	ND (0.0598)	ND (0.0743)	-	ND (0.0569)	ND (0.0565)	-	ND (0.0576)	ND (0.056)	ND (0.0704)	ND (0.0659)	-	ND (0.0682)	-	ND (0.0723)	-	ND (0.068)
Other																			
Total Solids (%)	NA	NA	85.4	79.2	64.3	68 J	86	80.9	70.5 J	81.4	84.9	66.9	75.6	85.6 J	71	60.2 J	65.1	46.8 J	70.4
Pesticides (mg/kg)																			
4,4'-DDD	14	13	ND (0.00187)	ND (0.00191)	ND (0.012)	-	ND (0.00178)	ND (0.00189)	-	ND (0.00193)	ND (0.00186)	ND (0.00228)	ND (0.00203)	-	ND (0.00222)	-	ND (0.0024)	-	ND (0.00224)
4,4'-DDE	17	8.9	ND (0.00187)	ND (0.00191)	ND (0.012)	-	ND (0.00178)	ND (0.00189)	-	ND (0.00193)	ND (0.00186)	ND (0.00228)	ND (0.00203)	-	ND (0.00222)	-	ND (0.0024)	-	0.0022 J
4,4'-DDT	136	7.9	ND (0.00187)	ND (0.00191)	ND (0.012)	-	ND (0.00178)	ND (0.00189)	-	ND (0.00193)	ND (0.00186)	ND (0.00228)	ND (0.00203)	-	ND (0.00222)	-	ND (0.0024)	-	ND (0.00224)
Aldrin	0.19	0.097	ND (0.00187)	ND (0.00191)	ND (0.012)	-	ND (0.00178)	ND (0.00189)	-	ND (0.00193)	ND (0.00186)	ND (0.00228)	ND (0.00203)	-	ND (0.00222)	-	ND (0.0024)	-	ND (0.00224)
alpha-BHC	0.02	0.48	ND (0.000778)	ND (0.000797)	ND (0.00502)	-	ND (0.00074)	ND (0.000789)	-	ND (0.000806)	ND (0.000776)	ND (0.000951)	ND (0.000847)	-	ND (0.000924)	-	ND (0.001)	-	ND (0.000931)
alpha-Chlordane (cis)	2.9	4.2	ND (0.00233)	ND (0.00239)	ND (0.0151)	-	ND (0.00222)	ND (0.00237)	-	ND (0.00242)	ND (0.00233)	ND (0.00285)	ND (0.00254)	-	ND (0.00277)	-	ND (0.003)	-	ND (0.00279)
beta-BHC	0.09	0.36	ND (0.00187)	ND (0.00191)	ND (0.012)	-	ND (0.00178)	ND (0.00189)	-	ND (0.00193)	ND (0.00186)	ND (0.00228)	ND (0.00203)	-	ND (0.00222)	-	ND (0.0024)	-	ND (0.00224)
Chlordane	NA	NA	ND (0.0156)	ND (0.0159)	ND (0.1)	-	ND (0.0148)	ND (0.0158)	-	ND (0.0161)	ND (0.0155)	ND (0.019)	ND (0.0169)	-	ND (0.0185)	-	ND (0.02)	-	ND (0.0186)
delta-BHC	0.25	100	ND (0.00187)	ND (0.00191)	ND (0.012)	-	ND (0.00178)	ND (0.00189)	-	ND (0.00193)	ND (0.00186)	ND (0.00228)	ND (0.00203)	-	ND (0.00222)	-	ND (0.0024)	-	ND (0.00224)
Dieldrin	0.1	0.2	ND (0.00117)	ND (0.0012)	ND (0.00753)	-	ND (0.00111)	ND (0.00118)	-	ND (0.00121)	ND (0.00116)	ND (0.00143)	ND (0.00127)	-	ND (0.00139)	-	ND (0.0015)	-	ND (0.0014)
Endosulfan I	102	24	ND (0.00187)	ND (0.00191)	ND (0.012)	-	ND (0.00178)	ND (0.00189)	-	ND (0.00193)	ND (0.00186)	ND (0.00228)	ND (0.00203)	-	ND (0.00222)	-	ND (0.0024)	-	ND (0.00224)
Endosulfan II	102	24	ND (0.00187)	ND (0.00191)	ND (0.012)	-	ND (0.00178)	ND (0.00189)	-	ND (0.00193)	ND (0.00186)	ND (0.00228)	ND (0.00203)	-	ND (0.00222)	-	ND (0.0024)	-	ND (0.00224)
Endosulfan sulfate	1000	24	ND (0.000778)	ND (0.000797)	ND (0.00502)	-	ND (0.00074)	ND (0.000789)	-	ND (0.000806)	ND (0.000776)	ND (0.000951)	ND (0.000847)	-	ND (0.000924)	-	ND (0.001)	-	ND (0.000931)
Endrin	0.06	11	ND (0.000778)	ND (0.000797)	ND (0.00502)	-	ND (0.00074)	ND (0.000789)	-	ND (0.000806)	ND (0.000776)	ND (0.000951)	ND (0.000847)	-	ND (0.000924)	-	ND (0.001)	-	ND (0.000931)
Endrin aldehyde	NA	NA	ND (0.00233)	ND (0.00239)	ND (0.0151)	-	ND (0.00222)	ND (0.00237)	-	ND (0.00242)	ND (0.00233)	ND (0.00285)	ND (0.00254)	-	ND (0.00277)	-	ND (0.003)	-	ND (0.00279)
Endrin ketone	NA	NA	ND (0.00187)	ND (0.00191)	ND (0.012)	-	ND (0.00178)	ND (0.00189)	-	ND (0.00193)	ND (0.00186)	ND (0.00228)	ND (0.00203)	-	ND (0.00222)	-	ND (0.0024)	-	ND (0.00224)
gamma-BHC (Lindane)	0.1	1.3	ND (0.000778)	ND (0.000797)	ND (0.00502)	-	ND (0.00074)	ND (0.000789)	-	ND (0.000806)	ND (0.000776)	ND (0.000951)	ND (0.000847)	-	ND (0.000924)	-	ND (0.001)	-	ND (0.000931)
gamma-Chlordane (trans)	NA	NA	ND (0.00233)	ND (0.00239)	ND (0.0151)	-	ND (0.00222)	ND (0.00237)	-	ND (0.00242)	ND (0.00233)	ND (0.00285)	ND (0.00254)	-	ND (0.00277)	-	ND (0.003)	-	ND (0.00279)
Heptachlor	0.38	2.1	ND (0.000934)	ND (0.000956)	ND (0.00602)	-	ND (0.000888)	ND (0.000947)	-	ND (0.000967)	ND (0.000932)	ND (0.00114)	ND (0.00102)	-	ND (0.00111)	-	ND (0.0012)	-	ND (0.00112)
Heptachlor epoxide	NA	NA	ND (0.0035)	ND (0.00359)	ND (0.0226)	-	ND (0.00333)	ND (0.00355)	-	ND (0.00362)	ND (0.00349)	ND (0.00428)	ND (0.00381)	-	ND (0.00416)	-	ND (0.0045)	-	ND (0.00419)
Methoxychlor	NA	NA	ND (0.0035)	ND (0.00359)	ND (0.0226)	-	ND (0.00333)	ND (0.00355)	-	ND (0.00362)	ND (0.00349)	ND (0.00428)	ND (0.00381)	-	ND (0.00416)	-	ND (0.0045)	-	ND (0.00419)
Toxaphene	NA	NA	ND (0.035)	ND (0.0359)	ND (0.226)	-	ND (0.0333)	ND (0.0355)	-	ND (0.0362)	ND (0.0349)	ND (0.0428)	ND (0.0381)	-	ND (0.0416)	-	ND (0.045)	-	ND (0.0419)

TABLE 1
SUMMARY OF SOIL QUALITY DATA
556 BALTIC STREET (AKA 169 3RD AVENUE)
BROOKLYN, NEW YORK
FILE NO. 0204090

Location Name	Action Level		EP-01	EP-02	EP-03	EP-03	EP-04	EP-05	EP-05	EP-06	EP-06	EP-07	EP-08	EP-08	EP-09	EP-09	EP-10	EP-10	EP-11
Sample Name	Restricted Use Soil Cleanup Objectives - Protection of Groundwater	NY Part 375 Restricted Residential Use Soil Cleanup Objectives	EP-01_15	EP-02_15	EP-03_15	EP-03-15.5	EP-04_15	EP-05_15	EP-05-15.5	EP-06_15	DUP-02_20241016	EP-07_15	EP-08_15	EP-08_15.5	EP-09_15	EP-09_15.5	EP-10_15	EP-10_15.5	EP-11_15
Sample Date			10/10/2024	10/14/2024	10/10/2024	10/10/2024	10/15/2024	10/10/2024	10/10/2024	10/16/2024	10/16/2024	10/10/2024	10/15/2024	10/15/2024	10/15/2024	10/15/2024	10/15/2024	10/15/2024	10/09/2024
Lab Sample ID			L2459156-04	L2459979-01	L2459156-03	L2459156-12	L2459979-02	L2459156-02	L2459156-09	L2460160-01	L2460160-03	L2459156-01	L2459979-03	L2459979-15	L2459979-04	L2459979-18 L2469782-01	L2459979-05	L2459979-21	L2458745-01
Sample Depth (bgs)			15 - 15.5 (ft)	15 - 15.5 (ft)	15 - 15.5 (ft)	15.5 - 16 (ft)	15 - 15.5 (ft)	15 - 15.5 (ft)	15.5 - 16 (ft)	15 - 15.5 (ft)	15 - 15.5 (ft)	15 - 15.5 (ft)	15 - 15.5 (ft)	15.5 - 16 (ft)	15 - 15.5 (ft)	15.5 - 16 (ft)	15 - 15.5 (ft)	15.5 - 16 (ft)	15 - 15.5 (ft)
PFAS (mg/kg)																			
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NA	NA	ND (0.000799)	ND (0.0008)	ND (0.000798)	-	ND (0.000799) J	ND (0.000803)	-	ND (0.000803)	ND (0.000807)	ND (0.0008)	ND (0.0008)	-	ND (0.000801)	-	ND (0.000798)	-	ND (0.000801)
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	NA	NA	ND (0.005)	ND (0.005) J	ND (0.00499)	-	ND (0.00499) J	ND (0.00502)	-	ND (0.00502)	ND (0.00504)	ND (0.005)	ND (0.005) J	-	ND (0.00501) J	-	ND (0.00499) J	-	ND (0.00501)
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	NA	NA	ND (0.005)	ND (0.005)	ND (0.00499)	-	ND (0.00499) J	ND (0.00502)	-	ND (0.00502)	ND (0.00504)	ND (0.005)	ND (0.005)	-	ND (0.00501)	-	ND (0.00499)	-	ND (0.00501)
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	NA	NA	ND (0.000999)	ND (0.001)	ND (0.000998)	-	ND (0.000999) J	ND (0.001)	-	ND (0.001)	ND (0.00101)	ND (0.001)	ND (0.001)	-	ND (0.001)	-	ND (0.000997)	-	ND (0.001)
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	NA	NA	ND (0.000799)	ND (0.0008) J	ND (0.000798)	-	ND (0.000799) J	ND (0.000803)	-	ND (0.000803)	ND (0.000807)	ND (0.0008)	ND (0.0008) J	-	ND (0.000801) J	-	ND (0.000798) J	-	ND (0.000801)
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	NA	NA	ND (0.000799)	ND (0.0008)	ND (0.000798)	-	ND (0.000799) J	ND (0.000803)	-	ND (0.000803)	ND (0.000807)	ND (0.0008)	ND (0.0008)	-	ND (0.000801)	-	ND (0.000798)	-	ND (0.000801)
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	NA	ND (0.000799)	ND (0.0008)	ND (0.000798)	-	ND (0.000799)	ND (0.000803)	-	ND (0.000803)	ND (0.000807)	ND (0.0008)	ND (0.0008)	-	ND (0.000801)	-	ND (0.000798)	-	ND (0.000801)
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	NA	ND (0.000799)	ND (0.0008)	ND (0.000798)	-	ND (0.000799) J	ND (0.000803)	-	ND (0.000803)	ND (0.000807)	ND (0.0008)	ND (0.0008)	-	ND (0.000801) J	-	ND (0.000798)	-	ND (0.000801)
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	NA	NA	ND (0.000799)	ND (0.0008)	ND (0.000798)	-	ND (0.000799) J	ND (0.000803)	-	ND (0.000803)	ND (0.000807)	ND (0.0008)	ND (0.0008)	-	ND (0.000801)	-	ND (0.000798)	-	ND (0.000801)
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	NA	ND (0.0002)	ND (0.0002)	ND (0.0002)	-	ND (0.0002)	ND (0.000201)	-	ND (0.000201)	ND (0.000202)	0.000217	ND (0.0002)	-	0.000312	-	0.000122 J	-	ND (0.0002)
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	NA	NA	ND (0.0002)	ND (0.0002)	ND (0.0002)	-	ND (0.0002) J	ND (0.000201)	-	ND (0.000201)	ND (0.000202)	ND (0.0002)	ND (0.0002)	-	ND (0.0002)	-	ND (0.000199)	-	ND (0.0002)
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	NA	NA	ND (0.002)	ND (0.002)	ND (0.002)	-	ND (0.002) J	ND (0.00201)	-	ND (0.00201)	ND (0.00202)	ND (0.002)	ND (0.002)	-	ND (0.002)	-	ND (0.00199)	-	ND (0.002)
N-Methyl Perfluorooctanesulfonamidoacetic Acid (MeFOSAA)	NA	NA	ND (0.0002)	ND (0.0002)	ND (0.0002)	-	ND (0.0002)	ND (0.000201)	-	ND (0.000201)	ND (0.000202)	ND (0.0002)	ND (0.0002)	-	ND (0.0002)	-	ND (0.000199)	-	ND (0.0002)
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	NA	NA	ND (0.0002)	ND (0.0002)	ND (0.0002)	-	ND (0.0002) J	ND (0.000201)	-	ND (0.000201)	ND (0.000202)	ND (0.0002)	ND (0.0002)	-	ND (0.0002)	-	ND (0.000199)	-	ND (0.0002)
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	NA	NA	ND (0.002)	ND (0.002)	ND (0.002)	-	ND (0.002) J	ND (0.00201)	-	ND (0.00201)	ND (0.00202)	ND (0.002)	ND (0.002)	-	ND (0.002)	-	ND (0.00199)	-	ND (0.002)
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	NA	ND (0.0004)	ND (0.0004) J	ND (0.000399)	-	ND (0.0004) J	ND (0.000401)	-	ND (0.000401)	ND (0.000403)	ND (0.0004)	ND (0.0004) J	-	ND (0.000401) J	-	ND (0.000399) J	-	ND (0.000401)
Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	NA	NA	ND (0.0004)	ND (0.0004)	ND (0.000399)	-	ND (0.0004) J	ND (0.000401)	-	ND (0.000401)	ND (0.000403)	ND (0.0004)	ND (0.0004)	-	ND (0.000401)	-	ND (0.000399)	-	ND (0.000401)
Perfluoro(4-methoxybutanoic) acid (PFMBA)	NA	NA	ND (0.0004)	ND (0.0004)	ND (0.000399)	-	ND (0.0004) J	ND (0.000401)	-	ND (0.000401)	ND (0.000403)	ND (0.0004)	ND (0.0004)	-	ND (0.000401)	-	ND (0.000399)	-	ND (0.000401)
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	NA	NA	ND (0.000799)	ND (0.0008)	ND (0.000798)	-	ND (0.000799) J	ND (0.000803)	-	ND (0.000803)	ND (0.000807)	ND (0.0008)	ND (0.0008)	-	ND (0.000801)	-	ND (0.000798)	-	ND (0.000801)
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	NA	ND (0.0004)	ND (0.0004)	ND (0.000399)	-	ND (0.0004) J	ND (0.000401)	-	ND (0.000401)	ND (0.000403)	ND (0.0004)	ND (0.0004)	-	ND (0.000401)	-	ND (0.000399)	-	ND (0.000401)
Perfluorobutanesulfonic acid (PFBS)	NA	NA	ND (0.0002)	ND (0.0002)	ND (0.0002)	-	ND (0.0002) J	ND (0.000201)	-	ND (0.000201)	ND (0.000202)	ND (0.0002)	ND (0.0002)	-	ND (0.0002)	-	ND (0.000199)	-	ND (0.0002)
Perfluorobutanoic acid (PFBA)	NA	NA	ND (0.000799)	ND (0.0008)	ND (0.000798)	-	ND (0.000799) J	ND (0.000803)	-	ND (0.000803)	ND (0.000807)	ND (0.0008)	ND (0.0008)	-	ND (0.000801)	-	ND (0.000798)	-	ND (0.000801)
Perfluorodecanesulfonic acid (PFDS)	NA	NA	ND (0.0002)	ND (0.0002)	ND (0.0002)	-	ND (0.0002)	ND (0.000201)	-	ND (0.000201)	ND (0.000202)	ND (0.0002)	ND (0.0002)	-	ND (0.0002)	-	ND (0.000199)	-	ND (0.0002)
Perfluorodecanoic acid (PFDA)	NA	NA	ND (0.0002)	ND (0.0002)	ND (0.0002)	-	ND (0.0002)	ND (0.000201)	-	ND (0.000201)	ND (0.000202)	ND (0.0002)	ND (0.0002)	-	ND (0.0002)	-	ND (0.000199)	-	ND (0.0002)
Perfluorododecane sulfonic acid (PFDoDS)	NA	NA	ND (0.0002)	ND (0.0002)	ND (0.0002)	-	ND (0.0002)	ND (0.000201)	-	ND (0.000201)	ND (0.000202)	ND (0.0002)	ND (0.0002)	-	ND (0.0002)	-	ND (0.000199)	-	ND (0.0002)
Perfluorododecanoic acid (PFDoDA)	NA	NA	ND (0.0002)	ND (0.0002)	ND (0.0002)	-	ND (0.0002) J	ND (0.000201)	-	ND (0.000201)	ND (0.000202)	ND (0.0002)	ND (0.0002)	-	ND (0.0002)	-	ND (0.000199)	-	ND (0.0002)
Perfluoroheptanesulfonic acid (PFHpS)	NA	NA	ND (0.0002)	ND (0.0002)	ND (0.0002)	-	ND (0.0002) J	ND (0.000201)	-	ND (0.000201)	ND (0.000202)	ND (0.0002)	ND (0.0002)	-	ND (0.0002)	-	ND (0.000199)	-	ND (0.0002)
Perfluoroheptanoic acid (PFHpA)	NA	NA	ND (0.0002)	ND (0.0002)	ND (0.0002)	-	ND (0.0002)	ND (0.000201)	-	ND (0.000201)	ND (0.000202)	ND (0.0002)	ND (0.0002)	-	ND (0.0002)	-	ND (0.000199)	-	ND (0.0002)
Perfluorohexanesulfonic acid (PFHxS)	NA	NA	ND (0.0002)	ND (0.0002)	ND (0.0002)	-	ND (0.0002)	ND (0.000201)	-	ND (0.000201)	ND (0.000202)	0.000029 J	ND (0.0002)	-	0.000066 J	-	ND (0.000199)	-	ND (0.0002)
Perfluorohexanoic acid (PFHxA)	NA	NA	ND (0.0002)	ND (0.0002)	ND (0.0002)	-	ND (0.0002) J	ND (0.000201)	-	ND (0.000201)	ND (0.000202)	ND (0.0002)	ND (0.0002)	-	ND (0.0002)	-	ND (0.000199)	-	ND (0.0002)
Perfluorononane sulfonic acid (PFNS)	NA	NA	ND (0.0002)	ND (0.0002)	ND (0.0002)	-	ND (0.0002) J	ND (0.000201)	-	ND (0.000201)	ND (0.000202)	ND (0.0002)	ND (0.0002)	-	ND (0.0002)	-	ND (0.000199)	-	ND (0.0002)
Perfluorononanoic acid (PFNA)	NA	NA	ND (0.0002)	ND (0.0002)	ND (0.0002)	-	ND (0.0002) J	ND (0.000201)	-	ND (0.000201)	ND (0.000202)	ND (0.0002)	ND (0.0002)	-	ND (0.0002)	-	ND (0.000199)	-	ND (0.0002)
Perfluorooctane sulfonamide (PFOSA)	NA	NA	ND (0.0002)	ND (0.0002)	0.000036 J	-	ND (0.0002) J	ND (0.000201)	-	ND (0.000201)	ND (0.000202)	0.000066 J	ND (0.0002)	-	0.000084 J	-	0.000052 J	-	ND (0.0002)
Perfluorooctanesulfonic acid (PFOS)	0.001	0.044	0.000059 J	0.000103 J	0.000386	-	0.00021	0.000265	-	0.000094 J	0.00009 J	0.000312	0.000256	-	***0.00114***	0.000696 J	0.000507	-	0.000249
Perfluorooctanoic acid (PFOA)	0.0008	0.033	0.000277	0.000045 J	0.000037 J	-	0.000032 J	0.000051 J	-	0.000078 J	0.000088 J	0.000043 J	0.00004 J	-	0.000183 J	-	0.000064 J	-	0.000045 J
Perfluoropentanesulfonic acid (PFPeS)	NA	NA	ND (0.0002)	ND (0.0002)	ND (0.0002)	-	ND (0.0002)	ND (0.000201)	-	ND (0.000201)	ND (0.000202)	ND (0.0002)	ND (0.0002)	-	ND (0.0002)	-	ND (0.000199)	-	ND (0.0002)
Perfluoropentanoic acid (PFPeA)	NA	NA	ND (0.0004)	ND (0.0004)	ND (0.000399)	-	ND (0.0004) J	ND (0.000401)	-	ND (0.000401)	ND (0.000403)	ND (0.0004)	ND (0.0004)	-	ND (0.000401)	-	ND (0.000399)	-	ND (0.000401)
Perfluorotetradecanoic acid (PFTeDA)	NA	NA	ND (0.0002)	ND (0.0002)	ND (0.0002)	-	ND (0.0002) J	ND (0.000201)	-	ND (0.000201)	ND (0.000202)	ND (0.0002)	ND (0.0002)	-	ND (0.0002)	-	ND (0.000199)	-	ND (0.0002)
Perfluorotridecanoic acid (PFTrDA)	NA	NA	ND (0.0002)	ND (0.0002)	ND (0.0002)	-	ND (0.0002)	ND (0.000201)	-	ND (0.000201)	ND (0.000202)	ND (0.0002)	ND (0.0002)	-	ND (0.0002)	-	ND (0.000199)	-	ND (0.0002)
Perfluoroundecanoic acid (PFUnDA)	NA	NA	ND (0.0002)	ND (0.0002)	0.00003 J	-	ND (0.0002) J	ND (0.000201)	-	ND (0.000201)	ND (0.000202)	ND (0.0002)	ND (0.0002)	-	ND (0.0002)	-	ND (0.000199)	-	ND (0.0002)

ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

-: Not Analyzed
bgs: below ground surface
ft: feet
J: Value is estimated
J+: Value is estimated, high bias
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit
R: Rejected

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

TABLE 1
SUMMARY OF SOIL QUALITY DATA
556 BALTIC STREET (AKA 169 3RD AVENUE)
BROOKLYN, NEW YORK
FILE NO. 0204090

Location Name	Action Level		EP-11	EP-12	EP-12	EP-12	EP-12	EP-12	EP-13	EP-13	EP-13	EP-14	EP-14	EP-14	HA-25	HA-25	HA-25-SW_01	HA-25-SW_01	HA-25-SW_02
Sample Name	Restricted Use Soil Cleanup Objectives - Protection of Groundwater	NY Part 375 Restricted Residential Use Soil Cleanup Objectives	EP-11_15.5	EP-12_18	EP-12_18.5	EP-12_19.5	EP-12_20	EP-12_19	EP-13_18	EP-13_18.5	EP-13_19	EP-14_18	EP-14_18.5	EP-14_19	HA-25-BASE_A	HA-25_BASE	HA-25-SW_01A	HA-25-SW_01	HA-25-SW_02A
Sample Date			10/09/2024	10/09/2024	10/09/2024	10/30/2024	10/30/2024	10/30/2024	10/09/2024	10/09/2024	10/30/2024	10/09/2024	10/09/2024	11/06/2024	10/30/2024	10/30/2024	10/30/2024	10/30/2024	10/30/2024
Lab Sample ID			L2458745-09	L2458745-02	L2458745-12	L2463362-02	L2463362-03	L2463362-01	L2458745-03	L2458745-15	L2463362-04	L2458745-04	L2458745-18	L2464953-01	L2463362-13	L2463362-08	L2463362-14	L2463362-09	L2463362-15
Sample Depth (bgs)			15.5 - 16 (ft)	18 - 18.5 (ft)	18.5 - 19 (ft)	-	-	19 - 19.5 (ft)	18 - 18.5 (ft)	18.5 - 19 (ft)	19 - 19.5 (ft)	18 - 18.5 (ft)	18.5 - 19 (ft)	-	-	16 - 16.5 (ft)	-	15 - 15.5 (ft)	-
Volatile Organic Compounds (mg/kg)																			
1,1,1,2-Tetrachloroethane	NA	NA	-	ND (0.038)	-	-	-	ND (0.034)	ND (0.034)	-	-	ND (0.036)	-	-	-	-	-	-	-
1,1,1-Trichloroethane	0.68	100	-	ND (0.038)	-	-	-	ND (0.034)	ND (0.034)	-	-	ND (0.036)	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	NA	NA	-	ND (0.038)	-	-	-	ND (0.034)	ND (0.034)	-	-	ND (0.036)	-	-	-	-	-	-	-
1,1,2-Trichloroethane	NA	NA	-	ND (0.077)	-	-	-	ND (0.069)	ND (0.068)	-	-	ND (0.072)	-	-	-	-	-	-	-
1,1-Dichloroethane	0.27	26	-	ND (0.077)	-	-	-	ND (0.069)	ND (0.068)	-	-	ND (0.072)	-	-	-	-	-	-	-
1,1-Dichloroethene	0.33	100	-	ND (0.077)	-	-	-	ND (0.069)	ND (0.068)	-	-	ND (0.072)	-	-	-	-	-	-	-
1,1-Dichloropropene	NA	NA	-	ND (0.038)	-	-	-	ND (0.034)	ND (0.034)	-	-	ND (0.036)	-	-	-	-	-	-	-
1,2,3-Trichlorobenzene	NA	NA	-	ND (0.15)	-	-	-	ND (0.14)	ND (0.14)	-	-	ND (0.14)	-	-	-	-	-	-	-
1,2,3-Trichloropropane	NA	NA	-	ND (0.15)	-	-	-	ND (0.14)	ND (0.14)	-	-	ND (0.14)	-	-	-	-	-	-	-
1,2,4,5-Tetramethylbenzene	NA	NA	-	7.3 J	-	-	-	8.7	2.8	-	-	5.4	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	NA	NA	-	ND (0.15)	-	-	-	ND (0.14)	ND (0.14)	-	-	ND (0.14)	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	3.6	52	-	***4.3 J***	1.2 J+	-	-	0.31	1.2	-	-	0.77	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	NA	NA	-	ND (0.23)	-	-	-	ND (0.21)	ND (0.2)	-	-	ND (0.22)	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene Dibromide)	NA	NA	-	ND (0.077)	-	-	-	ND (0.069)	ND (0.068)	-	-	ND (0.072)	-	-	-	-	-	-	-
1,2-Dichlorobenzene	1.1	100	-	ND (0.15)	-	-	-	ND (0.14)	ND (0.14)	-	-	ND (0.14)	-	-	-	-	-	-	-
1,2-Dichloroethane	0.02	3.1	-	ND (0.077)	-	-	-	ND (0.069)	ND (0.068)	-	-	ND (0.072)	-	-	-	-	-	-	-
1,2-Dichloroethene (total)	NA	NA	-	ND (0.077)	-	-	-	ND (0.069)	ND (0.068)	-	-	ND (0.072)	-	-	-	-	-	-	-
1,2-Dichloropropane	NA	NA	-	ND (0.077)	-	-	-	ND (0.069)	ND (0.068)	-	-	ND (0.072)	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	8.4	52	-	1.5 J	-	-	-	0.2	0.46	-	-	0.52	-	-	-	-	-	-	-
1,3-Dichlorobenzene	2.4	49	-	ND (0.15)	-	-	-	ND (0.14)	ND (0.14)	-	-	ND (0.14)	-	-	-	-	-	-	-
1,3-Dichloropropane	NA	NA	-	ND (0.15)	-	-	-	ND (0.14)	ND (0.14)	-	-	ND (0.14)	-	-	-	-	-	-	-
1,3-Dichloropropene	NA	NA	-	ND (0.038)	-	-	-	ND (0.034)	ND (0.034)	-	-	ND (0.036)	-	-	-	-	-	-	-
1,4-Dichlorobenzene	1.8	13	-	ND (0.15)	-	-	-	ND (0.14)	ND (0.14)	-	-	ND (0.14)	-	-	-	-	-	-	-
1,4-Diethylbenzene	NA	NA	-	3.3 J	-	-	-	3.4	1.9	-	-	2.2	-	-	-	-	-	-	-
1,4-Dioxane	0.1	13	-	ND (6.2)	-	-	-	ND (5.5)	ND (5.4)	-	-	ND (5.8)	-	-	-	-	-	-	-
2,2-Dichloropropane	NA	NA	-	ND (0.15)	-	-	-	ND (0.14)	ND (0.14)	-	-	ND (0.14)	-	-	-	-	-	-	-
2-Butanone (Methyl Ethyl Ketone)	0.12	100	-	ND (0.77)	-	-	-	ND (0.69)	ND (0.68)	-	-	ND (0.72)	-	-	-	-	-	-	-
2-Chlorotoluene	NA	NA	-	ND (0.15)	-	-	-	ND (0.14)	ND (0.14)	-	-	ND (0.14)	-	-	-	-	-	-	-
2-Hexanone (Methyl Butyl Ketone)	NA	NA	-	ND (0.77)	-	-	-	ND (0.69)	ND (0.68)	-	-	ND (0.72)	-	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	11	100	-	1.5 J	-	-	-	2.5	0.61	-	-	1.3	-	-	-	-	-	-	-
4-Chlorotoluene	NA	NA	-	ND (0.15)	-	-	-	ND (0.14)	ND (0.14)	-	-	ND (0.14)	-	-	-	-	-	-	-
4-Ethyltoluene (1-Ethyl-4-Methylbenzene)	NA	NA	-	3.1 J	-	-	-	0.21	0.78	-	-	0.52	-	-	-	-	-	-	-
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	NA	-	ND (0.77)	-	-	-	ND (0.69)	ND (0.68)	-	-	ND (0.72)	-	-	-	-	-	-	-
Acetone	0.05	100	-	ND (0.77)	-	-	-	ND (0.69)	ND (0.68)	-	-	ND (0.72)	-	-	-	-	-	-	-
Acrylonitrile	NA	NA	-	ND (0.31)	-	-	-	ND (0.28)	ND (0.27)	-	-	ND (0.29)	-	-	-	-	-	-	-
Benzene	0.06	4.8	0.00055 J	***0.3***	***0.14***	***0.65***	***1.7***	***0.25***	***0.23***	***0.96***	ND (0.00055)	***0.65***	0.0097	-	-	-	-	-	-
Bromobenzene	NA	NA	-	ND (0.15)	-	-	-	ND (0.14)	ND (0.14)	-	-	ND (0.14)	-	-	-	-	-	-	-
Bromodichloromethane	NA	NA	-	ND (0.038)	-	-	-	ND (0.034)	ND (0.034)	-	-	ND (0.036)	-	-	-	-	-	-	-
Bromoform	NA	NA	-	ND (0.31)	-	-	-	ND (0.28)	ND (0.27)	-	-	ND (0.29)	-	-	-	-	-	-	-
Bromomethane (Methyl Bromide)	NA	NA	-	ND (0.15)	-	-	-	ND (0.14)	ND (0.14)	-	-	ND (0.14)	-	-	-	-	-	-	-
Carbon disulfide	NA	NA	-	ND (0.77)	-	-	-	ND (0.69)	ND (0.68)	-	-	ND (0.72)	-	-	-	-	-	-	-
Carbon tetrachloride	0.76	2.4	-	ND (0.077)	-	-	-	ND (0.069)	ND (0.068)	-	-	ND (0.072)	-	-	-	-	-	-	-
Chlorobenzene	1.1	100	-	ND (0.038)	-	-	-	ND (0.034)	ND (0.034)	-	-	ND (0.036)	-	-	-	-	-	-	-
Chlorobromomethane	NA	NA	-	ND (0.15)	-	-	-	ND (0.14)	ND (0.14)	-	-	ND (0.14)	-	-	-	-	-	-	-
Chloroethane	NA	NA	-	ND (0.15)	-	-	-	ND (0.14)	ND (0.14)	-	-	ND (0.14)	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	0.37	49	-	ND (0.12)	-	-	-	ND (0.1)	ND (0.1)	-	-	ND (0.11)	-	-	-	-	-	-	-
Chloromethane (Methyl Chloride)	NA	NA	-	ND (0.31)	-	-	-	ND (0.28)	ND (0.27)	-	-	ND (0.29)	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	0.25	100	-	ND (0.077)	-	-	-	ND (0.069)	ND (0.068)	-	-	ND (0.072)	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	NA	NA	-	ND (0.038)	-	-	-	ND (0.034)	ND (0.034)	-	-	ND (0.036)	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	NA	NA	-	0.34 J	-	-	-	0.85	0.24	-	-	0.2	-	-	-	-	-	-	-
Dibromochloromethane	NA	NA	-	ND (0.077)	-	-	-	ND (0.069)	ND (0.068)	-	-	ND (0.072)	-	-	-	-	-	-	-
Dibromomethane	NA	NA	-	ND (0.15)	-	-	-	ND (0.14)	ND (0.14)	-	-	ND (0.14)	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	NA	NA	-	ND (0.77)	-	-	-	ND (0.69)	ND (0.68)	-	-	ND (0.72)	-	-	-	-	-	-	-
Ethyl Ether	NA	NA	-	ND (0.15) J	-	-	-	ND (0.14)	ND (0.14) J	-	-	ND (0.14) J	-	-	-	-	-	-	-
Ethylbenzene	1	41	-	***1.1***	***1.8 J+***	-	-	0.19	0.48	-	-	0.59	-	-	-	-	-	-	-
Hexachlorobutadiene	NA	NA	-	ND (0.31) J	-	-	-	ND (0.28)	ND (0.27)	-	-	ND (0.29)	-	-	-	-	-	-	-
Isopropylbenzene (Cumene)	NA	NA	-	1.5	-	-	-	2.8	0.64	-	-	1.3	-	-	-	-	-	-	-
m,p-Xylenes	NA	NA	-	2.1	1.7 J+	-	-	0.31	0.69	-	-	0.85	-	-	-	-	-	-	-
Methyl Tert Butyl Ether (MTBE)	0.93	100	-	ND (0.15)	-	-	-	0.02 J	ND (0.14)	-	-	ND (0.14)	-	-	-	-	-	-	-
Methylene chloride (Dichloromethane)	0.05	100	-	ND (0.38)	-	-	-	ND (0.34)	ND (0.34)	-	-	ND (0.36)	-	-	-	-	-	-	-

TABLE 1
SUMMARY OF SOIL QUALITY DATA
556 BALTIC STREET (AKA 169 3RD AVENUE)
BROOKLYN, NEW YORK
FILE NO. 0204090

Location Name	Action Level		EP-11	EP-12	EP-12	EP-12	EP-12	EP-12	EP-13	EP-13	EP-13	EP-14	EP-14	EP-14	HA-25	HA-25	HA-25-SW_01	HA-25-SW_01	HA-25-SW_02
Sample Name	Restricted Use Soil Cleanup Objectives - Protection of Groundwater	NY Part 375 Restricted Residential Use Soil Cleanup Objectives	EP-11_15.5	EP-12_18	EP-12_18.5	EP-12_19.5	EP-12_20	EP-12_19	EP-13_18	EP-13_18.5	EP-13_19	EP-14_18	EP-14_18.5	EP-14_19	HA-25-BASE_A	HA-25_BASE	HA-25-SW_01A	HA-25-SW_01	HA-25-SW_02A
Sample Date			10/09/2024	10/09/2024	10/09/2024	10/30/2024	10/30/2024	10/30/2024	10/09/2024	10/09/2024	10/30/2024	10/09/2024	10/09/2024	11/06/2024	10/30/2024	10/30/2024	10/30/2024	10/30/2024	10/30/2024
Lab Sample ID			L2458745-09	L2458745-02	L2458745-12	L2463362-02	L2463362-03	L2463362-01	L2458745-03	L2458745-15	L2463362-04	L2458745-04	L2458745-18	L2464953-01	L2463362-13	L2463362-08	L2463362-14	L2463362-09	L2463362-15
Sample Depth (bgs)			15.5 - 16 (ft)	18 - 18.5 (ft)	18.5 - 19 (ft)	-	-	19 - 19.5 (ft)	18 - 18.5 (ft)	18.5 - 19 (ft)	19 - 19.5 (ft)	18 - 18.5 (ft)	18.5 - 19 (ft)	-	-	16 - 16.5 (ft)	-	15 - 15.5 (ft)	-
Naphthalene	12	100	-	4.2	-	-	-	1.3	4.6	-	-	2.3	-	-	-	-	-	-	-
n-Butylbenzene	12	100	-	3 J	-	-	-	4.8	1.3	-	-	2.4	-	-	-	-	-	-	-
n-Propylbenzene	3.9	100	0.019	***6.1 J***	***25 J+***	***5.8***	***11***	***9***	2.4	-	-	***4***	-	1.4	-	-	-	-	-
o-Xylene	NA	NA	-	0.34	0.24 J+	-	-	0.082	0.14	-	-	0.2	-	-	-	-	-	-	-
Styrene	NA	NA	-	0.019 J	-	-	-	ND (0.069)	ND (0.068)	-	-	ND (0.072)	-	-	-	-	-	-	-
tert-Butylbenzene	5.9	100	-	0.049 J	-	-	-	0.059 J	0.019 J	-	-	0.04 J	-	-	-	-	-	-	-
Tetrachloroethene	1.3	19	-	ND (0.038)	-	-	-	ND (0.034)	ND (0.034)	-	-	ND (0.036)	-	-	-	-	-	-	-
Toluene	0.7	100	-	0.3	-	-	-	0.077	0.13	-	-	0.23	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	0.19	100	-	ND (0.12)	-	-	-	ND (0.1)	ND (0.1)	-	-	ND (0.11)	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	NA	NA	-	ND (0.077)	-	-	-	ND (0.069)	ND (0.068)	-	-	ND (0.072)	-	-	-	-	-	-	-
trans-1,4-Dichloro-2-butene	NA	NA	-	ND (0.38) J	-	-	-	ND (0.34)	ND (0.34)	-	-	ND (0.36)	-	-	-	-	-	-	-
Trichloroethene	0.47	21	-	ND (0.038)	-	-	-	ND (0.034)	ND (0.034)	-	-	ND (0.036)	-	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	NA	NA	-	ND (0.31)	-	-	-	ND (0.28)	ND (0.27)	-	-	ND (0.29)	-	-	-	-	-	-	-
Vinyl acetate	NA	NA	-	ND (0.77) J	-	-	-	ND (0.69)	ND (0.68)	-	-	ND (0.72)	-	-	-	-	-	-	-
Vinyl chloride	0.02	0.9	-	ND (0.077)	-	-	-	ND (0.069)	ND (0.068)	-	-	ND (0.072)	-	-	-	-	-	-	-
Xylene (Total)	1.6	100	-	***2.4***	***1.9***	-	-	0.39	0.83	-	-	1.1	-	-	-	-	-	-	-
Semi-Volatile Organic Compounds (mg/kg)																			
1,2,4,5-Tetrachlorobenzene	NA	NA	-	ND (0.21)	-	-	-	-	ND (0.22)	-	-	ND (0.2)	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	NA	NA	-	ND (0.21)	-	-	-	-	ND (0.22)	-	-	ND (0.2)	-	-	-	-	-	-	-
1,2-Dichlorobenzene	1.1	100	-	ND (0.21)	-	-	-	-	ND (0.22)	-	-	ND (0.2)	-	-	-	-	-	-	-
1,3-Dichlorobenzene	2.4	49	-	ND (0.21)	-	-	-	-	ND (0.22)	-	-	ND (0.2)	-	-	-	-	-	-	-
1,4-Dichlorobenzene	1.8	13	-	ND (0.21)	-	-	-	-	ND (0.22)	-	-	ND (0.2)	-	-	-	-	-	-	-
1,4-Dioxane	0.1	13	-	ND (0.031)	-	-	-	-	ND (0.033)	-	-	ND (0.031)	-	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	NA	NA	-	ND (0.25)	-	-	-	-	ND (0.27)	-	-	ND (0.25)	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	NA	NA	-	ND (0.21)	-	-	-	-	ND (0.22)	-	-	ND (0.2)	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	NA	NA	-	ND (0.12)	-	-	-	-	ND (0.13)	-	-	ND (0.12)	-	-	-	-	-	-	-
2,4-Dichlorophenol	NA	NA	-	ND (0.18)	-	-	-	-	ND (0.2)	-	-	ND (0.18)	-	-	-	-	-	-	-
2,4-Dimethylphenol	NA	NA	-	ND (0.21)	-	-	-	-	ND (0.22)	-	-	ND (0.2)	-	-	-	-	-	-	-
2,4-Dinitrophenol	NA	NA	-	0.99 R	-	-	-	-	ND (1.1)	-	-	ND (0.99)	-	-	-	-	-	-	-
2,4-Dinitrotoluene	NA	NA	-	ND (0.21)	-	-	-	-	ND (0.22)	-	-	ND (0.2)	-	-	-	-	-	-	-
2,6-Dinitrotoluene	NA	NA	-	ND (0.21)	-	-	-	-	ND (0.22)	-	-	ND (0.2)	-	-	-	-	-	-	-
2-Chloronaphthalene	NA	NA	-	ND (0.21)	-	-	-	-	ND (0.22)	-	-	ND (0.2)	-	-	-	-	-	-	-
2-Chlorophenol	NA	NA	-	ND (0.21)	-	-	-	-	ND (0.22)	-	-	ND (0.2)	-	-	-	-	-	-	-
2-Methylnaphthalene	NA	NA	-	0.5	-	-	-	-	0.88	-	-	0.27	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	0.33	100	-	ND (0.21)	-	-	-	-	ND (0.22)	-	-	ND (0.2)	-	-	-	-	-	-	-
2-Nitroaniline	NA	NA	-	ND (0.21)	-	-	-	-	ND (0.22)	-	-	ND (0.2)	-	-	-	-	-	-	-
2-Nitrophenol	NA	NA	-	ND (0.45)	-	-	-	-	ND (0.48)	-	-	ND (0.44)	-	-	-	-	-	-	-
3&4-Methylphenol	NA	NA	-	ND (0.3)	-	-	-	-	0.11 J	-	-	0.076 J	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	NA	NA	-	ND (0.21)	-	-	-	-	ND (0.22)	-	-	ND (0.2)	-	-	-	-	-	-	-
3-Nitroaniline	NA	NA	-	ND (0.21)	-	-	-	-	ND (0.22)	-	-	ND (0.2)	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	NA	NA	-	0.54 R	-	-	-	-	ND (0.58)	-	-	ND (0.53)	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether (BDE-3)	NA	NA	-	ND (0.21)	-	-	-	-	ND (0.22)	-	-	ND (0.2)	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	NA	NA	-	ND (0.21)	-	-	-	-	ND (0.22)	-	-	ND (0.2)	-	-	-	-	-	-	-
4-Chloroaniline	NA	NA	-	ND (0.21)	-	-	-	-	ND (0.22)	-	-	ND (0.2)	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	NA	NA	-	ND (0.21)	-	-	-	-	ND (0.22)	-	-	ND (0.2)	-	-	-	-	-	-	-
4-Nitroaniline	NA	NA	-	ND (0.21)	-	-	-	-	ND (0.22)	-	-	ND (0.2)	-	-	-	-	-	-	-
4-Nitrophenol	NA	NA	-	ND (0.29)	-	-	-	-	ND (0.31)	-	-	ND (0.29)	-	-	-	-	-	-	-
Acenaphthene	98	100	-	0.39	-	-	-	-	2.1	-	-	0.46	-	-	-	-	-	-	-
Acenaphthylene	107	100	-	0.045 J	-	-	-	-	0.085 J	-	-	ND (0.16)	-	-	-	-	-	-	-
Acetophenone	NA	NA	-	ND (0.21)	-	-	-	-	ND (0.22)	-	-	ND (0.2)	-	-	-	-	-	-	-
Anthracene	1000	100	-	0.21 J	-	-	-	-	0.55	-	-	0.15	-	-	-	-	-	-	-

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BROOKLYN, NEW YORK
FILE NO. 0204090

Location Name	Action Level		EP-11	EP-12	EP-12	EP-12	EP-12	EP-12	EP-13	EP-13	EP-13	EP-14	EP-14	EP-14	HA-25	HA-25	HA-25-SW_01	HA-25-SW_01	HA-25-SW_02
Sample Name	Restricted Use Soil Cleanup Objectives - Protection of Groundwater	NY Part 375 Restricted Residential Use Soil Cleanup Objectives	EP-11_15.5	EP-12_18	EP-12_18.5	EP-12_19.5	EP-12_20	EP-12_19	EP-13_18	EP-13_18.5	EP-13_19	EP-14_18	EP-14_18.5	EP-14_19	HA-25-BASE_A	HA-25_BASE	HA-25-SW_01A	HA-25-SW_01	HA-25-SW_02A
Sample Date			10/09/2024	10/09/2024	10/09/2024	10/30/2024	10/30/2024	10/30/2024	10/09/2024	10/09/2024	10/30/2024	10/09/2024	10/09/2024	11/06/2024	10/30/2024	10/30/2024	10/30/2024	10/30/2024	10/30/2024
Lab Sample ID			L2458745-09	L2458745-02	L2458745-12	L2463362-02	L2463362-03	L2463362-01	L2458745-03	L2458745-15	L2463362-04	L2458745-04	L2458745-18	L2464953-01	L2463362-13	L2463362-08	L2463362-14	L2463362-09	L2463362-15
Sample Depth (bgs)			15.5 - 16 (ft)	18 - 18.5 (ft)	18.5 - 19 (ft)	-	-	19 - 19.5 (ft)	18 - 18.5 (ft)	18.5 - 19 (ft)	19 - 19.5 (ft)	18 - 18.5 (ft)	18.5 - 19 (ft)	-	-	16 - 16.5 (ft)	-	15 - 15.5 (ft)	-
Benzo(a)anthracene	1	1	-	0.3 J	-	-	-	-	***1.3***	0.29	-	0.33	-	-	-	-	-	-	-
Benzo(a)pyrene	22	1	-	0.25 J	-	-	-	-	0.64	-	-	0.22	-	-	-	-	-	-	-
Benzo(b)fluoranthene	1.7	1	-	0.3 J	-	-	-	-	0.97	-	-	0.28	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	1000	100	-	0.18 J	-	-	-	-	0.3	-	-	0.14 J	-	-	-	-	-	-	-
Benzo(k)fluoranthene	1.7	3.9	-	0.087 J	-	-	-	-	0.28	-	-	0.1 J	-	-	-	-	-	-	-
Benzoic acid	NA	NA	-	0.67 R	-	-	-	-	0.72 R	-	-	0.67 R	-	-	-	-	-	-	-
Benzyl Alcohol	NA	NA	-	ND (0.21)	-	-	-	-	ND (0.22)	-	-	ND (0.2)	-	-	-	-	-	-	-
Biphenyl	NA	NA	-	0.054 J	-	-	-	-	0.26 J	-	-	0.043 J	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	NA	NA	-	ND (0.22)	-	-	-	-	ND (0.24)	-	-	ND (0.22)	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	NA	NA	-	ND (0.18)	-	-	-	-	ND (0.2)	-	-	ND (0.18)	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	NA	NA	-	ND (0.21)	-	-	-	-	ND (0.22)	-	-	ND (0.2)	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	NA	NA	-	ND (0.21)	-	-	-	-	ND (0.22)	-	-	ND (0.2)	-	-	-	-	-	-	-
Carbazole	NA	NA	-	0.09 J	-	-	-	-	0.28	-	-	0.062 J	-	-	-	-	-	-	-
Chrysene	1	3.9	-	0.29 J	-	-	-	-	***1.1***	0.3	-	0.28	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	1000	0.33	-	0.038 J	-	-	-	-	0.074 J	-	-	0.033 J	-	-	-	-	-	-	-
Dibenzofuran	210	59	-	0.17 J	-	-	-	-	1.1	-	-	0.2	-	-	-	-	-	-	-
Diethyl phthalate	NA	NA	-	ND (0.21)	-	-	-	-	ND (0.22)	-	-	ND (0.2)	-	-	-	-	-	-	-
Dimethyl phthalate	NA	NA	-	ND (0.21)	-	-	-	-	ND (0.22)	-	-	ND (0.2)	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	NA	NA	-	ND (0.21)	-	-	-	-	ND (0.22)	-	-	ND (0.2)	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	NA	NA	-	ND (0.21)	-	-	-	-	ND (0.22)	-	-	ND (0.2)	-	-	-	-	-	-	-
Fluoranthene	1000	100	-	0.94 J	-	-	-	-	5.4	-	-	1.1	-	-	-	-	-	-	-
Fluorene	386	100	-	0.28	-	-	-	-	1.6	-	-	0.31	-	-	-	-	-	-	-
Hexachlorobenzene	3.2	1.2	-	ND (0.12)	-	-	-	-	ND (0.13)	-	-	ND (0.12)	-	-	-	-	-	-	-
Hexachlorobutadiene	NA	NA	-	ND (0.21)	-	-	-	-	ND (0.22)	-	-	ND (0.2)	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	NA	NA	-	ND (0.59)	-	-	-	-	ND (0.64)	-	-	ND (0.59)	-	-	-	-	-	-	-
Hexachloroethane	NA	NA	-	ND (0.16)	-	-	-	-	ND (0.18)	-	-	ND (0.16)	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	8.2	0.5	-	0.15 J	-	-	-	-	0.3	-	-	0.13 J	-	-	-	-	-	-	-
Isophorone	NA	NA	-	ND (0.18)	-	-	-	-	ND (0.2)	-	-	ND (0.18)	-	-	-	-	-	-	-
Naphthalene	12	100	-	0.98	-	-	-	-	2	-	-	0.5	-	-	-	-	-	-	-
Nitrobenzene	NA	NA	-	ND (0.18)	-	-	-	-	ND (0.2)	-	-	ND (0.18)	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	NA	NA	-	ND (0.21)	-	-	-	-	ND (0.22)	-	-	ND (0.2)	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	NA	NA	-	ND (0.16)	-	-	-	-	ND (0.18)	-	-	ND (0.16)	-	-	-	-	-	-	-
Pentachlorophenol	0.8	6.7	-	ND (0.16) J	-	-	-	-	ND (0.18)	-	-	ND (0.16)	-	-	-	-	-	-	-
Phenanthrene	1000	100	-	1.1 J	-	-	-	-	6.2	-	-	1.2	-	-	-	-	-	-	-
Phenol	0.33	100	-	ND (0.21)	-	-	-	-	ND (0.22)	-	-	ND (0.2)	-	-	-	-	-	-	-
Pyrene	1000	100	-	0.72 J	-	-	-	-	3.8	-	-	0.84	-	-	-	-	-	-	-
Inorganic Compounds (mg/kg)																			
Aluminum	NA	NA	-	7300	-	-	-	-	8230	-	-	5110	-	-	-	-	-	-	-
Antimony	NA	NA	-	ND (4.98)	-	-	-	-	ND (5.06)	-	-	0.508 J	-	-	-	-	-	-	-
Arsenic	16	16	-	10	-	-	-	-	8.89	-	-	14.6	-	-	-	-	-	-	-
Barium	820	400	-	109	-	-	-	-	95.7	-	-	156	-	-	-	-	-	-	-
Beryllium	47	72	-	0.442 J	-	-	-	-	0.462 J	-	-	0.38 J	-	-	-	-	-	-	-
Cadmium	7.5	4.3	-	ND (0.995)	-	-	-	-	0.118 J	-	-	0.117 J	-	-	-	-	-	-	-
Calcium	NA	NA	-	8560	-	-	-	-	6850	-	-	9930	-	-	-	-	-	-	-
Chromium	NA	NA	-	17.8	-	-	-	-	19.8	-	-	12.1	-	-	-	-	-	-	-
Cobalt	NA	NA	-	6.84	-	-	-	-	7.64	-	-	5.43	-	-	-	-	-	-	-
Copper	1720	270	-	44.3	-	-	-	-	50.3	-	-	62.4	-	-	-	-	-	-	-
Iron	NA	NA	-	17500	-	-	-	-	17900	-	-	13200	-	-	-	-	-	-	-
Lead	450	400	***729 J***	***571 J***	282 J	-	-	-	321 J	-	-	***781 J***	***3090 J***	-	-	-	-	-	-
Magnesium	NA	NA	-	2500 J	-	-	-	-	2940 J	-	-	1660 J	-	-	-	-	-	-	-
Manganese	2000	2000	-	345	-	-	-	-	352	-	-	241	-	-	-	-	-	-	-
Mercury	0.73	0.81	***21.8 J+***	***2.18 J+***	***1.01 J+***	-	-	-	***1.31 J+***	***0.92 J+***	-	***4.38 J+***	***2.55 J+***	-	***3.31***	***2.36***	***1.17***	***1.92***	***18.3***
Nickel	130	310	-	25.4	-	-	-	-	29	-	-	20.2	-	-	-	-	-	-	-
Potassium	NA	NA	-	961	-	-	-	-	1570	-	-	696	-	-	-	-	-	-	-
Selenium	4	180	-	0.698 J	-	-	-	-	0.66 J	-	-	1.76 J	-	-	-	-	-	-	-
Silver	8.3	180	-	0.749	-	-	-	-	0.341 J	-	-	0.454 J	-	-	-	-	-	-	-
Sodium	NA	NA	-	262	-	-	-	-	211	-	-	212	-	-	-	-	-	-	-
Thallium	NA	NA	-	ND (1.99)	-	-	-	-	ND (2.03)	-	-	ND (1.94)	-	-	-	-	-	-	-
Vanadium	NA	NA	-	24.2	-	-	-	-	25.8	-	-	19.4	-	-	-	-	-	-	-
Zinc	2480	10000	-	142 J	-	-	-	-	277 J	-	-	226 J	-	-	-	-	-	-	-

TABLE 1
SUMMARY OF SOIL QUALITY DATA
556 BALTIC STREET (AKA 169 3RD AVENUE)
BROOKLYN, NEW YORK
FILE NO. 0204090

Location Name	Action Level		EP-11	EP-12	EP-12	EP-12	EP-12	EP-12	EP-13	EP-13	EP-13	EP-14	EP-14	EP-14	HA-25	HA-25	HA-25-SW_01	HA-25-SW_01	HA-25-SW_02
Sample Name	Restricted Use Soil Cleanup Objectives - Protection of Groundwater	NY Part 375 Restricted Residential Use Soil Cleanup Objectives	EP-11_15.5	EP-12_18	EP-12_18.5	EP-12_19.5	EP-12_20	EP-12_19	EP-13_18	EP-13_18.5	EP-13_19	EP-14_18	EP-14_18.5	EP-14_19	HA-25-BASE_A	HA-25_BASE	HA-25-SW_01A	HA-25-SW_01	HA-25-SW_02A
Sample Date			10/09/2024	10/09/2024	10/09/2024	10/30/2024	10/30/2024	10/30/2024	10/09/2024	10/09/2024	10/30/2024	10/09/2024	10/09/2024	11/06/2024	10/30/2024	10/30/2024	10/30/2024	10/30/2024	10/30/2024
Lab Sample ID			L2458745-09	L2458745-02	L2458745-12	L2463362-02	L2463362-03	L2463362-01	L2458745-03	L2458745-15	L2463362-04	L2458745-04	L2458745-18	L2464953-01	L2463362-13	L2463362-08	L2463362-14	L2463362-09	L2463362-15
Sample Depth (bgs)			15.5 - 16 (ft)	18 - 18.5 (ft)	18.5 - 19 (ft)	-	-	19 - 19.5 (ft)	18 - 18.5 (ft)	18.5 - 19 (ft)	19 - 19.5 (ft)	18 - 18.5 (ft)	18.5 - 19 (ft)	-	-	16 - 16.5 (ft)	-	15 - 15.5 (ft)	-
PCBs (mg/kg)																			
Aroclor-1016 (PCB-1016)	NA	NA	-	ND (0.0602)	-	-	-	-	ND (0.0629)	-	-	ND (0.06)	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	NA	NA	-	ND (0.0602)	-	-	-	-	ND (0.0629)	-	-	ND (0.06)	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	NA	NA	-	ND (0.0602)	-	-	-	-	ND (0.0629)	-	-	ND (0.06)	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	NA	NA	-	ND (0.0602)	-	-	-	-	ND (0.0629)	-	-	ND (0.06)	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	NA	NA	-	ND (0.0602)	-	-	-	-	ND (0.0629)	-	-	ND (0.06)	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	NA	NA	-	ND (0.0602)	-	-	-	-	ND (0.0629)	-	-	ND (0.06)	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	NA	NA	-	ND (0.0602)	-	-	-	-	ND (0.0629)	-	-	ND (0.06)	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	NA	NA	-	ND (0.0602)	-	-	-	-	ND (0.0629)	-	-	ND (0.06)	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	NA	NA	-	ND (0.0602)	-	-	-	-	ND (0.0629)	-	-	ND (0.06)	-	-	-	-	-	-	-
Polychlorinated biphenyls (PCBs)	3.2	1	-	ND (0.0602)	-	-	-	-	ND (0.0629)	-	-	ND (0.06)	-	-	-	-	-	-	-
Other																			
Total Solids (%)	NA	NA	75.1 J	78.2	80.2 J	79.1 J	77.4 J	77.1	74.1	69.5 J	81.6	79.4	71.6 J	82.7	81.3 J	73.5	76 J	76.9	72.6 J
Pesticides (mg/kg)																			
4,4'-DDD	14	13	-	ND (0.00199)	-	-	-	-	ND (0.00203)	-	-	ND (0.002)	-	-	-	-	-	-	-
4,4'-DDE	17	8.9	-	ND (0.00199)	-	-	-	-	ND (0.00203)	-	-	ND (0.002)	-	-	-	-	-	-	-
4,4'-DDT	136	7.9	-	ND (0.00199)	-	-	-	-	ND (0.00203)	-	-	ND (0.002)	-	-	-	-	-	-	-
Aldrin	0.19	0.097	-	ND (0.00199)	-	-	-	-	ND (0.00203)	-	-	ND (0.002)	-	-	-	-	-	-	-
alpha-BHC	0.02	0.48	-	ND (0.000831)	-	-	-	-	ND (0.000848)	-	-	ND (0.000835)	-	-	-	-	-	-	-
alpha-Chlordane (cis)	2.9	4.2	-	ND (0.00249)	-	-	-	-	ND (0.00254)	-	-	ND (0.0025)	-	-	-	-	-	-	-
beta-BHC	0.09	0.36	-	ND (0.00199)	-	-	-	-	ND (0.00203)	-	-	ND (0.002)	-	-	-	-	-	-	-
Chlordane	NA	NA	-	ND (0.0166)	-	-	-	-	ND (0.017)	-	-	ND (0.0167)	-	-	-	-	-	-	-
delta-BHC	0.25	100	-	ND (0.00199)	-	-	-	-	ND (0.00203)	-	-	ND (0.002)	-	-	-	-	-	-	-
Dieldrin	0.1	0.2	-	ND (0.00125)	-	-	-	-	ND (0.00127)	-	-	ND (0.00125)	-	-	-	-	-	-	-
Endosulfan I	102	24	-	ND (0.00199)	-	-	-	-	ND (0.00203)	-	-	ND (0.002)	-	-	-	-	-	-	-
Endosulfan II	102	24	-	ND (0.00199)	-	-	-	-	ND (0.00203)	-	-	ND (0.002)	-	-	-	-	-	-	-
Endosulfan sulfate	1000	24	-	ND (0.000831)	-	-	-	-	ND (0.000848)	-	-	ND (0.000835)	-	-	-	-	-	-	-
Endrin	0.06	11	-	ND (0.000831)	-	-	-	-	ND (0.000848)	-	-	ND (0.000835)	-	-	-	-	-	-	-
Endrin aldehyde	NA	NA	-	ND (0.00249)	-	-	-	-	ND (0.00254)	-	-	ND (0.0025)	-	-	-	-	-	-	-
Endrin ketone	NA	NA	-	ND (0.00199)	-	-	-	-	ND (0.00203)	-	-	ND (0.002)	-	-	-	-	-	-	-
gamma-BHC (Lindane)	0.1	1.3	-	ND (0.000831)	-	-	-	-	ND (0.000848)	-	-	ND (0.000835)	-	-	-	-	-	-	-
gamma-Chlordane (trans)	NA	NA	-	ND (0.00249)	-	-	-	-	ND (0.00254)	-	-	ND (0.0025)	-	-	-	-	-	-	-
Heptachlor	0.38	2.1	-	ND (0.000997)	-	-	-	-	ND (0.00102)	-	-	ND (0.001)	-	-	-	-	-	-	-
Heptachlor epoxide	NA	NA	-	ND (0.00374)	-	-	-	-	ND (0.00381)	-	-	ND (0.00376)	-	-	-	-	-	-	-
Methoxychlor	NA	NA	-	ND (0.00374)	-	-	-	-	ND (0.00381)	-	-	ND (0.00376)	-	-	-	-	-	-	-
Toxaphene	NA	NA	-	ND (0.0374)	-	-	-	-	ND (0.0381)	-	-	ND (0.0376)	-	-	-	-	-	-	-

TABLE 1
SUMMARY OF SOIL QUALITY DATA
556 BALTIC STREET (AKA 169 3RD AVENUE)
BROOKLYN, NEW YORK
FILE NO. 0204090

Location Name / Sample Name / Sample Date / Lab Sample ID / Sample Depth (bgs)	Action Level: Restricted Use Soil Cleanup Objectives - Protection of Groundwater	Action Level: NY Part 375 Restricted Residential Use Soil Cleanup Objectives	EP-11 EP-11_15.5 10/09/2024 L2458745-09 15.5 - 16 (ft)	EP-12 EP-12_18 10/09/2024 L2458745-02 18 - 18.5 (ft)	EP-12 EP-12_18.5 10/09/2024 L2458745-12 18.5 - 19 (ft)	EP-12 EP-12_19.5 10/30/2024 L2463362-02 -	EP-12 EP-12_20 10/30/2024 L2463362-03 -	EP-12 EP-12_19 10/30/2024 L2463362-01 19 - 19.5 (ft)	EP-13 EP-13_18 10/09/2024 L2458745-03 18 - 18.5 (ft)	EP-13 EP-13_18.5 10/09/2024 L2458745-15 18.5 - 19 (ft)	EP-13 EP-13_19 10/30/2024 L2463362-04 19 - 19.5 (ft)	EP-14 EP-14_18 10/09/2024 L2458745-04 18 - 18.5 (ft)	EP-14 EP-14_18.5 10/09/2024 L2458745-18 18.5 - 19 (ft)	EP-14 EP-14_19 11/06/2024 L2464953-01 -	HA-25 HA-25-BASE_A 10/30/2024 L2463362-13 -	HA-25 HA-25_BASE 10/30/2024 L2463362-08 16 - 16.5 (ft)	HA-25-SW_01 HA-25-SW_01A 10/30/2024 L2463362-14 -	HA-25-SW_01 HA-25-SW_01 10/30/2024 L2463362-09 15 - 15.5 (ft)	HA-25-SW_02 HA-25-SW_02A 10/30/2024 L2463362-15 -
PFAS (mg/kg)																			
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NA	NA	-	ND (0.000797)	-	-	-	-	ND (0.000795)	-	-	ND (0.000798)	-	-	-	-	-	-	-
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	NA	NA	-	ND (0.00498)	-	-	-	-	ND (0.00497)	-	-	ND (0.00499)	-	-	-	-	-	-	-
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	NA	NA	-	ND (0.00498)	-	-	-	-	ND (0.00497)	-	-	ND (0.00499)	-	-	-	-	-	-	-
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	NA	NA	-	ND (0.000996)	-	-	-	-	ND (0.000994)	-	-	ND (0.000998)	-	-	-	-	-	-	-
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	NA	NA	-	ND (0.000797)	-	-	-	-	ND (0.000795)	-	-	ND (0.000798)	-	-	-	-	-	-	-
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	NA	NA	-	ND (0.000797)	-	-	-	-	ND (0.000795)	-	-	ND (0.000798)	-	-	-	-	-	-	-
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	NA	-	ND (0.000797)	-	-	-	-	ND (0.000795)	-	-	ND (0.000798)	-	-	-	-	-	-	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	NA	-	ND (0.000797)	-	-	-	-	ND (0.000795)	-	-	ND (0.000798)	-	-	-	-	-	-	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	NA	NA	-	ND (0.000797)	-	-	-	-	ND (0.000795)	-	-	ND (0.000798)	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	NA	-	ND (0.000199)	-	-	-	-	ND (0.000199)	-	-	ND (0.0002)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	NA	NA	-	ND (0.000199)	-	-	-	-	ND (0.000199)	-	-	ND (0.0002)	-	-	-	-	-	-	-
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	NA	NA	-	ND (0.00199)	-	-	-	-	ND (0.00199)	-	-	ND (0.002)	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (MeFOSAA)	NA	NA	-	ND (0.000199)	-	-	-	-	ND (0.000199)	-	-	ND (0.0002)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	NA	NA	-	ND (0.000199)	-	-	-	-	ND (0.000199)	-	-	ND (0.0002)	-	-	-	-	-	-	-
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	NA	NA	-	ND (0.00199)	-	-	-	-	ND (0.00199)	-	-	ND (0.002)	-	-	-	-	-	-	-
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	NA	-	ND (0.000398)	-	-	-	-	ND (0.000398)	-	-	ND (0.000399)	-	-	-	-	-	-	-
Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	NA	NA	-	ND (0.000398)	-	-	-	-	ND (0.000398)	-	-	ND (0.000399)	-	-	-	-	-	-	-
Perfluoro(4-methoxybutanoic) acid (PFMBA)	NA	NA	-	ND (0.000398)	-	-	-	-	ND (0.000398)	-	-	ND (0.000399)	-	-	-	-	-	-	-
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	NA	NA	-	ND (0.000797)	-	-	-	-	ND (0.000795)	-	-	ND (0.000798)	-	-	-	-	-	-	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	NA	-	ND (0.000398)	-	-	-	-	ND (0.000398)	-	-	ND (0.000399)	-	-	-	-	-	-	-
Perfluorobutanesulfonic acid (PFBS)	NA	NA	-	ND (0.000199)	-	-	-	-	ND (0.000199)	-	-	ND (0.0002)	-	-	-	-	-	-	-
Perfluorobutanoic acid (PFBA)	NA	NA	-	ND (0.000797)	-	-	-	-	ND (0.000795)	-	-	ND (0.000798)	-	-	-	-	-	-	-
Perfluorodecanesulfonic acid (PFDS)	NA	NA	-	ND (0.000199)	-	-	-	-	ND (0.000199)	-	-	ND (0.0002)	-	-	-	-	-	-	-
Perfluorodecanoic acid (PFDA)	NA	NA	-	ND (0.000199)	-	-	-	-	ND (0.000199)	-	-	ND (0.0002)	-	-	-	-	-	-	-
Perfluorododecane sulfonic acid (PFDoDS)	NA	NA	-	ND (0.000199)	-	-	-	-	ND (0.000199)	-	-	ND (0.0002)	-	-	-	-	-	-	-
Perfluorododecanoic acid (PFDoDA)	NA	NA	-	ND (0.000199)	-	-	-	-	ND (0.000199)	-	-	ND (0.0002)	-	-	-	-	-	-	-
Perfluoroheptanesulfonic acid (PFHpS)	NA	NA	-	ND (0.000199)	-	-	-	-	ND (0.000199)	-	-	ND (0.0002)	-	-	-	-	-	-	-
Perfluoroheptanoic acid (PFHpA)	NA	NA	-	ND (0.000199)	-	-	-	-	ND (0.000199)	-	-	ND (0.0002)	-	-	-	-	-	-	-
Perfluorohexanesulfonic acid (PFHxS)	NA	NA	-	ND (0.000199)	-	-	-	-	ND (0.000199)	-	-	ND (0.0002)	-	-	-	-	-	-	-
Perfluorohexanoic acid (PFHxA)	NA	NA	-	ND (0.000199)	-	-	-	-	ND (0.000199)	-	-	ND (0.0002)	-	-	-	-	-	-	-
Perfluorononane sulfonic acid (PFNS)	NA	NA	-	ND (0.000199)	-	-	-	-	ND (0.000199)	-	-	ND (0.0002)	-	-	-	-	-	-	-
Perfluorononanoic acid (PFNA)	NA	NA	-	ND (0.000199)	-	-	-	-	ND (0.000199)	-	-	ND (0.0002)	-	-	-	-	-	-	-
Perfluorooctane sulfonamide (PFOSA)	NA	NA	-	ND (0.000199)	-	-	-	-	ND (0.000199)	-	-	ND (0.0002)	-	-	-	-	-	-	-
Perfluorooctanesulfonic acid (PFOS)	0.001	0.044	-	0.000268	-	-	-	-	0.000326	-	-	0.000162 J	-	-	-	-	-	-	-
Perfluorooctanoic acid (PFOA)	0.0008	0.033	-	0.000055 J	-	-	-	-	0.000079 J	-	-	0.000051 J	-	-	-	-	-	-	-
Perfluoropentanesulfonic acid (PFPeS)	NA	NA	-	ND (0.000199)	-	-	-	-	ND (0.000199)	-	-	ND (0.0002)	-	-	-	-	-	-	-
Perfluoropentanoic acid (PFPeA)	NA	NA	-	ND (0.000398)	-	-	-	-	ND (0.000398)	-	-	ND (0.000399)	-	-	-	-	-	-	-
Perfluorotetradecanoic acid (PFTeDA)	NA	NA	-	ND (0.000199)	-	-	-	-	ND (0.000199)	-	-	ND (0.0002)	-	-	-	-	-	-	-
Perfluorotridecanoic acid (PFTrDA)	NA	NA	-	ND (0.000199)	-	-	-	-	ND (0.000199)	-	-	ND (0.0002)	-	-	-	-	-	-	-
Perfluoroundecanoic acid (PFUnDA)	NA	NA	-	ND (0.000199)	-	-	-	-	ND (0.000199)	-	-	ND (0.0002)	-	-	-	-	-	-	-

ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

-: Not Analyzed
bgs: below ground surface
ft: feet
J: Value is estimated
J+: Value is estimated, high bias
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit
R: Rejected

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

TABLE 1
SUMMARY OF SOIL QUALITY DATA
556 BALTIC STREET (AKA 169 3RD AVENUE)
BROOKLYN, NEW YORK
FILE NO. 0204090

	Action Level							
Location Name	Restricted Use Soil Cleanup Objectives - Protection of Groundwater	NY Part 375 Restricted Residential Use Soil Cleanup Objectives	HA-25-SW_02	HA-25-SW_03	HA-25-SW_03	HA-25-SW_04	HA-25-SW_04	QA/QC
Sample Name			HA-25-SW_02	HA-25-SW_03A	HA-25-SW_03	HA-25-SW_04A	HA-25-SW_04	DUP-01_20241009
Sample Date			10/30/2024	10/30/2024	10/30/2024	10/30/2024	10/30/2024	10/09/2024
Lab Sample ID			L2463362-10	L2463362-16	L2463362-11	L2463362-17	L2463362-12	L2458745-05
Sample Depth (bgs)			15 - 15.5 (ft)	-	15 - 15.5 (ft)	-	15 - 15.5 (ft)	-
Volatile Organic Compounds (mg/kg)								
1,1,1,2-Tetrachloroethane	NA	NA	-	-	-	-	-	ND (0.00068)
1,1,1-Trichloroethane	0.68	100	-	-	-	-	-	ND (0.00068)
1,1,2,2-Tetrachloroethane	NA	NA	-	-	-	-	-	ND (0.00068)
1,1,2-Trichloroethane	NA	NA	-	-	-	-	-	ND (0.0014)
1,1-Dichloroethane	0.27	26	-	-	-	-	-	ND (0.0014)
1,1-Dichloroethene	0.33	100	-	-	-	-	-	ND (0.0014)
1,1-Dichloropropene	NA	NA	-	-	-	-	-	ND (0.00068)
1,2,3-Trichlorobenzene	NA	NA	-	-	-	-	-	ND (0.0027)
1,2,3-Trichloropropane	NA	NA	-	-	-	-	-	ND (0.0027)
1,2,4,5-Tetramethylbenzene	NA	NA	-	-	-	-	-	2
1,2,4-Trichlorobenzene	NA	NA	-	-	-	-	-	ND (0.0027)
1,2,4-Trimethylbenzene	3.6	52	-	-	-	-	-	0.14 J+
1,2-Dibromo-3-chloropropane (DBCP)	NA	NA	-	-	-	-	-	ND (0.004)
1,2-Dibromoethane (Ethylene Dibromide)	NA	NA	-	-	-	-	-	ND (0.0014)
1,2-Dichlorobenzene	1.1	100	-	-	-	-	-	ND (0.0027)
1,2-Dichloroethane	0.02	3.1	-	-	-	-	-	ND (0.0014)
1,2-Dichloroethene (total)	NA	NA	-	-	-	-	-	ND (0.0014)
1,2-Dichloropropane	NA	NA	-	-	-	-	-	ND (0.0014)
1,3,5-Trimethylbenzene	8.4	52	-	-	-	-	-	0.083 J+
1,3-Dichlorobenzene	2.4	49	-	-	-	-	-	ND (0.0027)
1,3-Dichloropropane	NA	NA	-	-	-	-	-	ND (0.0027)
1,3-Dichloropropene	NA	NA	-	-	-	-	-	ND (0.00068)
1,4-Dichlorobenzene	1.8	13	-	-	-	-	-	ND (0.0027)
1,4-Diethylbenzene	NA	NA	-	-	-	-	-	0.28 J
1,4-Dioxane	0.1	13	-	-	-	-	-	ND (0.11)
2,2-Dichloropropane	NA	NA	-	-	-	-	-	ND (0.0027)
2-Butanone (Methyl Ethyl Ketone)	0.12	100	-	-	-	-	-	ND (0.014)
2-Chlorotoluene	NA	NA	-	-	-	-	-	ND (0.0027)
2-Hexanone (Methyl Butyl Ketone)	NA	NA	-	-	-	-	-	ND (0.014)
2-Phenylbutane (sec-Butylbenzene)	11	100	-	-	-	-	-	0.081 J+
4-Chlorotoluene	NA	NA	-	-	-	-	-	ND (0.0027)
4-Ethyltoluene (1-Ethyl-4-Methylbenzene)	NA	NA	-	-	-	-	-	0.11
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	NA	-	-	-	-	-	ND (0.014)
Acetone	0.05	100	-	-	-	-	-	0.036
Acrylonitrile	NA	NA	-	-	-	-	-	ND (0.0054)
Benzene	0.06	4.8	-	-	-	-	-	0.005
Bromobenzene	NA	NA	-	-	-	-	-	ND (0.0027)
Bromodichloromethane	NA	NA	-	-	-	-	-	ND (0.00068)
Bromoform	NA	NA	-	-	-	-	-	ND (0.0054)
Bromomethane (Methyl Bromide)	NA	NA	-	-	-	-	-	ND (0.0027) J
Carbon disulfide	NA	NA	-	-	-	-	-	ND (0.014)
Carbon tetrachloride	0.76	2.4	-	-	-	-	-	ND (0.0014)
Chlorobenzene	1.1	100	-	-	-	-	-	ND (0.00068)
Chlorobromomethane	NA	NA	-	-	-	-	-	ND (0.0027)
Chloroethane	NA	NA	-	-	-	-	-	ND (0.0027)
Chloroform (Trichloromethane)	0.37	49	-	-	-	-	-	ND (0.002)
Chloromethane (Methyl Chloride)	NA	NA	-	-	-	-	-	ND (0.0054)
cis-1,2-Dichloroethene	0.25	100	-	-	-	-	-	ND (0.0014)
cis-1,3-Dichloropropene	NA	NA	-	-	-	-	-	ND (0.00068)
Cymene (p-Isopropyltoluene)	NA	NA	-	-	-	-	-	0.033 J+
Dibromochloromethane	NA	NA	-	-	-	-	-	ND (0.0014)
Dibromomethane	NA	NA	-	-	-	-	-	ND (0.0027)
Dichlorodifluoromethane (CFC-12)	NA	NA	-	-	-	-	-	ND (0.014)
Ethyl Ether	NA	NA	-	-	-	-	-	ND (0.0027) J
Ethylbenzene	1	41	-	-	-	-	-	0.01 J+
Hexachlorobutadiene	NA	NA	-	-	-	-	-	ND (0.0054)
Isopropylbenzene (Cumene)	NA	NA	-	-	-	-	-	0.047 J+
m,p-Xylenes	NA	NA	-	-	-	-	-	0.036 J+
Methyl Tert Butyl Ether (MTBE)	0.93	100	-	-	-	-	-	0.0009 J
Methylene chloride (Dichloromethane)	0.05	100	-	-	-	-	-	ND (0.0068) J

TABLE 1
SUMMARY OF SOIL QUALITY DATA
556 BALTIC STREET (AKA 169 3RD AVENUE)
BROOKLYN, NEW YORK
FILE NO. 0204090

	Action Level							
Location Name	Restricted Use Soil Cleanup Objectives - Protection of Groundwater	NY Part 375 Restricted Residential Use Soil Cleanup Objectives	HA-25-SW_02	HA-25-SW_03	HA-25-SW_03	HA-25-SW_04	HA-25-SW_04	QA/QC
Sample Name			HA-25-SW_02	HA-25-SW_03A	HA-25-SW_03	HA-25-SW_04A	HA-25-SW_04	DUP-01_20241009
Sample Date			10/30/2024	10/30/2024	10/30/2024	10/30/2024	10/30/2024	10/09/2024
Lab Sample ID			L2463362-10	L2463362-16	L2463362-11	L2463362-17	L2463362-12	L2458745-05
Sample Depth (bgs)			15 - 15.5 (ft)	-	15 - 15.5 (ft)	-	15 - 15.5 (ft)	-
Naphthalene	12	100	-	-	-	-	-	0.032 J+
n-Butylbenzene	12	100	-	-	-	-	-	0.11 J+
n-Propylbenzene	3.9	100	-	-	-	-	-	0.12 J+
o-Xylene	NA	NA	-	-	-	-	-	0.011 J+
Styrene	NA	NA	-	-	-	-	-	ND (0.0014)
tert-Butylbenzene	5.9	100	-	-	-	-	-	0.0054 J+
Tetrachloroethene	1.3	19	-	-	-	-	-	ND (0.00068)
Toluene	0.7	100	-	-	-	-	-	0.0026
trans-1,2-Dichloroethene	0.19	100	-	-	-	-	-	ND (0.002)
trans-1,3-Dichloropropene	NA	NA	-	-	-	-	-	ND (0.0014)
trans-1,4-Dichloro-2-butene	NA	NA	-	-	-	-	-	ND (0.0068)
Trichloroethene	0.47	21	-	-	-	-	-	ND (0.00068)
Trichlorofluoromethane (CFC-11)	NA	NA	-	-	-	-	-	ND (0.0054)
Vinyl acetate	NA	NA	-	-	-	-	-	ND (0.014)
Vinyl chloride	0.02	0.9	-	-	-	-	-	ND (0.0014)
Xylene (Total)	1.6	100	-	-	-	-	-	0.047
Semi-Volatile Organic Compounds (mg/kg)								
1,2,4,5-Tetrachlorobenzene	NA	NA	-	-	-	-	-	ND (0.2)
1,2,4-Trichlorobenzene	NA	NA	-	-	-	-	-	ND (0.2)
1,2-Dichlorobenzene	1.1	100	-	-	-	-	-	ND (0.2)
1,3-Dichlorobenzene	2.4	49	-	-	-	-	-	ND (0.2)
1,4-Dichlorobenzene	1.8	13	-	-	-	-	-	ND (0.2)
1,4-Dioxane	0.1	13	-	-	-	-	-	ND (0.03)
2,2'-oxybis(1-Chloropropane)	NA	NA	-	-	-	-	-	ND (0.24)
2,4,5-Trichlorophenol	NA	NA	-	-	-	-	-	ND (0.2)
2,4,6-Trichlorophenol	NA	NA	-	-	-	-	-	ND (0.12)
2,4-Dichlorophenol	NA	NA	-	-	-	-	-	ND (0.18)
2,4-Dimethylphenol	NA	NA	-	-	-	-	-	ND (0.2)
2,4-Dinitrophenol	NA	NA	-	-	-	-	-	ND (0.97)
2,4-Dinitrotoluene	NA	NA	-	-	-	-	-	ND (0.2)
2,6-Dinitrotoluene	NA	NA	-	-	-	-	-	ND (0.2)
2-Chloronaphthalene	NA	NA	-	-	-	-	-	ND (0.2)
2-Chlorophenol	NA	NA	-	-	-	-	-	ND (0.2)
2-Methylnaphthalene	NA	NA	-	-	-	-	-	0.13 J
2-Methylphenol (o-Cresol)	0.33	100	-	-	-	-	-	ND (0.2)
2-Nitroaniline	NA	NA	-	-	-	-	-	ND (0.2)
2-Nitrophenol	NA	NA	-	-	-	-	-	ND (0.44)
3&4-Methylphenol	NA	NA	-	-	-	-	-	ND (0.29)
3,3'-Dichlorobenzidine	NA	NA	-	-	-	-	-	ND (0.2)
3-Nitroaniline	NA	NA	-	-	-	-	-	ND (0.2)
4,6-Dinitro-2-methylphenol	NA	NA	-	-	-	-	-	ND (0.52)
4-Bromophenyl phenyl ether (BDE-3)	NA	NA	-	-	-	-	-	ND (0.2)
4-Chloro-3-methylphenol	NA	NA	-	-	-	-	-	ND (0.2)
4-Chloroaniline	NA	NA	-	-	-	-	-	ND (0.2)
4-Chlorophenyl phenyl ether	NA	NA	-	-	-	-	-	ND (0.2)
4-Nitroaniline	NA	NA	-	-	-	-	-	ND (0.2)
4-Nitrophenol	NA	NA	-	-	-	-	-	ND (0.28)
Acenaphthene	98	100	-	-	-	-	-	0.13 J
Acenaphthylene	107	100	-	-	-	-	-	ND (0.16)
Acetophenone	NA	NA	-	-	-	-	-	ND (0.2)
Anthracene	1000	100	-	-	-	-	-	0.14

TABLE 1
SUMMARY OF SOIL QUALITY DATA
556 BALTIC STREET (AKA 169 3RD AVENUE)
BROOKLYN, NEW YORK
FILE NO. 0204090

	Action Level							
Location Name	Restricted Use Soil Cleanup Objectives - Protection of Groundwater	NY Part 375 Restricted Residential Use Soil Cleanup Objectives	HA-25-SW_02	HA-25-SW_03	HA-25-SW_03	HA-25-SW_04	HA-25-SW_04	QA/QC
Sample Name			HA-25-SW_02	HA-25-SW_03A	HA-25-SW_03	HA-25-SW_04A	HA-25-SW_04	DUP-01_20241009
Sample Date			10/30/2024	10/30/2024	10/30/2024	10/30/2024	10/30/2024	10/09/2024
Lab Sample ID			L2463362-10	L2463362-16	L2463362-11	L2463362-17	L2463362-12	L2458745-05
Sample Depth (bgs)			15 - 15.5 (ft)	-	15 - 15.5 (ft)	-	15 - 15.5 (ft)	-
Benzo(a)anthracene	1	1	-	-	-	-	-	0.23 J
Benzo(a)pyrene	22	1	-	-	-	-	-	0.23
Benzo(b)fluoranthene	1.7	1	-	-	-	-	-	0.28
Benzo(g,h,i)perylene	1000	100	-	-	-	-	-	0.16
Benzo(k)fluoranthene	1.7	3.9	-	-	-	-	-	0.076 J
Benzoic acid	NA	NA	-	-	-	-	-	0.66 R
Benzyl Alcohol	NA	NA	-	-	-	-	-	ND (0.2)
Biphenyl	NA	NA	-	-	-	-	-	ND (0.46)
bis(2-Chloroethoxy)methane	NA	NA	-	-	-	-	-	ND (0.22)
bis(2-Chloroethyl)ether	NA	NA	-	-	-	-	-	ND (0.18)
bis(2-Ethylhexyl)phthalate	NA	NA	-	-	-	-	-	ND (0.2)
Butyl benzylphthalate (BBP)	NA	NA	-	-	-	-	-	ND (0.2)
Carbazole	NA	NA	-	-	-	-	-	0.074 J
Chrysene	1	3.9	-	-	-	-	-	0.22 J
Dibenz(a,h)anthracene	1000	0.33	-	-	-	-	-	0.034 J
Dibenzofuran	210	59	-	-	-	-	-	0.073 J
Diethyl phthalate	NA	NA	-	-	-	-	-	ND (0.2)
Dimethyl phthalate	NA	NA	-	-	-	-	-	ND (0.2)
Di-n-butylphthalate (DBP)	NA	NA	-	-	-	-	-	ND (0.2)
Di-n-octyl phthalate (DnOP)	NA	NA	-	-	-	-	-	ND (0.2)
Fluoranthene	1000	100	-	-	-	-	-	0.58 J
Fluorene	386	100	-	-	-	-	-	0.12 J
Hexachlorobenzene	3.2	1.2	-	-	-	-	-	ND (0.12)
Hexachlorobutadiene	NA	NA	-	-	-	-	-	ND (0.2)
Hexachlorocyclopentadiene	NA	NA	-	-	-	-	-	ND (0.58)
Hexachloroethane	NA	NA	-	-	-	-	-	ND (0.16)
Indeno(1,2,3-cd)pyrene	8.2	0.5	-	-	-	-	-	0.14 J
Isophorone	NA	NA	-	-	-	-	-	ND (0.18)
Naphthalene	12	100	-	-	-	-	-	0.22 J
Nitrobenzene	NA	NA	-	-	-	-	-	ND (0.18)
N-Nitrosodi-n-propylamine	NA	NA	-	-	-	-	-	ND (0.2)
N-Nitrosodiphenylamine	NA	NA	-	-	-	-	-	ND (0.16)
Pentachlorophenol	0.8	6.7	-	-	-	-	-	ND (0.16)
Phenanthrene	1000	100	-	-	-	-	-	0.52 J
Phenol	0.33	100	-	-	-	-	-	ND (0.2)
Pyrene	1000	100	-	-	-	-	-	0.45 J
Inorganic Compounds (mg/kg)								
Aluminum	NA	NA	-	-	-	-	-	5310
Antimony	NA	NA	-	-	-	-	-	0.521 J
Arsenic	16	16	-	-	-	-	-	15.1
Barium	820	400	-	-	-	-	-	154
Beryllium	47	72	-	-	-	-	-	0.387 J
Cadmium	7.5	4.3	-	-	-	-	-	0.135 J
Calcium	NA	NA	-	-	-	-	-	9140
Chromium	NA	NA	-	-	-	-	-	13.8
Cobalt	NA	NA	-	-	-	-	-	5.73
Copper	1720	270	-	-	-	-	-	57.3
Iron	NA	NA	-	-	-	-	-	15400
Lead	450	400	-	-	-	-	-	***578 J***
Magnesium	NA	NA	-	-	-	-	-	1610 J
Manganese	2000	2000	-	-	-	-	-	194
Mercury	0.73	0.81	***1.84***	***2.38***	***2.95***	***1.61***	***3.42***	***2.81 J+***
Nickel	130	310	-	-	-	-	-	17.7
Potassium	NA	NA	-	-	-	-	-	748
Selenium	4	180	-	-	-	-	-	1.22 J
Silver	8.3	180	-	-	-	-	-	0.549
Sodium	NA	NA	-	-	-	-	-	272
Thallium	NA	NA	-	-	-	-	-	ND (1.92)
Vanadium	NA	NA	-	-	-	-	-	23.9
Zinc	2480	10000	-	-	-	-	-	183 J

TABLE 1
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556 BALTIC STREET (AKA 169 3RD AVENUE)
BROOKLYN, NEW YORK
FILE NO. 0204090

	Action Level							
Location Name	Restricted Use Soil Cleanup Objectives - Protection of Groundwater	NY Part 375 Restricted Residential Use Soil Cleanup Objectives	HA-25-SW_02	HA-25-SW_03	HA-25-SW_03	HA-25-SW_04	HA-25-SW_04	QA/QC
Sample Name			HA-25-SW_02	HA-25-SW_03A	HA-25-SW_03	HA-25-SW_04A	HA-25-SW_04	DUP-01_20241009
Sample Date			10/30/2024	10/30/2024	10/30/2024	10/30/2024	10/30/2024	10/09/2024
Lab Sample ID			L2463362-10	L2463362-16	L2463362-11	L2463362-17	L2463362-12	L2458745-05
Sample Depth (bgs)			15 - 15.5 (ft)	-	15 - 15.5 (ft)	-	15 - 15.5 (ft)	-
PCBs (mg/kg)								
Aroclor-1016 (PCB-1016)	NA	NA	-	-	-	-	-	ND (0.0588)
Aroclor-1221 (PCB-1221)	NA	NA	-	-	-	-	-	ND (0.0588)
Aroclor-1232 (PCB-1232)	NA	NA	-	-	-	-	-	ND (0.0588)
Aroclor-1242 (PCB-1242)	NA	NA	-	-	-	-	-	ND (0.0588)
Aroclor-1248 (PCB-1248)	NA	NA	-	-	-	-	-	ND (0.0588)
Aroclor-1254 (PCB-1254)	NA	NA	-	-	-	-	-	ND (0.0588)
Aroclor-1260 (PCB-1260)	NA	NA	-	-	-	-	-	ND (0.0588)
Aroclor-1262 (PCB-1262)	NA	NA	-	-	-	-	-	ND (0.0588)
Aroclor-1268 (PCB-1268)	NA	NA	-	-	-	-	-	ND (0.0588)
Polychlorinated biphenyls (PCBs)	3.2	1	-	-	-	-	-	ND (0.0588)
Other								
Total Solids (%)	NA	NA	81.5	82.4 J	81.8	80.9 J	81.5	81.5
Pesticides (mg/kg)								
4,4'-DDD	14	13	-	-	-	-	-	ND (0.0019)
4,4'-DDE	17	8.9	-	-	-	-	-	ND (0.0019)
4,4'-DDT	136	7.9	-	-	-	-	-	ND (0.0019)
Aldrin	0.19	0.097	-	-	-	-	-	ND (0.0019)
alpha-BHC	0.02	0.48	-	-	-	-	-	ND (0.000794)
alpha-Chlordane (cis)	2.9	4.2	-	-	-	-	-	ND (0.00238)
beta-BHC	0.09	0.36	-	-	-	-	-	ND (0.0019)
Chlordane	NA	NA	-	-	-	-	-	ND (0.0159)
delta-BHC	0.25	100	-	-	-	-	-	ND (0.0019)
Dieldrin	0.1	0.2	-	-	-	-	-	ND (0.00119)
Endosulfan I	102	24	-	-	-	-	-	ND (0.0019)
Endosulfan II	102	24	-	-	-	-	-	ND (0.0019)
Endosulfan sulfate	1000	24	-	-	-	-	-	ND (0.000794)
Endrin	0.06	11	-	-	-	-	-	ND (0.000794)
Endrin aldehyde	NA	NA	-	-	-	-	-	ND (0.00238)
Endrin ketone	NA	NA	-	-	-	-	-	ND (0.0019)
gamma-BHC (Lindane)	0.1	1.3	-	-	-	-	-	ND (0.000794)
gamma-Chlordane (trans)	NA	NA	-	-	-	-	-	ND (0.00238)
Heptachlor	0.38	2.1	-	-	-	-	-	ND (0.000952)
Heptachlor epoxide	NA	NA	-	-	-	-	-	ND (0.00357)
Methoxychlor	NA	NA	-	-	-	-	-	ND (0.00357)
Toxaphene	NA	NA	-	-	-	-	-	ND (0.0357)

TABLE 1
SUMMARY OF SOIL QUALITY DATA
556 BALTIC STREET (AKA 169 3RD AVENUE)
BROOKLYN, NEW YORK
FILE NO. 0204090

	Action Level							
Location Name	Restricted Use Soil Cleanup Objectives - Protection of Groundwater	NY Part 375 Restricted Residential Use Soil Cleanup Objectives	HA-25-SW_02	HA-25-SW_03	HA-25-SW_03	HA-25-SW_04	HA-25-SW_04	QA/QC
Sample Name			HA-25-SW_02	HA-25-SW_03A	HA-25-SW_03	HA-25-SW_04A	HA-25-SW_04	DUP-01_20241009
Sample Date			10/30/2024	10/30/2024	10/30/2024	10/30/2024	10/30/2024	10/09/2024
Lab Sample ID			L2463362-10	L2463362-16	L2463362-11	L2463362-17	L2463362-12	L2458745-05
Sample Depth (bgs)			15 - 15.5 (ft)	-	15 - 15.5 (ft)	-	15 - 15.5 (ft)	-
PFAS (mg/kg)								
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NA	NA	-	-	-	-	-	ND (0.000799)
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	NA	NA	-	-	-	-	-	ND (0.005)
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	NA	NA	-	-	-	-	-	ND (0.005)
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	NA	NA	-	-	-	-	-	ND (0.000999)
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	NA	NA	-	-	-	-	-	ND (0.000799)
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	NA	NA	-	-	-	-	-	ND (0.000799)
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	NA	-	-	-	-	-	ND (0.000799)
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	NA	-	-	-	-	-	ND (0.000799)
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	NA	NA	-	-	-	-	-	ND (0.000799)
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	NA	-	-	-	-	-	ND (0.0002)
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	NA	NA	-	-	-	-	-	ND (0.0002)
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	NA	NA	-	-	-	-	-	ND (0.002)
N-Methyl Perfluorooctanesulfonamidoacetic Acid (MeFOSAA)	NA	NA	-	-	-	-	-	ND (0.0002)
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	NA	NA	-	-	-	-	-	ND (0.0002)
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	NA	NA	-	-	-	-	-	ND (0.002)
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	NA	-	-	-	-	-	ND (0.0004)
Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	NA	NA	-	-	-	-	-	ND (0.0004)
Perfluoro(4-methoxybutanoic) acid (PFMBA)	NA	NA	-	-	-	-	-	ND (0.0004)
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	NA	NA	-	-	-	-	-	ND (0.000799)
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	NA	-	-	-	-	-	ND (0.0004)
Perfluorobutanesulfonic acid (PFBS)	NA	NA	-	-	-	-	-	ND (0.0002)
Perfluorobutanoic acid (PFBA)	NA	NA	-	-	-	-	-	ND (0.000799)
Perfluorodecanesulfonic acid (PFDS)	NA	NA	-	-	-	-	-	ND (0.0002)
Perfluorodecanoic acid (PFDA)	NA	NA	-	-	-	-	-	ND (0.0002)
Perfluorododecane sulfonic acid (PFDoDS)	NA	NA	-	-	-	-	-	ND (0.0002)
Perfluorododecanoic acid (PFDoDA)	NA	NA	-	-	-	-	-	ND (0.0002)
Perfluoroheptanesulfonic acid (PFHpS)	NA	NA	-	-	-	-	-	ND (0.0002)
Perfluoroheptanoic acid (PFHpA)	NA	NA	-	-	-	-	-	ND (0.0002)
Perfluorohexanesulfonic acid (PFHxS)	NA	NA	-	-	-	-	-	0.000039 J
Perfluorohexanoic acid (PFHxA)	NA	NA	-	-	-	-	-	ND (0.0002)
Perfluorononane sulfonic acid (PFNS)	NA	NA	-	-	-	-	-	ND (0.0002)
Perfluorononanoic acid (PFNA)	NA	NA	-	-	-	-	-	ND (0.0002)
Perfluorooctane sulfonamide (PFOSA)	NA	NA	-	-	-	-	-	ND (0.0002)
Perfluorooctanesulfonic acid (PFOS)	0.001	0.044	-	-	-	-	-	0.000424
Perfluorooctanoic acid (PFOA)	0.0008	0.033	-	-	-	-	-	0.000085 J
Perfluoropentanesulfonic acid (PFPeS)	NA	NA	-	-	-	-	-	ND (0.0002)
Perfluoropentanoic acid (PFPeA)	NA	NA	-	-	-	-	-	ND (0.0004)
Perfluorotetradecanoic acid (PFTeDA)	NA	NA	-	-	-	-	-	ND (0.0002)
Perfluorotridecanoic acid (PFTrDA)	NA	NA	-	-	-	-	-	ND (0.0002)
Perfluoroundecanoic acid (PFUnDA)	NA	NA	-	-	-	-	-	ND (0.0002)

ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

-: Not Analyzed
bgs: below ground surface
ft: feet
J: Value is estimated
J+: Value is estimated, high bias
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit
R: Rejected

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

TABLE 2
GROUNDWATER ELEVATION MEASUREMENTS
556 BALTIC STREET (AKA 169 THIRD AVE)
BROOKLYN, NEW YORK
FILE NO. 0204090

Well ID	Screen Interval (ft)	Depth to Water (ft below TOC)	Top of Casing Elevation (ft below TOC)	Groundwater Elevation (ft)
MW-01	10-20	14.71	20.61	5.90
MW-02	10-20	15.05	20.95	5.90
MW-03	10-20	14.61	21.28	6.67
MW-04	10-20	15.37	21.46	6.09
MW-05	10-20	14.95	21.82	6.87
MW-06	10-20	15.55	21.71	6.16
MW-07	10-20	14.98	21.51	6.53
MW-08	10-20	15.69	22.09	6.40
MW-09	10-20	14.49	21.62	7.13

Notes:

1. Groundwater monitoring wells referenced in this table were installed during the Remedial Investigation conducted in February 2023.

2. Groundwater monitoring wells were surveyed by DPK Land Surveying LLC on February 6 and 14, 2023.

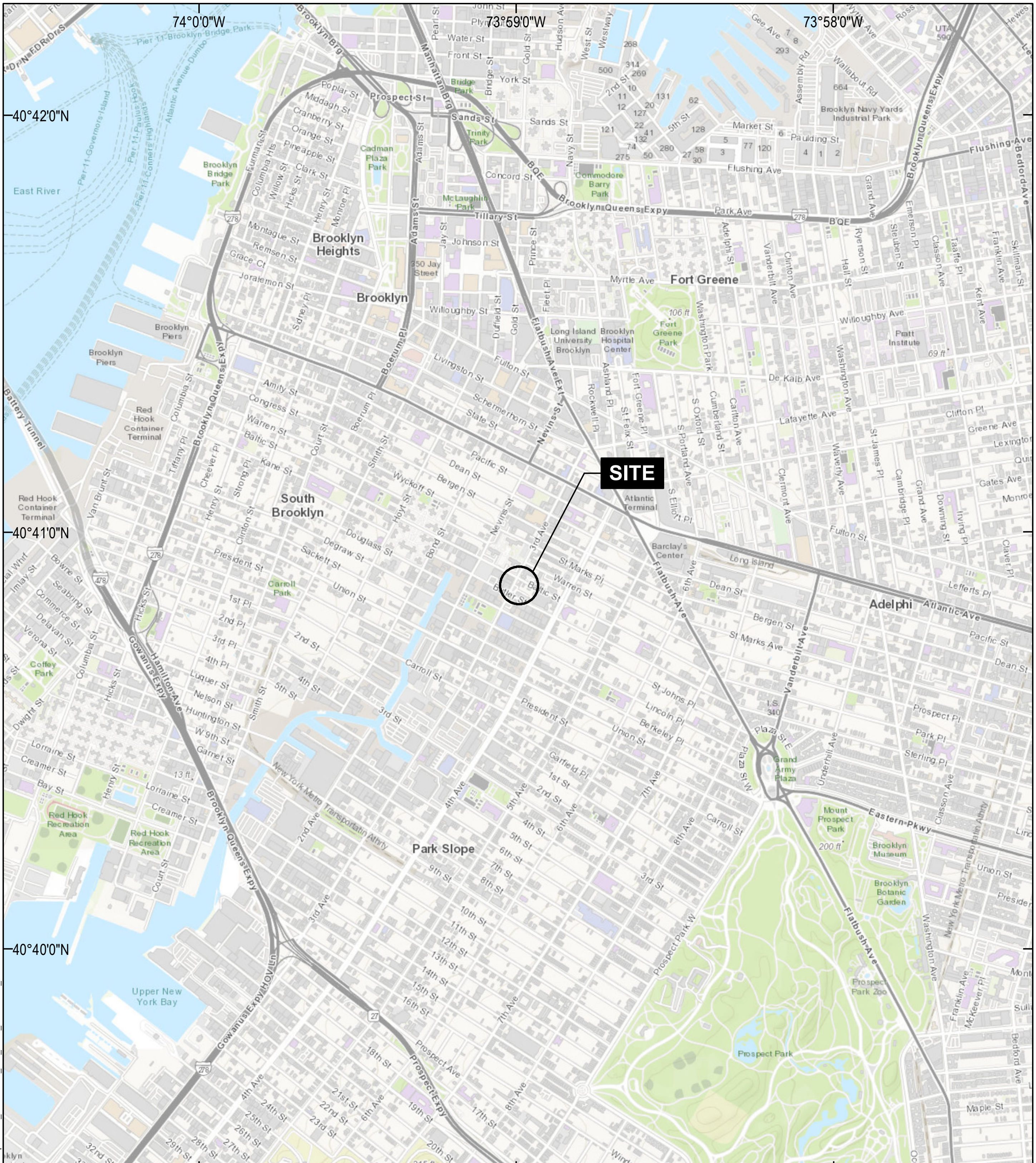
3. Groundwater monitoring wells were gauged on February 16, 2023 by Haley & Aldrich of New York personnel.

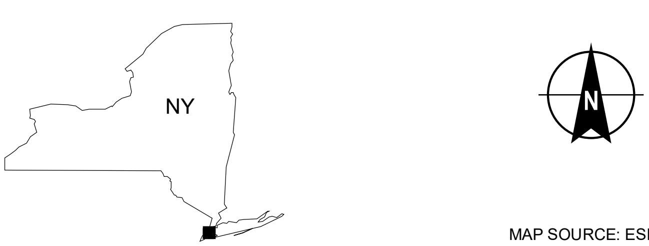
4. Elevation refers to the North American Vertical Datum of 1988 (NAVD88).

5. All dimensions are in US survey feet.

6. There are currently no monitoring wells on-site, and the off-site sentinel wells have not been surveyed.

FIGURES





MAP SOURCE: ESRI
SITE COORDINATES: 40°40'52"N, 73°58'59"W

HALEY ALDRICH

556 BALTIC STREET
BROOKLYN, NY

PROJECT LOCUS

APPROXIMATE SCALE: 1 IN = 2000 FT
JUNE 2025

FIGURE 1

GIS: \\haleyaldrich.com\share\CF\Projects\0204090\GIS\Maps\2021_12\204090_000_0001_PROJECT_LOCUS.mxd - anichols - 1/28/2022 1:39:47 PM

LEGEND

SITE BOUNDARY

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. AERIAL IMAGERY SOURCE: NEARMAP, 11 OCTOBER 2024

N

0 30 60

SCALE IN FEET

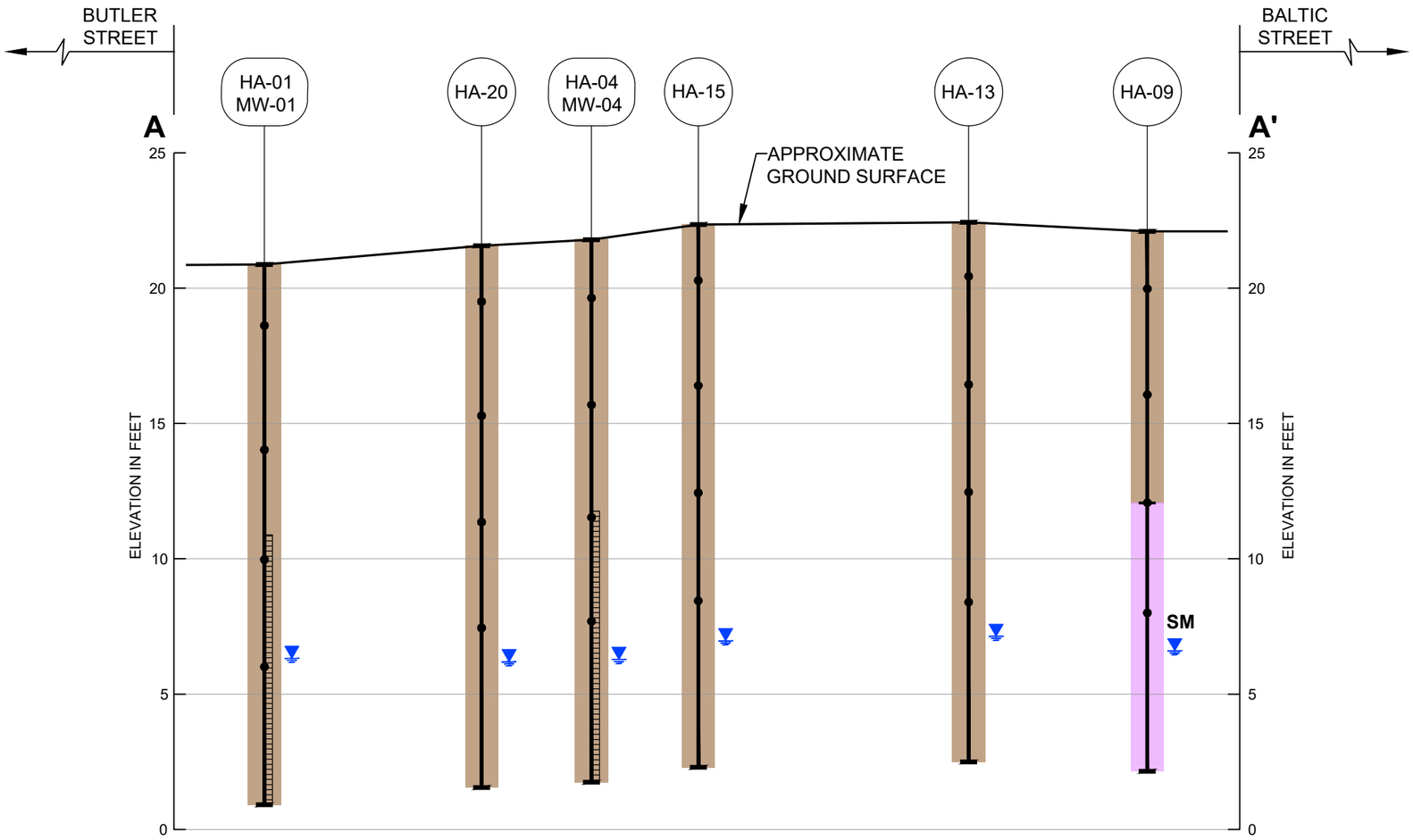
HALEY ALDRICH

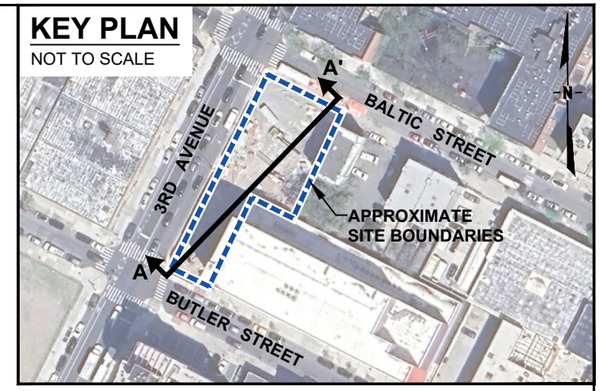
556 BALTIC STREET
BROOKLYN, NEW YORK

SITE PLAN

JUNE 2025

FIGURE 2





LEGEND

HA-20 EXPLORATION DESIGNATION

INDICATES SAMPLE COLLECTED

INTERPRETED GEOLOGIC STRATUM INTERFACE

GROUNDWATER WATER LEVEL

MONITORING WELL SCREEN INTERVAL

BOTTOM OF EXPLORATION

GEOLOGY KEY

FILL

SM (SILTY SAND)

HORIZ. 00 30 60

VERT. 0 5 10

SCALE IN FEET

HALEY ALDRICH

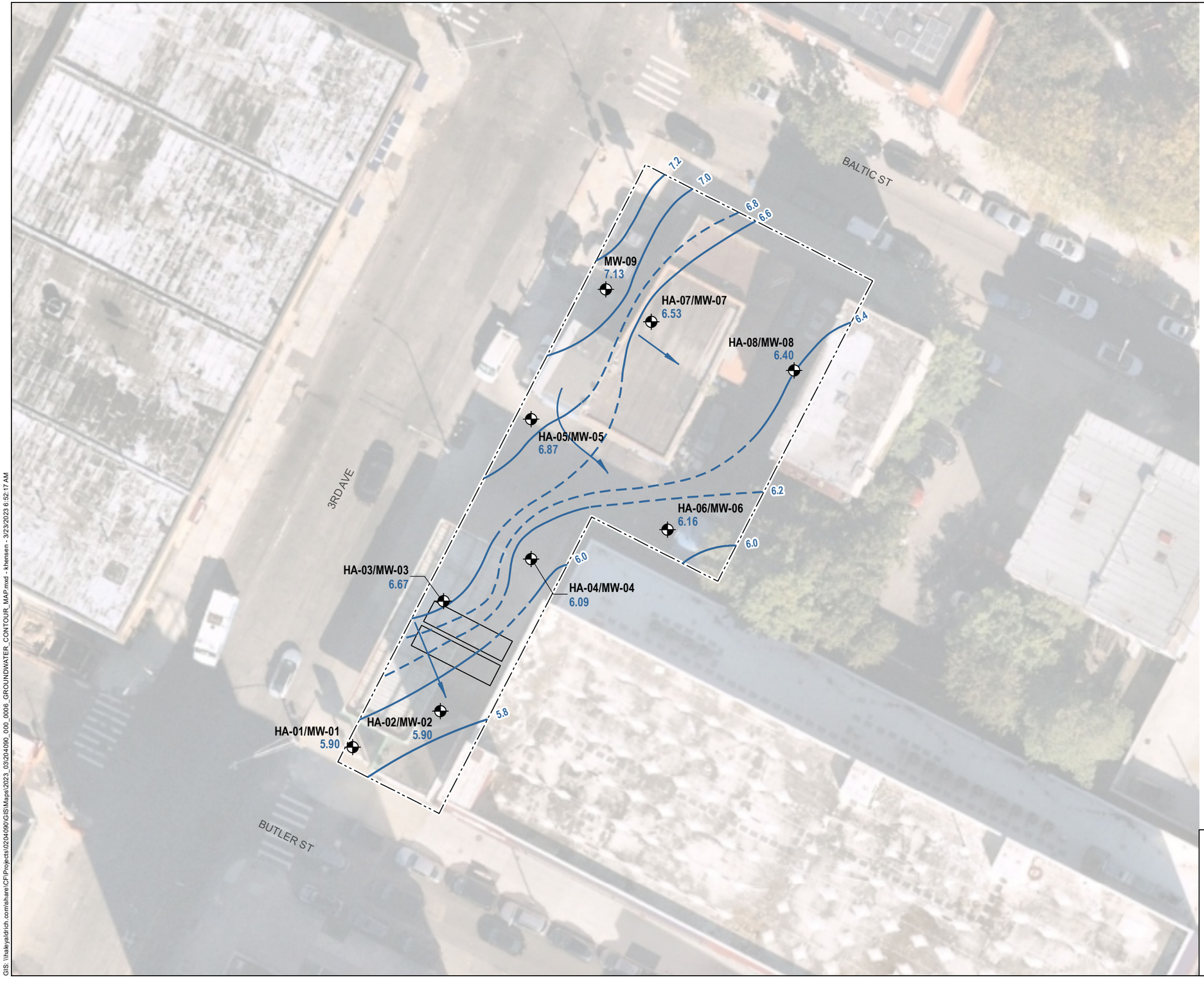
556 BALTIC STREET
BROOKLYN, NEW YORK

GEOLOGIC CROSS SECTION A-A'

SCALE: AS SHOWN
JUNE 2025

FIGURE 3

Saved by: TAM Printed: 7/8/2024 12:17 PM Sheet: B001
J:\GRAPHICS\0204090\0204090-000-B001.DWG



LEGEND

- FORMER MONITORING WELL
- GROUNDWATER ELEVATION CONTOUR, IN FEET (DASHED WHERE INFERRED)
- GROUNDWATER FLOW DIRECTION
- FORMER UST LOCATION
- SITE BOUNDARY

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. AERIAL IMAGERY SOURCE: NEARMAP, 19 OCTOBER 2021

N

0 30 60

SCALE IN FEET

HALEY ALDRICH

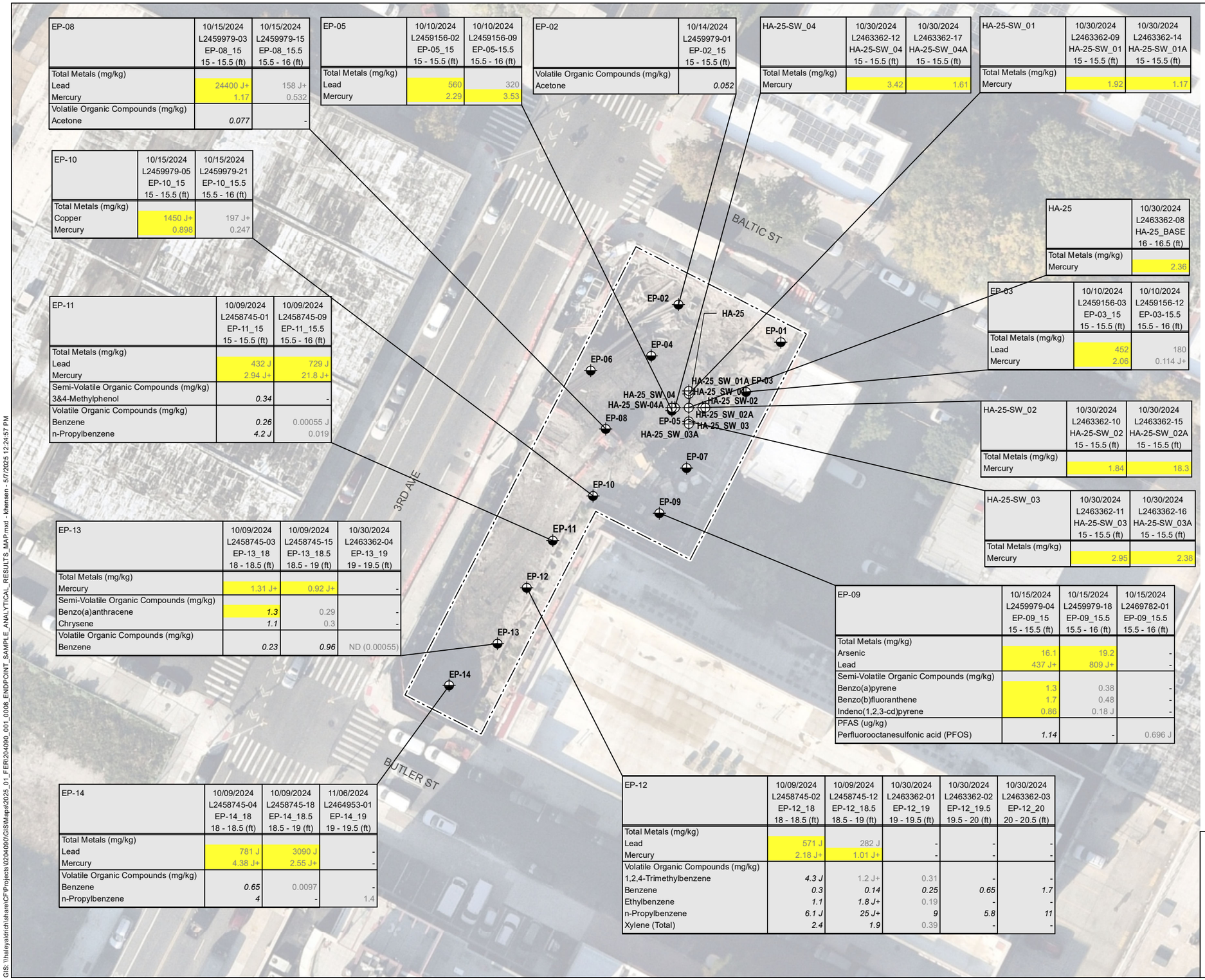
REMEDIAL INVESTIGATION WORK PLAN
556 BALTIC STREET
BROOKLYN, NEW YORK

GROUNDWATER CONTOUR MAP

JUNE 2025

FIGURE 4

GIS: \\haleyaldrich.com\share\CFI\Projects\02\04090\GIS\Maps\2023_03\204090_000_0006_GROUNDWATER_CONTOUR_MAP.mxd - khensen - 3/23/2023 6:52:17 AM



EP-08	10/15/2024 L2459979-03 EP-08_15 15 - 15.5 (ft)	10/15/2024 L2459979-15 EP-08_15.5 15.5 - 16 (ft)
Total Metals (mg/kg)		
Lead	24400 J+	158 J+
Mercury	1.17	0.532
Volatile Organic Compounds (mg/kg)		
Acetone	*0.077*	-

EP-05	10/10/2024 L2459156-02 EP-05_15 15 - 15.5 (ft)	10/10/2024 L2459156-09 EP-05-15.5 15.5 - 16 (ft)
Total Metals (mg/kg)		
Lead	560	320
Mercury	2.29	3.53

EP-02	10/14/2024 L2459979-01 EP-02_15 15 - 15.5 (ft)
Volatile Organic Compounds (mg/kg)	
Acetone	*0.052*

HA-25-SW_04	10/30/2024 L2463362-12 HA-25-SW_04 15 - 15.5 (ft)	10/30/2024 L2463362-17 HA-25-SW_04A 15 - 15.5 (ft)
Total Metals (mg/kg)		
Mercury	3.42	1.61

HA-25-SW_01	10/30/2024 L2463362-09 HA-25-SW_01 15 - 15.5 (ft)	10/30/2024 L2463362-14 HA-25-SW_01A 15 - 15.5 (ft)
Total Metals (mg/kg)		
Mercury	1.92	1.17

EP-10	10/15/2024 L2459979-05 EP-10_15 15 - 15.5 (ft)	10/15/2024 L2459979-21 EP-10_15.5 15.5 - 16 (ft)
Total Metals (mg/kg)		
Copper	1450 J+	197 J+
Mercury	0.898	0.247

HA-25	10/30/2024 L2463362-08 HA-25_BASE 16 - 16.5 (ft)
Total Metals (mg/kg)	
Mercury	2.36

EP-03	10/10/2024 L2459156-03 EP-03_15 15 - 15.5 (ft)	10/10/2024 L2459156-12 EP-03-15.5 15.5 - 16 (ft)
Total Metals (mg/kg)		
Lead	452	180
Mercury	2.06	0.114 J+

EP-11	10/09/2024 L2458745-01 EP-11_15 15 - 15.5 (ft)	10/09/2024 L2458745-09 EP-11_15.5 15.5 - 16 (ft)
Total Metals (mg/kg)		
Lead	432 J	729 J
Mercury	2.94 J+	21.8 J+
Semi-Volatile Organic Compounds (mg/kg)		
3&4-Methylphenol	*0.34*	-
Volatile Organic Compounds (mg/kg)		
Benzene	*0.26*	0.00055 J
n-Propylbenzene	*4.2 J*	0.019

HA-25-SW_02	10/30/2024 L2463362-10 HA-25-SW_02 15 - 15.5 (ft)	10/30/2024 L2463362-15 HA-25-SW_02A 15 - 15.5 (ft)
Total Metals (mg/kg)		
Mercury	1.84	18.3

HA-25-SW_03	10/30/2024 L2463362-11 HA-25-SW_03 15 - 15.5 (ft)	10/30/2024 L2463362-16 HA-25-SW_03A 15 - 15.5 (ft)
Total Metals (mg/kg)		
Mercury	2.95	2.38

EP-13	10/09/2024 L2458745-03 EP-13_18 18 - 18.5 (ft)	10/09/2024 L2458745-15 EP-13_18.5 18.5 - 19 (ft)	10/30/2024 L2463362-04 EP-13_19 19 - 19.5 (ft)
Total Metals (mg/kg)			
Mercury	1.31 J+	0.92 J+	-
Semi-Volatile Organic Compounds (mg/kg)			
Benzo(a)anthracene	*1.3*	0.29	-
Chrysene	*1.1*	0.3	-
Volatile Organic Compounds (mg/kg)			
Benzene	*0.23*	*0.96*	ND (0.00055)

EP-09	10/15/2024 L2459979-04 EP-09_15 15 - 15.5 (ft)	10/15/2024 L2459979-18 EP-09_15.5 15.5 - 16 (ft)	10/15/2024 L2469782-01 EP-09_15.5 15.5 - 16 (ft)
Total Metals (mg/kg)			
Arsenic	16.1	19.2	-
Lead	437 J+	809 J+	-
Semi-Volatile Organic Compounds (mg/kg)			
Benzo(a)pyrene	1.3	0.38	-
Benzo(b)fluoranthene	1.7	0.48	-
Indeno(1,2,3-cd)pyrene	0.86	0.18 J	-
PFAS (ug/kg)			
Perfluorooctanesulfonic acid (PFOS)	*1.14*	-	0.696 J

EP-14	10/09/2024 L2458745-04 EP-14_18 18 - 18.5 (ft)	10/09/2024 L2458745-18 EP-14_18.5 18.5 - 19 (ft)	11/06/2024 L2464953-01 EP-14_19 19 - 19.5 (ft)
Total Metals (mg/kg)			
Lead	781 J	3090 J	-
Mercury	4.38 J+	2.55 J+	-
Volatile Organic Compounds (mg/kg)			
Benzene	*0.65*	0.0097	-
n-Propylbenzene	*4*	-	1.4

EP-12	10/09/2024 L2458745-02 EP-12_18 18 - 18.5 (ft)	10/09/2024 L2458745-12 EP-12_18.5 18.5 - 19 (ft)	10/30/2024 L2463362-01 EP-12_19 19 - 19.5 (ft)	10/30/2024 L2463362-02 EP-12_19.5 19.5 - 20 (ft)	10/30/2024 L2463362-03 EP-12_20 20 - 20.5 (ft)
Total Metals (mg/kg)					
Lead	571 J	282 J	-	-	-
Mercury	2.18 J+	1.01 J+	-	-	-
Volatile Organic Compounds (mg/kg)					
1,2,4-Trimethylbenzene	*4.3 J*	1.2 J+	0.31	-	-
Benzene	*0.3*	*0.14*	*0.25*	*0.65*	*1.7*
Ethylbenzene	*1.1*	*1.8 J+*	0.19	-	-
n-Propylbenzene	*6.1 J*	*25 J+*	*9*	*5.8*	*11*
Xylene (Total)	*2.4*	*1.9*	0.39	-	-

LEGEND

- ENDPOINT BOTTOM SAMPLE
- SIDE WALL SAMPLE
- SITE BOUNDARY

Analyte	NY-RESR	*NY-PGW*	Units
Total Metals			
Arsenic	16	N/A	mg/kg
Copper	270	N/A	mg/kg
Lead	400	N/A	mg/kg
Mercury	0.81	N/A	mg/kg
Semi-Volatile Organic Compounds			
3&4-Methylphenol	100	0.33	mg/kg
Benzo(a)anthracene	1	1	mg/kg
Benzo(a)pyrene	1	N/A	mg/kg
Benzo(b)fluoranthene	1	1.7	mg/kg
Chrysene	3.9	1	mg/kg
Indeno(1,2,3-cd)pyrene	0.5	8.2	mg/kg
Volatile Organic Compounds			
1,2,4-Trimethylbenzene	52	3.6	mg/kg
Acetone	100	0.05	mg/kg
Benzene	4.8	0.06	mg/kg
Ethylbenzene	41	1	mg/kg
n-Propylbenzene	100	3.9	mg/kg
Xylene (Total)	100	1.6	mg/kg

**N/A - Not Applicable, not found in groundwater

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. CONFIRMATION SAMPLES TOWARDS AREAS OF CONTAMINATION
3. CONFIRMATION SAMPLE GRID BOUNDARIES DRAWN FOR AT LEAST ONE SAMPLE PER 900 SQUARE FEET
4. 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 RESTRICTED USE SOIL CLEANUP OBJECTIVES (SCOS) AND APPLICABLE PROTECTION OF GROUNDWATER SCOS.
5. NY-RESR = NYSDEC PART 375 RESTRICTED-RESIDENTIAL USE SCO
NY-PGW = NYSDEC PART 375 PROTECTION OF GROUNDWATER CRITERIA
6. NY-RESR = NYSDEC PART 375 RESTRICTED-RESIDENTIAL USE SCO (EXCEEDANCE SHOWN WITH YELLOW SHADING)
NY-PGW = NYSDEC PART 375 PROTECTION OF GROUNDWATER CRITERIA (EXCEEDANCES SHOWN WITH BLACK ITALIC TEXT)
7. NY-PGW CRITERIA ONLY SCREENED AGAINST ANALYTES THAT PRESENT IN GROUNDWATER.
8. RESULTS SHOWN IN MILLIGRAM PER KILOGRAM (mg/kg)
9. AERIAL IMAGERY SOURCE: NEARMAP, 11 OCTOBER 2024

N

0 40 80
SCALE IN FEET

HALEY ALDRICH

REMEDIAL INVESTIGATION WORK PLAN
556 BALTIC STREET
BROOKLYN, NEW YORK

ENDPOINT SAMPLE ANALYTICAL RESULTS MAP

JUNE 2025

FIGURE 5

APPENDIX A
Environmental Easement and Site Survey

LEGEND

PEDESTRIAN RAMP | TRAFFIC SIGN | LIGHT POLE | TRAFFIC LIGHTS | UTILITY POLE | CATCH BASIN | WATER VALVE | GAS VALVE | OIL VALVE | HYDRANT HYD. | ELECTRIC BOX | TREE PIT | SEWER MANHOLE | ELECTRIC MANHOLE | TELEPHONE MANHOLE | WATER | DRY WELL | METAL COVER | MONITORING WELL | N NORTH | S SOUTH | E EAST | W WEST | F.E. FIRE ESCAPE | W.W. WINDOW WELL | C.D. CELLAR DOOR | M.C. METAL COVER | ENTR. ENTRANCE | CONC CONCRETE | DROP CURBS | GAS MARK OUT | ELECTRIC MARK OUT

NYSDEC SITE No. C224375

CERTIFIED ONLY TO: New York State Department of Environmental Conservation

LEGAL DESCRIPTION TAX LOT 1:

ALL THAT CERTAIN PLOT, PIECE OR PARCEL OF LAND, WITH THE BUILDINGS AND IMPROVEMENTS THEREON ERECTED, SITUATE, LYING AND BEING IN THE BOROUGH OF BROOKLYN, COUNTY OF KINGS, CITY AND STATE OF NEW YORK, BOUNDED AND DESCRIBED AS FOLLOWS:

BEGINNING *AT THE CORNER FORMED BY THE INTERSECTION OF THE SOUTHERLY SIDE OF BALTIC STREET AND THE EASTERLY SIDE OF 3rd AVENUE;*

RUNNING THENCE *EASTERLY ALONG THE SAID SOUTHERLY SIDE OF BALTIC STREET, 83 FEET;*

THENCE *SOUTHERLY AND PARALLEL WITH THE EASTERLY SIDE OF 3rd AVENUE, 100 FEET;*

THENCE *WESTERLY AND PARALLEL WITH THE SOUTHERLY SIDE OF BALTIC STREET, 48 FEET;*

THENCE *SOUTHERLY AND PARALLEL WITH THE EASTERLY SIDE OF 3rd AVENUE, 100 FEET TO THE NORTHERLY SIDE OF BUTLER STREET;*

THENCE *WESTERLY ALONG THE SAID NORTHERLY SIDE OF BUTLER STREET, 35 FEET TO ITS INTERSECTION WITH THE EASTERLY SIDE OF 3rd AVENUE;*

THENCE *NORTHERLY ALONG THE SAID EASTERLY SIDE OF 3rd AVENUE, 200 FEET TO THE CORNER FIRST MENTIONED, AT THE POINT OR PLACE OF* ***BEGINNING****.*

LOT AREA = 11,799.93 SQ.FT. = 0.2709 ACRE

ENVIRONMENTAL EASEMENT LEGAL DESCRIPTION:

ALL THAT CERTAIN PLOT, PIECE OR PARCEL OF LAND, WITH THE BUILDINGS AND IMPROVEMENTS THEREON ERECTED, SITUATE, LYING AND BEING IN THE BOROUGH OF BROOKLYN, COUNTY OF KINGS, CITY AND STATE OF NEW YORK, BOUNDED AND DESCRIBED AS FOLLOWS:

BEGINNING *AT THE CORNER FORMED BY THE INTERSECTION OF THE SOUTHERLY SIDE OF BALTIC STREET AND THE EASTERLY SIDE OF 3rd AVENUE;*

RUNNING THENCE *EASTERLY ALONG THE SAID SOUTHERLY SIDE OF BALTIC STREET, 83 FEET;*

THENCE *SOUTHERLY AND PARALLEL WITH THE EASTERLY SIDE OF 3rd AVENUE, 100 FEET;*

THENCE *WESTERLY AND PARALLEL WITH THE SOUTHERLY SIDE OF BALTIC STREET, 48 FEET;*

THENCE *SOUTHERLY AND PARALLEL WITH THE EASTERLY SIDE OF 3rd AVENUE, 100 FEET TO THE NORTHERLY SIDE OF BUTLER STREET;*

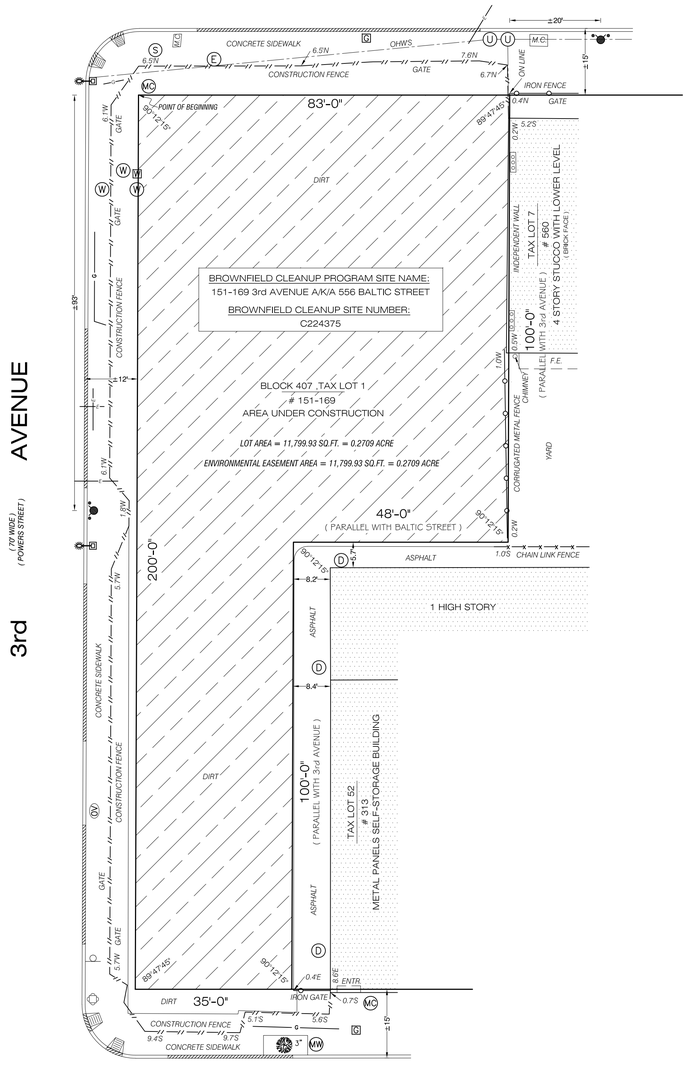
THENCE *WESTERLY ALONG THE SAID NORTHERLY SIDE OF BUTLER STREET, 35 FEET TO ITS INTERSECTION WITH THE EASTERLY SIDE OF 3rd AVENUE;*

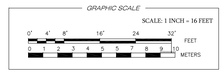
THENCE *NORTHERLY ALONG THE SAID EASTERLY SIDE OF 3rd AVENUE, 200 FEET TO THE CORNER FIRST MENTIONED, AT THE POINT OR PLACE OF* ***BEGINNING****.*

ENVIRONMENTAL EASEMENT AREA = 11,799.93 SQ.FT. = 0.2709 ACRE

NOTE:

This property is subject to an environmental easement held by the New York State Department of Environmental Conservation pursuant to Title 36 of Article 71 of the New York Environmental Conservation Law. The engineering and institutional controls for this Easement are set forth in the Site Management Plan (SMP). A copy of the SMP must be obtained by any party with an interest in the property. The SMP can be obtained from NYS Department of Environmental Conservation, Division of Environmental Remediation, Site Control Section, 625 Broadway, Albany, NY 12233 or at derweb@dec.ny.gov





PROPERTY ADDRESS
151-169 3rd AVENUE A/K/A 556 BALTIC STREET, BROOKLYN, NY 11217
CAPTION THE ENVIRONMENTAL EASEMENT SURVEY
DATE / *REVISIONS*
01-25-2024 / *THE ENVIRONMENTAL EASEMENT SURVEY*

GENERAL NOTES:

1. *THE PROFESSIONAL SURVEYING SERVICE WAS PROVIDED BY TOMASZ SUWALA LAND SURVEYING P.C.*
2. *SURVEY MAP PREPARE BY QUIVER LEAGUE*
3. *CERTIFICATION INDICATED HERON SHALL RUN ONLY TO THE PERSON FOR WHOM THE SURVEY IS PREPARED AND ON HIS BEHALF TO THE TITLE COMPANY, GOVERNMENTAL AGENCY, LENDING INSTITUTIONS AND ASSIGNEES. CERTIFICATIONS ARE NOT TRANSFERABLE.*
4. *THE EXISTENCE OF RIGHT OF WAY AND/OR EASEMENT UNDER OR ABOVE GROUND OF RECORD, IF ANY, NOT SHOWN ARE NOT CERTIFIED.*
5. *THERE WERE NO NATURAL STREAMS OR WATERCOURSES VISIBLE AT THE TIME OF THE FIELD SURVEY.*
6. *ENCROACHMENTS AND VAULTS, IF ANY, BELLOW SURFACE NOT SHOWN HERON.*
7. *THE OFFSETS SHOWN ARE NOT TO BE USED FOR CONSTRUCTION OF ANY STRUCTURE, FENCE, PERMANENT ADDITIONS, ETC.*
8. *UNAUTHORIZED ALTERATION OR ADDITION TO THIS SURVEY IS A VIOLATION OF SECTION 7209 OF NEW YORK STATE EDUCATION LAW*
9. *COPIES OF THIS SURVEY MAP NOT BEARING THE LAND SURVEYORS SEAL AND SIGNATURE SHELL NOT BE CONSIDERED TO BE A TRUE AND VALID COPY*

	DATE	BY		DATE	BY
SURVEYED	*01-25-2024*	*TW & AS*	*DRAWN*	*01-29-2024*	*BM*

ENVIRONMENTAL EASEMENT AREA ACCESS

THE DEC OR THEIR AGENT MAY ACCESS THE ENVIRONMENTAL EASEMENT AREA AS SHOWN HEREON THROUGH ANY EXISTING STREET ACCESS OR BUILDING INGRESS/EGRESS ACCESS POINT

- ENVIRONMENTAL EASEMENT AREA

STATE OF NEW YORK
TOMASZ SUWALA
LICENSED LAND SURVEYOR
01/30/24
051157

TOMASZ SUWALA, P.L.S.
NEW YORK LICENSE 051157

QUIVER BOUNDARIES

QUIVER LEAGUE
290 UNION AVENUE, BROOKLYN
NEW YORK, 11211
OFFICE TEL: (212)8979946
email: INFO@QUIVERLEAGUE.COM
WWW.QUIVERLEAGUE.COM

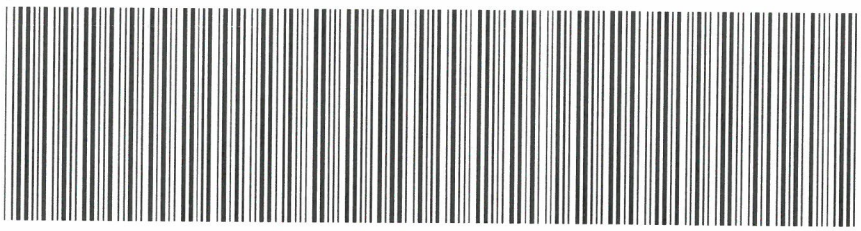
TS LAND SURVEYING PC
PO BOX 512
DEER PARK, NY 11729
OFFICE TEL: (631) 455-7255
email: INFO@TSLSPC.COM

MAP OF PROPERTY

IN THE BOROUGH OF BROOKLYN
COUNTY OF KINGS
CITY AND STATE OF NEW YORK
TAX MAP: BLOCK 407, LOT 1

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

This page is part of the instrument. The City Register will rely on the information provided by you on this page for purposes of indexing this instrument.The information on this page will control for indexing purposes in the event of any conflict with the rest of the document.



2024091800489001001EAA95

RECORDING AND ENDORSEMENT COVER PAGE **PAGE 1 OF 12**

Document ID: 2024091800489001 Document Date: 09-13-2024 Preparation Date: 09-18-2024
Document Type: EASEMENT
Document Page Count: 10

PRESENTER:
SIVE PAGET & RIESEL, P.C.
560 LEXINGTON AVENUE, 15TH FLOOR
NEW YORK, NY 10022
212-421-2150
NDUNCAN@SPRLAW.COM

RETURN TO:
SIVE PAGET & RIESEL, P.C.
560 LEXINGTON AVENUE, 15TH FLOOR
NEW YORK, NY 10022
212-421-2150
NDUNCAN@SPRLAW.COM

PROPERTY DATA

Borough	Block	Lot	Unit	Address
BROOKLYN	407	1	Entire Lot	159 3 AVENUE

Property Type: COMMERCIAL REAL ESTATE Easement

CROSS REFERENCE DATA

CRFN_____ *or* DocumentID_____ *or* _____ Year____ Reel____ Page_____ *or* File Number_____

PARTIES

GRANTOR/SELLER:
ASTI HOLDING CORP.
556 CENTRAL AVENUE
BETHPAGE, NY 11714

☒ Additional Parties Listed on Continuation Page

GRANTEE/BUYER:
PEOPLE OF NEW YORK BY DEPT. ENVIRONMENTAL CONSERVA
625 BROADWAY
ALBANY, NY 12233

FEES AND TAXES

Mortgage :		
Mortgage Amount:	$	0.00
Taxable Mortgage Amount:	$	0.00
Exemption:		
TAXES: County (Basic):	$	0.00
City (Additional):	$	0.00
Spec (Additional):	$	0.00
TASF:	$	0.00
MTA:	$	0.00
NYCTA:	$	0.00
Additional MRT:	$	0.00
TOTAL:	$	0.00
Recording Fee:	$	87.00
Affidavit Fee:	$	0.00

Filing Fee: $ 100.00
NYC Real Property Transfer Tax: $ 0.00
NYS Real Estate Transfer Tax: $ 0.00

RECORDED OR FILED IN THE OFFICE OF THE CITY REGISTER OF THE CITY OF NEW YORK
Recorded/Filed 09-18-2024 14:58
City Register File No.(CRFN): **2024000244451**

City Register Official Signature

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

2024091800489001001CA815

RECORDING AND ENDORSEMENT COVER PAGE (CONTINUATION)

Document ID: 2024091800489001 Document Date: 09-13-2024 Preparation Date: 09-18-2024
Document Type: EASEMENT

PARTIES

GRANTOR/SELLER:
159 THIRD REALTY LLC
199 LEE AVENUE SUITE 777
BROOKLYN, NY 11211

ENVIRONMENTAL EASEMENT GRANTED PURSUANT TO ARTICLE 71, TITLE 36 OF THE NEW YORK STATE ENVIRONMENTAL CONSERVATION LAW

THIS INDENTURE made this 13th day of September, 2024, between Owner, Asti Holding Corp., having an office at 556 Central Ave., County of Nassau, State of New York (the "Grantor Fee Owner") and 159 Third Realty LLC, with an address of 199 Lee Ave., Suite 777, Brooklyn, NY (the "Grantor Leaseholder;" and together with Grantor Fee Owner, collectively, the "Grantor"), and The People of the State of New York (the "Grantee"), acting through their Commissioner of the Department of Environmental Conservation (the "Commissioner", or "NYSDEC" or "Department" as the context requires) with its headquarters located at 625 Broadway, Albany, New York 12233,

WHEREAS, the Legislature of the State of New York has declared that it is in the public interest to encourage the remediation of abandoned and likely contaminated properties ("sites") that threaten the health and vitality of the communities they burden while at the same time ensuring the protection of public health and the environment; and

WHEREAS, the Legislature of the State of New York has declared that it is in the public interest to establish within the Department a statutory environmental remediation program that includes the use of Environmental Easements as an enforceable means of ensuring the performance of operation, maintenance, and/or monitoring requirements and the restriction of future uses of the land, when an environmental remediation project leaves residual contamination at levels that have been determined to be safe for a specific use, but not all uses, or which includes engineered structures that must be maintained or protected against damage to perform properly and be effective, or which requires groundwater use or soil management restrictions; and

WHEREAS, the Legislature of the State of New York has declared that Environmental Easement shall mean an interest in real property, created under and subject to the provisions of Article 71, Title 36 of the New York State Environmental Conservation Law ("ECL") which contains a use restriction and/or a prohibition on the use of land in a manner inconsistent with engineering controls which are intended to ensure the long term effectiveness of a site remedial program or eliminate potential exposure pathways to hazardous waste or petroleum; and

WHEREAS, Grantor Fee Owner, is the owner of real property located at the address of 151-169 Third Avenue a/k/a 556 Baltic Street in the City of New York, County of Kings and State of New York, known and designated on the tax map of the New York City Department of Finance as tax map parcel number: Block 407 Lot 1, being the same as that property conveyed to Grantor Fee Owner by deed dated December 17, 1985 and recorded in the City Register of the City of New York in Book and Page No. 1758/1165. The property subject to this Environmental Easement (the "Controlled Property") comprises approximately 0.2709 +/- acres, and is hereinafter more fully described in the Land Title Survey dated January 25, 2024 prepared by Tomasz Suwala, which will be attached to the Site Management Plan. The Controlled Property description is set forth in and attached hereto as Schedule A; and

WHEREAS, the Department accepts this Environmental Easement in order to ensure the protection of public health and the environment and to achieve the requirements for remediation

established for the Controlled Property until such time as this Environmental Easement is extinguished pursuant to ECL Article 71, Title 36; and

WHEREAS, Grantor Leaseholder, is the holder of a 99-year ground lease interest in the Controlled Property, as memorialized in a Memorandum of Ground Lease dated May 2, 2022 and recorded in the City Register of the City of New York on May 18, 2022 as CRFN # 2022000204267; and

NOW THEREFORE, in consideration of the mutual covenants contained herein and the terms and conditions of Brownfield Cleanup Agreement Index Number: C224375-11-22, Grantor conveys to Grantee a permanent Environmental Easement pursuant to ECL Article 71, Title 36 in, on, over, under, and upon the Controlled Property as more fully described herein ("Environmental Easement").

1. Purposes. Grantor and Grantee acknowledge that the Purposes of this Environmental Easement are: to convey to Grantee real property rights and interests that will run with the land in perpetuity in order to provide an effective and enforceable means of encouraging the reuse and redevelopment of this Controlled Property at a level that has been determined to be safe for a specific use while ensuring the performance of operation, maintenance, and/or monitoring requirements; and to ensure the restriction of future uses of the land that are inconsistent with the above-stated purpose.

2. Institutional and Engineering Controls. The controls and requirements listed in the Department approved Site Management Plan ("SMP") including any and all Department approved amendments to the SMP are incorporated into and made part of this Environmental Easement. These controls and requirements apply to the use of the Controlled Property, run with the land, are binding on the Grantor and the Grantor's successors and assigns, and are enforceable in law or equity against any owner of the Controlled Property, any lessees and any person using the Controlled Property.

A. (1) The Controlled Property may be used for:

Restricted Residential as described in 6 NYCRR Part 375-1.8(g)(2)(ii), Commercial as described in 6 NYCRR Part 375-1.8(g)(2)(iii) and Industrial as described in 6 NYCRR Part 375-1.8(g)(2)(iv)

(2) All Engineering Controls must be operated and maintained as specified in the Site Management Plan (SMP);

(3) All Engineering Controls must be inspected at a frequency and in a manner defined in the SMP;

(4) The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the NYSDOH or the New York City Department of Health and Mental Hygiene to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the Department;

(5) Groundwater and other environmental or public health monitoring must be performed as defined in the SMP;

(6) Data and information pertinent to Site Management of the Controlled Property must be reported at the frequency and in a manner defined in the SMP;

(7) All future activities on the property that will disturb remaining contaminated material must be conducted in accordance with the SMP;

(8) Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in the SMP;

(9) Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical components of the remedy shall be performed as defined in the SMP;

(10) Access to the site must be provided to agents, employees or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by this Environmental Easement.

B. The Controlled Property shall not be used for Residential purposes as defined in 6NYCRR 375-1.8(g)(2)(i), and the above-stated engineering controls may not be discontinued without an amendment or extinguishment of this Environmental Easement.

C. The SMP describes obligations that the Grantor assumes on behalf of Grantor, its successors and assigns. The Grantor's assumption of the obligations contained in the SMP which may include sampling, monitoring, and/or operating a treatment system, and providing certified reports to the NYSDEC, is and remains a fundamental element of the Department's determination that the Controlled Property is safe for a specific use, but not all uses. The SMP may be modified in accordance with the Department's statutory and regulatory authority. The Grantor and all successors and assigns, assume the burden of complying with the SMP and obtaining an up-to-date version of the SMP from:

Site Control Section
Division of Environmental Remediation
NYSDEC
625 Broadway
Albany, New York 12233
Phone: (518) 402-9553

D. Grantor must provide all persons who acquire any interest in the Controlled Property a true and complete copy of the SMP that the Department approves for the Controlled Property and all Department-approved amendments to that SMP.

E. Grantor covenants and agrees that until such time as the Environmental Easement is extinguished in accordance with the requirements of ECL Article 71, Title 36 of the ECL, the property deed and all subsequent instruments of conveyance relating to the Controlled Property shall state in at least fifteen-point bold-faced type:

This property is subject to an Environmental Easement held by the New York State Department of Environmental Conservation pursuant to Title 36 of Article 71 of the Environmental Conservation Law.

F. Grantor covenants and agrees that this Environmental Easement shall be incorporated in full or by reference in any leases, licenses, or other instruments granting a right to use the Controlled Property.

G. Grantor covenants and agrees that it shall, at such time as NYSDEC may require, submit to NYSDEC a written statement by an expert the NYSDEC may find acceptable certifying under penalty of perjury, in such form and manner as the Department may require, that:

(1) the inspection of the site to confirm the effectiveness of the institutional and engineering controls required by the remedial program was performed under the direction of the individual set forth at 6 NYCRR Part 375-1.8(h)(3).

(2) the institutional controls and/or engineering controls employed at such site:

(i) are in-place;

(ii) are unchanged from the previous certification, or that any identified changes to the controls employed were approved by the NYSDEC and that all controls are in the Department-approved format; and

(iii) that nothing has occurred that would impair the ability of such control to protect the public health and environment;

(3) the owner will continue to allow access to such real property to evaluate the continued maintenance of such controls;

(4) nothing has occurred that would constitute a violation or failure to comply with any site management plan for such controls;

(5) the report and all attachments were prepared under the direction of, and reviewed by, the party making the certification;

(6) to the best of his/her knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and

(7) the information presented is accurate and complete.

3. Right to Enter and Inspect. Grantee, its agents, employees, or other representatives of the State may enter and inspect the Controlled Property in a reasonable manner and at reasonable times to assure compliance with the above-stated restrictions.

4. Reserved Grantor's Rights. Grantor reserves for itself, its assigns, representatives, and successors in interest with respect to the Property, all rights as fee owner of the Property, including:

A. Use of the Controlled Property for all purposes not inconsistent with, or limited by the terms of this Environmental Easement;

B. The right to give, sell, assign, or otherwise transfer part or all of the underlying fee interest to the Controlled Property, subject and subordinate to this Environmental Easement;

5. Enforcement

A. This Environmental Easement is enforceable in law or equity in perpetuity by Grantor, Grantee, or any affected local government, as defined in ECL Section 71-3603, against the owner of the Property, any lessees, and any person using the land, unless extinguished under Section 9 of this agreement. Enforcement shall not be defeated because of any subsequent adverse possession, laches, estoppel, or waiver. It is not a defense in any action to enforce this Environmental Easement that: it is not appurtenant to an interest in real property; it is not of a character that has been recognized traditionally at common law; it imposes a negative burden; it imposes affirmative obligations upon the owner of any interest in the burdened property; the benefit does not touch or concern real property; there is no privity of estate or of contract; or it imposes an unreasonable restraint on alienation.

B. If any person violates this Environmental Easement, the Grantee may revoke the Certificate of Completion with respect to the Controlled Property, subject to compliance with 5(C) below.

C. Grantee shall notify Grantor of a breach or suspected breach of any of the terms of this Environmental Easement. Such notice shall set forth how Grantor can cure such breach or suspected breach and give Grantor a reasonable amount of time from the date of receipt of notice in which to cure. At the expiration of such period of time to cure, or any extensions granted by Grantee, the Grantee shall notify Grantor of any failure to adequately cure the breach or suspected breach, and Grantee may take any other appropriate action reasonably necessary to remedy any breach of this Environmental Easement, including the commencement of any proceedings in accordance with applicable law.

D. The failure of Grantee to enforce any of the terms contained herein shall not be deemed a waiver of any such term nor bar any enforcement rights.

6. Notice. Whenever notice to the Grantee (other than the annual certification) or approval from the Grantee is required, the Party providing such notice or seeking such approval shall identify the Controlled Property by referencing the following information:

County, NYSDEC Site Number, NYSDEC Brownfield Cleanup Agreement, State Assistance Contract or Order Number, and the County tax map number or the Liber and Page or computerized system identification number.

Parties shall address correspondence to:

Site Number: C224375
Office of General Counsel
NYSDEC
625 Broadway
Albany New York 12233-5500

With a copy to:

Site Control Section
Division of Environmental Remediation
NYSDEC

625 Broadway
Albany, NY 12233

All notices and correspondence shall be delivered by hand, by registered mail or by Certified mail and return receipt requested. The Parties may provide for other means of receiving and communicating notices and responses to requests for approval.

7. Recordation. Grantor shall record this instrument, within thirty (30) days of execution of this instrument by the Commissioner or her/his authorized representative in the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

8. Amendment. Any amendment to this Environmental Easement may only be executed by the Commissioner of the New York State Department of Environmental Conservation or the Commissioner's Designee and the property owner, and filed with the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

9. Extinguishment. This Environmental Easement may be extinguished only by a release by the Commissioner of the New York State Department of Environmental Conservation, or the Commissioner's Designee, and filed with the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

10. Joint Obligation. If there are two or more parties identified as Grantor herein, the obligations imposed by this instrument upon them shall be joint and several.

11. Consistency with the SMP. To the extent there is any conflict or inconsistency between the terms of this Environmental Easement and the SMP, regarding matters specifically addressed by the SMP, the terms of the SMP will control.

Remainder of Page Intentionally Left Blank

IN WITNESS WHEREOF, Grantor Fee Owner has caused this instrument to be signed in its name.

Asti Holding Corp.:

By: _____

Print Name: George J. Macchia

Title: Secretary Date: 8/15/2024

Grantor's Acknowledgment

STATE OF NEW YORK)
) ss:
COUNTY OF NASSAU)

On the 15 day of August, in the year 2024, before me, the undersigned, personally appeared George J. Macchia, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

_____
Notary Public - State of New York

RICHARD L. HEGLER
NOTARY PUBLIC-STATE OF NEW YORK
No. 01HE6181243
Qualified in Nassau County
My Commission Expires January 28th, 2028

IN WITNESS WHEREOF, Grantor Leaseholder has caused this instrument to be signed in its name.

159 Third Realty LLC:

By: _____

Print Name: Simon Kaufman

Title: AUTHORIZED SIGNATORY Date: JULY 7 2024

Grantor's Acknowledgment

STATE OF NEW YORK)
) ss:
COUNTY OF Kings)

On the 15 day of July, in the year 2024, before me, the undersigned, personally appeared Simon Kaufman, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

_____
Notary Public - State of New York

MOSES POLLAK
NOTARY PUBLIC, State of New York
No. 01-PO6434256
Qualified in Kings County
Commission Expires 06/06/2026

THIS ENVIRONMENTAL EASEMENT IS HEREBY ACCEPTED BY THE PEOPLE OF THE STATE OF NEW YORK, Acting by and Through the Department of Environmental Conservation as Designee of the Commissioner,

By: _____
Andrew O. Guglielmi, Director
Division of Environmental Remediation

Grantee's Acknowledgment

STATE OF NEW YORK)
) ss:
COUNTY OF ALBANY)

On the 13 day of September in the year 2024 before me, the undersigned, personally appeared Andrew O. Guglielmi, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/ executed the same in his/her/ capacity as Designee of the Commissioner of the State of New York Department of Environmental Conservation, and that by his/her/ signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

_____
Notary Public - State of New York

Cheryl A. Salem
Notary Public State of New York
Registration No. 01SA0002177
Qualified in Albany County
My Commission Expires March 3, 2027

SCHEDULE "A" PROPERTY DESCRIPTION

All that certain plot, piece or parcel of land, with the buildings and improvements thereon erected situate, lying and being in the Borough of Brooklyn, County of Kings, City and State of New York, bounded and describes as follows:

BEGINNING at the corner formed by the intersection of the southerly side of Baltic Street and the Easterly side of 3rd Avenue;

RUNNING THENCE Easterly along the said southerly side of Baltic Street, 83 feet;

THENCE, Southerly and parallel with the Easterly side of3rd Avenue, 100 feet;

THENCE Westerly and parallel with the Southerly side of Baltic Street 48 feet;

THENCE Southerly and parallel with the Easterly side of 3rd Avenue, 100 feet to the Northerly side of Butler street;

THENCE Westerly along the said Northerly side of Butler Street 35 feet to its intersection with the Easterly side of 3rd Avenue;

THENCE Northerly along the said Easterly side of3rd Avenue, 200 feet to the comer first mentioned, at the point or place of BEGINNING.

FOR INFORMATION ONLY:
Premises being known as and by 151/169 3rd Avenue, Brooklyn, New York
Block: 407; Lot: 1

ATTORNEY AFFIDAVIT OF MAILING

STATE OF NEW YORK)
) ss:
COUNTY OF NEW YORK)

Joyce E. Kung, an attorney at law duly admitted to practice before the Courts of New York State, hereby swear upon penalty of perjury:

1. I am a principal with the law firm of Sive, Paget & Riesel, P.C., attorneys for 159 Third Realty LLC, in relation to the Brownfield Cleanup Program DEC Site No. C224375.

2. Attached to this affidavit are true and correct copies of the following:
   a. Certified Mail Receipt for the mailing of the Notice to Municipality;
   b. Notice to Municipality, enclosing the Recorded Environmental Easement, as recorded in the Office of the City Register of the City of New York on September 18, 2024, with City Register File No. 2024000244451.

3. On the 18th day of September 2024, I caused to be mailed via Certified Mail, Return Receipt Requested, the aforementioned Notice to Municipality, enclosing the Recorded Environmental Easement, enclosed and properly sealed in an envelope, which was deposited in an official depository under the exclusive care and custody of the United States Postal Services within the State of New York addressed to:

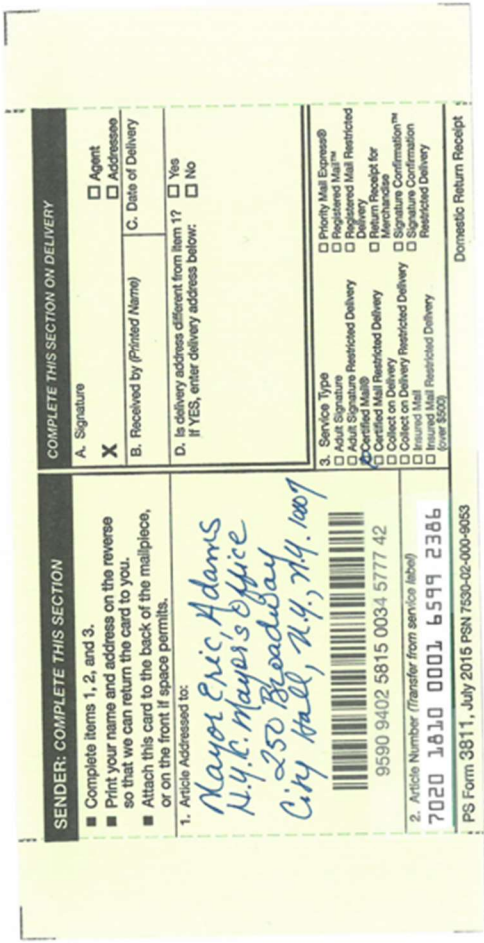
Mayor Eric Adams
New York City Mayor's Office
250 Broadway
City Hall
New York, NY 10007

Joyce E. Kung

Sworn to me this
19th day of September 2024

Notary Public

LIA OJEDA
Notary Public - State of New York
No. 01OJ6442038
Qualified in New York County
My Commission Expires 10/11/2026



SIVE, PAGET & RIESEL P.C.

560 Lexington Avenue, 15th Fl.
New York, New York 10022

TO:

VIA CERTIFIED MAIL
Mayor Eric Adams
New York City Mayor's Office
250 Broadway
City Hall
New York, NY 10007

JOYCE E. KUNG
DIRECT DIAL: 646.378.7288
JKUNG@SPRLAW.COM

September 18, 2024

VIA CERTIFIED MAIL

Mayor Eric Adams
City Hall
New York, NY 10007

Re: Notice of Environmental Easement:
556 Baltic Street Site, Brooklyn
Block 470, Lot 1
DEC Site No. C224375

Dear Mayor Eric Adams,

Attached please find a copy of an Environmental Easement granted to the New York State Department of Environmental Conservation ("Department") on September 13, 2024, by ASTI Holdings Corp. and 159 Third Realty LLC (together, "Grantor") for property located at 151-169 Third Avenue a/k/a 556 Baltic Street, Brooklyn, Block 470, Lot 1, known as DEC Site No. C224375 and by the DEC site name, 556 Baltic Street Site.

This Environmental Easement restricts future use of the above referenced property to restricted residential, commercial, and industrial uses (subject to applicable zoning). Any on-site activity must be done in accordance with the Environmental Easement and Site Management Plan, which is incorporated into the Environmental Easement. Department approval is also required prior to any groundwater use. Article 71, Section 71-3607 of the New York State Environmental Conservation Law requires that:

1. Whenever the Department is granted an Environmental Easement, it shall provide each affected local government with a copy of such Easement and shall also provide a copy of any documents modifying or terminating such Environmental Easement.

2. Whenever an affected local government receives an application for a building permit or any other application affecting land use or development of land that is subject to an Environmental Easement and that may relate to or impact such Easement, the affected local government shall notify the Department and refer such application to the Department. The Department shall evaluate whether the application is consistent with the Environmental Easement, and shall notify the affected local government of its determination in a timely fashion, considering the

time frame for the local government's review of the application. The affected local government shall not approve the application until it receives formal approval from the Department.

An electronic version of every Environmental Easement that has been accepted by the Department is available to the public at: http://www.dec.ny.gov/chemical/36045.html. Please forward this notice to your Building and/or Planning Departments, as applicable, to ensure your compliance with the provisions of the New York State Environmental Conservation Law. If you have any questions or comments regarding this matter, please do not hesitate to contact me.

Best regards,

Joyce E. Kung

Enclosure

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

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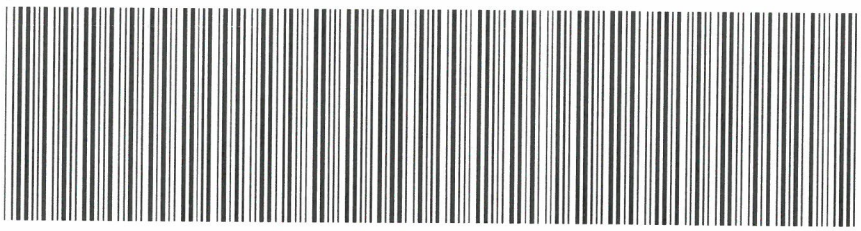

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RECORDING AND ENDORSEMENT COVER PAGE **PAGE 1 OF 12**

Document ID: 2024091800489001 Document Date: 09-13-2024 Preparation Date: 09-18-2024
Document Type: EASEMENT
Document Page Count: 10

PRESENTER:
SIVE PAGET & RIESEL, P.C.
560 LEXINGTON AVENUE, 15TH FLOOR
NEW YORK, NY 10022
212-421-2150
NDUNCAN@SPRLAW.COM

RETURN TO:
SIVE PAGET & RIESEL, P.C.
560 LEXINGTON AVENUE, 15TH FLOOR
NEW YORK, NY 10022
212-421-2150
NDUNCAN@SPRLAW.COM

PROPERTY DATA

Borough	Block	Lot	Unit	Address
BROOKLYN	407	1	Entire Lot	159 3 AVENUE

Property Type: COMMERCIAL REAL ESTATE Easement

CROSS REFERENCE DATA

CRFN_____ *or* DocumentID_____ *or* _____ Year____ Reel____ Page_____ *or* File Number_____

PARTIES

GRANTOR/SELLER:
ASTI HOLDING CORP.
556 CENTRAL AVENUE
BETHPAGE, NY 11714

☒ Additional Parties Listed on Continuation Page

GRANTEE/BUYER:
PEOPLE OF NEW YORK BY DEPT. ENVIRONMENTAL CONSERVA
625 BROADWAY
ALBANY, NY 12233

FEES AND TAXES

Mortgage :		
Mortgage Amount:	$	0.00
Taxable Mortgage Amount:	$	0.00
Exemption:		
TAXES: County (Basic):	$	0.00
City (Additional):	$	0.00
Spec (Additional):	$	0.00
TASF:	$	0.00
MTA:	$	0.00
NYCTA:	$	0.00
Additional MRT:	$	0.00
TOTAL:	$	0.00
Recording Fee:	$	87.00
Affidavit Fee:	$	0.00

Filing Fee: $ 100.00
NYC Real Property Transfer Tax: $ 0.00
NYS Real Estate Transfer Tax: $ 0.00

RECORDED OR FILED IN THE OFFICE OF THE CITY REGISTER OF THE CITY OF NEW YORK
Recorded/Filed 09-18-2024 14:58
City Register File No.(CRFN): **2024000244451**

City Register Official Signature

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

2024091800489001001CA815

RECORDING AND ENDORSEMENT COVER PAGE (CONTINUATION)

Document ID: 2024091800489001 Document Date: 09-13-2024 Preparation Date: 09-18-2024
Document Type: EASEMENT

PARTIES

GRANTOR/SELLER:
159 THIRD REALTY LLC
199 LEE AVENUE SUITE 777
BROOKLYN, NY 11211

ENVIRONMENTAL EASEMENT GRANTED PURSUANT TO ARTICLE 71, TITLE 36 OF THE NEW YORK STATE ENVIRONMENTAL CONSERVATION LAW

THIS INDENTURE made this 13th day of September, 2024, between Owner, Asti Holding Corp., having an office at 556 Central Ave., County of Nassau, State of New York (the "Grantor Fee Owner") and 159 Third Realty LLC, with an address of 199 Lee Ave., Suite 777, Brooklyn, NY (the "Grantor Leaseholder;" and together with Grantor Fee Owner, collectively, the "Grantor"), and The People of the State of New York (the "Grantee"), acting through their Commissioner of the Department of Environmental Conservation (the "Commissioner", or "NYSDEC" or "Department" as the context requires) with its headquarters located at 625 Broadway, Albany, New York 12233,

WHEREAS, the Legislature of the State of New York has declared that it is in the public interest to encourage the remediation of abandoned and likely contaminated properties ("sites") that threaten the health and vitality of the communities they burden while at the same time ensuring the protection of public health and the environment; and

WHEREAS, the Legislature of the State of New York has declared that it is in the public interest to establish within the Department a statutory environmental remediation program that includes the use of Environmental Easements as an enforceable means of ensuring the performance of operation, maintenance, and/or monitoring requirements and the restriction of future uses of the land, when an environmental remediation project leaves residual contamination at levels that have been determined to be safe for a specific use, but not all uses, or which includes engineered structures that must be maintained or protected against damage to perform properly and be effective, or which requires groundwater use or soil management restrictions; and

WHEREAS, the Legislature of the State of New York has declared that Environmental Easement shall mean an interest in real property, created under and subject to the provisions of Article 71, Title 36 of the New York State Environmental Conservation Law ("ECL") which contains a use restriction and/or a prohibition on the use of land in a manner inconsistent with engineering controls which are intended to ensure the long term effectiveness of a site remedial program or eliminate potential exposure pathways to hazardous waste or petroleum; and

WHEREAS, Grantor Fee Owner, is the owner of real property located at the address of 151-169 Third Avenue a/k/a 556 Baltic Street in the City of New York, County of Kings and State of New York, known and designated on the tax map of the New York City Department of Finance as tax map parcel number: Block 407 Lot 1, being the same as that property conveyed to Grantor Fee Owner by deed dated December 17, 1985 and recorded in the City Register of the City of New York in Book and Page No. 1758/1165. The property subject to this Environmental Easement (the "Controlled Property") comprises approximately 0.2709 +/- acres, and is hereinafter more fully described in the Land Title Survey dated January 25, 2024 prepared by Tomasz Suwala, which will be attached to the Site Management Plan. The Controlled Property description is set forth in and attached hereto as Schedule A; and

WHEREAS, the Department accepts this Environmental Easement in order to ensure the protection of public health and the environment and to achieve the requirements for remediation

established for the Controlled Property until such time as this Environmental Easement is extinguished pursuant to ECL Article 71, Title 36; and

WHEREAS, Grantor Leaseholder, is the holder of a 99-year ground lease interest in the Controlled Property, as memorialized in a Memorandum of Ground Lease dated May 2, 2022 and recorded in the City Register of the City of New York on May 18, 2022 as CRFN # 2022000204267; and

NOW THEREFORE, in consideration of the mutual covenants contained herein and the terms and conditions of Brownfield Cleanup Agreement Index Number: C224375-11-22, Grantor conveys to Grantee a permanent Environmental Easement pursuant to ECL Article 71, Title 36 in, on, over, under, and upon the Controlled Property as more fully described herein ("Environmental Easement").

1. Purposes. Grantor and Grantee acknowledge that the Purposes of this Environmental Easement are: to convey to Grantee real property rights and interests that will run with the land in perpetuity in order to provide an effective and enforceable means of encouraging the reuse and redevelopment of this Controlled Property at a level that has been determined to be safe for a specific use while ensuring the performance of operation, maintenance, and/or monitoring requirements; and to ensure the restriction of future uses of the land that are inconsistent with the above-stated purpose.

2. Institutional and Engineering Controls. The controls and requirements listed in the Department approved Site Management Plan ("SMP") including any and all Department approved amendments to the SMP are incorporated into and made part of this Environmental Easement. These controls and requirements apply to the use of the Controlled Property, run with the land, are binding on the Grantor and the Grantor's successors and assigns, and are enforceable in law or equity against any owner of the Controlled Property, any lessees and any person using the Controlled Property.

A. (1) The Controlled Property may be used for:

Restricted Residential as described in 6 NYCRR Part 375-1.8(g)(2)(ii), Commercial as described in 6 NYCRR Part 375-1.8(g)(2)(iii) and Industrial as described in 6 NYCRR Part 375-1.8(g)(2)(iv)

(2) All Engineering Controls must be operated and maintained as specified in the Site Management Plan (SMP);

(3) All Engineering Controls must be inspected at a frequency and in a manner defined in the SMP;

(4) The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the NYSDOH or the New York City Department of Health and Mental Hygiene to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the Department;

(5) Groundwater and other environmental or public health monitoring must be performed as defined in the SMP;

(6) Data and information pertinent to Site Management of the Controlled Property must be reported at the frequency and in a manner defined in the SMP;

(7) All future activities on the property that will disturb remaining contaminated material must be conducted in accordance with the SMP;

(8) Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in the SMP;

(9) Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical components of the remedy shall be performed as defined in the SMP;

(10) Access to the site must be provided to agents, employees or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by this Environmental Easement.

B. The Controlled Property shall not be used for Residential purposes as defined in 6NYCRR 375-1.8(g)(2)(i), and the above-stated engineering controls may not be discontinued without an amendment or extinguishment of this Environmental Easement.

C. The SMP describes obligations that the Grantor assumes on behalf of Grantor, its successors and assigns. The Grantor's assumption of the obligations contained in the SMP which may include sampling, monitoring, and/or operating a treatment system, and providing certified reports to the NYSDEC, is and remains a fundamental element of the Department's determination that the Controlled Property is safe for a specific use, but not all uses. The SMP may be modified in accordance with the Department's statutory and regulatory authority. The Grantor and all successors and assigns, assume the burden of complying with the SMP and obtaining an up-to-date version of the SMP from:

Site Control Section
Division of Environmental Remediation
NYSDEC
625 Broadway
Albany, New York 12233
Phone: (518) 402-9553

D. Grantor must provide all persons who acquire any interest in the Controlled Property a true and complete copy of the SMP that the Department approves for the Controlled Property and all Department-approved amendments to that SMP.

E. Grantor covenants and agrees that until such time as the Environmental Easement is extinguished in accordance with the requirements of ECL Article 71, Title 36 of the ECL, the property deed and all subsequent instruments of conveyance relating to the Controlled Property shall state in at least fifteen-point bold-faced type:

This property is subject to an Environmental Easement held by the New York State Department of Environmental Conservation pursuant to Title 36 of Article 71 of the Environmental Conservation Law.

F. Grantor covenants and agrees that this Environmental Easement shall be incorporated in full or by reference in any leases, licenses, or other instruments granting a right to use the Controlled Property.

G. Grantor covenants and agrees that it shall, at such time as NYSDEC may require, submit to NYSDEC a written statement by an expert the NYSDEC may find acceptable certifying under penalty of perjury, in such form and manner as the Department may require, that:

(1) the inspection of the site to confirm the effectiveness of the institutional and engineering controls required by the remedial program was performed under the direction of the individual set forth at 6 NYCRR Part 375-1.8(h)(3).

(2) the institutional controls and/or engineering controls employed at such site:

(i) are in-place;

(ii) are unchanged from the previous certification, or that any identified changes to the controls employed were approved by the NYSDEC and that all controls are in the Department-approved format; and

(iii) that nothing has occurred that would impair the ability of such control to protect the public health and environment;

(3) the owner will continue to allow access to such real property to evaluate the continued maintenance of such controls;

(4) nothing has occurred that would constitute a violation or failure to comply with any site management plan for such controls;

(5) the report and all attachments were prepared under the direction of, and reviewed by, the party making the certification;

(6) to the best of his/her knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and

(7) the information presented is accurate and complete.

3. Right to Enter and Inspect. Grantee, its agents, employees, or other representatives of the State may enter and inspect the Controlled Property in a reasonable manner and at reasonable times to assure compliance with the above-stated restrictions.

4. Reserved Grantor's Rights. Grantor reserves for itself, its assigns, representatives, and successors in interest with respect to the Property, all rights as fee owner of the Property, including:

A. Use of the Controlled Property for all purposes not inconsistent with, or limited by the terms of this Environmental Easement;

B. The right to give, sell, assign, or otherwise transfer part or all of the underlying fee interest to the Controlled Property, subject and subordinate to this Environmental Easement;

5. Enforcement

A. This Environmental Easement is enforceable in law or equity in perpetuity by Grantor, Grantee, or any affected local government, as defined in ECL Section 71-3603, against the owner of the Property, any lessees, and any person using the land, unless extinguished under Section 9 of this agreement. Enforcement shall not be defeated because of any subsequent adverse possession, laches, estoppel, or waiver. It is not a defense in any action to enforce this Environmental Easement that: it is not appurtenant to an interest in real property; it is not of a character that has been recognized traditionally at common law; it imposes a negative burden; it imposes affirmative obligations upon the owner of any interest in the burdened property; the benefit does not touch or concern real property; there is no privity of estate or of contract; or it imposes an unreasonable restraint on alienation.

B. If any person violates this Environmental Easement, the Grantee may revoke the Certificate of Completion with respect to the Controlled Property, subject to compliance with 5(C) below.

C. Grantee shall notify Grantor of a breach or suspected breach of any of the terms of this Environmental Easement. Such notice shall set forth how Grantor can cure such breach or suspected breach and give Grantor a reasonable amount of time from the date of receipt of notice in which to cure. At the expiration of such period of time to cure, or any extensions granted by Grantee, the Grantee shall notify Grantor of any failure to adequately cure the breach or suspected breach, and Grantee may take any other appropriate action reasonably necessary to remedy any breach of this Environmental Easement, including the commencement of any proceedings in accordance with applicable law.

D. The failure of Grantee to enforce any of the terms contained herein shall not be deemed a waiver of any such term nor bar any enforcement rights.

6. Notice. Whenever notice to the Grantee (other than the annual certification) or approval from the Grantee is required, the Party providing such notice or seeking such approval shall identify the Controlled Property by referencing the following information:

County, NYSDEC Site Number, NYSDEC Brownfield Cleanup Agreement, State Assistance Contract or Order Number, and the County tax map number or the Liber and Page or computerized system identification number.

Parties shall address correspondence to:

Site Number: C224375
Office of General Counsel
NYSDEC
625 Broadway
Albany New York 12233-5500

With a copy to:

Site Control Section
Division of Environmental Remediation
NYSDEC

625 Broadway
Albany, NY 12233

All notices and correspondence shall be delivered by hand, by registered mail or by Certified mail and return receipt requested. The Parties may provide for other means of receiving and communicating notices and responses to requests for approval.

7. Recordation. Grantor shall record this instrument, within thirty (30) days of execution of this instrument by the Commissioner or her/his authorized representative in the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

8. Amendment. Any amendment to this Environmental Easement may only be executed by the Commissioner of the New York State Department of Environmental Conservation or the Commissioner's Designee and the property owner, and filed with the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

9. Extinguishment. This Environmental Easement may be extinguished only by a release by the Commissioner of the New York State Department of Environmental Conservation, or the Commissioner's Designee, and filed with the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

10. Joint Obligation. If there are two or more parties identified as Grantor herein, the obligations imposed by this instrument upon them shall be joint and several.

11. Consistency with the SMP. To the extent there is any conflict or inconsistency between the terms of this Environmental Easement and the SMP, regarding matters specifically addressed by the SMP, the terms of the SMP will control.

Remainder of Page Intentionally Left Blank

IN WITNESS WHEREOF, Grantor Fee Owner has caused this instrument to be signed in its name.

Asti Holding Corp.:

By: _____

Print Name: George J. Macchia

Title: Secretary Date: 8/15/2024

Grantor's Acknowledgment

STATE OF NEW YORK)
) ss:
COUNTY OF NASSAU)

On the 15 day of August, in the year 2024, before me, the undersigned, personally appeared George J. Macchia, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

_____
Notary Public - State of New York

RICHARD L. HEGLER
NOTARY PUBLIC-STATE OF NEW YORK
No. 01HE6181243
Qualified in Nassau County
My Commission Expires January 28th, 2028

IN WITNESS WHEREOF, Grantor Leaseholder has caused this instrument to be signed in its name.

159 Third Realty LLC:

By: _____

Print Name: Simon Kaufman

Title: AUTHORIZED SIGNATORY Date: JULY 7 2024

Grantor's Acknowledgment

STATE OF NEW YORK)
) ss:
COUNTY OF Kings)

On the 15 day of July, in the year 2024, before me, the undersigned, personally appeared Simon Kaufman, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

_____
Notary Public - State of New York

MOSES POLLAK
NOTARY PUBLIC, State of New York
No. 01-PO6434256
Qualified in Kings County
Commission Expires 06/06/2026

THIS ENVIRONMENTAL EASEMENT IS HEREBY ACCEPTED BY THE PEOPLE OF THE STATE OF NEW YORK, Acting by and Through the Department of Environmental Conservation as Designee of the Commissioner,

By: _____
Andrew O. Guglielmi, Director
Division of Environmental Remediation

Grantee's Acknowledgment

STATE OF NEW YORK)
) ss:
COUNTY OF ALBANY)

On the 13 day of September in the year 2024 before me, the undersigned, personally appeared Andrew O. Guglielmi, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/ executed the same in his/her/ capacity as Designee of the Commissioner of the State of New York Department of Environmental Conservation, and that by his/her/ signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

_____
Notary Public - State of New York

Cheryl A. Salem
Notary Public State of New York
Registration No. 01SA0002177
Qualified in Albany County
My Commission Expires March 3, 2027

SCHEDULE "A" PROPERTY DESCRIPTION

All that certain plot, piece or parcel of land, with the buildings and improvements thereon erected situate, lying and being in the Borough of Brooklyn, County of Kings, City and State of New York, bounded and describes as follows:

BEGINNING at the corner formed by the intersection of the southerly side of Baltic Street and the Easterly side of 3rd Avenue;

RUNNING THENCE Easterly along the said southerly side of Baltic Street, 83 feet;

THENCE, Southerly and parallel with the Easterly side of3rd Avenue, 100 feet;

THENCE Westerly and parallel with the Southerly side of Baltic Street 48 feet;

THENCE Southerly and parallel with the Easterly side of 3rd Avenue, 100 feet to the Northerly side of Butler street;

THENCE Westerly along the said Northerly side of Butler Street 35 feet to its intersection with the Easterly side of 3rd Avenue;

THENCE Northerly along the said Easterly side of3rd Avenue, 200 feet to the comer first mentioned, at the point or place of BEGINNING.

FOR INFORMATION ONLY:
Premises being known as and by 151/169 3rd Avenue, Brooklyn, New York
Block: 407; Lot: 1

APPENDIX B
Site Contact List

SITE CONTACT LIST

556 Baltic Street Redevelopment Site
556 Baltic Street
Brooklyn, New York

Company	Contact Name	Role	Contact Number	Contact Email
H & A of New York Engineering and Geology, LLP	Mari Cate Conlon, P.G.	Qualified Environmental Professional	646.277.5688	mconlon@haleyaldrich.com
	Scott Underhill, P.E.	Remediation Engineer	518.396.7638	sunderhill@haleyaldrich.com
	James Bellew	Project Manager	646.277.5686	jbellew@haleyaldrich.com
	Zachary P. Simmel	Assistant Project Manager/Field Lead	646.787.7669	zsimmel@haleyaldrich.com
159 Third Realty LLC, 150 Third Residence LLC, Baltic Residence LLC	Simon Kaufman	Member/Remedial Party	347.731.3400	ysrealtyny@aol.com
Sive, Paget & Riesel PC	Joyce Kung	Remedial Party's Attorney	646.378.7288	jkung@sprlaw.com
Orbank Realty Ltd	167 Third Avenue	Adjacent Property Owner	Unknown	Unknown

APPENDIX C
Excavation Work Plan

APPENDIX C – EXCAVATION WORK PLAN (EWP)

B-1 Notification

At least 15 days prior to the start of any activity that is anticipated to encounter remaining contamination or breach or alter the 556 Baltic Street Site's (the Site) cover system, the Site owner or their representative will notify the New York State Department of Environment Conservation (NYSDEC) contacts listed in the table below. Table I includes contact information for the above notification. The information on this table will be updated as necessary to provide accurate contact information. A full listing of Site-related contact information is provided in Table II of this Site Management Plan (SMP).

Table I: Notifications*	
Sydney Sobol, NYSDEC Project Manager	518.402.4799, Sydney.sobol@dec.ny.gov
Douglas MacNeal, NYSDEC Section Chief	718.482.4953, Douglas.macneal@dec.ny.gov
Kelly Lewandowski, NYSDEC Site Control	518.402.9553, Kelly.lewandowski@dec.ny.gov
Christopher Budd, NYSDOH Project Manager	518.402.1769, Christopher.budd@health.ny.gov
**** Note:*** *Notifications are subject to change and will be updated as necessary.*	

This notification will include:

- A detailed description of the work to be performed, including the location and areal extent of excavation, plans/drawings for Site re-grading, intrusive elements or utilities to be installed below the soil cover, estimated volumes of contaminated soil to be excavated, any modifications of truck routes, and any work that may impact an engineering control (EC);
- A summary of environmental conditions anticipated to be encountered in the work areas, including the nature and concentration levels of contaminants of concern, the potential presence of grossly contaminated media, and plans for any pre-construction sampling;
- A schedule for the work, detailing the start and completion of all intrusive work;
- A summary of the applicable components of this EWP;
- A statement that the work will be performed in compliance with this EWP, 29 CFR 1910.120 and 29 CFR 1926 Subpart P;
- A copy of the contractor's health and safety plan (HASP), in electronic format, if it differs from the HASP provided in Appendix G of this SMP;
- Identification of disposal facilities for potential waste streams; and,
- Identification of sources of any anticipated backfill, along with the required request to import form and all supporting documentation including, but not limited to, chemical testing results.

The NYSDEC project manager will review the notification and may impose additional requirements for the excavation that are not listed in this EWP.

B-2 Soil Screening Methods

Visual, olfactory, and instrument-based (e.g. photoionization detector [PID]) soil screening will be performed during all excavations into known or potentially contaminated material (remaining contamination) or a breach of the cover system. A qualified environmental professional (QEP) as defined in Title 6 of the New York Codes, Rules, and Regulations (NYCRR) Part 375, a professional engineer (P.E.) who is licensed and registered in New York State, or a qualified person who directly reports to a P.E. who is licensed and registered in New York State will perform the screening. Soil screening will be performed when invasive work is done and will include all excavation and invasive work performed during development, such as excavations for foundations and utility work, after issuance of the Certificate of Completion (COC).

Soils will be segregated based on previous environmental data and screening results into material that requires off-Site disposal and material that requires testing to determine if the material can be reused on the Site as soil beneath a cover or if the material can be used as cover soil. Further discussion of off-Site disposal of materials and on-Site reuse is provided in Sections B-6 and B-7 of this Appendix.

B-3 Soil Staging Methods

Soil stockpiles will be continuously encircled with a berm and/or silt fence. Hay bales will be used as needed near catch basins, surface waters, and other discharge points.

Stockpiles will be kept covered at all times with appropriately anchored tarps. Stockpiles will be routinely inspected and damaged tarp covers will be promptly replaced.

Stockpiles will be inspected at a minimum of once each week and after every storm event. Results of inspections will be recorded in a logbook maintained at the Site and available for inspection by the NYSDEC.

B-4 Materials Excavation and Load-Out

A QEP as defined in 6 NYCRR Part 375, a P.E. who is licensed and registered in New York State, or a qualified person who directly reports to a P.E. who is licensed and registered in New York State will oversee all invasive work and the excavation and load-out of all excavated material.

The owner of the property and Remedial Party (if applicable) and its contractors are responsible for the safe execution of all invasive and other work performed under this EWP.

The presence of utilities and easements on the Site will be investigated by the QEP. It will be determined whether a risk or impediment to the planned work under this SMP is posed by utilities or easements on the Site. A Site utility stakeout will be completed for all utilities prior to any ground intrusive activities at the Site.

Loaded vehicles leaving the Site will be appropriately lined, tarped, securely covered, manifested, and placarded in accordance with appropriate federal, state, local, and New York State Department of Transportation (NYSDOT) requirements (and all other applicable transportation requirements).

A truck wash will be operated on the Site, as appropriate. The QEP will be responsible for ensuring that

all outbound trucks will be washed at the truck wash before leaving the Site until the activities performed under this section are complete. Truck wash waters will be collected and disposed of off the Site in an appropriate manner.

Locations where vehicles enter or exit the Site shall be inspected daily for evidence of off-Site soil tracking.

The QEP will be responsible for ensuring that all egress points for truck and equipment transport from the Site are clean of dirt and other materials derived from the Site during intrusive excavation activities. Cleaning of the adjacent streets will be performed as needed to maintain a clean condition with respect to Site-derived materials. Material accumulated from the street cleaning and egress cleaning activities will be disposed of off the Site at a permitted landfill facility in accordance with all applicable local, state, and federal regulations.

B-5 Materials Transport Off-Site

All transport of materials will be performed by licensed haulers in accordance with appropriate local, state, and federal regulations, including 6 NYCRR Part 364. Haulers will be appropriately licensed and trucks properly placarded.

Material transported by trucks exiting the Site will be secured with tight-fitting covers. Loose-fitting canvas-type truck covers will be prohibited. If loads contain wet material capable of producing free liquid, truck liners will be used.

Truck transport routes are as follows: Trucks will enter the Site from the south side and west side on Baltic Street and Third Avenue, respectively, and exit by turning right onto Baltic Street from the designated points of egress along the northern and western boundaries of the Site. All trucks loaded with Site materials will exit the vicinity of the Site using this approved truck route. This is the most appropriate route and takes into account: (a) limiting transport through residential areas and past sensitive sites; (b) use of city-mapped truck routes; (c) prohibiting off-Site queuing of trucks entering the facility; (d) limiting total distance to major highways; (e) promoting safety in access to highways; and (f) overall safety in transport. A figure depicting the approved truck route is provided as Figure 1 in this EWP.

Trucks will be prohibited from stopping and idling in the neighborhood outside the Site.

Egress points for truck and equipment transport from the Site will be kept clean of dirt and other materials during Site remediation and development.

Queuing of trucks will be performed on the Site in order to minimize off-Site disturbance. Off-Site queuing will be prohibited.

B-6 Materials Disposal Off-Site

All material excavated and removed from the Site will be treated as contaminated and regulated material and will be transported and disposed of off the Site in a permitted facility in accordance with all local, state, and federal regulations. If disposal of material from this Site is proposed for unregulated off-Site disposal (i.e., clean soil removed for development purposes), a formal request with an

associated plan will be made to the NYSDEC project manager. Unregulated off-Site management of materials from this Site will not occur without formal NYSDEC project manager approval. Off-Site disposal locations for excavated soils will be identified in the pre-excavation notification. This will include estimated quantities and a breakdown by class of disposal facility if appropriate, (e.g., hazardous waste disposal facility, solid waste landfill, petroleum treatment facility, construction and demolition [C&D] debris recovery facility). Actual disposal quantities and associated documentation will be reported to the NYSDEC in the Periodic Review Report (PRR). This documentation will include, but will not be limited to, waste profiles, test results, facility acceptance letters, manifests, bills of lading, and facility receipts.

Non-hazardous historic fill and contaminated soils taken off the Site will be handled consistent with 6 NYCRR Parts 360, 361, 362, 363, 364, and 365. Material that does not meet Unrestricted Use Soil Cleanup Objectives (UUSCOs) is prohibited from being taken to a New York State C&D debris recovery facility (6 NYCRR Subpart 360-15 registered or permitted facility).

B-7 Materials Reuse On-Site

The QEP as defined in 6 NYCRR Part 375 will ensure that procedures defined for materials reuse in this SMP are followed and that unacceptable material (i.e., contaminated) does not remain on the Site. Contaminated on-Site material, including historic fill and contaminated soil, that is acceptable for reuse on the Site will be placed below the demarcation layer or impervious surface, and will not be reused within a cover soil layer, within landscaping berms, or as backfill for subsurface utility lines.

Proposed materials for reuse on the Site must be sampled for the full suite of analytical parameters including per- and polyfluoroalkyl substances (PFAS) and 1,4-dioxane. The sampling frequency will be in accordance with Division of Environmental Remediation (DER)-10 Table 5.4(e)10 unless prior approval is obtained from the NYSDEC project manager for modification of the sampling frequency. The analytical results of soil/fill material testing must meet the site use criteria presented in NYSDEC DER-10 Appendix 5 – Allowable Constituent Levels for Imported Fill or Soil for all constituents listed, and the NYSDEC Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances April 2023 guidance values. Approvals for modifications to the analytical parameters must be obtained from the NYSDEC project manager prior to the sampling event.

Soil/fill material for reuse on the Site will be segregated and staged as described in Sections B-2 and B-3 of this EWP. The anticipated size and location of stockpiles will be provided in the 15-day notification to the NYSDEC project manager. Stockpile locations will be based on the location of Site excavation activities and proximity to nearby Site features. Material reuse on the Site will comply with the requirements of NYSDEC DER-10 Section 5.4(e)4. Any modifications to the requirements of DER-10 Section 5.4(e)4 must be approved by the NYSDEC project manager.

Any demolition material proposed for reuse on the Site will be sampled for asbestos and the results will be reported to the NYSDEC for acceptance. Concrete crushing or processing on the Site will not be performed without prior NYSDEC approval. Organic matter (wood, roots, stumps, etc.) or other solid waste derived from clearing and grubbing of the Site will not be reused on the Site.

B-8 Fluids Management

All liquids to be removed from the Site, including but not limited to, excavation dewatering,

decontamination waters and groundwater monitoring well purge and development waters, will be handled, transported, and disposed of off the Site at a permitted facility in accordance with applicable local, state, and federal regulations. Dewatering, purge, and development fluids will not be recharged back to the land surface or subsurface of the Site, and will be managed off the Site, unless prior approval is obtained from NYSDEC.

Discharge of water generated during large-scale construction activities to surface waters (i.e. a local pond, stream, or river) will be performed under a State Pollutant Discharge Elimination System (SPDES) permit.

B-9 Backfill from Off-Site Sources

All materials proposed for import onto the Site will be approved by the QEP, as defined in 6 NYCRR Part 375, and will be in compliance with provisions in this SMP prior to receipt at the Site. A Request to Import/Reuse Fill or Soil form, which can be found at http://www.dec.ny.gov/regulations/67386.html, will be prepared and submitted to the NYSDEC project manager allowing a minimum of five business days for review. A copy of the form is presented in Appendix F of this SMP.

Material from industrial sites, spill sites, other environmental remediation sites, or potentially contaminated sites will not be imported to the Site.

All imported soils will meet the backfill and cover soil quality standards established in 6 NYCRR Part 375-6.7(d) and DER-10, Appendix 5 for residential use. Based on an evaluation of the land use, protection of groundwater, and protection of ecological resources criteria, the resulting soil quality standards meet Track 2 Restricted Residential Use Soil Cleanup Objectives (RRSCOs). Soils that meet "general" fill requirements under 6 NYCRR Part 360.13, but do not meet backfill or cover soil objectives for this Site, will not be imported onto the Site without prior approval by the NYSDEC project manager. Soil material will be sampled for the full suite of analytical parameters, including PFAS and 1, 4-dioxane. Solid waste will not be imported onto the Site.

Trucks entering the Site with imported soils will be securely covered with tight-fitting covers. Imported soils will be stockpiled separately from excavated materials and covered to prevent dust releases.

B-10 Stormwater Pollution Prevention

Barriers and hay bale checks will be installed and inspected once a week and after every storm event. Results of inspections will be recorded in a logbook and maintained at the Site and available for inspection by the NYSDEC. All necessary repairs shall be made immediately.

Accumulated sediments will be removed as required to keep the barrier and hay bale check functional.

All undercutting or erosion of the silt fence toe anchor shall be repaired immediately with appropriate backfill materials.

Manufacturer's recommendations will be followed for replacing silt fencing damaged due to weathering.

Erosion and sediment control measures identified in the SMP shall be observed to ensure that they are operating correctly. Where discharge locations or points are accessible, they shall be inspected to

ascertain whether erosion control measures are effective in preventing significant impacts to receiving waters.

Silt fencing or hay bales will be installed around the entire perimeter of the construction area.

B-11 Excavation Contingency Plan

If underground tanks or other previously unidentified contaminant sources are found during post-remedial subsurface excavations or development-related construction, excavation activities will be suspended until sufficient equipment is mobilized to address the condition. The NYSDEC project manager will be promptly notified of the discovery.

Sampling will be performed on product, sediment, surrounding soils, etc. as necessary to determine the nature of the material and proper disposal method. Chemical analysis will be performed for a full list of analytes (Target Analyte List [TAL] metals, Target Compound List [TCL] volatiles and semi-volatiles [including 1,4-dioxane], TCL pesticides and polychlorinated biphenyls [PCBs], and PFAS) unless the site history and previous sampling results provide sufficient justification to limit the list of analytes. In this case, a reduced list of analytes will be proposed to the NYSDEC project manager for approval prior to sampling. Any tanks will be closed as per NYSDEC regulations and guidance.

Identification of unknown or unexpected contaminated media identified by screening during invasive Site work will be promptly communicated by phone within two hours to NYSDEC's project manager. Reportable quantities of petroleum product will also be reported to the NYSDEC spills hotline. These findings will be also included in the PRR.

B-12 Community Air Monitoring Plan

A figure showing the location of air sampling stations based on generally prevailing wind conditions is provided as Figure 2 of this EWP. These locations will be adjusted on a daily or more frequent basis based on actual wind directions to provide one upwind and at least two downwind monitoring stations.

Exceedances of action levels listed in the community air monitoring plan (CAMP) will be reported to NYSDEC and NYSDOH project managers.

B-12A: Special Requirements for Work Within 20 Feet of Potentially Exposed Individuals or Structures

When work areas are within 20 feet of potentially exposed populations or occupied structures, the continuous monitoring locations for volatile organic compounds (VOCs) and particulates must reflect the nearest potentially exposed individuals and the location of ventilation system intakes for nearby structures. The use of engineering controls such as vapor/dust barriers, temporary negative-pressure enclosures, or special ventilation devices should be considered to prevent exposures related to the work activities and to control dust and odors. Consideration should be given to implementing the planned activities when potentially exposed populations are at a minimum, such as during weekends or evening hours in non-residential settings.

- If total VOC concentrations opposite the walls of occupied structures or next to intake vents exceed 1 part per million, monitoring should occur within the occupied structure(s). Depending

upon the nature of contamination, chemical-specific colorimetric tubes of sufficient sensitivity may be necessary for comparing the exposure point concentrations with appropriate pre-determined response levels (response actions should also be pre-determined). Background readings in the occupied spaces must be taken prior to commencement of the planned work. Any unusual background readings should be discussed with NYSDOH prior to commencement of the work.

- If total particulate concentrations opposite the walls of occupied structures or next to intake vents exceed 150 micrograms per cubic meter, work activities should be suspended until controls are implemented and are successful in reducing the total particulate concentration to 150 micrograms per cubic meter or less at the monitoring point.
- Depending upon the nature of contamination and remedial activities, other parameters (e.g., explosivity, oxygen, hydrogen sulfide, carbon monoxide) may also need to be monitored. Response levels and actions should be pre-determined, as necessary, for each site.

B-13 Odor Control Plan

This odor control plan is capable of controlling emissions of nuisance odors on and off the Site. If nuisance odors are identified at the Site boundary, or if odor complaints are received, work will be halted, and the source of odors will be identified and corrected. Work will not resume until all nuisance odors have been abated. NYSDEC and NYSDOH will be notified of all odor events and of any other complaints about the project. Implementation of all odor controls, including the halt of work, is the responsibility of the Remedial Party's Remediation Engineer, and any measures that are implemented will be discussed in the PRR.

All necessary means will be employed to prevent on- and off-Site nuisances. At a minimum, these measures will include: (a) limiting the area of open excavations and size of soil stockpiles; (b) shrouding open excavations with tarps and other covers; and (c) using foams to cover exposed odorous soils. If odors develop and cannot be otherwise controlled, additional means to eliminate odor nuisances will include: (d) direct load-out of soils to trucks for off-Site disposal; (e) use of chemical odorants in spray or misting systems; and, (f) use of staff to monitor odors in surrounding neighborhoods.

If nuisance odors develop during intrusive work that cannot be corrected, or where the control of nuisance odors cannot otherwise be achieved due to on-Site conditions or close proximity to sensitive receptors, odor control will be achieved by sheltering the excavation and handling areas in a temporary containment structure equipped with appropriate air venting/filtering systems.

B-14 Dust Control Plan

Particulate monitoring must be conducted according to the CAMP provided in Section B-12. If particulate levels at the Site exceed the thresholds listed in the CAMP or if airborne dust is observed on the Site or leaving the Site, the dust suppression techniques listed below will be employed. The Remedial Party will also take the measures listed below to prevent dust production on the Site.

A dust suppression plan that addresses dust management during invasive on-Site work will include, at a minimum, the items listed below:

- Dust suppression will be achieved using a dedicated on-Site water truck for road wetting. The truck will be equipped with a water cannon capable of spraying water directly onto off-road

areas, including excavations and stockpiles.

- Clearing and grubbing of larger sites will be done in stages to limit the area of exposed, unvegetated soils vulnerable to dust production.
- Gravel will be used on roadways to provide a clean and dust-free road surface.
- On-Site roads will be limited in total area to minimize the area required for water truck sprinkling.

B-15 Other Nuisances

A plan for rodent control will be developed and utilized by the contractor prior to and during Site clearing and Site grubbing, and during all remedial work.

A plan will be developed and utilized by the contractor for all remedial work to ensure compliance with local noise control ordinances.

Enclosures:

Figure 1
Figure 2

FIGURES

Legend

Truck Routes

- **Local Truck Route** — Trucks with an origin or destination for the purpose of delivery, loading or servicing within the respective Borough, shall only operate on designated local routes, except that an operator may operate on a non-designated street for the purpose of arriving at their destination. This shall be accomplished by leaving a designated truck route at the intersection that is nearest to their destination, proceeding by the most direct route, and then returning to the nearest designated truck route by the most direct route. If the operator has additional destinations in the same general area, they may proceed by the most direct route to their next destination without returning to a designated truck route, provided that the operator's next destination does not require that they cross a designated truck route.
- **Through Truck Route** — Trucks having neither an origin nor a destination within the respective Borough shall restrict the operation of such vehicles to those street segments designated as Through Truck Routes.
- **Through Truck Route on Expressway**
- **53 FT Trailer Exception**
- **Connecting Road Outside NYC**

Restricted Routes

- **No Commercial Vehicles**

Hazards

- Alert: see additional information
- Low Vertical Clearance (14 feet and under)

Navigation / Landmarks

- Highway Exit
- Major Highway
- Industrial Business Zone
- Parks and Open Spaces
- Limited Truck Zone

LEGEND

- TRUCK INGRESS
- TRUCK EGRESS
- CONSTRUCTION ENTRANCE
- SITE BOUNDARY

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. AERIAL IMAGERY SOURCE: NEARMAP, 19 OCTOBER 2021

N

0 30 60

SCALE IN FEET

HALEY ALDRICH

556 BALTIC STREET REDEVELOPMENT SITE
556 BALTIC STREET
BROOKLYN, NEW YORK

TRUCK ROUTE MAP

JULY 2024

FIGURE 1

LEGEND

SITE BOUNDARY

COMMUNITY AIR MONITORING STATION LOCATION

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. AERIAL IMAGERY SOURCE: NEARMAP, 19 OCTOBER 2021

N

0 30 60

SCALE IN FEET

HALEY ALDRICH

556 BALTIC STREET REDEVELOPMENT SITE
BROOKLYN, NY

PROPOSED CAMP STATIONS MAP

JULY 2024

FIGURE 2

GIS: \\haleyaldrich.com\share\CP\Projects\0204090\GIS\Mxds\2021_12\204090_000_0002_SITE_PLAN.mxd - khensen - 12/2/2021 9:56:07 AM

APPENDIX D
Site Management Plan Forms

SITE INSPECTION FORM

556 Baltic Street Redevelopment Site

556 Baltic Street

Brooklyn, New York

Engineering Controls - Composite Cover Components	Condition	No	Yes	Describe Deficiency	Any Corrective Action Performed? If so, describe
Concrete Slab	Holes, cracks, or other physical deficiencies? (only applicable if asphalt/foundation above is damaged)				
Concrete-Covered Sidewalks	Holes, cracks, or other physical deficiencies?				

Name of Inspector

Signature of Inspector

Date of Inspection

Summary of Green Remediation Metrics for Site Management

Site Name: _____ Site Code: _____
Address: _____ City: _____
State: _____ Zip Code: _____ County: _____

Initial Report Period (Start Date of period covered by the Initial Report submittal)
Start Date: _____

Current Reporting Period
Reporting Period From: _____ To: _____

Contact Information
Preparer's Name: _____ Phone No.: _____
Preparer's Affiliation: _____

I. Energy Usage: Quantify the amount of energy used directly on-site and the portion of that derived from renewable energy sources.

	Current Reporting Period	**Total to Date**
Fuel Type 1 (e.g. natural gas (cf))		
Fuel Type 2 (e.g. fuel oil, propane (gals))		
Electricity (kWh)		
Of that Electric usage, provide quantity:		
Derived from renewable sources (e.g. solar, wind)		
Other energy sources (e.g. geothermal, solar thermal (Btu))		

Provide a description of all energy usage reduction programs for the site in the space provided on Page 3.

II. Solid Waste Generation: Quantify the management of solid waste generated on-site.

	Current Reporting Period (tons)	**Total to Date (tons)**
Total waste generated on-site		
OM&M generated waste		
Of that total amount, provide quantity:		
Transported off-site to landfills		
Transported off-site to other disposal facilities		
Transported off-site for recycling/reuse		
Reused on-site		

Provide a description of any implemented waste reduction programs for the site in the space provided on Page 3.

III. Transportation/Shipping: Quantify the distances travelled for delivery of supplies, shipping of laboratory samples, and the removal of waste.

	Current Reporting Period (miles)	**Total to Date (miles)**
Standby Engineer/Contractor		
Laboratory Courier/Delivery Service		
Waste Removal/Hauling		

Provide a description of all mileage reduction programs for the site in the space provided on Page 3. Include specifically any local vendor/services utilized that are within 50 miles of the site.

IV. Water Usage: Quantify the volume of water used on-site from various sources.

	Current Reporting Period (gallons)	**Total to Date (gallons)**
Total quantity of water used on-site		
Of that total amount, provide quantity:		
Public potable water supply usage		
Surface water usage		
On-site groundwater usage		
Collected or diverted storm water usage		

Provide a description of any implemented water consumption reduction programs for the site in the space provided on Page 3.

V. Land Use and Ecosystems: Quantify the amount of land and/or ecosystems disturbed and the area of land and/or ecosystems restored to a pre-development condition (i.e. Green Infrastructure).

	Current Reporting Period (acres)	**Total to Date (acres)**
Land disturbed		
Land restored		

Provide a description of any implemented land restoration/green infrastructure programs for the site in the space provided on Page 3.

Description of green remediation programs reported above (Attach additional sheets if needed)
Energy Usage:
Waste Generation:
Transportation/Shipping:
Water usage:
Land Use and Ecosystems:
Other:

CONTRACTOR CERTIFICATION
I, _____ (**Name**) do hereby certify that I am _____ (**Title**) of _____ (**Contractor Name**), which is responsible for the work documented on this form. According to my knowledge and belief, all of the information provided in this form is accurate and the site management program complies with the DER-10, DER-31, and CP-49 policies. _____ **Date** **Contractor**

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Request to Import/Reuse Fill or Soil

This form is based on the information required by DER-10, Section 5.4(e) and 6NYCRR Part 360.13. Use of this form is not a substitute for reading the applicable regulations and Technical Guidance document.

SECTION 1 – SITE BACKGROUND

The allowable site use is: Choose an item

Have Ecological Resources been identified? Choose an item

Is this soil originating from the site? Choose an item

How many cubic yards of soil will be imported/reused? Choose an item

If greater than 1000 cubic yards will be imported, enter volume to be imported:

SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone? Choose an item

Does it contain less than 10%, by weight, material that passes a size 100 sieve? Choose an item

Is this virgin material from a permitted mine or quarry? Choose an item

Is this material recycled concrete or brick from a DEC registered processing facility? Choose an item

SECTION 3 - SAMPLING

Provide a brief description of the number and type of samples collected in the space below:

Example Text: 5 discrete samples were collected and analyzed for VOCs. 2 composite samples were collected and analyzed for SVOCs, Inorganics & PCBs/Pesticides.

If the material meets requirements of DER-10 section 5.4(e)5 (other material), no chemical testing needed.

SECTION 3 CONT'D - SAMPLING

Provide a brief written summary of the sampling results or attach evaluation tables (compare to DER-10, Appendix 5):

Example Text: Arsenic was detected up to 17 ppm in 1 (of 5) samples; the allowable level is 16 ppm.

If Ecological Resources have been identified use the "If Ecological Resources are Present" column in Appendix 5.

SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

Location where fill was obtained:

Identification of any state or local approvals as a fill source:

If no approvals are available, provide a brief history of the use of the property that is the fill source:

Provide a list of supporting documentation included with this request:

The information provided on this form is accurate and complete.

_____ _____

Signature Date

_____

Print Name

_____

Firm

Revised April 2023

APPENDIX E
Responsibilities of Remedial Party

Responsibilities

The responsibilities for implementing the Site Management Plan ("SMP") for the 556 Baltic Street Site (the "Site"), number C224375, are divided between the Site owner(s) and a Remedial Party, as defined below. The term Remedial Party ("RP") refers to any of the following: certificate of completion holder, volunteer, applicant, responsible party, and, in the event the New York State Department of Environmental Conservation ("NYSDEC") is carrying out remediation or Site management, the NYSDEC and/or an agent acting on its behalf. Solely for the purposes of this document and based upon the facts related to a particular site and the remedial program being carried out, the owner and RP are currently listed as:

159 Third Realty LLC
199 Lee Avenue, Suite 1088
Brooklyn, New York 11211

159 Third Residence LLC and Baltic Residence LLC
199 Lee Avenue, Suite 777
Brooklyn, NY 11211

Nothing on this page shall supersede the provisions of an Environmental Easement, Consent Order, Consent Decree, agreement, or other legally binding document that affects rights and obligations relating to the site.

Site Owner's Responsibilities:

1) The owner shall follow the provisions of the SMP as they relate to future construction and excavation at the Site.

2) In accordance with a periodic time frame determined by the NYSDEC, the owner shall periodically certify, in writing, that all Institutional Controls set forth in an Environmental Easement remain in place and continue to be complied with. The owner shall provide a written certification to the RP, upon the RP's request, in order to allow the RP to include the certification in the site's Periodic Review Report (PRR) certification to the NYSDEC.

3) In the event the Site is delisted, the owner remains bound by the Environmental Easement and shall submit, upon request by the NYSDEC, a written certification that the Environmental Easement is still in place and has been complied with.

4) The owner shall grant access to the site to the RP and the NYSDEC and its agents for the purposes of performing activities required under the SMP and assuring compliance with the SMP.

5) The owner is responsible for assuring the security of the remedial components located on its property to the best of its ability. If damage to the remedial components or vandalism is evident, the owner shall notify the site's RP and the NYSDEC in accordance with the timeframes indicated in Section 1.3 - Notifications.

6) If some action or inaction by the owner adversely impacts the Site, the owner must notify the site's RP and the NYSDEC in accordance with the time frame indicated in Section 1.3 - Notifications and coordinate the performance of necessary corrective actions with the RP.

7) The owner must notify the RP and the NYSDEC of any change in ownership of the Site property (identifying the tax map numbers in any correspondence) and provide contact information for the new owner of the Site property. 6 NYCRR Part contains notification requirements applicable to any construction or activity changes and changes in ownership. Among the notification requirements is the following: Sixty days prior written notification must be made to the NYSDEC. Notification is to be submitted to the NYSDEC Division of Environmental Remediation's Site Control Section. Notification requirements for a change in use are detailed in Section 1.3 of the SMP. A change of use includes, but is not limited to, any activity that may increase direct human or environmental exposure (e.g., day care, school or park). A 60-Day Advance Notification Form and Instructions are found at http://www.dec.ny.gov/chemical/76250.html.

8) In accordance with the tenant notification law, within 15 days of receipt, the owner must supply a copy of any vapor intrusion data, that is produced with respect to structures and that exceeds NYSDOH or OSHA guidelines on the Site, whether produced by the NYSDEC, RP, or owner, to the tenants on the property. The owner must otherwise comply with the tenant and occupant notification provisions of Environmental Conservation Law Article 27, Title 24.

Remedial Party Responsibilities

1) The RP must follow the SMP provisions regarding any construction and/or excavation it undertakes at the Site.

2) The RP shall report to the NYSDEC all activities required for remediation, operation, maintenance, monitoring, and reporting. Such reporting includes, but is not limited to, periodic review reports and certifications, electronic data deliverables, corrective action work plans and reports, and updated SMPs.

3) Before accessing the Site property to undertake a specific activity, the RP shall provide the owner advance notification that shall include an explanation of the work expected to be completed. The RP shall provide to (i) the owner, upon the owner's request, (ii) the NYSDEC, and (iii) other entities, if required by the SMP, a copy of any data generated during the Site visit and/or any final report produced.

4) If the NYSDEC determines that an update of the SMP is necessary, the RP shall update the SMP and obtain final approval from the NYSDEC. Within 5 business days after NYSDEC approval, the RP shall submit a copy of the approved SMP to the owner(s).

5) The RP shall notify the NYSDEC and the owner of any changes in RP ownership and/or control and of any changes in the party/entity responsible for the operation, maintenance, and monitoring of and reporting.. The RP shall provide contact information for the new party/entity. Such activity constitutes a Change of Use pursuant to 375-1.11(d) and requires 60-days prior notice to the NYSDEC. A 60-Day Advance Notification Form and Instructions are found at http://www.dec.ny.gov/chemical/76250.html .

6) The RP shall notify the NYSDEC of any damage to or modifications as required under Section 1.3 - Notifications of the SMP.

7) Prior to a change in use that impacts the requirements and/or responsibilities for implementing the SMP, the RP shall submit to the NYSDEC for approval an amended SMP.

8) Any change in use, change in ownership, change in site classification (*e.g.*, delisting), reduction or expansion of remediation, and other significant changes related to the site may result in a change in responsibilities and, therefore, necessitate an update to the SMP and/or updated legal documents. The RP shall contact the NYSDEC project manager to discuss the need to update such documents.

Change in RP ownership and/or control and/or site ownership does not affect the RP's obligations with respect to the Site unless a legally binding document executed by the NYSDEC releases the RP of its obligations.

Future Site owners and RPs and their successors and assigns are required to carry out the activities set forth above.

APPENDIX F
Health and Safety Plan

HALEY & ALDRICH, INC.
SITE-SPECIFIC SAFETY PLAN

FOR

556 BALTIC STREET SITE – NYSDEC BCP SITE C224375

556 BALTIC STREET, BROOKLYN, NY 11217

Project/File No. 0204090

Gensuite EZ Scan®

BI - Developers

Prepared By: Zachary P. Simmel	**Date: 7/1/2024**
Approvals: The following signatures constitute approval of this Health & Safety Plan.	
Field Safety Manager: Brian Ferguson	**Date: 7/1/2024**
Project Manager: Mari C. Conlon	**Date: 7/1/2024**
HASP Valid Through: 12/31/2024	

Table of Contents

Attachments

STOP WORK AUTHORITY

In accordance with Haley & Aldrich (Haley & Aldrich) Stop Work Authority Operating Procedure (OP1035), any individual has the right to refuse to perform work that he or she believes to be unsafe without fear of retaliation. He or she also has the authority, obligation, and responsibility to stop others from working in an unsafe manner.

STOP Work Authority is the stop work policy for all personnel and subcontractors on the Site. When work has been stopped due to an unsafe condition, Haley & Aldrich site management (e.g., Project Manager [PM], Site Health & Safety Officer [SHSO], etc.) and the Haley & Aldrich Senior Project Manager (SPM) will be notified immediately.

Reasons for issuing a stop work order include, but are not limited to:

- The belief/perception that injury to personnel or accident causing significant damage to property or equipment is imminent.
- A Haley & Aldrich subcontractor is in breach of site safety requirements and/or their own site HASP.
- Identifying a substandard condition (e.g., severe weather) or activity that creates an unacceptable safety risk as determined by a qualified person.

Work will not resume until the unsafe act has been stopped OR sufficient safety precautions have been taken to remove or mitigate the risk to an acceptable degree. Stop work orders will be documented as part of an on-site stop work log, on daily field reports to include the activity/activities stopped, the duration, person stopping work, person in-charge of stopped activity/activities, and the corrective action agreed to and/or taken. Once work has been stopped, only the Haley & Aldrich SPM or SHSO can give the order to resume work. Haley & Aldrich senior management is committed to support anyone who exercises his or her “Stop Work” authority.

ISSUANCE AND COMPLIANCE

This HASP has been prepared in accordance with Occupational Safety and Health Administration (OSHA) regulations (CFR 29, Parts 1904, 1910, and 1926) if such are applicable.

The specific requirements of this HASP include precautions for hazards that exist during this project and may be revised as new information is received or as site conditions change.

- This HASP must be signed by all Haley & Aldrich personnel involved in implementation of the SOW (Section 2 of this HASP).
- This HASP, or a current signed copy, must be retained at all times when Haley & Aldrich staff are present.
- Revisions to this HASP must be outlined within the contents of the HASP. If immediate or minor changes are necessary, the Field Safety Manager (FSM), Haley & Aldrich, SSO and/or Project Manager (PM) may use Attachment 1 (HASP Amendment Form), presented at the end of this HASP. Any revision to the HASP requires employees and subcontractors to be informed of the changes so that they understand the requirements of the change.
- Deviations from this HASP are permitted with approval from the Haley & Aldrich FSM, PM, or Senior Health & Safety Manager (SHSM). Unauthorized deviations may constitute a violation of Haley & Aldrich company procedures/policies and may result in disciplinary action.
- This HASP will be relied upon by Haley & Aldrich's subcontractors and visitors to the site. Haley & Aldrich's subcontractors must have their own HASP which will address hazards specific to their trade that is not included in this HASP. This HASP will be made available for review to Haley & Aldrich's subcontractors and other interested parties (e.g. Facility personnel and regulatory agencies) to ensure that Haley & Aldrich has properly informed our subcontractors and others of the potential hazards associated with the implementation of the SOW to the extent that Haley &Aldrich is aware.

This site-specific HASP provides only site-specific descriptions and work procedures. General safety and health compliance programs in support of this HASP (e.g., injury reporting, medical surveillance, personal protective equipment (PPE) selection, etc.) are described in detail in the Haley &Aldrich Corporate Health and Safety Program Manual and within Haley & Aldrich's Standard Operating Procedures Both the manual and SOPs can be located on the Haley & Aldrich's Company Intranet. When appropriate, users of this HASP should always refer to these resources and incorporate to the extent possible. The manual and SOPs are available to clients and regulators upon request.

EMERGENCY EVENT PROCEDURES

1 - ASSESS THE SCENE

- **STOP WORK**
- Review the situation and ascertain if it's safe to enter the area.
- Evacuate the site if the conditions are unsafe.

2 - EVALUATE THE EMERGENCY

- **Call 911, or designated emergency number, if required.**
- **Provide first aid for the victim if qualified and safe to do so.**
    - First aid will be addressed using the onsite first aid kit. *
        - If providing first aid, remember to use proper first aid universal precautions if blood or bodily fluids are present.
- **If exposure to hazardous substance is suspected, immediately vacate the contaminated area.**
    - Remove any contaminated clothing and/or equipment.
    - Wash any affected dermal/ocular area(s) with water for at least 15 minutes.
    - Seek immediate medical assistance if any exposure symptoms are present.

* *Note: Haley & Aldrich employees are not required or expected to administer first aid / CPR to any Haley & Aldrich staff member, Contractor, or Civilian personnel at any time; it is Haley & Aldrich´s position that those who do are doing so on their own behalf and not as a function of their job.*

3 - SECURE THE AREA

- **Cordon off the incident area, if possible.**
    - Notify any security personnel, if required.
    - Escort all non-essential personnel out of the area, if able.

4 - REPORT ON-SITE ACCIDENTS / INCIDENTS TO PM / SSO

- **Notify the PM and SSO as soon as it is safe to do so.**
    - Assist PM and SSO in completing any additional tasks, as required.

5 - INVESTIGATE / REPORT THE INCIDENT

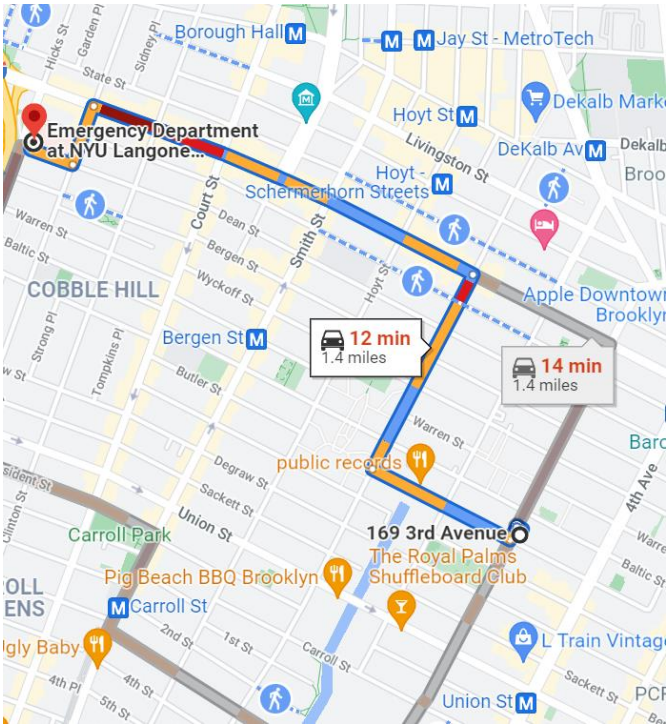
- **Record details of the incident for input to the Gensuite.**
    - Complete any additional forms as requested by the PM and SSO.

6 - TAKE CORRECTIVE ACTION

- **Implement corrective actions per the PM following root cause analysis.**
    - Complete Lessons Learned form.

PROJECT INFORMATION AND CONTACTS	
Project Name: 556 BALTIC STREET SITE – NYSDEC BCP SITE C224375	**Haley & Aldrich File No.:** 0204090
Location: 556 BALTIC STREET, BROOKLYN, NY 11217	
Client/Site Contact: Phone Number:	159 Third Realty LLC 347.731.3400
Haley & Aldrich Field Representative: Phone Number: Emergency Phone Number:	Matthew Cal 516.477.6447 516.317.9861
Haley & Aldrich Project Manager: Phone Number: Emergency Phone Number:	Mari C. Conlon 646.277.5686 347.640.2759
Field Safety Manager: Phone Number: Emergency Phone Number:	Brian Ferguson 617.886.7439 617.908.2761
Subcontractor Project Manager: Phone Number:	N/A N/A
Nearest Hospital: Address: (see map on next page) Phone Number:	NYU Langone 83 Amity Street Brooklyn, NY 11201 718.603.7185
Nearest Occ. Health Clinic: http://www.talispoint.com/liberty/ext/ Address: (see map on next page) Phone Number:	Medrite Urgent Care – Midtown East, NYC 919 2nd Avenue Brooklyn, NY 10017 212.935.3333
Liberty Mutual Claim Policy	**WC6-Z11254100-034**
WorkCare Injury & Illness HOTLINE	**1-888-449-7787**
Emergency Response Number:	**911**
Other Local Emergency Response Number:	N/A
Other Ambulance, Fire, Police, or Environmental Emergency Resources:	911

DIRECTIONS TO THE NEAREST HOSPITAL



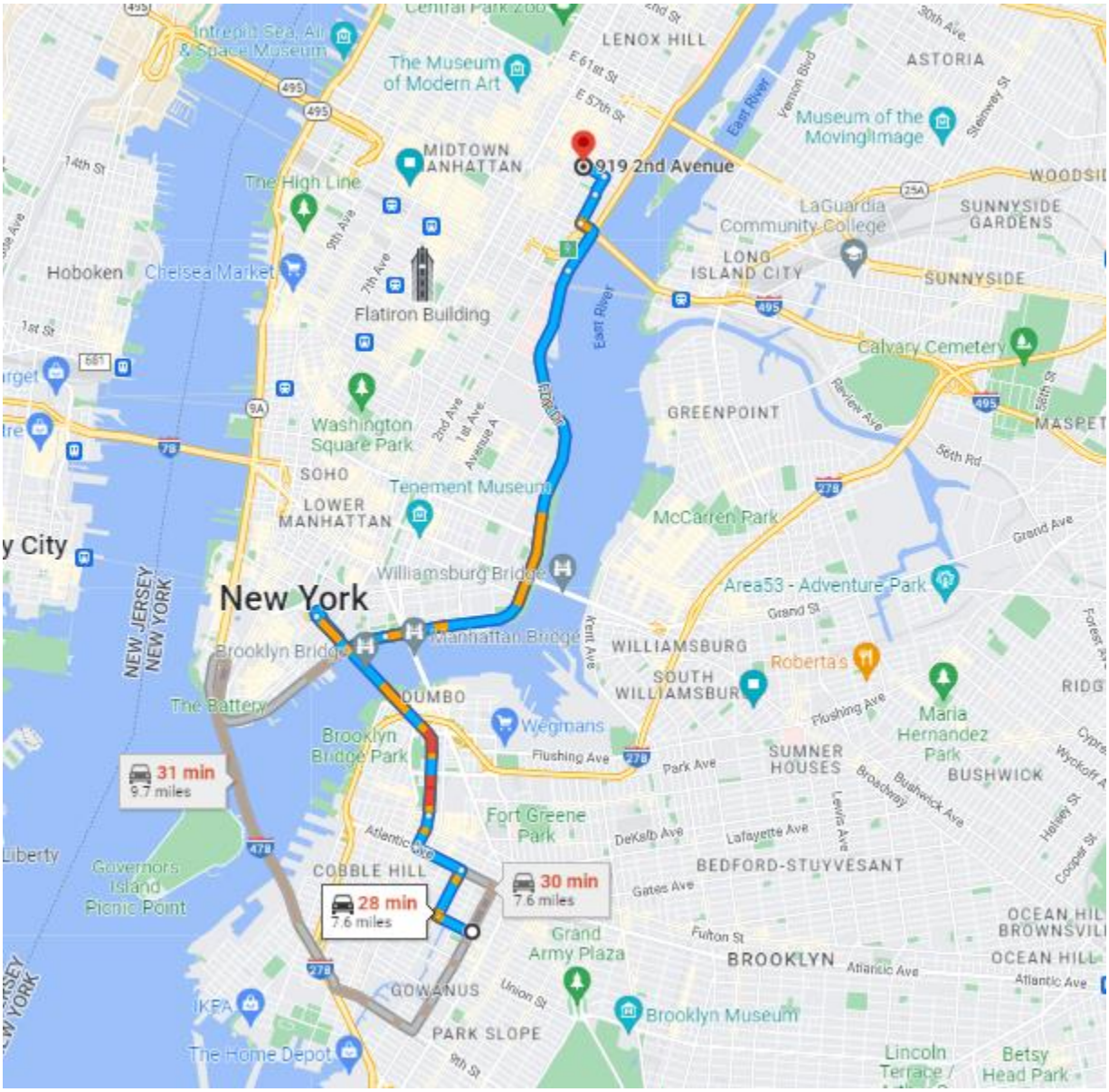
Directions to the Nearest Hospital:

169 3rd Ave
Brooklyn, NY 11217

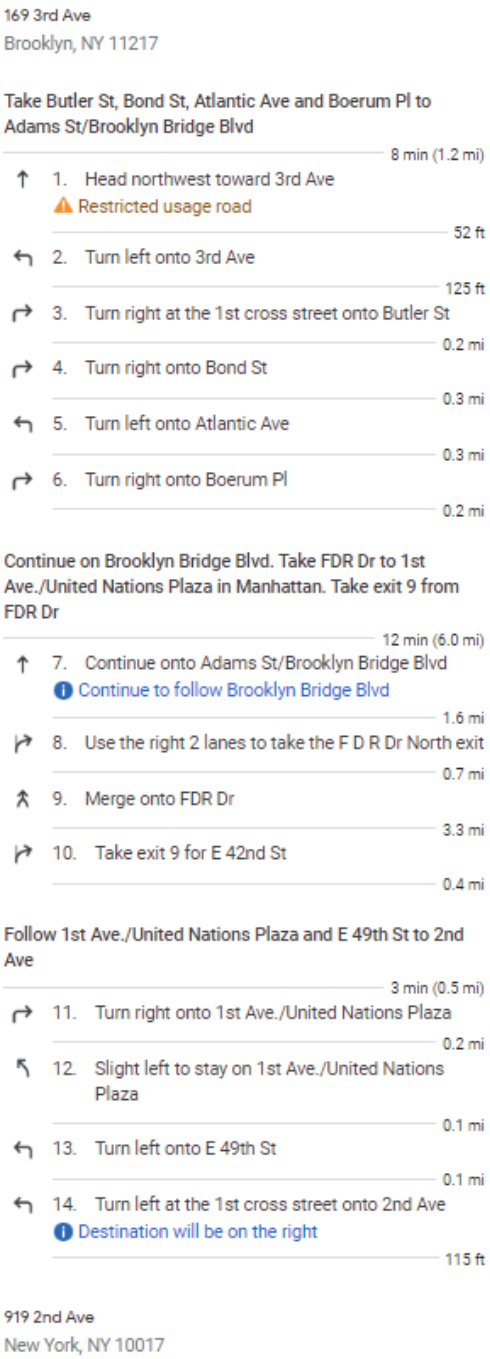
- Head northwest toward 3rd Ave
  - Restricted usage road
  - 52 ft
- Turn left onto 3rd Ave
  - 125 ft
- Turn right at the 1st cross street onto Butler St
  - 0.2 mi
- Turn right onto Bond St
  - 0.3 mi
- Turn left onto Atlantic Ave
  - 0.7 mi
- Turn left onto Henry St
  - 0.1 mi
- Turn right onto Amity St
  - Destination will be on the right
  - 371 ft

Emergency Department at NYU Langone Health—Cobble Hill
83 Amity St, Brooklyn, NY 11201

DIRECTIONS TO THE NEAREST URGENT CARE



Directions to the Nearest Occupational Clinic:



1. WORK SCOPE

This Site-Specific Health and Safety Plan addresses the health and safety practices and procedures that will be exercised by all Haley & Aldrich employees participating in all work on the Project Site. This plan is based on an assessment of the site-specific health and safety risks available to Haley & Aldrich and Haley & Aldrich's experience with other similar project sites. The scope of work includes the following:

1) Remedial Oversight, Indoor Air Sampling

Project Task Breakdown

Task No.	Task Description	Employee(s) Assigned	Work Date(s) or Duration
1.	Indoor Air Sampling	Matthew Cal	Periodically As Needed

Subcontractor(s) Tasks

Firm Name	Work Activity	Work Date(s) or Duration
N/A	Enter task description.	Enter dates/duration.

Projected Start Date: 10/1/2024

Projected Completion Date: Long-term – Site Management Plan

2. SITE OVERVIEW / DESCRIPTION

Site Classification

Residential

Site Description

The Site is located in the Gowanus neighborhood of Brooklyn at 169 3rd Avenue, Brooklyn, NY and is identified as Block 407 and Lot 1 on the New York City tax map. The rectangular shaped Site is 11,800 square feet in size and is bound to the north by Baltic Street followed by a multi-story residential buildng, to the west by Third Avenue followed by a single-story commerical/manufacturing building, to the east by a four-story residential building and a Cube Smart storage building, and to the south by Butler Street followed by a hotel. The Site is currently under redevelopment with a mixed-used commercial and residential building.

Background and Historic Site Usage

The Site was used as a ladder storage from the 1940s through 1970s. Since the 1970s the site has been used for auto rental, car wash, and as a service station. Currently, the Site is vacant and was most recently operated by a BP Gas Station which ceased operations in early 2022.

Site Status

Indicate current activity status and describe operations at the site:

Active

The Site is currently under redevelopment with future development as a multi-story, mixed-use commercial and residential building.

Site Plan

Is a site plan or sketch available? Yes

Work Areas

List and identify each specific work areas(s) on the job site and indicate its location(s) on the site plan:

The work area consists of the first floor and cellar spaces.

Site Plan

3. HAZARD ASSESSMENT

Indicate all hazards that may be present at the site and for each task. If any of these potential hazards are checked, it is the Project Manager's responsibility to determine how to eliminate / minimize the hazard to protect onsite personnel.

Site Chemical Hazards

Is this Site impacted with chemical contamination? Yes

Source of information about contaminants: Previous Investigation

Contaminant of Concern	Location/Media	Concentration	Units
Benzene	**Soil**	**3.9**	**mg/kg**
Naphthalene	**Soil**	**25**	**mg/kg**
Benzo(a)pyrene	**Soil**	**15**	**mg/kg**
Arsenic	**Soil**	**51**	**mg/kg**
Lead	**Soil**	**5,320**	**mg/kg**
Mercury	**Soil**	**15.4**	**mg/kg**
Zinc	**Soil**	**3,450**	**mg/kg**
Urban Fill	**Soil**		Select Units

Benzene: Benzene is a colorless liquid with a sweet odor. It evaporates into the air very quickly and dissolves slightly in water. It is highly flammable and is formed from both natural processes and human activities

Breathing very high levels of benzene can result in death, while high levels can cause drowsiness, dizziness, rapid heart rate, headaches, tremors, confusion, and unconsciousness. Eating or drinking foods containing high levels of benzene can cause vomiting, irritation of the stomach, dizziness, sleepiness, convulsions, rapid heart rate, and death. The major effect of benzene from long-term (365 days or longer) exposure is on the blood. Benzene causes harmful effects on the bone marrow and can cause a decrease in red blood cells leading to anemia. It can also cause excessive bleeding and can affect the immune system, increasing the chance for infection. Some women who breathed high levels of benzene for many months had irregular menstrual periods and a decrease in the size of their ovaries. It is not known whether benzene exposure affects the developing fetus in pregnant women or fertility in men. Animal studies have shown low birth weights, delayed bone formation, and bone marrow damage when pregnant animals breathed benzene.

Naphthalene: is a colorless or white/brown solid in flake or cake form, with mothball odor. Commonly found in coal tar, gasoline, or diesel fuels. Used to make mothballs and lubricants. This is a carcinogen and should be handled with extreme caution. Is a combustible solid and when heated is a dangerous fire hazard. Finely dispersed particles can form explosive mixtures. Absorption will cause irritation or burning to skin or eyes. Inhalation will cause irritation to nose and throat. High exposures will lead to headache, fatigue, tremors, and nausea. May also cause damage to liver and kidneys. The PEL 10 ppm averaged over an 8 hour shift.

Arsenic: The Occupational Safety and Health Administration has set limits of 10 microgram arsenic per cubic meter of workplace air (10 µg/m3) for 8 hour shifts and 40 hour work weeks. Several studies have shown that inorganic arsenic can increase the risk of lung cancer, skin cancer, bladder cancer, liver cancer, kidney cancer, and prostate cancer. The World Health Organization (WHO), the Department of Health and Human Services (DHHS), and the EPA have determined that inorganic arsenic is a human carcinogen.

Breathing high levels of inorganic arsenic can give you a sore throat or irritated lungs. Ingesting high levels of inorganic arsenic can result in death. Lower levels of arsenic can cause nausea and vomiting, decreased production of red and white blood cells, abnormal heart rhythm, damage to blood vessels, and a sensation of "pins and needles" in hands and feet.

Lead: The effects of lead are the same whether it enters the body through breathing or swallowing. Lead can affect almost every organ and system in your body. The main target for lead toxicity is the nervous system. Long-term exposure to lead can result in decreased performance in some tests measuring functions of the nervous system in adults. It may also cause weakness in fingers, wrists, or ankles. Lead exposure also causes small increases in blood pressure, particularly in middle-aged and older people and can cause anemia. Exposure to high lead levels can severely damage the brain and kidneys and ultimately cause death.

Mercury: is an odorless, silver metallic liquid. It can be inhaled or absorbed through the skin. Contact may cause irritation to the skin or eyes. Toxic if ingested. Fume inhalation may cause irritation in the nose, throat or lungs. This is a corrosive chemical. Symptoms of poisoning include, muscle tremors, loss of appetite, and nausea. Long-term exposure may have effects on the central nervous system and kidneys. The PEL is 0.1 mg/m^3 averaged over an 8 hour shift.

Zinc: is an odorless, bluish-white powder. It is typically used in paints and can be mixed with other metals to make bass and other types of alloys. Zinc can produce flammable gases when in contact with water, sometimes creating vigorous or explosive reactions. It can also create gaseous hydrogen in contact with water or moist air. Inhalation will cause irritation to eyes and respiratory system. Exposures cause flu-like symptoms, called “metal fume fever”, which can sometimes be delayed up to 48 hours after initial exposure.

Click + Add Additional Chemical Language

Site Hazards Checklist			
Weather			
Hot Temperatures	Cold Temperatures	Lightning Storms	Select Hazard
Select Hazard	Select Hazard	Select Hazard	Select Hazard

Hot Temperatures

Heat stress may occur at any time work is being performed at elevated ambient temperatures. Because heat stress is one of the most common and potentially serious illnesses associated with outdoor work during hot seasons, regular monitoring and other preventative measures are vital. Site workers must learn to recognize and treat the various forms of heat stress. The best approach is preventative heat stress management.

H&A employees and their subcontractors should be aware of potential health effects and/or physical hazards of working when there are hot temperatures or a high heat index. Refer OP1015-Heat Stress for a discussion on hot weather hazards.

Lightning Storms

Where the threat of electrical storms and the hazard of lightning exist staff shall ensure site procedures exist to: (1) detect when lightning is in the near vicinity and when there is a potential for lightning and (2) to notify appropriate site personnel of these conditions and (3) implement protocols to stop work and seek shelter.

The 30-30 Rule states that if time between seeing the lightning and hearing the thunder is less than 30 seconds, you are in danger and must seek shelter. You must also stay indoors for more than 30 minutes after hearing the last clap of thunder.

Cold Temperatures

Cold stress may occur at any time work is being performed at low ambient temperatures and high velocity winds. Because cold stress is common and has potentially serious illnesses associated with outdoor work during cold seasons, regular monitoring and other preventative measures are vital.

Refer to OP1003-Cold Stress for additional information and mitigation controls.

Biological			
Small Mammals	Mosquitoes	Stinging Insects	Choose an item.
Choose an item.	Choose an item.	Choose an item.	Choose an item.

Small Mammals

Rodents, are the most abundant order of mammals. There are hundreds of species of rats; the most common are the black and brown rat. Other rodents you may encounter are mice, beavers, squirrels, racoons, skunks, and opossums.

The Brown Rat has small ears, blunt nose, and short hair. It is approximately 14-18” long (with tail). They frequently infest garbage/rubbish, slaughterhouses, domestic dwellings, warehouses, and supermarkets. They also frequent any space with an easy meal and potential nesting sites. The Black Rat is identified by its tail, that is always longer than the length from the head to the body. It is also slimmer and more agile than the Brown rat. Its size varies according to its environment and food supply.

The House Mouse has the amazing ability to adapt and can frequently be found in human dwellings. In buildings, mice will live anywhere and difficult to keep out. Mice are omnivorous, they will eat anything. Rats and mice often become a serious problem in cold winter months when they seek food and warmth inside buildings. They may suddenly appear in large numbers when excavation work disturbs their in-ground nesting locations or their food source is changed.

Some major problems caused by rats and mice are contaminating the food they eat with urine and excrement. Gnawing into materials such as paper, wood, or upholstery, to use as nest material. Also gnawing plastic, cement, soft metals such as lead and aluminum, and wiring, which may cause a fire hazard. Occasionally biting people and may kill small animals. They, or the parasites they carry, like fleas, mites and worms, spread many diseases such as salmonella, trichinosis, rat bite fever, hantavirus, Weil's disease, and bubonic plague. They damage ornamental plants by burrowing among the roots or feeding on new growth. They also eat garden vegetables, such as corn and squash. These rodents have been a problem for centuries, because of their incredible ability to survive and are so difficult to eliminate. In addition, they are extremely compatible with human behavior and needs.

Avoid contact with rodents, if possible. Avoid contact with rodent excrement. Do not eat food or water that may have encountered rodent excrement. If exposed, wash hands and avoid touching your face with your hands.

Mosquitos

Work outdoors with temperatures above freezing will likely bring staff into contact with mosquitos. There are a variety of mosquito species that can transmit a range of diseases. Birds act as reservoirs for the viruses that can be collected by the mosquito and transmitted to a person. Majority of mosquitos are mainly a nuisance but staff need to take appropriate precautions to minimize the potential transmission of a virus that can result in one of the following diseases: West Nile, Eastern Equine Encephalitides and Western Encephalitides. Knowing some key steps that can minimize the risk of mosquito bites is, therefore, important in reducing the risks. Workers working outdoors should be aware that the use of PPE techniques is essential to preventing mosquito bites especially when working at sites where mosquitoes may be active and biting.

Use repellents containing DEET, picaridin, IR3535, and some oil of lemon eucalyptus and para-menthane-diol products provide longer-lasting protection. To optimize safety and effectiveness, repellents should be used according to the label instructions. Cover as much of your skin as possible by wearing shirts with long-sleeves, long pants, and socks whenever possible. Avoid use of perfumes and colognes when working outdoors during peak times when mosquitoes may be active; mosquitoes may be more attracted to individuals wearing perfumes and colognes.

Stinging Insects

Stinging Insects fall into two major groups: Apidae (honeybees and bumblebees) and vespids (wasps, yellow jackets, and hornets). Apidae are docile and usually do not sting unless provoked. The stinger of the honeybee has multiple barbs, which usually detach after a sting. Vespids have few barbs and can inflict multiple stings.

There are several kinds of stinging insects that might be encountered on the project site. Most stings will only result in a temporary injury. However, sometimes the effects can be more severe, even life-threatening depending on where you are stung and what allergies you have. Being stung in the throat area of the neck may cause edema (swelling caused by fluid build-up in the tissues) around the throat and may make breathing difficult.

In rare cases, a severe allergic reaction can occur. This can cause "anaphylaxis" or anaphylactic shock with symptoms appearing immediately or up to 30 minutes later. Symptoms include; Hives, itching and swelling in areas other than the sting site, swollen eyes/eyelids, wheezing, chest tightness, difficulty breathing, hoarse voice, swelling of the tongue, dizziness or sharp drop in blood pressure, shock, unconsciousness or cardiac arrest. Reactions can occur the first time you are stung or with subsequent stings. If you see any signs of reaction, or are unsure, call or have a co-worker call emergency medical services (e.g., 911) right away. Get medical help for stings near the eyes, nose or throat. Stay with the person who has been stung to monitor their reaction.

Staff who are allergic to bee stings are encouraged to inform their staff/project manager. If staff member carries an Epi-pen (i.e., epinephrine autoinjector) they are encouraged to inform their colleagues in case they are stung and are incapable of administering the injection. Examine site for any signs of activity or a hive/nest. If you see several insects flying around, see if they are entering/exiting from the same place. Most will not sting unless startled or attacked. Do not swat, let insects fly away on their own. If you must, walk away slowly or gently "blow" them away. If a nest is disturbed and you hear "wild" buzzing, protect your face with your hands and run from the area immediately. Wear long sleeves, long pants, and closed-toed boots. Wear light colored clothes such as khakis. Avoid brightly colored, patterned, or black clothing. Tie back long hair to avoid bees or wasps from entanglement. Do not wear perfumes, colognes or scented soaps as they contain fragrances that are attractive. If bee or wasp is found in your car, stop and leave windows open.

Location/Terrain			
Slip/Trip/Falls	SIMOPS	Choose an item.	Choose an item.

Slips, Trips & Falls

Slip and trip injuries are the most frequent injuries to workers. Statistics show most falls happen on the same level resulting from slips and trips. Both slips and trips result from unintended or unexpected change in the contact between the feet and the ground or walking surface. Good housekeeping, quality of walking surfaces (flooring), awareness of surroundings, selection of proper footwear, and appropriate pace of walking are critical for preventing fall accidents.

Site workers will be walking on a variety of irregular surfaces, that may affect their balance. Extra care

must be taken to walk cautiously near rivers because the bottom of the riverbed maybe slick and may not be visible. Rocks, gradient changes, sandy bottoms, and debris may be present but not observable.

Take your time and pay attention to where you are going. Adjust your stride to a pace that is suitable for the walking surface and the tasks you are doing. Check the work area to identify hazards - beware of trip hazards such as wet floors, slippery floors, and uneven surfaces or terrain. Establish and utilize a pathway free of slip and trip hazards. Choose a safer walking route. Carry loads you can see over. Keep work areas clean and free of clutter. Communicate hazards to on-site personnel and remove hazards as appropriate.

SIMOPS

SIMOPS are described as the potential class of activities which could bring about an undesired event or set of circumstances, e.g., safety, environment, damage to assets, schedule, commercial, financial, etc. SIMOPS are defined as performing two or more operations concurrently.

SIMOPS should be identified at an early stage before operations commence to understand issues such as schedule and physical clashes, maintenance activities, failure impacts, interferences between vessels, contracts and third part interfaces and environmental impacts.

Coordinate project with site activities. Identify and understand the hazards associated with the host and client's activities. Integrate site emergency response protocols where appropriate and communicate to all project staff. Integrate site communication protocols and communicate to all project staff.

Click + to Add Additional Hazard Language

Miscellaneous			
Extended Shift	Choose an item.	Choose an item.	Choose an item.

Extended Shift

An extended shift can include extending a workday beyond eight hours. Extended or unusual work shifts may be more stressful physically, mentally, and emotionally. Non-traditional shifts and extended work hours may disrupt the body's regular schedule, leading to increased fatigue, stress, and lack of concentration. This leads to an increased risk of operator error, injuries and/or accidents. The degree to which an individual is exposed to fatigue risk factors depends upon the work schedule. As both the duration of the workday and the number of days worked increase so does the fatigue risk factors. Staff Managers need to be aware of the fatigue risk factors and ensure projects are structured to mitigate these factors. Staff Members also have a responsibility to manage the personal fatigue risk factors that they can control outside of work (e.g, duration and quality of sleep, diet, drugs, and alcohol)

Fatigue is a message to the body to rest and can be eliminated with proper rest. However, if rest is not possible, fatigue can increase and becomes distressing and eventually debilitating. Fatigue symptoms, both mental and physical, vary and depend on the person and degree of overexertion. Examples include: weariness, sleepiness, irritability, reduced alertness, lack of memory, concentration and motivation, increased susceptibility to illness, depression, headache, loss of appetite, and digestive problems.

When possible, managers should limit use of extended shifts and increase the number of days worked. Working shifts longer than 8 hours generally result in reduced productivity and alertness. Additional breaks and meals should be provided when working extended shift periods. Tasks requiring heavy physical labor or intense concentration should be performed at the beginning of the shift if possible. This is an important consideration for pre-emergency planning.

Make efforts, when feasible, to ensure that unavoidable extended work shifts and shift changes allow affected employees time for adequate rest and recovery. Project Managers need to plan to have an adequate number of personnel available to enable workers to take breaks, eat meals, relax, and sleep.

Plan for regular and frequent breaks throughout the work shift. If at remote sites, ensure if possible, that there is a quiet, secluded area designated for rest and recuperation. In addition to formal breaks such as lunch or dinner, encourage use of micro breaks to change positions, move about, and shift concentration. Personnel should look to obtain an adequate quantity and quality of sleep.

Task Hazard Summary

Task 1 – Air Sampling

Air sampling is conducted to monitor levels of air contaminants. Air is the most transient environmental medium and subject to extreme spatial and temporal heterogeneity. Air sampling matrices include: Ambient (outdoor) air, indoor air, point sources (stacks, exhausts, and other emission sources), fugitive emissions (sources of air pollutants other than stacks or vents), and monitor and evaluate remediation processes. Samples can be collected in tedlar bags, sorbent tubes, or summa canisters.

Safety precautions during air sampling include a review of possible environmental hazards before entering the site and the use of proper clothing and equipment. Workers performing stack sampling and air monitoring during emergency situations may be exposed to hazardous levels of air pollutants. Therefore, the JHA must specify what kind of real-time air monitoring will be performed, the action levels for the use of respirators, and the types of respirators to be worn if action levels are exceeded. Safety must always be considered to ensure that the chosen field measurement instrument is compatible with the potential hazard. For example, some instruments are capable of detecting explosive hazards, but not all are safe for operations under these conditions. If the atmospheric concentration is potentially greater than 25% of the lower explosive limit, the meter itself must be certified safe for operation (FM, UL or MSHA certified). Operators should be thoroughly familiar with the instrument and operating instructions before use. Always read or review the manual prior to using an instrument in the field.

Safety concerns are of critical importance in performing sampling at heights due to the possibility of, falling, dropping equipment on workers below, and possibly weather related hazards such as ice, snow, and rain if sampling outdoors.

Gases used to calibrate and operate some instruments come in pressurized cylinders and many are flammable. Proper care should be taken when handling these materials. Light sources from some instruments can cause eye damage when viewed directly.

Task Physical Hazards Checklist	
Potential Task Hazards	**Task 1** **Indoor Air Sampling**
Congested Area	☒
Energized Equipment	☒
Ergonomics	☒
Excavation/Trenching	☐
Generated Wastes	☒
Ground Disturbance	☐
Hand/Power Tools	☒
Heavy Equipment	☐
Line of Fire	☐
Manual Lifting	☒
Noise	☐
Overhead Utilities	☐
Slippery Surfaces	☒
Sharp Objects	☒
Underground Utilities	☐
Other: Specify	☐

Congested Areas

Working in congested areas can expose both workers and the public to a wide range of hazards depending upon the specific activities taking place. Staff Members need to understand the work scope, work areas, equipment on-site, and internal traffic patterns to minimize or eliminate exposure potential.

Controls

- Provide barricades, fencing, warning signs/signals and adequate lighting to protect people while working in or around congested areas.
- Vehicles and heavy equipment with restricted views to the rear should have functioning back-up alarms that are audible above the surrounding noise levels. Whenever possible, use a signaler to assist heavy equipment operators and/or drivers in backing up or maneuvering in congested areas.
- Lay out traffic control patterns to eliminate excessive congestion.
- Workers in congested areas should always wear high visibility clothing.
- Be aware of Line of Fire hazards when performing work activities in congested areas.
- Hazards associated with SIMOPs should be discussed daily at Tailgate Safety Meetings.

Energized Equipment

Energy sources including electrical, mechanical, hydraulic, pneumatic, or other sources in machines and equipment can be hazardous to workers. During servicing and maintenance of machines and equipment, the unexpected startup or release of stored energy can result in serious injury or death to workers.

Staff members that are required to work on energized equipment must first ensure that the source of energy is isolated and/or de-energized. In addition, any stored energy must also be released. Staff must ensure that the process to de-energize and isolate energy sources is documented and communicated to those who are working on the equipment. Staff must be trained on and understand the procedure.

See OP 1032 Control of Hazardous Energy for more information.

Controls

- Document process to de-energize or isolate energy sources.
- Ensure staff are appropriately trained to conduct work requiring LOTO.
- Affix log or tag to equipment to ensure improper start-up or release of energy.
- Execute an Energy Isolation Permit.

Ergonomics

Most Work-related Musculoskeletal Disorders (WMSDs) are caused by Ergonomic Stressors. Ergonomic Stressors are caused by poor workplace practices and/or insufficient design, which may present ergonomic risk factors. These stressors include, but not limited to, repetition, force, extreme postures, static postures, quick motions, contact pressure, vibration, and cold temperatures.

WMSDs are injuries to the musculoskeletal system, which involves bones, muscles, tendons, ligaments, and other tissues in the system. Symptoms may include numbness, tightness, tingling, swelling, pain, stiffness, fatigue, and/or redness. WMSD are usually caused by one or more Ergonomic Stressors. There

may be individual differences in susceptibility and symptoms among employees performing similar tasks. Any symptoms are to be taken seriously and reported immediately.

See OP1053 Ergonomics for more information.

Controls

- Ensure workstations are ergonomically correct so bad posture is not required to complete tasks.
- Take periodic breaks over the course of the day.
- Stretch during break times.
- Break up tasks that require repetitive motion.
- Contact Corporate H&S with any ergonomic concerns

Enter any content that you want to repeat, including other content controls. You can also insert this control around table rows in order to repeat parts of a table.

Generated Waste

Activities on environmental sites may generate waste that requires regulated handling and disposal. Excess sample solids, decontamination materials, poly sheeting, used PPE, etc. that are determined to be free of contamination through field or laboratory screening can usually be disposed into client-approved, on-site trash receptacles. Uncontaminated wash water may be discarded onto the ground surface away from surface water bodies in areas where infiltration can occur. Contaminated materials must be segregated into liquids or solids and drummed separately for off-site disposal.

Controls

- Manage waste properly through good work practices.
- Collect, store, containerize waste, and dispose of it properly.
- All wastes generated shall be containerized in an appropriate container (i.e. open or closed top 55-gallon drum, roll-off container, poly tote, cardboard box, etc.) as directed by the PM.
- Containers should be inspected for damages or defects
- Waste containers should be appropriately labeled indicating the contents, date the container was filled, owner of the material (including address) and any unique identification number, if necessary.
- Upon completion of filling the waste container, the container should be inspected for leaks and an appropriate seal.

Choose a building block.

Hand and Power Tools

Hand and power tools can expose staff to a wide range of hazards depending upon the tool used. Hazards can include but are not limited to: falling, flying, abrasive, and splashing objects, or harmful dusts, fumes, mists, vapors, or gases.

Serious accidents often occur before steps are taken to evaluate and avoid or eliminate tool-related hazards. Staff must recognize the hazards associated with the different types of tools and the safety precautions necessary to prevent those hazards.

See OP 1026 Hand and Power Tools for more information.

Controls

- Keep all tools in good condition with regular maintenance.
- Use the right tool for the job. Do not use a tool for a task which it was not designed for.
- Examine each tool for damage before use and do not use damaged tools.
- For tools that are damaged or defective, red tag the tool and take out of service.
- Operate tools per the manufacturers' instructions.
- Use the appropriate personal protective equipment.
- All electrically powered tools will be connected through a ground fault circuit interrupter (GFCI).
- All personnel must be trained on the use of the tool they are utilizing.

Choose a building block.
Choose a building block.

Manual Lifting/Moving

Most materials associated with investigation, remedial, or construction-related activities are moved by hand. The human body is subject to damage in the forms of back injury, muscle strains, and hernia if caution is not observed in the handling process.

Controls

- Under no circumstances should any one person lift more than 49 pounds unassisted.
- Always push, not pull, the object when possible.
- Size up the load before lifting. If it is heavy or clumsy, get a mechanical aid or help from a worker.
- Bend the knees; it is the single most important aspect of lifting.
- When performing the lift:
    - Place your feet close to the object and center yourself over the load.
    - Get a good handhold.
    - Lift straight up, smoothly and let your legs do the work, not your back!
    - Avoid overreaching or stretching to pick up or set down a load.
    - Do not twist or turn your body once you have made the lift.
    - Make sure beforehand that you have a clear path to carry the load.
    - Set the load down properly.

Choose a building block.
Choose a building block.

Slippery Surfaces

Both slips and trips result from unintended or unexpected change in the contact between the feet and ground or walking surface. Good housekeeping, quality of walking surfaces, selection of proper footwear, and appropriate pace of walking are critical for preventing fall accidents. Slips happen where there is too little friction or traction between the footwear and walking surface.

Common causes of slips are wet or oily surfaces, spills, weather hazards, loose unanchored rugs or mats and flooring or other walking surfaces that do not have same degree of traction in all areas.

Weather-related slips and falls become a serious hazard as winter conditions often make for wet or icy surfaces outdoors. Even wet organic material or mud can create hazardous walking conditions. Spills and leaks can also lead to slips and falls.

Controls

- Evaluate the work area to identify any conditions that may pose a slip hazard.

- Address any spills, drips or leaks immediately.
- Mark areas where slippery conditions exist.
- Select proper footwear or enhance traction with additional PPE.
- Where conditions are uncertain or environmental conditions result in slippery surfaces walk slowly, take small steps, and slide feet on wet or slippery surfaces.

Sharp Objects

Workers who handle sharp edged objects like sheets of steel or glass are at risk of cuts. Workers who handle sharp edged objects are also at risk of cuts. Injuries may occur to hands, fingers, or legs when they are in the way of the blade, when the blade slips, or if an open blade is handled unexpectedly. Other hazards at job sites include stepping on sharp objects (e.g. wooden boards with protruding nails, sharp work-tools, chisels, etc.) and colliding with sharp and/or protruding objects.

Controls

Always be alert when handling sharps. Never look away or become distracted while handling sharp objects. Use caution when working with tools; use right tool for the job. Keep tools sharp, dull blades are a safety hazard, requiring more force to make cuts which can lead to tool slippage. Wear appropriate PPE and do not handle sharp objects (i.e., broken glass) with bare hands. Use mechanical devices, when possible. Stay away from building debris; avoid handling site debris or placing your hand where you cannot see. Watch out for barbed wire and electrical fences; cover with a car mat or equivalent to cross or walk around; use the buddy system to avoid entanglement; wear gloves. Do not leave unprotected sharps unattended. Use protective shields, cases, styrofoam blocks, etc. Pass a sharp by handing it over carefully by the handle with the blade down or retracted. Fixed open blades are prohibited. Always cut away from the body, making several passes when cutting thicker materials. Make sure blades are fitted properly into the knife. Never cut items with a blade or other sharp object on your lap. Never try to catch a blade or cutting tool that is falling.

Choose a building block.

4. PROTECTIVE MEASURES

The personal protective equipment and safety equipment (if listed) is specific to the associated task. The required PPE and equipment listed must be onsite during the task being performed. Work shall not commence unless the required PPE or Safety Equipment is present.

Required Safety & Personal Protective Equipment

Required Personal Protective Equipment (PPE)	**Task 1**			
	Indoor Air Sampling	Enter task description.	Enter task description.	Enter task description.
Hard hat	☐	☐	☐	☐
Safety Glasses	☒	☐	☐	☐
Safety Toed Shoes	☒	☐	☐	☐
Class 2 Safety Vest	☒	☐	☐	☐
Hearing Protection	☐	☐	☐	☐
Nitrile Gloves	☒	☐	☐	☐
Cut Resistant Gloves	☒	☐	☐	☐
Level of protection required	D	D		
Required Safety Equipment				
First Aid Kit	☒	☐	☐	☐
Choose an item.	☐	☐	☐	☐

5. TRAINING REQUIREMENTS

The table below lists the training requirements staff must have respective to their assigned tasks and that are required to access the Site.

Site Specific Training Requirements
HAZWOPER - 40 Hour (Initial)
HAZWOPER - 8 Hour (Annual Refresher)
Choose an item.

6. AIR MONITORING PLAN AND EQUIPMENT

Exposures to airborne substances shall be fully characterized throughout project operations to ensure that exposure controls are effectively selected and modified as needed.

Is air/exposure monitoring required at this work site for personal protection? Yes

Is perimeter monitoring required for community protection? No

Air monitoring plan not applicable No

Air Monitoring/Screening Equipment Requirements

Photo-Ionization Detector (PID) 10.6eV

The required equipment listed above must be on site. Work shall not commence unless the equipment is present and in working order.

Monitoring Plans

Parameter/ Contaminant	Equipment	Action Level	Response Activity
VOCs	PID 10.6 eV	< 5 ppm	Continue work and monitoring.
		>5 ppm for 5 minutes	Clear Instrument and Re-Monitor the Area. Implement PPE upgrades
		>5 ppm for >5 minutes	Evacuate the area and call the RHSM and/or PM for further guidance. Implement engineering controls.

Zone Location and Monitoring Interval
Breathing zone and edge of Exclusion Zone.

***If chemical does not have an action level use TLV or REL, whichever is lowest, to be used as an action level. If TLV or REL are the same as PEL, cut the PEL in half for an action level.**

7. DECONTAMINATION & DISPOSAL METHODS

All possible and necessary steps shall be taken to reduce or minimize contact with chemicals and contaminated/impacted materials while performing field activities (e.g., avoid sitting or leaning on, walking through, dragging equipment through or over, tracking, or splashing potential or known contaminated/impacted materials.)

Personal Hygiene Safeguards

The following minimum personal hygiene safeguards shall be adhered to:

1. No smoking or tobacco products in any project work areas.
2. No eating or drinking in the exclusion zone.
3. It is required that personnel present on site wash hands before eating, smoking, taking medication, chewing gum/tobacco, using the restroom, or applying cosmetics and before leaving the site for the day.

It is recommended that personnel present on site shower or bathe at home at the end of each day of working on the site.

Decontamination Supplies

All decontamination should be conducted at the project site in designated zones or as dictated by Client requirements. Decontamination should not be performed on Haley & Aldrich owned or leased premises.

☐ Acetone	☒ Distilled Water	☐ Polyethylene Sheeting
☒ Alconox Soap	☐ Drums	☐ Pressure/Steam Cleaner
☒ Brushes	☐ Hexane	☒ Tap Water
☒ Disposal Bags	☐ Methanol	☐ Wash tubs
☒ 5 Gallon Buckets	☒ Paper Towels	☐ Other: Specify

Location of Decontamination Station

To be communicated during Site kick-off meeting.

Standard Personal Decontamination Procedures

Outer gloves and boots should be decontaminated periodically as necessary and at the end of the day. Brush off solids with a hard brush and clean with soap and water or other appropriate cleaner whenever possible. Remove inner gloves carefully by turning them inside out during removal. Wash hands and forearms frequently. It is good practice to wear work-designated clothing while on-site which can be removed as soon as possible. Non-disposable overalls and outer work clothing should be bagged onsite prior to laundering. If gross contamination is encountered on-site contact the Project Manager and Field Safety Manager to discuss proper decontamination procedures.

The steps required for decontamination will depend upon the degree and type of contamination but will generally follow the sequence below.

1. Remove and wipe clean hard hat
2. Rinse boots and gloves of gross contamination
3. Scrub boots and gloves clean
4. Rinse boots and gloves
5. Remove outer boots (if applicable)
6. Remove outer gloves (if applicable)
7. Remove Tyvek coverall (if applicable)
8. Remove respirator, wipe clean and store (if applicable)
9. Remove inner gloves (if outer gloves were used)

PPE that is not grossly contaminated can be bagged and disposed in regular trash receptacles.

Small Equipment Decontamination

Pretreatment of heavily contaminated equipment may be conducted as necessary:

1. Remove gross contamination using a brush or wiping with a paper towel
2. Soak in a solution of Alconox and water (if possible)
3. Wipe off excess contamination with a paper towel

Standard decontamination procedure:

4. Wash using a solution of Alconox and water
5. Rinse with potable water
6. Rinse with methanol (or equivalent)
7. Rinse with distilled/deionized water

Inspect the equipment for any remaining contamination and repeat as necessary.

Disposal Methods
Procedures for disposal of contaminated materials, decontamination waste, and single use personal protective equipment shall meet applicable client, locate, State, and Federal requirements.
Disposal of Single Use Personal Protective Equipment
PPE that is not grossly contaminated can be bagged and disposed in regular trash receptacles. PPE that is grossly contaminated must be bagged (sealed and field personnel should communicate with the Project Manager to determine proper disposal.
• Contaminated soil cuttings and spoils must be containerized for disposal off-site unless otherwise specifically directed. • Soil cuttings and spoils determined to be free of contamination through field screening can usually be returned to the boreholes or excavations from which they came.

8. SITE CONTROL

The overall purpose of site control is to minimize potential contamination of workers, protect the public from the site's hazards, and prevent vandalism. Site control is especially important in emergency situations. The degree of site control necessary depends on site characteristics, site size, and the surrounding community. The following information identifies the elements used to control the activities and movements of people and equipment at the project site.

Communication

Internal

Haley & Aldrich site personnel will communicate with other Haley & Aldrich staff member and/or subcontractors or contractors with:

Face to Face Communication

External

H&S site personnel will use the following means to communicate with off-site personnel or emergency services.

Cellular Phones

Visitors

Project Site

Will visitors be required to check-in prior to accessing the project site?

Yes

Visitor Access

Authorized visitors that require access to the project site need to be provided with known information with respect to the site operations and hazards as applicable to the purpose of their site visit. Authorized visitors must have the required PPE and appropriate training to access the project site.

Sarah Commisso is responsible for facilitating authorized visitor access.

Zoning

Work Zone

The work zone will be clearly delineated to ensure that the general public or unauthorized worker access is prevented. The following will be used:

Cones
Barricades
Temporary Fencing

9. SITE SPECIFIC EMERGENCY RESPONSE PLAN

The Emergency Response Plan addresses potential emergencies at this site, procedures for responding to these emergencies, roles, responsibilities during emergency response, and training. This section also describes the provisions this project has made to coordinate its emergency response with other contractors onsite and with offsite emergency response organizations (as applicable).

During the development of this emergency response plan, local, state, and federal agency disaster, fire, and emergency response organizations were consulted (if required) to ensure that this plan is compatible and integrated with plans of those organizations. Documentation of the dates of these consultations are the names of individuals contacted is kept on file and available upon request.

The site has been evaluated for potential emergency occurrences, based on site hazards, and the major categories of emergencies that could occur during project work are:

- Fire(s)/Combustion
- Hazardous Material Event
- Medical Emergency
- Natural Disaster

A detailed list of emergency types and response actions are summarized in Table X below. Prior to the start of work, the SSO will update the table with any additional site-specific information regarding evacuations, muster points, or additional emergency procedures. The SSO will establish evacuation routes and assembly areas for the Site. All personnel entering the Site will be informed of these routes and assembly areas.

Pre-Emergency Planning

Before the start of field activities, the Project Manager will ensure preparation has been made in anticipation of emergencies. Preparatory actions include the following:

Meeting with the subcontractor/and or client concerning the emergency procedures in the event a person is injured. Appropriate actions for specific scenarios will be reviewed. These scenarios will be discussed, and responses determined before the sampling event commences. A form of emergency communication (i.e.; Cell phone, Air horn, etc.) between the Project Manager and subcontractor and/or client will be agreed on before the work commences.

A training session (i.e., “safety meeting”) given by the Project Manager or their designee informing all field personnel of emergency procedures, locations of emergency equipment and their use, and proper evacuation procedures.

Ensuring field personnel are aware of the existence of the emergency response HASP and ensuring a copy of the HASP accompanies the field team(s).

Onsite Emergency Response Equipment

Emergency procedures may require specialized equipment to facilitate work rescue, contamination control and reduction or post-emergency cleanup. Emergency response equipment stocked

Table 9.1 Emergency Equipment and Emergency PPE			
Emergency Equipment	**Specific Type**	**Quantity Stocked**	**Location Stored**
First Aid Kit	ANSI	1 Kit	With H&A Staff
Emergency PPE	**Specific Type**	**Quantity Stocked**	**Location Stored**
Gloves	Nitrile	Enter text	With H&A Staff

EVACUATION ALARM
Will be communicated during the Onsite Kickoff Meeting
EVACUATION ROUTES
Will be given a map after site specific training
EVACUATION MUSTER POINT(S)/ SHELTER AREA(S)
Will be given a locations after site specific training
EVACUTION RESPONSE DRILLS
The Site relies on outside emergency responders and a drill is not required.

Table 9-2 – Emergency Planning

Emergency Type	Notification	Response Action	Evacuation Plan/Route
Chemical Exposure	Report event to SSO immediately	Refer to Safety Data Sheet for required actions	Remove personnel from work zone
Fire - Small	Notify SSO and contact 911	Use fire extinguisher if safe and qualified to do so	Mobilize to *Muster Point*
Fire – Large/Explosion	Notify SSO and contact 911	Evacuate immediately	Mobilize to *Muster Point*
Hazardous Material – Spill/Release	Notify SSO; SSO will contact PM to determine if additional agency notification is	If practicable don PPE and use spill kit and applicable procedures to contain the release	See Evacuation Map for route, move at least 100 ft upwind of spill location
Medical – Bloodborne Pathogen	Notify SSO	If qualified dispose in container or call client or city to notify for further instruction.	None Anticipated
Medical – First Aid	Notify SSO	If qualified perform first aid duties	None Anticipated
Medical – Trauma	If life threatening or transport is required call 911, immediately	Wait at site entrance for ambulance	Noe Anticipated
Security Threat	Notify SSO who will call 911 as warranted	Keep all valuables out of site and work zones delineated.	None Anticipated
Weather – Earthquake/Tsunami's	STOP WORK and evacuate Site upon any earthquake	Turn off equipment and evacuate as soon as is safe to do so	Mobilize to *Shelter Location*
Weather – Lightning Storm	STOP WORK	Work may resume 30 minutes after the last observed lightning.	None Anticipated
Weather – Tornadoes/Hurricanes	Monitor weather conditions STOP WORK and evacuate the site	Evacuate to shelter location or shelter in place immediately	Mobilize to *Shelter Location*
MUSTER POINT To be communicated during Site kick-off meeting		*SHELTER LOCATION* To be communicated during Site kick-off meeting	
In case of site emergencies, site personnel shall be evacuated per this table and will not participate in emergency response activities. Site emergencies shall be reported to local, state, and federal governmental agencies as required.			

10. HASP ACKNOWLEDGEMENT FORM

All Haley & Aldrich employees onsite must sign this form prior to entering the site.

I hereby acknowledge receipt of, and briefing on, this HASP prior to the start of on-site work. I declare that I understand and agree to follow the provisions, processes, and procedures set forth herein at all times while working on this site.

Printed Name	Signature	Date

ATTACHMENT A
HASP AMENDMENT FORM

HASP AMENDMENT FORM

This form is to be used whenever there is an immediate change in the project scope that will require an amendment to the HASP. For project scope changes associated with "add-on" tasks, the changes must be made in the body of the HASP. Before changes can be made, a review of the potential hazards must be initiated by the Haley & Aldrich Project Manager.

This original form must remain on site with the original HASP. If additional copies of this HASP have been distributed, it is the Project Manager's responsibility to forward a signed copy of this amendment to those who have copies.

Amendment No.	
Site Name	
Work Assignment No.	
Date	
Type of Amendment	
Reason for Amendment	
Alternate Safeguard Procedures	
Required Changes in PPE	

Project Manager Name (Print)	Project Manager Signature	Date

Health & Safety Approver Name (Print)	Health & Safety Approver Signature	Date

ATTACHMENT B
TRAINING REQUIREMENTS

TRAINING REQUIREMENTS

Health and Safety Training Requirements

Personnel will not be permitted to supervise or participate in field activities until they have been trained to a level required by their job function and responsibility. Haley & Aldrich staff members, contractors, subcontractors, and consultants who have the potential to be exposed to contaminated materials or physical hazards must complete the training described in the following sections.

The Haley & Aldrich Project Manager/FSM will be responsible for maintaining and providing to the client/site manager documentation of Haley & Aldrich staff members' compliance with required training as requested. Records shall be maintained per OSHA requirements.

40-Hour Health and Safety Training

The 40-Hour Health and Safety Training course provides instruction on the nature of hazardous waste work, protective measures, proper use of personal protective equipment, recognition of signs and symptoms which might indicate exposure to hazardous substances, and decontamination procedures. It is required for all personnel working on-site, such as equipment operators, general laborers, and supervisors, who may be potentially exposed to hazardous substances, health hazards, or safety hazards consistent with 29 CFR 1910.120.

8-hour Annual Refresher Training

Personnel who complete the 40-hour health and safety training are subsequently required to attend an annual 8-hour refresher course to remain current in their training. When required, site personnel must be able to show proof of completion (i.e., certification) at an 8-hour refresher training course within the past 12 months.

8-Hour Supervisor Training

On-site managers and supervisors directly responsible for, or who supervise staff members engaged in hazardous waste operations, should have eight additional hours of Supervisor training in accordance with 29 CFR 1910.120. Supervisor Training includes, but is not limited to, accident reporting/investigation, regulatory compliance, work practice observations, auditing, and emergency response procedures.

Additional Training for Specific Projects

Haley & Aldrich personnel will ensure their personnel have received additional training on specific instrumentation, equipment, confined space entry, construction hazards, etc., as necessary to perform their duties. This specialized training will be provided to personnel before engaging in the specific work activities including:

- Client specific training or orientation
- Competent person excavations
- Confined space entry (entrant, supervisor, and attendant)
- Heavy equipment including aerial lifts and forklifts
- First aid/ CPR
- Use of fall protection
- Use of nuclear density gauges
- Asbestos awareness

ATTACHMENT C
ROLES AND RESPONSIBILITIES

SITE ROLES AND RESPONSIBILITIES

Haley & Aldrich Personnel

Field Safety Manager (FSM)

The Haley & Aldrich FSM is a full-time Haley & Aldrich staff member, trained as a safety and health professional, who is responsible for the interpretation and approval of this Safety Plan. Modifications to this Safety Plan cannot be undertaken by the PM or the SSO without the approval of the FSM.

Specific duties of the FSM include:

- Approving and amending the Safety Plan for this project
- Advising the PM and SHSOs on matter relating to health and safety
- Recommending appropriate personal protective equipment (PPE) and air monitoring instrumentation
- Maintaining regular contact with the PM and SSO to evaluate the conditions at the property and new information which might require modifications to the HASP and
- Reviewing and approving JSAs developed for the site-specific hazards.

Project Manager (PM)

The Haley & Aldrich PM is responsible for ensuring that the requirements of this HASP are implemented at that project location. Some of the PM´s specific responsibilities include:

- Assuring that all personnel to whom this HASP applies have received a copy of it;
- Providing the FSM with updated information regarding environmental conditions at the site and the scope of site work;
- Providing adequate authority and resources to the on-site SHSO to allow for the successful implementation of all necessary safety procedures;
- Supporting the decisions made by the SHSO;
- Maintaining regular communications with the SHSO and, if necessary, the FSM;
- Coordinating the activities of all subcontractors and ensuring that they are aware of the pertinent health and safety requirements for this project;
- Providing project scheduling and planning activities; and
- Providing guidance to field personnel in the development of appropriate Job Safety Analysis (JSA) relative to the site conditions and hazard assessment.

Site Health & Safety Officer (SHSO)

The SHSO is responsible for field implementation of this HASP and enforcement of safety rules and regulations. SHSO functions may include some or all of the following:

- Act as Haley & Aldrich´s liaison for health and safety issues with client, staff, subcontractors, and agencies.
- Verify that utility clearance has been performed by Haley & Aldrich subcontractors.
- Oversee day-to-day implementation of the Safety Plan by Haley & Aldrich personnel on site.

- Interact with subcontractor project personnel on health and safety matters.
- Verify use of required PPE as outlined in the safety plan.
- Inspect and maintain Haley & Aldrich safety equipment, including calibration of air monitoring instrumentation used by Haley & Aldrich.
- Perform changes to HASP and document in Appendix A of the HASP as needed and notify appropriate persons of changes.
- Investigate and report on-site accidents and incidents involving Haley & Aldrich and its subcontractors.
- Verify that site personnel are familiar with site safety requirements (e.g., the hospital route and emergency contact numbers).
- Report accidents, injuries, and near misses to the Haley & Aldrich PM and FSM as needed.

The SHSO will conduct initial site safety orientations with site personnel (including subcontractors) and conduct toolbox and safety meetings thereafter with Haley & Aldrich employees and Haley & Aldrich subcontractors at regular intervals and in accordance with Haley & Aldrich policy and contractual obligations. The SHSO will track the attendance of site personnel at Haley & Aldrich orientations, toolbox talks, and safety meetings.

Field Personnel

Haley & Aldrich personnel are responsible for following the health and safety procedures specified in this HASP and for performing their work in a safe and responsible manner. Some of the specific responsibilities of the field personnel are as follows:

- Reading the HASP in its entirety prior to the start of on-site work;
- Submitting a completed Safety Plan Acceptance Form and documentation of medical surveillance and training to the SHSO prior to the start of work;
- Attending the pre-entry briefing prior to beginning on-site work;
- Bringing forth any questions or concerns regarding the content of the Safety Plan to the PM or the SHSO prior to the start of work;
- Stopping work when it is not believed it can be performed safely;
- Reporting all accidents, injuries and illnesses, regardless of their severity, to the SHSO;
- Complying with the requirements of this safety plan and the requests of the SHSO; and
- Reviewing the established JSAs for the site-specific hazards on a daily basis and prior to each shift change, if applicable.

Visitors

Authorized visitors (e.g., Client Representatives, Regulators, Haley & Aldrich management staff, etc.) requiring entry to any work location on the site will be briefed by the Site Supervisor on the hazards present at that location. Visitors will be escorted at all times at the work location and will be responsible for compliance with their employer´s health and safety policies. In addition, this safety plan specifies the minimum acceptable qualifications, training and personal protective equipment which are required for entry to any controlled work area; visitors must comply with these

requirements at all times. Unauthorized visitors, and visitors not meeting the specified qualifications, will not be permitted within established controlled work areas.

SUBCONTRACTOR PERSONNEL

Subcontractor Site Representative

Each contractor and subcontractor shall designate a Contractor Site Representative. The Contractor Site Representative will interface directly with Insert Staff Name Here, the Subcontractor Site Safety Manager, with regards to all areas that relate to this safety plan and safety performance of work conducted by the contractor and/or subcontractor workforce. Contractor Site Representatives for this site are listed in the Contact Summary Table at the beginning of the Safety Plan.

Subcontractor Site Safety Manager

Each contractor / subcontractor will provide a qualified representative who will act as their Site Safety Manager (Sub-SSM). This person will be responsible for the planning, coordination, and safe execution of subcontractor tasks, including preparation of job hazard analyses (JHA), performing daily safety planning, and coordinating directly with the Haley & Aldrich SHSO for other site safety activities. This person will play a lead role in safety planning for Subcontractor tasks, and in ensuring that all their employees and lower tier subcontractors are in adherence with applicable local, state, and/or federal regulations, and/or industry and project specific safety standards or best management practices.

General contractors / subcontractors are responsible for preparing a site-specific HASP and/or other task specific safety documents (e.g., JHAs), which are, at a minimum, in compliance with local, state, and/or federal other regulations, and/or industry and project specific safety standards or best management practices. The contractor(s)/subcontractor(s) safety documentation will be at least as stringent as the health and safety requirements of the Haley & Aldrich Project specific HASP.

Safety requirements include, but are not limited to: legal requirements, contractual obligations and industry best practices. Contractors/subcontractors will identify a site safety representative during times when contractor/subcontractor personnel are on the Site. All contractor/subcontractor personnel will undergo a field safety orientation conducted by the Haley & Aldrich SHSO and/or PM prior to commencing site work activities. All contractors / subcontractors will participate in Haley & Aldrich site safety meetings and their personnel will be subject to training and monitoring requirements identified in this Safety Plan. If the contractors / subcontractors means and methods deviate from the scope of work described in Section 1 of this Safety Plan, the alternate means and methods must be submitted, reviewed and approved by the Haley & Aldrich SHSO and/or PM prior to the commencement of the work task. Once approved by the Haley & Aldrich SHSO and/or PM, the alternate means and methods submittal will be attached to this Safety Plan as an Addendum.

ATTACHMENT D
JOB SAFETY ANALYSES

Safety
in everything we do

556 BALTIC STREET SITE – NYSDEC BCP SITE C224375

KEY TASK ENTER TASK NUMBER.: ENTER TASK NAME.

Subtask Category	Potential Hazards	Controls
Enter subtask information.	Choose category.	• Enter control(s) for each hazard.
Enter subtask information.	Choose category.	• Enter control(s) for each hazard.
Enter subtask information.	Choose category.	• Enter control(s) for each hazard.
Enter subtask information.	Choose category.	• Enter control(s) for each hazard.
Enter subtask information.	Choose category.	• Enter control(s) for each hazard.
Enter subtask information.	Choose category.	• Enter control(s) for each hazard.
Enter subtask information.	Choose category.	• Enter control(s) for each hazard.
Enter subtask information.	Choose category.	• Enter control(s) for each hazard.
Enter subtask information.	Choose category.	• Enter control(s) for each hazard.
Enter subtask information.	Choose category.	• Enter control(s) for each hazard.
Enter subtask information.	Choose category.	• Enter control(s) for each hazard.
Enter subtask information.	Choose category.	• Enter control(s) for each hazard.

ATTACHMENT E
PROJECT SITE FORMS

ATTACHMENT F
SITE-SPECIFIC OPERATING PROCEDURES

APPENDIX G
Soil Vapor Intrusion Evaluation Report

HALEY ALDRICH

www.haleyaldrich.com

SOIL VAPOR INTRUSION EVALUATION REPORT

556 BALTIC STREET SITE
KINGS COUNTY
BROOKLYN, NEW YORK
BLOCK 407 LOT 1
NYSDEC SITE NO. C224375

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

for
159 Third Realty LLC, 159 Third Residence LLC, and Baltic Residence LLC
Brooklyn, New York

File No. 0204090
July 2025

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

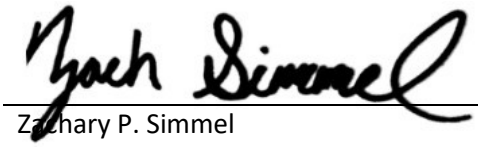
SIGNATURE PAGE FOR

SOIL VAPOR INTRUSION EVALUATION REPORT
556 BALTIC STREET SITE
KINGS COUNTY
BROOKLYN, NEW YORK
BLOCK 407 LOT 1
NYSDEC SITE NO. C224375

PREPARED FOR

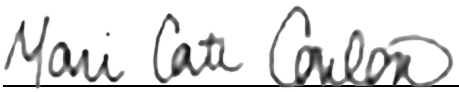
159 THIRD REALTY LLC, 159 THIRD RESIDENCE LLC, AND BALTIC RESIDENCE LLC
BROOKLYN, NEW YORK

PREPARED BY:

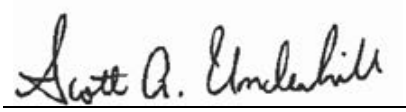


Zachary P. Simmel
Assistant Project Manager
H & A of New York Engineering and Geology, LLP

REVIEWED AND APPROVED BY:



Mari Cate Conlon, P.G.
Senior Associate
H & A of New York Engineering and Geology, LLP



Scott A. Underhill, P.E.
Principal Consultant
H & A of New York Engineering and Geology, LLP

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1. Introduction

On behalf of 159 Third Realty LLC, 159 Third Residence LLC, and Baltic Residence LLC (the Volunteers), H & A of New York Engineering and Geology, LLP (Haley & Aldrich of New York) has developed this report detailing the Soil Vapor Intrusion (SVI) Evaluation activities at the 556 Baltic Street, Brooklyn, New York site ("Site"). A Project Locus is provided as **Figure 1**.

2. SVI Evaluation Scope

As documented in the approved Remedial Action Work Plan (RAWP) dated October 2023 and Decision Document dated December 2023, the Track 2 remedy requires an SVI Evaluation to assess the potential for SVI at the Site. The SVI Evaluation was to be performed in accordance with New York State Department of Environmental Conservation (NYSDEC) Division of Environmental Remediation (DER)-10 and the New York State Department of Health (NYSDOH) *Guidance for Evaluating Soil Vapor Intrusion in the State of New York* (October 2006; last updated February 2024) following remedial excavation activities and prior to occupancy. As per the approved RAWP, because the building slab was installed into the groundwater table, the SVI Evaluation did not include soil vapor sampling, but would include six indoor air samples in the community spaces in the cellar. The purpose of the SVI evaluation is to confirm achievement of the RAWP Remedial Action Objectives (RAOs) for public health protection from soil vapor:

- Mitigate the risk of impact to public health resulting from the existence of, or the potential for, soil vapor migration off the Site, or intrusion into the proposed development at the Site.

2.1 SVI SAMPLING

On March 6, 2025, Haley & Aldrich of New York mobilized to the Site for the SVI Evaluation, which included evaluation of Site conditions and collection of six indoor air samples within the community spaces of the cellar in the on-Site building, as well as one ambient air sample. The samples were collected prior to occupancy and during normal operating conditions of the 2024/2025 heating season without the interference from construction activities. One ambient air sample was collected along the northern exterior portion of the building along Baltic Street. A sample location map is provided as **Figure 2**.

The samples were collected over a 24-hour period in batch-certified, laboratory-supplied, 6-liter Summa canisters using 24-hour flow regulators. The flow rate for sampling did not exceed 0.2 liters per minute (L/min). The indoor air and ambient air canisters were placed at breathing height (3 to 5 feet [ft] above the floor).

Samples were submitted to Alpha Analytical, Inc., Environmental Laboratory Approval Program (ELAP) No. 11148, of Mansfield, Massachusetts, to be analyzed for volatile organic compounds (VOCs) via United States Environmental Protection Agency Method TO-15 and TO-15 SIM.

While soil vapor samples were not collected, the analytical results of the indoor air and ambient air samples were compared to NYSDOH *Guidance for Evaluating Soil Vapor Intrusion in the State of New York,* Soil Vapor/Indoor Air Decision Matrices A through F, to provide general understanding and confirmation of the achievement of the RAOs for the Site.

- Analytical results reported concentrations of carbon tetrachloride above laboratory detection limits in six indoor air samples. Carbon tetrachloride concentrations ranged from 0.516 micrograms per cubic meter (µg/m^3) in sample IA-05 to 0.547 µg/m^3 in sample IA-01. Carbon tetrachloride was detected in the ambient air sample at 0.535 µg/m^3.
- Analytical results reported concentrations for hexane above laboratory detection limits from five indoor air samples. Hexane results ranged from not detected to 13.8 µg/m^3 in sample IA-05. Of note, hexane was also detected in the ambient air sample at 2.78 µg/m^3.

- Analytical results reported concentrations of 1,2,4-trimethylbenzne. In indoor air samples, 1,2,4-trimethylbenzne was detected at a concentration of 1.04 µg/m^3 in sample IA-06 only.
- Analytical results reported concentrations of toluene. In indoor air samples, toluene was detected at a concentration of 0.81 µg/m^3 in sample IA-06 only.

Analytical results indicated slightly elevated concentrations of carbon tetrachloride and hexane in indoor air samples as well as in the ambient air sample, which indicates these concentrations are likely attributed to an off-Site source, such as multiple other ongoing remediation sites in the nearby vicinity with similar compounds of concern. While toluene was not identified in the ambient air sample above the laboratory detection limit, it is noted that the laboratory detection limit is 0.754 µg/m^3, and the concentration identified in only one indoor air sample was only slightly above this limit at 0.81 µg/m^3. Similarly, 1,2,4-trimethylbenzene was not detected above the laboratory detection limit of 0.983 µg/m^3 in the ambient air sample and was detected slightly above this limit in one sample at 1.04 µg/m^3. Based on the low margin of difference, it is likely that low levels of toluene and 1,2,4-trimethylbenzene are present in ambient air slightly below the laboratory detection level, and this is also attributed to an off-Site source.

While soil vapor data was not available for comparison purposes, based on analytical results for the above-referenced compounds in indoor air, the recommendations from the NYSDOH Indoor Air Matrices did not include mitigation. A summary of the indoor air and ambient air analytical results is provided as **Table I**.

3. Conclusion

Analytical results did not identify VOCs at concentrations in indoor air indicative of concern for future intended Site use as per 2006 NYSDOH *Guidance for Evaluating Soil Vapor Intrusion in the State of New York* (updated February 2024).

In addition to the analytical results of indoor and ambient air sampling, the Remedial Action at the Site achieved the RAOs as outlined in the approved RAWP via removal of soil with elevated VOCs, significant dewatering removing VOCs from groundwater, application of activated sodium persulfate at the base of the excavation in contact with groundwater, the installation of a waterproofing barrier at the base of the building and subgrade walls as a construction element, and the installation of the building foundation in proximity to the water table, which reduce the risk for vapor intrusion pathways upon completion of the Remedial Action. Based on this, no further action regarding SVI is required.

\\haleyaldrich.com\share\CF\Projects\0204090\Deliverables\23. SVI Evaluation Report\2025-0709-HANY-SVI Evaluation Report-556 Baltic Street_F.docx

TABLE

TABLE I
SUMMARY OF AIR QUALITY DATA
556 BALTIC STREET
BROOKLYN, NEW YORK
FILE NO. 0204090

	Action Level								
Location Name	New York DOH Indoor Air Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion			AA-01	IA-01	IA-02	IA-03	IA-04	IA-05	IA-06
Sample Name				AA-01-20250307	IA-01-20250307	IA-02-20250307	IA-03-20250307	IA-04-20250307	IA-05-20250307	IA-06-20250307
Sample Date				03/07/2025	03/07/2025	03/07/2025	03/07/2025	03/07/2025	03/07/2025	03/07/2025
Lab Sample ID				L2513121-07	L2513121-01	L2513121-02	L2513121-03	L2513121-04	L2513121-05	L2513121-06
Bottom Elevation (ft BCB)	Range 1	Range 2	Range 3	Ambient Air	Indoor Air	Indoor Air	Indoor Air	Indoor Air	Indoor Air	Indoor Air
Matrix A										
1,1-Dichloroethene (SIM)	< 0.2	0.2 - 1	> 1	ND (0.079)	ND (0.079)	ND (0.079)	ND (0.079)	ND (0.079)	ND (0.079)	ND (0.079)
Carbon tetrachloride (SIM)	< 0.2	0.2 - 1	> 1	0.535	0.547	0.541	0.528	0.541	0.516	0.535
cis-1,2-Dichloroethene (SIM)	< 0.2	0.2 - 1	> 1	ND (0.079)	ND (0.079)	ND (0.079)	ND (0.079)	ND (0.079)	ND (0.079)	ND (0.079)
Trichloroethene (SIM)	< 0.2	0.2 - 1	> 1	ND (0.107)	ND (0.107)	ND (0.107)	ND (0.107)	ND (0.107)	ND (0.107)	ND (0.107)
Matrix B										
1,1,1-Trichloroethane (SIM)	< 3	3 - 10	> 10	ND (0.109)	ND (0.109)	ND (0.109)	ND (0.109)	ND (0.109)	ND (0.109)	ND (0.109)
Tetrachloroethene (SIM)	< 3	3 - 10	> 10	ND (0.136)	ND (0.136)	ND (0.136)	ND (0.136)	ND (0.136)	ND (0.136)	ND (0.136)
Methylene chloride (Dichloromethane)	< 3	3 - 10	> 10	ND (1.74)	ND (1.74)	ND (1.74)	ND (1.74)	ND (1.74)	ND (1.74)	ND (1.74)
Matrix C										
Vinyl chloride (SIM)	< 0.2	NA	> 0.2	ND (0.051)	ND (0.051)	ND (0.051)	ND (0.051)	ND (0.051)	ND (0.051)	ND (0.051)
Matrix D										
Benzene	< 2	2 - 10	> 10	ND (0.639)	ND (0.639)	ND (0.639)	ND (0.639)	ND (0.639)	ND (0.639)	ND (0.639)
Ethylbenzene	< 2	2 - 10	> 10	ND (0.869)	ND (0.869)	ND (0.869)	ND (0.869)	ND (0.869)	ND (0.869)	ND (0.869)
Naphthalene	< 2	2 - 10	> 10	ND (0.996)	ND (0.996)	ND (0.996)	ND (0.996)	ND (0.996)	ND (0.996)	ND (0.996)
Cyclohexane	< 2	2 - 10	> 10	ND (0.688)	ND (0.688)	ND (0.688)	ND (0.688)	ND (0.688)	ND (0.688)	ND (0.688)
2,2,4-Trimethylpentane	< 2	2 - 10	> 10	ND (0.934)	ND (0.934)	ND (0.934)	ND (0.934)	ND (0.934)	ND (0.934)	ND (0.934)
1,2,4-Trimethylbenzene	< 2	2 - 10	> 10	ND (0.983)	ND (0.983)	ND (0.983)	ND (0.983)	ND (0.983)	ND (0.983)	1.04
1,3,5-Trimethylbenzene	< 2	2 - 10	> 10	ND (0.983)	ND (0.983)	ND (0.983)	ND (0.983)	ND (0.983)	ND (0.983)	ND (0.983)
o-Xylene	< 2	2 - 10	> 10	ND (0.869)	ND (0.869)	ND (0.869)	ND (0.869)	ND (0.869)	ND (0.869)	ND (0.869)
Matrix E										
m,p-Xylenes	< 6	6 - 20	> 20	ND (1.74)	ND (1.74)	ND (1.74)	ND (1.74)	ND (1.74)	ND (1.74)	ND (1.74)
N-Heptane	< 6	6 - 20	> 20	ND (0.82)	ND (0.82)	ND (0.82)	ND (0.82)	ND (0.82)	ND (0.82)	ND (0.82)
Hexane	< 6	6 - 20	> 20	2.78	2.11	ND (0.705)	3.4	6.27	13.8	0.715
Matrix F										
Toluene	< 10	10 - 50	> 50	ND (0.754)	ND (0.754)	ND (0.754)	ND (0.754)	ND (0.754)	ND (0.754)	0.81
Volatile Organic Compounds (ug/m3)										
1,1,2,2-Tetrachloroethane	NA	NA	NA	ND (1.37)	ND (1.37)	ND (1.37)	ND (1.37)	ND (1.37)	ND (1.37)	ND (1.37)
1,1,2-Trichloroethane	NA	NA	NA	ND (1.09)	ND (1.09)	ND (1.09)	ND (1.09)	ND (1.09)	ND (1.09)	ND (1.09)
1,1-Dichloroethane	NA	NA	NA	ND (0.809)	ND (0.809)	ND (0.809)	ND (0.809)	ND (0.809)	ND (0.809)	ND (0.809)
1,2,4-Trichlorobenzene	NA	NA	NA	ND (1.48)	ND (1.48)	ND (1.48)	ND (1.48)	ND (1.48)	ND (1.48)	ND (1.48)
1,2-Dibromoethane (Ethylene Dibromide)	NA	NA	NA	ND (1.54)	ND (1.54)	ND (1.54)	ND (1.54)	ND (1.54)	ND (1.54)	ND (1.54)
1,2-Dichlorobenzene	NA	NA	NA	ND (1.2)	ND (1.2)	ND (1.2)	ND (1.2)	ND (1.2)	ND (1.2)	ND (1.2)
1,2-Dichloroethane	NA	NA	NA	ND (0.809)	ND (0.809)	ND (0.809)	ND (0.809)	ND (0.809)	ND (0.809)	ND (0.809)
1,2-Dichloropropane	NA	NA	NA	ND (0.924)	ND (0.924)	ND (0.924)	ND (0.924)	ND (0.924)	ND (0.924)	ND (0.924)
1,2-Dichlorotetrafluoroethane (CFC 114)	NA	NA	NA	ND (1.4)	ND (1.4)	ND (1.4)	ND (1.4)	ND (1.4)	ND (1.4)	ND (1.4)
1,3-Butadiene	NA	NA	NA	ND (0.442)	ND (0.442)	ND (0.442)	ND (0.442)	ND (0.442)	ND (0.442)	ND (0.442)
1,3-Dichlorobenzene	NA	NA	NA	ND (1.2)	ND (1.2)	ND (1.2)	ND (1.2)	ND (1.2)	ND (1.2)	ND (1.2)
1,4-Dichlorobenzene	NA	NA	NA	ND (1.2)	ND (1.2)	ND (1.2)	ND (1.2)	ND (1.2)	ND (1.2)	ND (1.2)
1,4-Dioxane	NA	NA	NA	ND (0.721)	ND (0.721)	ND (0.721)	ND (0.721)	ND (0.721)	ND (0.721)	ND (0.721)
2-Butanone (Methyl Ethyl Ketone)	NA	NA	NA	ND (1.47)	ND (1.47)	ND (1.47)	ND (1.47)	ND (1.47)	ND (1.47)	ND (1.47)
2-Hexanone (Methyl Butyl Ketone)	NA	NA	NA	ND (0.82)	ND (0.82)	ND (0.82)	ND (0.82)	ND (0.82)	ND (0.82)	ND (0.82)
4-Ethyltoluene (1-Ethyl-4-Methylbenzene)	NA	NA	NA	ND (0.983)	ND (0.983)	ND (0.983)	ND (0.983)	ND (0.983)	ND (0.983)	ND (0.983)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	NA	NA	ND (2.05)	ND (2.05)	ND (2.05)	ND (2.05)	ND (2.05)	ND (2.05)	ND (2.05)
Acetone	NA	NA	NA	4.01	6.53	5.04	6.37	7.27	9.95	8.34
Allyl chloride	NA	NA	NA	ND (0.626)	ND (0.626)	ND (0.626)	ND (0.626)	ND (0.626)	ND (0.626)	ND (0.626)
Benzyl Chloride (alpha-Chlorotoluene)	NA	NA	NA	ND (1.04)	ND (1.04)	ND (1.04)	ND (1.04)	ND (1.04)	ND (1.04)	ND (1.04)
Bromodichloromethane	NA	NA	NA	ND (1.34)	ND (1.34)	ND (1.34)	ND (1.34)	ND (1.34)	ND (1.34)	ND (1.34)
Bromoform	NA	NA	NA	ND (2.07)	ND (2.07)	ND (2.07)	ND (2.07)	ND (2.07)	ND (2.07)	ND (2.07)
Bromomethane (Methyl Bromide)	NA	NA	NA	ND (0.777)	ND (0.777)	ND (0.777)	ND (0.777)	ND (0.777)	ND (0.777)	ND (0.777)
Carbon disulfide	NA	NA	NA	ND (0.623)	ND (0.623)	ND (0.623)	ND (0.623)	ND (0.623)	ND (0.623)	ND (0.623)
Chlorobenzene	NA	NA	NA	ND (0.921)	ND (0.921)	ND (0.921)	ND (0.921)	ND (0.921)	ND (0.921)	ND (0.921)
Chloroethane	NA	NA	NA	ND (0.528)	ND (0.528)	ND (0.528)	ND (0.528)	ND (0.528)	ND (0.528)	ND (0.528)
Chloroform (Trichloromethane)	NA	NA	NA	ND (0.977)	ND (0.977)	ND (0.977)	ND (0.977)	ND (0.977)	ND (0.977)	ND (0.977)
Chloromethane (Methyl Chloride)	NA	NA	NA	1.21	1.18	1.17	1.19	1.23	1.21	1.22
cis-1,3-Dichloropropene	NA	NA	NA	ND (0.908)	ND (0.908)	ND (0.908)	ND (0.908)	ND (0.908)	ND (0.908)	ND (0.908)
Dibromochloromethane	NA	NA	NA	ND (1.7)	ND (1.7)	ND (1.7)	ND (1.7)	ND (1.7)	ND (1.7)	ND (1.7)
Dichlorodifluoromethane (CFC-12)	NA	NA	NA	2.76	2.71	2.77	2.81	2.78	2.73	2.86
Ethanol	NA	NA	NA	ND (9.42)	ND (9.42)	ND (9.42)	ND (9.42)	ND (9.42)	9.95	ND (9.42)
Ethyl acetate	NA	NA	NA	ND (1.8)	ND (1.8)	ND (1.8)	ND (1.8)	ND (1.8)	ND (1.8)	ND (1.8)
Hexachlorobutadiene	NA	NA	NA	ND (2.13)	ND (2.13)	ND (2.13)	ND (2.13)	ND (2.13)	ND (2.13)	ND (2.13)
Isopropyl Alcohol (2-Propanol)	NA	NA	NA	8.01	5.56	ND (2.46)	8.85	16	32	3.05
Methyl Tert Butyl Ether (MTBE)	NA	NA	NA	ND (0.721)	ND (0.721)	ND (0.721)	ND (0.721)	ND (0.721)	ND (0.721)	ND (0.721)
Styrene	NA	NA	NA	ND (0.852)	ND (0.852)	ND (0.852)	ND (0.852)	ND (0.852)	ND (0.852)	ND (0.852)
Tert-Butyl Alcohol (tert-Butanol)	NA	NA	NA	ND (1.52)	ND (1.52)	ND (1.52)	ND (1.52)	ND (1.52)	ND (1.52)	ND (1.52)
Tetrahydrofuran	NA	NA	NA	ND (1.47)	ND (1.47)	ND (1.47)	ND (1.47)	ND (1.47)	ND (1.47)	ND (1.47)
trans-1,2-Dichloroethene	NA	NA	NA	ND (0.793)	ND (0.793)	ND (0.793)	ND (0.793)	ND (0.793)	ND (0.793)	ND (0.793)
trans-1,3-Dichloropropene	NA	NA	NA	ND (0.908)	ND (0.908)	ND (0.908)	ND (0.908)	ND (0.908)	ND (0.908)	ND (0.908)
Trichlorofluoromethane (CFC-11)	NA	NA	NA	1.25	1.25	1.25	1.23	1.26	1.23	1.3
Trifluorotrichloroethane (Freon 113)	NA	NA	NA	ND (1.53)	ND (1.53)	ND (1.53)	ND (1.53)	ND (1.53)	ND (1.53)	ND (1.53)
Vinyl Bromide (Bromoethene)	NA	NA	NA	ND (0.874)	ND (0.874)	ND (0.874)	ND (0.874)	ND (0.874)	ND (0.874)	ND (0.874)

ABBREVIATIONS AND NOTES:
µg/m^3: micrograms per cubic meter

-: Not Analyzed
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.

FIGURES

556 BALTIC STREET
BROOKLYN, NEW YORK

PROJECT LOCUS

MAP SOURCE: USGS
SITE COORDINATES: 40°40'52"N, 73°58'59"W

APPROXIMATE SCALE: 1 IN = 2000 FT
JUNE 2025

FIGURE 1

GIS: \\haleyaldrich.com\share\CFI\Projects\0204090\GIS\Maps\2025_01\204090_001_0001_PROJECT_LOCUS.mxd - dfm - 7/19/2022 4:16:25 PM

LEGEND

SITE BOUNDARY

INDOOR/AMBIENT AIR SAMPLE LOCATION (MARCH 2025)

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. AERIAL IMAGERY SOURCE: NEARMAP, 18 JUNE 2024

N

0 30 60

SCALE IN FEET

HALEY ALDRICH

556 BALTIC STREET SITE
556 BALTIC STREET
BROOKLYN, NEW YORK

SVI EVALUATION SAMPLING LOCATIONS

JUNE 2025

FIGURE 2

APPENDIX A
Laboratory Data Report

ANALYTICAL REPORT

Lab Number:	L2513121
Client:	Haley & Aldrich 213 West 35th Street 7th Floor New York, NY 10123
ATTN:	Zachary Simmel
Phone:	(973) 658-3938
Project Name:	556 BALTIC ST. SUL EVD.
Project Number:	0204090
Report Date:	03/20/25

Certifications & Approvals: NH ELAP (2249).

120 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.pacelabs.com

Project Name: 556 BALTIC ST. SUL EVD.
Project Number: 0204090

Lab Number: L2513121
Report Date: 03/20/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2513121-01	IA-01	AIR	556 BALTIC ST., BK, NY 11217	03/07/25 11:34	03/07/25
L2513121-02	IA-02	AIR	556 BALTIC ST., BK, NY 11217	03/07/25 11:33	03/07/25
L2513121-03	IA-03	AIR	556 BALTIC ST., BK, NY 11217	03/07/25 11:31	03/07/25
L2513121-04	IA-04	AIR	556 BALTIC ST., BK, NY 11217	03/07/25 11:35	03/07/25
L2513121-05	IA-05	AIR	556 BALTIC ST., BK, NY 11217	03/07/25 11:30	03/07/25
L2513121-06	IA-06	AIR	556 BALTIC ST., BK, NY 11217	03/07/25 11:30	03/07/25
L2513121-07	AA-01	AIR	556 BALTIC ST., BK, NY 11217	03/07/25 11:36	03/07/25

Project Name:	556 BALTIC ST. SUL EVD.	**Lab Number:**	L2513121
Project Number:	0204090	**Report Date:**	03/20/25

Case Narrative

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

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

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

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

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

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

Project Name:	556 BALTIC ST. SUL EVD.	**Lab Number:**	L2513121
Project Number:	0204090	**Report Date:**	03/20/25

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on February 5, 2025. The canister certification data is provided as an addendum.

The WG2042684-3 LCS recovery associated with L2513121-01 through -07 is above the upper 130% acceptance limit for bromodichloromethane (131%). All samples associated with this LCS do not have reportable amounts of this analyte.

The WG2042684-2 CC recovery associated with L2513121-01 through -07 is below acceptance limit for Isopropyl Alcohol. All samples associated with this CC that have reportable amounts of this analyte will be reported with low bias.

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

Authorized Signature: Christopher J. Anderson

Title: Technical Director/Representative Date: 03/20/25

AIR

Project Name: 556 BALTIC ST. SUL EVD.
Project Number: 0204090

Lab Number: L2513121
Report Date: 03/20/25

SAMPLE RESULTS

Lab ID: L2513121-01
Client ID: IA-01
Sample Location: 556 BALTIC ST., BK, NY 11217

Date Collected: 03/07/25 11:34
Date Received: 03/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 03/19/25 21:48
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Dichlorodifluoromethane	0.548	0.200	--	2.71	0.989	--		1
Chloromethane	0.570	0.200	--	1.18	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	2.75	1.00	--	6.53	2.38	--		1
Trichlorofluoromethane	0.223	0.200	--	1.25	1.12	--		1
Isopropanol	2.26	1.00	--	5.56	2.46	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1

Project Name: 556 BALTIC ST. SUL EVD.
Project Number: 0204090

Lab Number: L2513121
Report Date: 03/20/25

SAMPLE RESULTS

Lab ID: L2513121-01
Client ID: IA-01
Sample Location: 556 BALTIC ST., BK, NY 11217

Date Collected: 03/07/25 11:34
Date Received: 03/07/25
Field Prep: Not Specified

Sample Depth:

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.598	0.200	--	2.11	0.705	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Project Name: 556 BALTIC ST. SUL EVD.
Project Number: 0204090

Lab Number: L2513121
Report Date: 03/20/25

SAMPLE RESULTS

Lab ID: L2513121-01
Client ID: IA-01
Sample Location: 556 BALTIC ST., BK, NY 11217

Date Collected: 03/07/25 11:34
Date Received: 03/07/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.190	--	ND	0.996	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	92		60-140
Bromochloromethane	89		60-140
chlorobenzene-d5	93		60-140

Project Name: 556 BALTIC ST. SUL EVD.
Project Number: 0204090

Lab Number: L2513121
Report Date: 03/20/25

SAMPLE RESULTS

Lab ID: L2513121-01
Client ID: IA-01
Sample Location: 556 BALTIC ST., BK, NY 11217

Date Collected: 03/07/25 11:34
Date Received: 03/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 03/19/25 21:48
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.087	0.020	--	0.547	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	92		60-140
bromochloromethane	92		60-140
chlorobenzene-d5	94		60-140

Project Name: 556 BALTIC ST. SUL EVD.
Project Number: 0204090

Lab Number: L2513121
Report Date: 03/20/25

SAMPLE RESULTS

Lab ID: L2513121-02
Client ID: IA-02
Sample Location: 556 BALTIC ST., BK, NY 11217

Date Collected: 03/07/25 11:33
Date Received: 03/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 03/19/25 22:26
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Dichlorodifluoromethane	0.560	0.200	--	2.77	0.989	--		1
Chloromethane	0.566	0.200	--	1.17	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	2.12	1.00	--	5.04	2.38	--		1
Trichlorofluoromethane	0.222	0.200	--	1.25	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1

Project Name: 556 BALTIC ST. SUL EVD.
Project Number: 0204090

Lab Number: L2513121
Report Date: 03/20/25

SAMPLE RESULTS

Lab ID: L2513121-02
Client ID: IA-02
Sample Location: 556 BALTIC ST., BK, NY 11217

Date Collected: 03/07/25 11:33
Date Received: 03/07/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Project Name: 556 BALTIC ST. SUL EVD.
Project Number: 0204090

Lab Number: L2513121
Report Date: 03/20/25

SAMPLE RESULTS

Lab ID: L2513121-02
Client ID: IA-02
Sample Location: 556 BALTIC ST., BK, NY 11217

Date Collected: 03/07/25 11:33
Date Received: 03/07/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.190	--	ND	0.996	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	91		60-140
Bromochloromethane	89		60-140
chlorobenzene-d5	93		60-140

Project Name: 556 BALTIC ST. SUL EVD.
Project Number: 0204090

Lab Number: L2513121
Report Date: 03/20/25

SAMPLE RESULTS

Lab ID: L2513121-02
Client ID: IA-02
Sample Location: 556 BALTIC ST., BK, NY 11217

Date Collected: 03/07/25 11:33
Date Received: 03/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 03/19/25 22:26
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.086	0.020	--	0.541	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	91		60-140
bromochloromethane	92		60-140
chlorobenzene-d5	93		60-140

Project Name: 556 BALTIC ST. SUL EVD.
Project Number: 0204090

Lab Number: L2513121
Report Date: 03/20/25

SAMPLE RESULTS

Lab ID: L2513121-03
Client ID: IA-03
Sample Location: 556 BALTIC ST., BK, NY 11217

Date Collected: 03/07/25 11:31
Date Received: 03/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 03/19/25 23:04
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Dichlorodifluoromethane	0.568	0.200	--	2.81	0.989	--		1
Chloromethane	0.578	0.200	--	1.19	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	2.68	1.00	--	6.37	2.38	--		1
Trichlorofluoromethane	0.219	0.200	--	1.23	1.12	--		1
Isopropanol	3.60	1.00	--	8.85	2.46	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1

Project Name: 556 BALTIC ST. SUL EVD.
Project Number: 0204090

Lab Number: L2513121
Report Date: 03/20/25

SAMPLE RESULTS

Lab ID: L2513121-03
Client ID: IA-03
Sample Location: 556 BALTIC ST., BK, NY 11217

Date Collected: 03/07/25 11:31
Date Received: 03/07/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.965	0.200	--	3.40	0.705	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Project Name: 556 BALTIC ST. SUL EVD.
Project Number: 0204090

Lab Number: L2513121
Report Date: 03/20/25

SAMPLE RESULTS

Lab ID: L2513121-03
Client ID: IA-03
Sample Location: 556 BALTIC ST., BK, NY 11217

Date Collected: 03/07/25 11:31
Date Received: 03/07/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.190	--	ND	0.996	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	90		60-140
Bromochloromethane	89		60-140
chlorobenzene-d5	90		60-140

Project Name: 556 BALTIC ST. SUL EVD.
Project Number: 0204090
Lab Number: L2513121
Report Date: 03/20/25

SAMPLE RESULTS

Lab ID: L2513121-03
Client ID: IA-03
Sample Location: 556 BALTIC ST., BK, NY 11217

Date Collected: 03/07/25 11:31
Date Received: 03/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 03/19/25 23:04
Analyst: KJD

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.084	0.020	--	0.528	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	90		60-140
bromochloromethane	92		60-140
chlorobenzene-d5	90		60-140

Project Name: 556 BALTIC ST. SUL EVD.
Project Number: 0204090

Lab Number: L2513121
Report Date: 03/20/25

SAMPLE RESULTS

Lab ID: L2513121-04
Client ID: IA-04
Sample Location: 556 BALTIC ST., BK, NY 11217

Date Collected: 03/07/25 11:35
Date Received: 03/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 03/19/25 23:41
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Dichlorodifluoromethane	0.562	0.200	--	2.78	0.989	--		1
Chloromethane	0.595	0.200	--	1.23	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	3.06	1.00	--	7.27	2.38	--		1
Trichlorofluoromethane	0.224	0.200	--	1.26	1.12	--		1
Isopropanol	6.50	1.00	--	16.0	2.46	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1

Project Name: 556 BALTIC ST. SUL EVD.
Project Number: 0204090

Lab Number: L2513121
Report Date: 03/20/25

SAMPLE RESULTS

Lab ID: L2513121-04
Client ID: IA-04
Sample Location: 556 BALTIC ST., BK, NY 11217

Date Collected: 03/07/25 11:35
Date Received: 03/07/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	1.78	0.200	--	6.27	0.705	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Project Name: 556 BALTIC ST. SUL EVD.
Project Number: 0204090

Lab Number: L2513121
Report Date: 03/20/25

SAMPLE RESULTS

Lab ID: L2513121-04
Client ID: IA-04
Sample Location: 556 BALTIC ST., BK, NY 11217

Date Collected: 03/07/25 11:35
Date Received: 03/07/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.190	--	ND	0.996	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	89		60-140
Bromochloromethane	89		60-140
chlorobenzene-d5	90		60-140

Project Name: 556 BALTIC ST. SUL EVD.
Project Number: 0204090
Lab Number: L2513121
Report Date: 03/20/25

SAMPLE RESULTS

Lab ID: L2513121-04
Client ID: IA-04
Sample Location: 556 BALTIC ST., BK, NY 11217

Date Collected: 03/07/25 11:35
Date Received: 03/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 03/19/25 23:41
Analyst: KJD

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.086	0.020	--	0.541	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	90		60-140
bromochloromethane	91		60-140
chlorobenzene-d5	90		60-140

Project Name: 556 BALTIC ST. SUL EVD.
Project Number: 0204090

Lab Number: L2513121
Report Date: 03/20/25

SAMPLE RESULTS

Lab ID: L2513121-05
Client ID: IA-05
Sample Location: 556 BALTIC ST., BK, NY 11217

Date Collected: 03/07/25 11:30
Date Received: 03/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 03/20/25 00:18
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Dichlorodifluoromethane	0.552	0.200	--	2.73	0.989	--		1
Chloromethane	0.585	0.200	--	1.21	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	5.28	5.00	--	9.95	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	4.19	1.00	--	9.95	2.38	--		1
Trichlorofluoromethane	0.218	0.200	--	1.23	1.12	--		1
Isopropanol	13.0	1.00	--	32.0	2.46	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1

Project Name: 556 BALTIC ST. SUL EVD.
Project Number: 0204090

Lab Number: L2513121
Report Date: 03/20/25

SAMPLE RESULTS

Lab ID: L2513121-05
Client ID: IA-05
Sample Location: 556 BALTIC ST., BK, NY 11217

Date Collected: 03/07/25 11:30
Date Received: 03/07/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	3.91	0.200	--	13.8	0.705	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Project Name: 556 BALTIC ST. SUL EVD.
Project Number: 0204090

Lab Number: L2513121
Report Date: 03/20/25

SAMPLE RESULTS

Lab ID: L2513121-05
Client ID: IA-05
Sample Location: 556 BALTIC ST., BK, NY 11217

Date Collected: 03/07/25 11:30
Date Received: 03/07/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.190	--	ND	0.996	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	89		60-140
Bromochloromethane	90		60-140
chlorobenzene-d5	94		60-140

Project Name: 556 BALTIC ST. SUL EVD.
Project Number: 0204090

Lab Number: L2513121
Report Date: 03/20/25

SAMPLE RESULTS

Lab ID: L2513121-05
Client ID: IA-05
Sample Location: 556 BALTIC ST., BK, NY 11217

Date Collected: 03/07/25 11:30
Date Received: 03/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 03/20/25 00:18
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.082	0.020	--	0.516	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	90		60-140
bromochloromethane	92		60-140
chlorobenzene-d5	94		60-140

Project Name: 556 BALTIC ST. SUL EVD.
Project Number: 0204090

Lab Number: L2513121
Report Date: 03/20/25

SAMPLE RESULTS

Lab ID: L2513121-06
Client ID: IA-06
Sample Location: 556 BALTIC ST., BK, NY 11217

Date Collected: 03/07/25 11:30
Date Received: 03/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 03/20/25 00:55
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Dichlorodifluoromethane	0.578	0.200	--	2.86	0.989	--		1
Chloromethane	0.593	0.200	--	1.22	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	3.51	1.00	--	8.34	2.38	--		1
Trichlorofluoromethane	0.232	0.200	--	1.30	1.12	--		1
Isopropanol	1.24	1.00	--	3.05	2.46	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1

Project Name: 556 BALTIC ST. SUL EVD.
Project Number: 0204090

Lab Number: L2513121
Report Date: 03/20/25

SAMPLE RESULTS

Lab ID: L2513121-06
Client ID: IA-06
Sample Location: 556 BALTIC ST., BK, NY 11217

Date Collected: 03/07/25 11:30
Date Received: 03/07/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.203	0.200	--	0.715	0.705	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	0.215	0.200	--	0.810	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Project Name: 556 BALTIC ST. SUL EVD.
Project Number: 0204090

Lab Number: L2513121
Report Date: 03/20/25

SAMPLE RESULTS

Lab ID: L2513121-06
Client ID: IA-06
Sample Location: 556 BALTIC ST., BK, NY 11217

Date Collected: 03/07/25 11:30
Date Received: 03/07/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
1,2,4-Trimethylbenzene	0.211	0.200	--	1.04	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.190	--	ND	0.996	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	88		60-140
Bromochloromethane	88		60-140
chlorobenzene-d5	92		60-140

Project Name: 556 BALTIC ST. SUL EVD.
Project Number: 0204090

Lab Number: L2513121
Report Date: 03/20/25

SAMPLE RESULTS

Lab ID: L2513121-06
Client ID: IA-06
Sample Location: 556 BALTIC ST., BK, NY 11217

Date Collected: 03/07/25 11:30
Date Received: 03/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 03/20/25 00:55
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.085	0.020	--	0.535	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	88		60-140
bromochloromethane	90		60-140
chlorobenzene-d5	92		60-140

Project Name: 556 BALTIC ST. SUL EVD.
Project Number: 0204090

Lab Number: L2513121
Report Date: 03/20/25

SAMPLE RESULTS

Lab ID: L2513121-07
Client ID: AA-01
Sample Location: 556 BALTIC ST., BK, NY 11217

Date Collected: 03/07/25 11:36
Date Received: 03/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 03/19/25 21:10
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Dichlorodifluoromethane	0.558	0.200	--	2.76	0.989	--		1
Chloromethane	0.586	0.200	--	1.21	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	1.69	1.00	--	4.01	2.38	--		1
Trichlorofluoromethane	0.222	0.200	--	1.25	1.12	--		1
Isopropanol	3.26	1.00	--	8.01	2.46	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1

Project Name: 556 BALTIC ST. SUL EVD.
Project Number: 0204090

Lab Number: L2513121
Report Date: 03/20/25

SAMPLE RESULTS

Lab ID: L2513121-07
Client ID: AA-01
Sample Location: 556 BALTIC ST., BK, NY 11217

Date Collected: 03/07/25 11:36
Date Received: 03/07/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.788	0.200	--	2.78	0.705	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Project Name: 556 BALTIC ST. SUL EVD.
Project Number: 0204090

Lab Number: L2513121
Report Date: 03/20/25

SAMPLE RESULTS

Lab ID: L2513121-07
Client ID: AA-01
Sample Location: 556 BALTIC ST., BK, NY 11217

Date Collected: 03/07/25 11:36
Date Received: 03/07/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.190	--	ND	0.996	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	88		60-140
Bromochloromethane	87		60-140
chlorobenzene-d5	91		60-140

Project Name: 556 BALTIC ST. SUL EVD.
Project Number: 0204090

Lab Number: L2513121
Report Date: 03/20/25

SAMPLE RESULTS

Lab ID: L2513121-07
Client ID: AA-01
Sample Location: 556 BALTIC ST., BK, NY 11217

Date Collected: 03/07/25 11:36
Date Received: 03/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 03/19/25 21:10
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.085	0.020	--	0.535	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	87		60-140
bromochloromethane	90		60-140
chlorobenzene-d5	91		60-140

Project Name: 556 BALTIC ST. SUL EVD.
Project Number: 0204090
Lab Number: L2513121
Report Date: 03/20/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 03/19/25 17:59

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab for sample(s): 01-07 Batch: WG2042684-4								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1

Project Name: 556 BALTIC ST. SUL EVD.
Project Number: 0204090
Lab Number: L2513121
Report Date: 03/20/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 03/19/25 17:59

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab for sample(s): 01-07 Batch: WG2042684-4								
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1

Project Name: 556 BALTIC ST. SUL EVD.
Project Number: 0204090
Lab Number: L2513121
Report Date: 03/20/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 03/19/25 17:59

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab for sample(s): 01-07 Batch: WG2042684-4								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.190	--	ND	0.996	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: 556 BALTIC ST. SUL EVD.
Project Number: 0204090
Lab Number: L2513121
Report Date: 03/20/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 03/19/25 18:38

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab for sample(s): 01-07 Batch: WG2042685-4								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1

Lab Control Sample Analysis
Batch Quality Control

Project Name: 556 BALTIC ST. SUL EVD.
Project Number: 0204090

Lab Number: L2513121
Report Date: 03/20/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Air Lab Associated sample(s): 01-07 Batch: WG2042684-3								
Dichlorodifluoromethane	106		-		70-130	-		
Chloromethane	96		-		70-130	-		
Freon-114	111		-		70-130	-		
Vinyl chloride	100		-		70-130	-		
1,3-Butadiene	105		-		70-130	-		
Bromomethane	112		-		70-130	-		
Chloroethane	101		-		70-130	-		
Ethanol	71		-		40-160	-		
Vinyl bromide	114		-		70-130	-		
Acetone	121		-		40-160	-		
Trichlorofluoromethane	105		-		70-130	-		
Isopropanol	63		-		40-160	-		
1,1-Dichloroethene	125		-		70-130	-		
Tertiary butyl Alcohol	95		-		70-130	-		
Methylene chloride	110		-		70-130	-		
3-Chloropropene	121		-		70-130	-		
Carbon disulfide	114		-		70-130	-		
Freon-113	118		-		70-130	-		
trans-1,2-Dichloroethene	127		-		70-130	-		
1,1-Dichloroethane	119		-		70-130	-		
Methyl tert butyl ether	116		-		70-130	-		
2-Butanone	116		-		70-130	-		
cis-1,2-Dichloroethene	121		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 556 BALTIC ST. SUL EVD.
Project Number: 0204090

Lab Number: L2513121
Report Date: 03/20/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Air Lab	Associated sample(s): 01-07		Batch: WG2042684-3					
Ethyl Acetate	119		-		70-130	-		
Chloroform	119		-		70-130	-		
Tetrahydrofuran	126		-		70-130	-		
1,2-Dichloroethane	130		-		70-130	-		
n-Hexane	117		-		70-130	-		
1,1,1-Trichloroethane	120		-		70-130	-		
Benzene	106		-		70-130	-		
Carbon tetrachloride	124		-		70-130	-		
Cyclohexane	118		-		70-130	-		
1,2-Dichloropropane	116		-		70-130	-		
Bromodichloromethane	**131**	Q	-		70-130	-		
1,4-Dioxane	120		-		70-130	-		
Trichloroethene	118		-		70-130	-		
2,2,4-Trimethylpentane	125		-		70-130	-		
Heptane	125		-		70-130	-		
cis-1,3-Dichloropropene	114		-		70-130	-		
4-Methyl-2-pentanone	121		-		70-130	-		
trans-1,3-Dichloropropene	120		-		70-130	-		
1,1,2-Trichloroethane	121		-		70-130	-		
Toluene	106		-		70-130	-		
2-Hexanone	108		-		70-130	-		
Dibromochloromethane	122		-		70-130	-		
1,2-Dibromoethane	105		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 556 BALTIC ST. SUL EVD.
Project Number: 0204090

Lab Number: L2513121
Report Date: 03/20/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Air Lab Associated sample(s): 01-07 Batch: WG2042684-3								
Tetrachloroethene	106		-		70-130	-		
Chlorobenzene	104		-		70-130	-		
Ethylbenzene	110		-		70-130	-		
p/m-Xylene	112		-		70-130	-		
Bromoform	119		-		70-130	-		
Styrene	104		-		70-130	-		
1,1,2,2-Tetrachloroethane	112		-		70-130	-		
o-Xylene	113		-		70-130	-		
4-Ethyltoluene	112		-		70-130	-		
1,3,5-Trimethylbenzene	114		-		70-130	-		
1,2,4-Trimethylbenzene	112		-		70-130	-		
Benzyl chloride	88		-		70-130	-		
1,3-Dichlorobenzene	114		-		70-130	-		
1,4-Dichlorobenzene	114		-		70-130	-		
1,2-Dichlorobenzene	122		-		70-130	-		
1,2,4-Trichlorobenzene	105		-		70-130	-		
Naphthalene	82		-		70-130	-		
Hexachlorobutadiene	97		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 556 BALTIC ST. SUL EVD.
Project Number: 0204090
Lab Number: L2513121
Report Date: 03/20/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Air Lab Associated sample(s): 01-07 Batch: WG2042685-3								
Vinyl chloride	105		-		70-130	-		25
1,1-Dichloroethene	100		-		70-130	-		25
cis-1,2-Dichloroethene	119		-		70-130	-		25
1,1,1-Trichloroethane	122		-		70-130	-		25
Carbon tetrachloride	123		-		70-130	-		25
Trichloroethene	121		-		70-130	-		25
Tetrachloroethene	104		-		70-130	-		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: 556 BALTIC ST. SUL EVD.
Project Number: 0204090

Lab Number: L2513121
Report Date: 03/20/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Air Lab Associated sample(s): 01-07 QC Batch ID: WG2042684-5 QC Sample: L2513121-06 Client ID: IA-06						
Dichlorodifluoromethane	0.578	0.558	ppbV	4		25
Chloromethane	0.593	0.579	ppbV	2		25
Freon-114	ND	ND	ppbV	NC		25
1,3-Butadiene	ND	ND	ppbV	NC		25
Bromomethane	ND	ND	ppbV	NC		25
Chloroethane	ND	ND	ppbV	NC		25
Ethanol	ND	ND	ppbV	NC		25
Vinyl bromide	ND	ND	ppbV	NC		25
Acetone	3.51	3.60	ppbV	3		25
Trichlorofluoromethane	0.232	0.216	ppbV	7		25
Isopropanol	1.24	1.28	ppbV	3		25
Tertiary butyl Alcohol	ND	ND	ppbV	NC		25
Methylene chloride	ND	ND	ppbV	NC		25
3-Chloropropene	ND	ND	ppbV	NC		25
Carbon disulfide	ND	ND	ppbV	NC		25
Freon-113	ND	ND	ppbV	NC		25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1-Dichloroethane	ND	ND	ppbV	NC		25
Methyl tert butyl ether	ND	ND	ppbV	NC		25
2-Butanone	ND	ND	ppbV	NC		25
Ethyl Acetate	ND	ND	ppbV	NC		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: 556 BALTIC ST. SUL EVD.
Project Number: 0204090

Lab Number: L2513121
Report Date: 03/20/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Air Lab Associated sample(s): 01-07 QC Batch ID: WG2042684-5 QC Sample: L2513121-06 Client ID: IA-06						
Chloroform	ND	ND	ppbV	NC		25
Tetrahydrofuran	ND	ND	ppbV	NC		25
1,2-Dichloroethane	ND	ND	ppbV	NC		25
n-Hexane	0.203	0.204	ppbV	0		25
Benzene	ND	ND	ppbV	NC		25
Cyclohexane	ND	ND	ppbV	NC		25
1,2-Dichloropropane	ND	ND	ppbV	NC		25
Bromodichloromethane	ND	ND	ppbV	NC		25
1,4-Dioxane	ND	ND	ppbV	NC		25
2,2,4-Trimethylpentane	ND	ND	ppbV	NC		25
Heptane	ND	ND	ppbV	NC		25
cis-1,3-Dichloropropene	ND	ND	ppbV	NC		25
4-Methyl-2-pentanone	ND	ND	ppbV	NC		25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC		25
1,1,2-Trichloroethane	ND	ND	ppbV	NC		25
Toluene	0.215	ND	ppbV	NC		25
2-Hexanone	ND	ND	ppbV	NC		25
Dibromochloromethane	ND	ND	ppbV	NC		25
1,2-Dibromoethane	ND	ND	ppbV	NC		25
Chlorobenzene	ND	ND	ppbV	NC		25
Ethylbenzene	ND	ND	ppbV	NC		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: 556 BALTIC ST. SUL EVD.
Project Number: 0204090

Lab Number: L2513121
Report Date: 03/20/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Air Lab Associated sample(s): 01-07 QC Batch ID: WG2042684-5 QC Sample: L2513121-06 Client ID: IA-06						
p/m-Xylene	ND	ND	ppbV	NC		25
Bromoform	ND	ND	ppbV	NC		25
Styrene	ND	ND	ppbV	NC		25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC		25
o-Xylene	ND	ND	ppbV	NC		25
4-Ethyltoluene	ND	ND	ppbV	NC		25
1,3,5-Trimethylbenzene	ND	ND	ppbV	NC		25
1,2,4-Trimethylbenzene	0.211	0.202	ppbV	4		25
Benzyl chloride	ND	ND	ppbV	NC		25
1,3-Dichlorobenzene	ND	ND	ppbV	NC		25
1,4-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2,4-Trichlorobenzene	ND	ND	ppbV	NC		25
Naphthalene	ND	ND	ppbV	NC		25
Hexachlorobutadiene	ND	ND	ppbV	NC		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: 556 BALTIC ST. SUL EVD.
Project Number: 0204090

Lab Number: L2513121
Report Date: 03/20/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Air Lab Associated sample(s): 01-07 QC Batch ID: WG2042685-5 QC Sample: L2513121-06 Client ID: IA-06						
Vinyl chloride	ND	ND	ppbV	NC		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1,1-Trichloroethane	ND	ND	ppbV	NC		25
Carbon tetrachloride	0.085	0.090	ppbV	6		25
Trichloroethene	ND	ND	ppbV	NC		25
Tetrachloroethene	ND	ND	ppbV	NC		25

Project Name: 556 BALTIC ST. SUL EVD.

Lab Number: L2513121

Project Number: 0204090

Report Date: 03/20/25

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt	Flow Controler Leak Chk	Flow Out mL/min	Flow In	% RPD
L2513121-01	IA-01	01279	Flow 5	03/05/25	508094		-	-	-	Pass	3.0	3.7	21
L2513121-01	IA-01	4978	6.0L Can	03/05/25	508094	L2511362-09	Pass	-29.5	-2.0	-	-	-	-
L2513121-02	IA-02	01208	Flow 5	03/05/25	508094		-	-	-	Pass	3.0	3.1	3
L2513121-02	IA-02	5430	6.0L Can	03/05/25	508094	L2511080-05	Pass	-29.4	-4.4	-	-	-	-
L2513121-03	IA-03	01796	Flow 5	03/05/25	508094		-	-	-	Pass	3.0	3.2	6
L2513121-03	IA-03	2262	6.0L Can	03/05/25	508094	L2511080-06	Pass	-29.4	-7.9	-	-	-	-
L2513121-04	IA-04	0133	Flow 5	03/05/25	508094		-	-	-	Pass	3.0	3.3	10
L2513121-04	IA-04	2112	6.0L Can	03/05/25	508094	L2511080-05	Pass	-29.2	-7.3	-	-	-	-
L2513121-05	IA-05	02155	Flow 5	03/05/25	508094		-	-	-	Pass	3.0	3.0	0
L2513121-05	IA-05	1996	6.0L Can	03/05/25	508094	L2511080-04	Pass	-29.2	-5.0	-	-	-	-
L2513121-06	IA-06	0555	Flow 5	03/05/25	508094		-	-	-	Pass	3.0	3.5	15
L2513121-06	IA-06	5453	6.0L Can	03/05/25	508094	L2511080-06	Pass	-29.4	-7.4	-	-	-	-
L2513121-07	AA-01	01892	Flow 5	03/05/25	508094		-	-	-	Pass	3.0	3.1	3
L2513121-07	AA-01	1881	6.0L Can	03/05/25	508094	L2511080-06	Pass	-29.4	-4.0	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2511080
Report Date: 03/20/25

Air Canister Certification Results

Lab ID: L2511080-04
Client ID: CAN 1816 SHELF 40
Sample Location:

Date Collected: 02/27/25 18:00
Date Received: 02/28/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 02/28/25 23:53
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2511080
Report Date: 03/20/25

Air Canister Certification Results

Lab ID: L2511080-04
Client ID: CAN 1816 SHELF 40
Sample Location:

Date Collected: 02/27/25 18:00
Date Received: 02/28/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2511080
Report Date: 03/20/25

Air Canister Certification Results

Lab ID: L2511080-04
Client ID: CAN 1816 SHELF 40
Sample Location:

Date Collected: 02/27/25 18:00
Date Received: 02/28/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2511080
Report Date: 03/20/25

Air Canister Certification Results

Lab ID: L2511080-04
Client ID: CAN 1816 SHELF 40
Sample Location:

Date Collected: 02/27/25 18:00
Date Received: 02/28/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	0.996	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2511080
Report Date: 03/20/25

Air Canister Certification Results

Lab ID: L2511080-04
Client ID: CAN 1816 SHELF 40
Sample Location:

Date Collected: 02/27/25 18:00
Date Received: 02/28/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	89		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	91		60-140

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2511080

Project Number: CANISTER QC BAT **Report Date:** 03/20/25

Air Canister Certification Results

Lab ID: L2511080-04
Client ID: CAN 1816 SHELF 40
Sample Location:

Date Collected: 02/27/25 18:00
Date Received: 02/28/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 02/28/25 23:53
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2511080
Report Date: 03/20/25

Air Canister Certification Results

Lab ID: L2511080-04
Client ID: CAN 1816 SHELF 40
Sample Location:

Date Collected: 02/27/25 18:00
Date Received: 02/28/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2511080
Report Date: 03/20/25

Air Canister Certification Results

Lab ID: L2511080-04
Client ID: CAN 1816 SHELF 40
Sample Location:

Date Collected: 02/27/25 18:00
Date Received: 02/28/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	94		60-140
bromochloromethane	101		60-140
chlorobenzene-d5	96		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2511080
Report Date: 03/20/25

Air Canister Certification Results

Lab ID: L2511080-05
Client ID: CAN 4347 SHELF 41
Sample Location:

Date Collected: 02/27/25 18:00
Date Received: 02/28/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 03/01/25 00:32
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2511080
Report Date: 03/20/25

Air Canister Certification Results

Lab ID: L2511080-05
Client ID: CAN 4347 SHELF 41
Sample Location:

Date Collected: 02/27/25 18:00
Date Received: 02/28/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2511080
Report Date: 03/20/25

Air Canister Certification Results

Lab ID: L2511080-05
Client ID: CAN 4347 SHELF 41
Sample Location:

Date Collected: 02/27/25 18:00
Date Received: 02/28/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2511080
Report Date: 03/20/25

Air Canister Certification Results

Lab ID: L2511080-05
Client ID: CAN 4347 SHELF 41
Sample Location:

Date Collected: 02/27/25 18:00
Date Received: 02/28/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	0.996	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2511080
Report Date: 03/20/25

Air Canister Certification Results

Lab ID: L2511080-05
Client ID: CAN 4347 SHELF 41
Sample Location:

Date Collected: 02/27/25 18:00
Date Received: 02/28/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	91		60-140
Bromochloromethane	98		60-140
chlorobenzene-d5	91		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2511080
Report Date: 03/20/25

Air Canister Certification Results

Lab ID: L2511080-05
Client ID: CAN 4347 SHELF 41
Sample Location:

Date Collected: 02/27/25 18:00
Date Received: 02/28/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 03/01/25 00:32
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2511080
Report Date: 03/20/25

Air Canister Certification Results

Lab ID: L2511080-05
Client ID: CAN 4347 SHELF 41
Sample Location:

Date Collected: 02/27/25 18:00
Date Received: 02/28/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2511080
Report Date: 03/20/25

Air Canister Certification Results

Lab ID: L2511080-05
Client ID: CAN 4347 SHELF 41
Sample Location:

Date Collected: 02/27/25 18:00
Date Received: 02/28/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	96		60-140
bromochloromethane	104		60-140
chlorobenzene-d5	97		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2511080
Report Date: 03/20/25

Air Canister Certification Results

Lab ID: L2511080-06
Client ID: CAN 2569 SHELF 42
Sample Location:

Date Collected: 02/27/25 18:00
Date Received: 02/28/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 03/01/25 01:11
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2511080
Report Date: 03/20/25

Air Canister Certification Results

Lab ID: L2511080-06
Client ID: CAN 2569 SHELF 42
Sample Location:

Date Collected: 02/27/25 18:00
Date Received: 02/28/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2511080
Report Date: 03/20/25

Air Canister Certification Results

Lab ID: L2511080-06
Client ID: CAN 2569 SHELF 42
Sample Location:

Date Collected: 02/27/25 18:00
Date Received: 02/28/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2511080
Report Date: 03/20/25

Air Canister Certification Results

Lab ID: L2511080-06
Client ID: CAN 2569 SHELF 42
Sample Location:

Date Collected: 02/27/25 18:00
Date Received: 02/28/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	0.996	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2511080

Project Number: CANISTER QC BAT **Report Date:** 03/20/25

Air Canister Certification Results

Lab ID: L2511080-06
Client ID: CAN 2569 SHELF 42
Sample Location:

Date Collected: 02/27/25 18:00
Date Received: 02/28/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	92		60-140
Bromochloromethane	100		60-140
chlorobenzene-d5	94		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2511080
Report Date: 03/20/25

Air Canister Certification Results

Lab ID: L2511080-06
Client ID: CAN 2569 SHELF 42
Sample Location:

Date Collected: 02/27/25 18:00
Date Received: 02/28/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 03/01/25 01:11
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2511080
Report Date: 03/20/25

Air Canister Certification Results

Lab ID: L2511080-06
Client ID: CAN 2569 SHELF 42
Sample Location:

Date Collected: 02/27/25 18:00
Date Received: 02/28/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2511080
Report Date: 03/20/25

Air Canister Certification Results

Lab ID: L2511080-06
Client ID: CAN 2569 SHELF 42
Sample Location:

Date Collected: 02/27/25 18:00
Date Received: 02/28/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	98		60-140
bromochloromethane	106		60-140
chlorobenzene-d5	99		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2511362
Report Date: 03/20/25

Air Canister Certification Results

Lab ID: L2511362-09
Client ID: CAN 5321 SHELF 61
Sample Location:

Date Collected: 03/01/25 13:00
Date Received: 03/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 03/01/25 23:46
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2511362
Report Date: 03/20/25

Air Canister Certification Results

Lab ID: L2511362-09
Client ID: CAN 5321 SHELF 61
Sample Location:

Date Collected: 03/01/25 13:00
Date Received: 03/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2511362
Report Date: 03/20/25

Air Canister Certification Results

Lab ID: L2511362-09
Client ID: CAN 5321 SHELF 61
Sample Location:

Date Collected: 03/01/25 13:00
Date Received: 03/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2511362
Report Date: 03/20/25

Air Canister Certification Results

Lab ID: L2511362-09
Client ID: CAN 5321 SHELF 61
Sample Location:

Date Collected: 03/01/25 13:00
Date Received: 03/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	0.996	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2511362

Project Number: CANISTER QC BAT **Report Date:** 03/20/25

Air Canister Certification Results

Lab ID: L2511362-09
Client ID: CAN 5321 SHELF 61
Sample Location:

Date Collected: 03/01/25 13:00
Date Received: 03/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	87		60-140
Bromochloromethane	98		60-140
chlorobenzene-d5	92		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2511362
Report Date: 03/20/25

Air Canister Certification Results

Lab ID: L2511362-09
Client ID: CAN 5321 SHELF 61
Sample Location:

Date Collected: 03/01/25 13:00
Date Received: 03/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 03/01/25 23:46
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2511362
Report Date: 03/20/25

Air Canister Certification Results

Lab ID: L2511362-09
Client ID: CAN 5321 SHELF 61
Sample Location:

Date Collected: 03/01/25 13:00
Date Received: 03/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2511362
Report Date: 03/20/25

Air Canister Certification Results

Lab ID: L2511362-09
Client ID: CAN 5321 SHELF 61
Sample Location:

Date Collected: 03/01/25 13:00
Date Received: 03/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	95		60-140
bromochloromethane	105		60-140
chlorobenzene-d5	100		60-140

Project Name: 556 BALTIC ST. SUL EVD.
Project Number: 0204090

Lab Number: L2513121
Report Date: 03/20/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
NA	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2513121-01A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L2513121-02A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L2513121-03A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)
L2513121-04A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L2513121-05A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)
L2513121-06A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)
L2513121-07A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)

*Values in parentheses indicate holding time in days

Project Name:	556 BALTIC ST. SUL EVD.	**Lab Number:**	L2513121
Project Number:	0204090	**Report Date:**	03/20/25

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: Data Usability Report

Project Name:	556 BALTIC ST. SUL EVD.	**Lab Number:**	L2513121
Project Number:	0204090	**Report Date:**	03/20/25

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

Report Format: Data Usability Report

Project Name:	556 BALTIC ST. SUL EVD.	**Lab Number:**	L2513121
Project Number:	0204090	**Report Date:**	03/20/25

Data Qualifiers

ND - Not detected at the reporting limit (RL) for the sample.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 556 BALTIC ST. SUL EVD.
Project Number: 0204090
Lab Number: L2513121
Report Date: 03/20/25

REFERENCES

48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY JY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 3090, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

AIR ANALYSIS

PAGE 1 OF 1

CHAIN OF CUSTODY

Date Rec'd in Lab: 03/08/25

ALPHA Job #: L2513121

320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: H&A of NY Eng. & Geology
Address: 213 W 35th St. Fl. 7
New York, NY
Phone: 646-277-5690
Fax:
Email: Zimmel@haliyaldich.com
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: 556 Baltic St - SVI Eval
Project Location: 556 Baltic St, BK, NY 11217
Project #: 0204090
Project Manager: Zachary Simmel
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☒ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☒ EMAIL (standard pdf report)
☐ Additional Deliverables:
Report to: (if different than Project Manager)

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	ANALYSIS TO-15	TO-15 SIM	APH (Subject Non-petroleum HCs ☐)	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
13121-01	IA-01	03/07/25	1134	1134	-29.22	-3.04	AA	MC	6L	4978	01279	X					
13121-02	IA-02		1133	1133	-29.75	-3.80				5430	01208	X					
-03	IA-03		1131	1131	-29.88	-9.42				2262	01796	X					
-04	IA-04		1135	1135	-29.56	-8.82				2112	0133	X					
-05	IA-05		1130	1130	-29.32	-6.32				1996	02155	X					
-06	IA-06		1130	1130	-29.94	-8.80				5453	0555	X					
-07	AA-01		1136	1136	-29.91	-5.36				1881	01892	X					

*SAMPLE MATRIX CODES

AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type: 6S

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time:
Matthew C. Cal	03/7/25	[illegible]	3/7/25 1:50
[illegible] for Anthony Green	3/7/25 18:10	Anthony Green	MAR 07 2025 2100
[illegible]		Isabel Quintero 03/08/25 0800	3/8/25 0540