PERIODIC REVIEW REPORT

for

WILLETS POINT DEVELOPMENT
PHASE 1 SENIOR HOUSING

Queens, New York
NYSDEC BCP Site No. C241146B

Prepared For:

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April 16, 2026
170197650

LANGAN

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CERTIFICATION

For each Institutional Control (IC) or Engineering Control (EC) 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 and EC required by the remedial program was performed under my direction;*
- *The IC and/or EC 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 SMP 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;*
- *Use of the Site is compliant with the environmental easement;*
- *The EC systems are performing as designed and are effective;*
- *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, Gerald Nicholls, of Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C, am certifying as Owner's/RP'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.

NYS Professional Engineer #092433	Date	Signature
	04/16/2026	Gerry Nicholls

1.0 INTRODUCTION AND BACKGROUND

This Periodic Review Report (PRR) documents compliance with the June 24, 2024 Site Management Plan (SMP) for the Willets Point Development Phase 1 Senior Housing Brownfield Cleanup Program (BCP) site No. C241146B (the Site) between July 18, 2024 and December 18, 2025 (the reporting period). The Site is located at 38-02 126th Lane in Queens, New York. The Site was remediated pursuant to a December 16, 2013 New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Agreement (BCA) for BCP Site No. C241146B and a Certificate of Completion (COC) was issued by the NYSDEC on July 18, 2024.

The Site comprises about 0.370 acres in the Willets Point neighborhood and occupies Queens Borough Block 1833, Lot 140. The Site is bound by future 126th Lane and the Willets Point Development SCA School BCP Site (C241146D) to the north; by future 39th Avenue followed by an NYSDEC-registered recycling facility (Evergreen Recycling of Corona [EROC]) and Van Wyck Expressway to the east; by the Willets Point Development Phase 1 Housing Building 1 and 2 BCP Site (BCP Site No. C241146), Roosevelt Avenue and Metropolitan Transit Authority (MTA) No. 7 aboveground subway train line followed by the MTA New York City Transit Casey Stengel Bus Depot and Corona Maintenance Facility to the south; and the Willets Point Development Triangle Parcel BCP Site (BCP Site No. C241146E) and Seaver Way, followed by Citi Field baseball stadium to the west. A site location and layout plan are provided as Figure 1.

The Site was a portion of the former 22.868-acre Willets Point Development BCP Site and remediated as a part of Operable Unit 1 (OU-1) in accordance with the May 11, 2021 OU-1 Remedial Action Work Plan (RAWP) and May 21, 2021 OU-1 Decision Document. Remediation was performed throughout the Site and the adjoining roadways to the north and east. The remediation for the Site included excavating soil/fill to between elevation (el.) 8 feet and el. 7 feet North American Vertical Datum of 1988 (NAVD88 (at least 2 feet bgs), removal of petroleum source material containing non-aqueous phase liquid (NAPL) contamination from el. 6 feet and to el. -3 (about 4 to 13 feet bgs) from within the Site and the adjoining lot bordering the Site to the north and east, construction of a support of excavation (SOE) system, dewatering of petroleum source material excavations, and the installation of an engineered site cover system consisting of a minimum of 2 feet of clean fill (meeting the lower of Protection of Groundwater [PGW] and Restricted Residential [RR] Soil Cleanup Objectives [SCOs]) or gravel imported from an approved facility/source. In areas of the site cover system, the top 4 inches, minimum, consisted of virgin 0.75 inch crushed quarry stone to serve as dust and vegetation suppression and mitigate erosion. The remedial activities for the Site were completed as of March 2022, with the exception of vapor mitigation (e.g., vapor barrier), which is planned as part of building construction pursuant to the SMP.

An amendment to the BCA, dated October 31, 2023, and seven new BCAs divided the former 22.868-acre Willets Point Development BCP Site into eight separate BCP sites, including this Site (BCP Site No. C241146B), BCP Site No. C241146 and BCP Site Nos. C241146C through C24146H, and removed roadway and sliver lot parcels.

After completion of the remedial work, some contamination was left at the Site, which is hereafter referred to as "remaining contamination." Institutional and Engineering Controls (ICs and ECs) have been incorporated into the Site remedy to control exposure to remaining contamination and to provide protection of public health and the environment. An Environmental Easement (EE) was granted by the NYSDEC and recorded with the New York City Office of the City Register (Appendix A). The EE requires compliance with the June 24, 2024 SMP and all ECs and ICs placed on the Site.

The Site is vacant and is pending redevelopment. During the reporting period, Site activities that required compliance with the June 24, 2024 SMP included shallow trench excavation during construction of the Building 2 foundation, construction of a temporary access ramp by reusing NYSDEC-approved clean fill from the adjacent Willets Point Development Triangle Parcel BCP site (Site No. C241146E), and a preliminary waste characterization investigation to support the forthcoming redevelopment.

2.0 PERIODIC REVIEW REPORT CERTIFICATION

2.1 Institutional Controls

Institutional Controls (IC) to be implemented pursuant to the December 8, 2023 SMP and EE are:

- The property may be used for: restricted-residential use, commercial, and industrial uses, subject to local zoning laws;
- The Site owner must complete and submit to NYSDEC a periodic certification of ICs and ECs in accordance with Part 375-1.8(h)3;
- All ECs must be operated and maintained as specified in the SMP;
- All ECs must be inspected at a frequency and in a manner defined in the SMP;
- The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the New York State Department of Health (NYSDOH) or the New York City Department of Health and Mental Hygiene (NYC DOHMH) 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;
- Compliance with the SMP and EE is required;
- Groundwater and other environmental or public health monitoring must be performed as defined in the SMP;
- Data and information pertinent to site management must be reported at the frequency and in a manner as defined in the SMP;
- All future activities that will disturb remaining contaminated material must be conducted in accordance with the SMP;
- Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in the SMP;
- Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical component of the remedy shall be performed as defined in the 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;
- On-site buildings constructed below groundwater will include vapor mitigation other than sub-slab depressurization systems. For vapor mitigation other than sub-slab depressurization, a soil vapor intrusion evaluation will be completed to determine if the system is an acceptable vapor mitigation measure;

- Vegetable gardens and farming in residual soil on the Site are prohibited; and
- 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.

There have been no changes or actions since the COC that require modification to the EE or ICs listed above.

2.2 Engineering Controls

After completing the remedial action, soil samples from beneath the demarcation layer contained localized semivolatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), metals, and per- and polyfluoroalkyl substances (PFAS) above the lower of PGW and RR SCOs in at least one documentation sample. ECs were implemented to manage the remaining contamination and to protect human health and the environment. The ECs for the Site include a site cover system, to eliminate exposure to remaining contaminated soil, and vapor mitigation system(s).

2.2.1 Site Cover System

Exposure to remaining contamination at the Site is prevented by an engineered site cover system. This site cover system constructed during the remediation consisted of a minimum of 2 feet of clean fill or virgin quarry stone imported from an approved facility/source. The top 4 inches, minimum, of the site cover system consists of virgin 0.75-inch crushed quarry stone. Imported soil (i.e., clean fill) meets the lower of PGW and RR SCOs. A physical demarcation layer consisting of orange snow fencing is placed below the soil cover system as a visual reference layer. The final day of installation of the site cover system was March 10, 2022. The extents of the site cover system are shown on Figure 2.

2.2.2 Vapor Mitigation System(s)

ECs to be incorporated into the planned building to be constructed on the Site will include vapor mitigation system(s) to mitigate the potential for soil vapor intrusion into buildings constructed on the Site. On-site buildings constructed below groundwater will include vapor mitigation other than sub-slab depressurization systems. For vapor mitigation other than sub-slab depressurization, a soil vapor intrusion evaluation will be completed to determine if the system is an acceptable vapor mitigation measure.

A sub-slab depressurization system is not included in the planned building at the Site because it will include a cellar level spanning the building extents and a foundation slab constructed below groundwater, therefore depressurization is not an effective vapor mitigation measure. The

planned building will include vapor barriers incorporated into the concrete foundation slabs, mechanically ventilated parking garages, and indoor air sampling after building construction.

No buildings have been constructed on this site as of December 18, 2025. Therefore, the vapor mitigation system(s) discussed above are not yet in place.

2.3 Institutional and Engineering Controls Certification

The certification period covered by this PRR is July 18, 2024 through December 18, 2025. SMP operations, as described in Sections 3.0 and 4.0, and annual inspections and sampling, as described in Section 5.0, were completed in accordance with the requirements of the BCP and certified by the Site owner and Professional Engineer in the EC/IC Certificate Form. The completed and signed IC/EC Certification Forms are provided as Appendix B.

3.0 SMP OPERATIONS

Site redevelopment has not commenced at the Site. Two activities occurred during the reporting period that required SMP compliance are detailed in the following sub section. SMP work notifications were submitted to NYSDEC via email on May 11, 2023, August 15, 2025 and November 19, 2025. SMP work notifications are provided in Appendix C.

3.1 Compliance with SMP

SMP compliance activities completed during the reporting period included:

- Building 2 Foundation Excavation: Two shallow trenches were excavated along the southern Site boundary during Building 2 foundation construction pursuant to the SMP work notification submitted to NYSDEC for former OU-1 on May 11, 2023 (Appendix C). Two trenches about 10 feet wide were excavated to a depth of about one foot bgs. The trenches are temporary and do not penetrate the site cover system or breach the demarcation layer. The trench locations are shown on Figure 2.
- Temporary Access Ramp Construction: Construction of a temporary access ramp at the Site to support redevelopment activities occurring on the adjacent Willets Point Development Phase 1 Buildings 1 and 2 site (BCP Site No. C241146) pursuant to the SMP work notification submitted to NYSDEC on August 15, 2025 (Appendix C). The temporary access ramp was constructed of NYSDEC-approved clean fill and crushed virgin quarry stone reused from the Willets Point Development Triangle Parcel BCP site (BCP Site No. C241146E). Clean fill was backfilled above the site cover system to the top of the 126th Lane sidewalk (about el 9.5 to 18) and crushed virgin quarry stone was used for a stabilized construction entrance. Temporary access ramp construction occurred on August 22, September 5 and 8, 2025.
- Preliminary Waste Characterization Investigation: A preliminary waste characterization was completed pursuant to the SMP work notification submitted to NYSDEC on November 19, 2025 (Appendix C). The waste characterization investigation consisted of 16 soil borings advanced to a maximum depth of 18 feet below the ground surface (bgs). A total of 10 grab and composite soil samples were collected for laboratory analysis of waste characterization parameters, in support of the forthcoming Building 3 redevelopment project. The waste characterization investigation occurred on November 24 and 25, 2025.

Langan documented that ground-intrusive activities conformed to the SMP, coordinated NYSDEC approval for material reuse, tracked backfill quantities, and implemented the Community Air Monitoring Plan (CAMP). Ground intrusive activities were completed in accordance with the

Excavation Work Plan (EWP), appended to the June 24, 2024 SMP. Daily field reports are provided in Appendix D.

3.1.1 Construction Health and Safety Plan

Construction activities were in compliance with the Construction Health and Safety Plan (CHASP) and applicable laws and regulations. The health and safety program personnel are listed in the CHASP, appended to the June 24, 2024 SMP.

3.1.2 Community Air Monitoring Plan

During construction of the temporary access ramp in August and September of 2025, CAMP was not implemented as the work did not breach the cover system. CAMP was implemented during ground intrusive soil boring advancement on November 24 and 25, 2025. Implementation of CAMP included air monitoring for particulate matter for particulates less than 10 µm in diameter (PM10) and volatile organic compounds (VOC) at three perimeter Aeroqual™ AQS1 stations.

No particulates or petroleum odors associated with impacted soil were observed migrating from the property. Vapor and particulate concentrations above daily background levels were observed due to normal construction activities and not related to ground intrusive work. No CAMP exceedances occurred during this work. Results of community air monitoring are appended to the daily field reports provided in Appendix D.

3.1.3 Excavation Work Plan

The Excavation Work Plan (EWP) provides detailed plans for managing soils/materials at the Site, including excavation, material handling, stockpile management, transport and disposal. The (EWP) includes controls to guide effective remedial activity in compliance with applicable laws and regulations. Construction activities at the site complied with the EWP. Additional details of soils/material handling at the site are provided in Section 3.2.

3.1.4 Stormwater Pollution Prevention

Erosion and sediment controls conformed to the New York State Guidelines for Urban Erosion and Sediment Control. Compliance with a Stormwater Pollution Prevention Plan (SWPPP) was documented by the project civil engineer.

3.1.5 Deviations from the Site Management Plan

No deviations from the SMP were identified during post-COC work.

3.2 Material Reuse / Backfill

Triumph Construction (Triumph) reused a total of 860 cubic yards of clean fill and 80 cubic yards of virgin crushed quarry stone from the Triangle Parcel BCP Site (BCP Site No. C241146E). The material was excavated from above the demarcation layer on BCP Site No. C241146E, inspected for signs of contamination, and segregated before transferring to the Site. Clean fill met NYSDEC-approved cover soil quality objectives, the lower of the RR or PGW SCOs and was sampled prior to import in accordance with NYSDEC Soil Cleanup Guidance CP-51. A summary of material import per facility is provided below.

Backfilled locations are shown on Figure 3. Material reuse documentation included a material reuse request package and NYSDEC approval is provided in Appendix E.

4.0 POST OPERATION ENGINEERING CONTROL STATUS

Engineering Control Status:

- Site Cover System – ***Intact***

This report provides documentation that ground intrusive construction activities were completed to accommodate the construction of the temporary access ramp and waste characterization investigation in accordance with the NYSDEC-approved SMP. At completion of the SMP operation, the site cover system remained intact. The completed and signed IC/EC Certification Forms are provided as Appendix B

5.0 ANNUAL INSPECTIONS AND PERIODIC GROUNDWATER SAMPLING

Langan completed an annual site inspection and collected quarterly groundwater samples in accordance with the SMP and for the current PRR reporting period. The annual inspection and sampling activities are described in the following sections.

5.1 Site Inspection

Langan conducted an annual site inspection of the site cover system on November 21, 2025, which included observation of the quality and integrity of the site cover system. The site cover system was observed to be intact across the site. Two shallow trenches (less than 1 foot deep) were observed along the southern site boundary at the interface of Building 2. The trenches were excavated during Building 2 redevelopment for waterproofing the adjacent foundation. The trenches were excavated to approximately one foot below ground surface and did not penetrate the site cover or breach the demarcation layer. The trenches will be restored with the segregated clean cover system material, or replace concrete building slabs, during the next reporting period. An access ramp comprised of clean fill reused from the Willets Point Development Triangle Parcel BCP site (Site No. C241146E) was installed in the central part of the Site and varied between 2 to 10 feet thick. A completed site cover system inspection form is included as Appendix F. A photographic documentation log is included in Appendix G.

5.2 Quarterly Groundwater Sampling

In accordance with the NYSDEC-approved June 24, 2024 SMP, groundwater samples were collected quarterly to assess the performance of the remedy across Willets Point Development BCP Site Nos. C241146B, C241146D, C241146E, and C241146H. Quarterly groundwater sampling for the Site was conducted at monitoring wells B-MW201R, B-MW206 and C-MW205 during the reporting period in July 2024, January 2025, April 2025, July 2025, and October 2025. The results of the quarterly groundwater monitoring for all Willets Point BCP sites are presented in the Quarterly Groundwater Monitoring Report provided in Appendix H. A synopsis of groundwater sampling performed at monitoring wells for this Site is presented below.

5.2.1 Groundwater Sampling and Analysis

Prior to groundwater sample collection, total VOC headspace measurements were collected using a PID. Water level measurements were recorded, and the well was screened for light non-aqueous phase liquid (LNAPL) using a decontaminated oil-water interface probe. A peristaltic pump with dedicated polyethylene tubing was used for purging and sampling. During purging, the turbidity, pH, temperature, conductivity, oxidation-reduction potential, and dissolved oxygen were monitored using a Horiba U-52 water quality meter with a flow-through cell. Groundwater was purged until water quality parameters were stable and the turbidity was below

50 nephelometric turbidity units (NTU) or one hour of purging had elapsed. Measurements were recorded on Langan field sampling forms.

After purging, groundwater samples were collected directly from the dedicated tubing into laboratory-supplied sample glassware, sealed, labeled, and placed in ice-chilled coolers. The samples were then submitted to Alpha Analytical Inc., a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-accredited laboratory in Westborough, Massachusetts (ELAP ID 11627). Duplicate and trip blank samples were collected during each event for QA/QC. Samples were analyzed for Target Compound List (TCL) VOCs using EPA Method 8260, SVOCs using EPA Method 8270D, and 1,4-dioxane using EPA Method8270D-SIM.

5.2.2 Groundwater Sample Analytical Results

Groundwater sample results were compared to the NYSDEC Title 6 Codes, Rules, and Regulations (NYCRR) Part 703.5 and the NYSDEC Technical and Operation Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values for Class GA Water and published addenda (herein collectively referenced as "NYSDEC SGVs"). A summary of the analytical results from the October 2025 sampling event compared to the August 2022 baseline sampling event are discussed below.

- **B-MW201R**: VOCs were not detected above NYSDEC SGVs during the August 2022 Baseline Sampling Event. Two VOCs, chlorobenzene and 1,4-dichlorobenzene, were detected above NYSDEC SGVs during the October 2025 sampling event. Five SVOCs were detected above NYSDEC SGVs during the August 2022 baseline sampling event and two SVOCs, 1,4-dichlorobenzene and 1,4-dioxane, were detected marginally above NYSDEC SGVs during the October 2025 sampling event.
- **B-MW206**: One VOC, benzene, was detected above NYSDEC SGVs during the August 2022 baseline sampling event. Two VOCs, acetone and benzene, were detected above NYSDEC SGVs during the October 2025 sampling event. Five SVOCs were detected above NYSDEC SGVs during the August 2022 baseline sampling and two SVOCs, 1,4-dioxane and phenol, were detected above NYSDEC SGVs during the October 2025 sampling event.
- **C-MW205:** Two VOCs, benzene and tert-butyl methyl ether (MTBE), were detected above NYSDEC SGVs during the August 2022 baseline sampling event. The same two VOCs, benzene and MTBE, were detected above NYSDEC SGVs during the October 2025 sampling event. No SVOCs were detected above NYSDEC SGVs during the August 2022 baseline sampling event, and two SVOCs, 1,4-dichlorobenzene and phenol were detected above NYSDEC SGVs during the October 2025 sampling event.

Groundwater sample analytical results are summarized in Table 1 and Figure 4.

6.0 CONCLUSIONS AND RECOMMENDATIONS

6.1 Amendments to the SMP

No amendments to the SMP are recommended at this time.

6.2 Amendments to the Frequency of PRR Submissions

No changes in the frequency of PRR submissions are recommended at this time.

6.3 Proposed Discontinuation of SMP

Discontinuation of the SMP is not recommended at this time.

FIGURES

Notes:
1. Light Gray Canvas basemap provided through Langan's Esri and ArcGIS software licensing and ArcGIS Online.
2. Topographic basemap adapted from United States Geological Survey (USGS) 7.5-Minute Series Topographical Maps, Flushing, New York, Quadrangle.
3. Tax parcel data provided by the New York City Department of City Planning, MapPLUTO 25v1.

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Project
WILLETS POINT DEVELOPMENT PHASE 1 SENIOR HOUSING
BCP SITE NO. C241146B
QUEENS NEW YORK

Figure Title
SITE LOCATION MAP AND LAYOUT PLAN

Project No. 170197605	Figure No. 1
Date 12/11/2025	
Scale 1"=250'	
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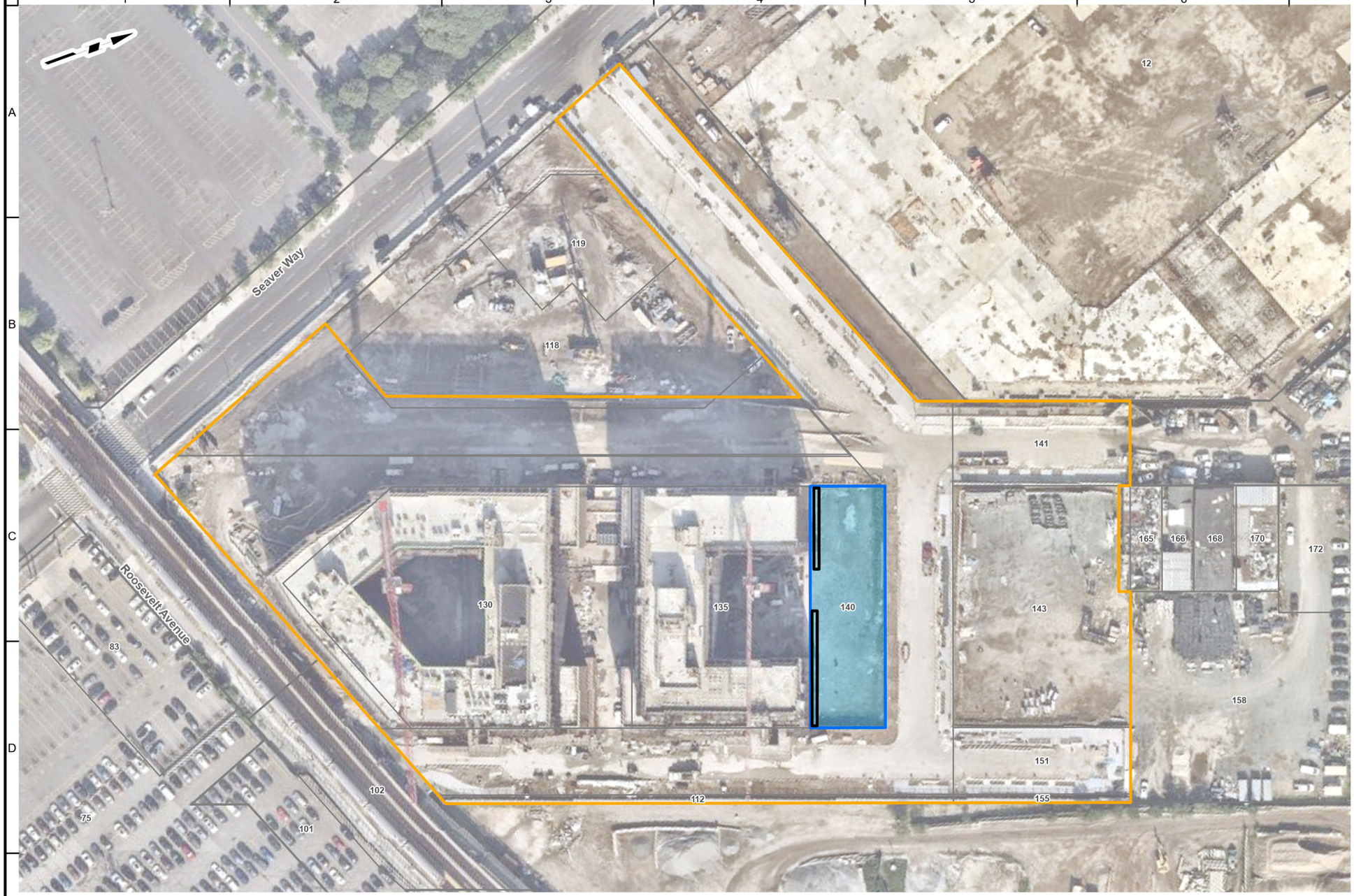
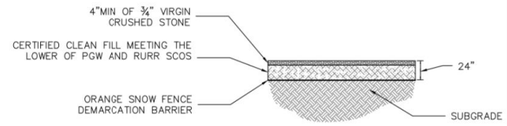


Legend

- Approximate BCP Site Boundary
- Former OU-1 Boundary
- Tax Parcel
- Approximate Extents of minimum 2-foot thick site cover system consisting of about 20 inches of imported clean fill and 4 inches of imported virgin quarry stone
- Approximate extents of shallow trenches excavated to about 1-foot below ground surface during Building 2 redevelopment (See Note 3)



Detail 1:
Typical Clean Fill Cap (Not to Scale)

Notes:
1. Imagery provided through Langan's subscription to Nearmap.com. Flown on 07/03/2025.
2. Tax parcel data provided by the New York City Department of City Planning, MapPLUTO 23v2, and a survey prepared by Langan, July 28, 2023.
3. The shallow trenches do not penetrate the site cover system or breach the demarcation layer. The trenches are temporary and will be restored with segregated clean cover system material or replaced with concrete building slabs during the next reporting period.

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Project
WILLETS POINT DEVELOPMENT PHASE 1 SENIOR HOUSING
BCP SITE NO. C241146B
QUEENS NEW YORK

Figure Title
ENGINEERING CONTROLS: SITE COVER SYSTEM EXTENTS

Project No. 170197601	Figure No. 2
Date 12/12/2025	
Scale 1"=100'	
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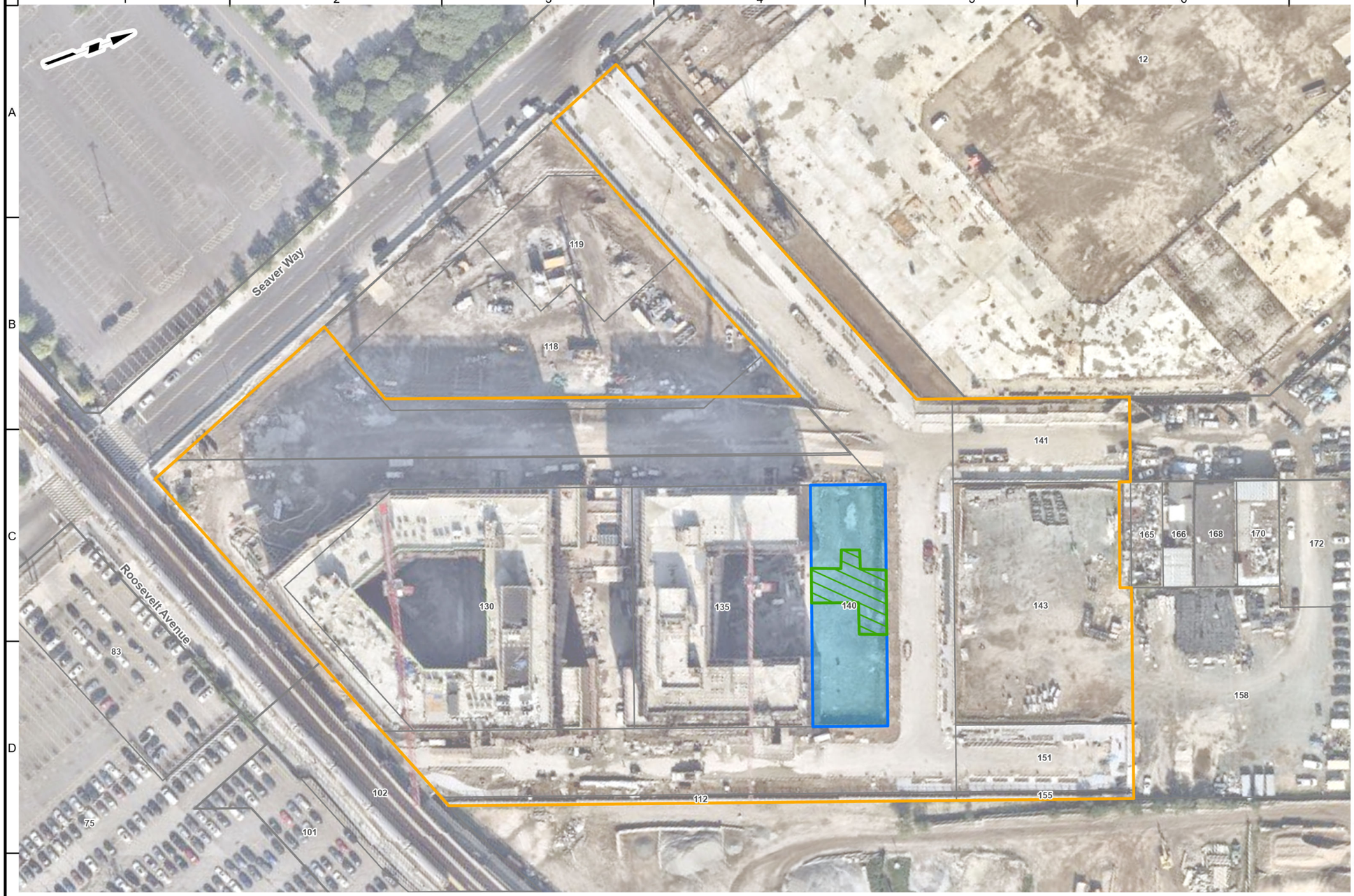

Legend

- Approximate BCP Site Boundary
- Tax Parcel
- Approximate Extents of minimum 2-foot thick site cover system consisting of about 20 inches of imported clean fill and 4 inches of imported virgin quarry stone
- Approximate extent of temporary access ramp comprised of NYSDEC-approved clean fill previously imported to BCP Site No. C241146E

Notes:
1. Imagery provided through Langan's subscription to Nearmap.com. Flown on 07/03/2025.
2. Tax parcel data provided by the New York City Department of City Planning, MapPLUTO 23v2, and a survey prepared by Langan, July 28, 2023.

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Project
WILLETS POINT DEVELOPMENT PHASE 1 SENIOR HOUSING
BCP SITE NO. C241146B
QUEENS NEW YORK

Figure Title
BACKFILL LOCATION MAP

Project No. 170197601	Figure No. 3
Date 12/12/2025	
Scale 1"=100'	
Drawn By GS	Figure 3 of 4

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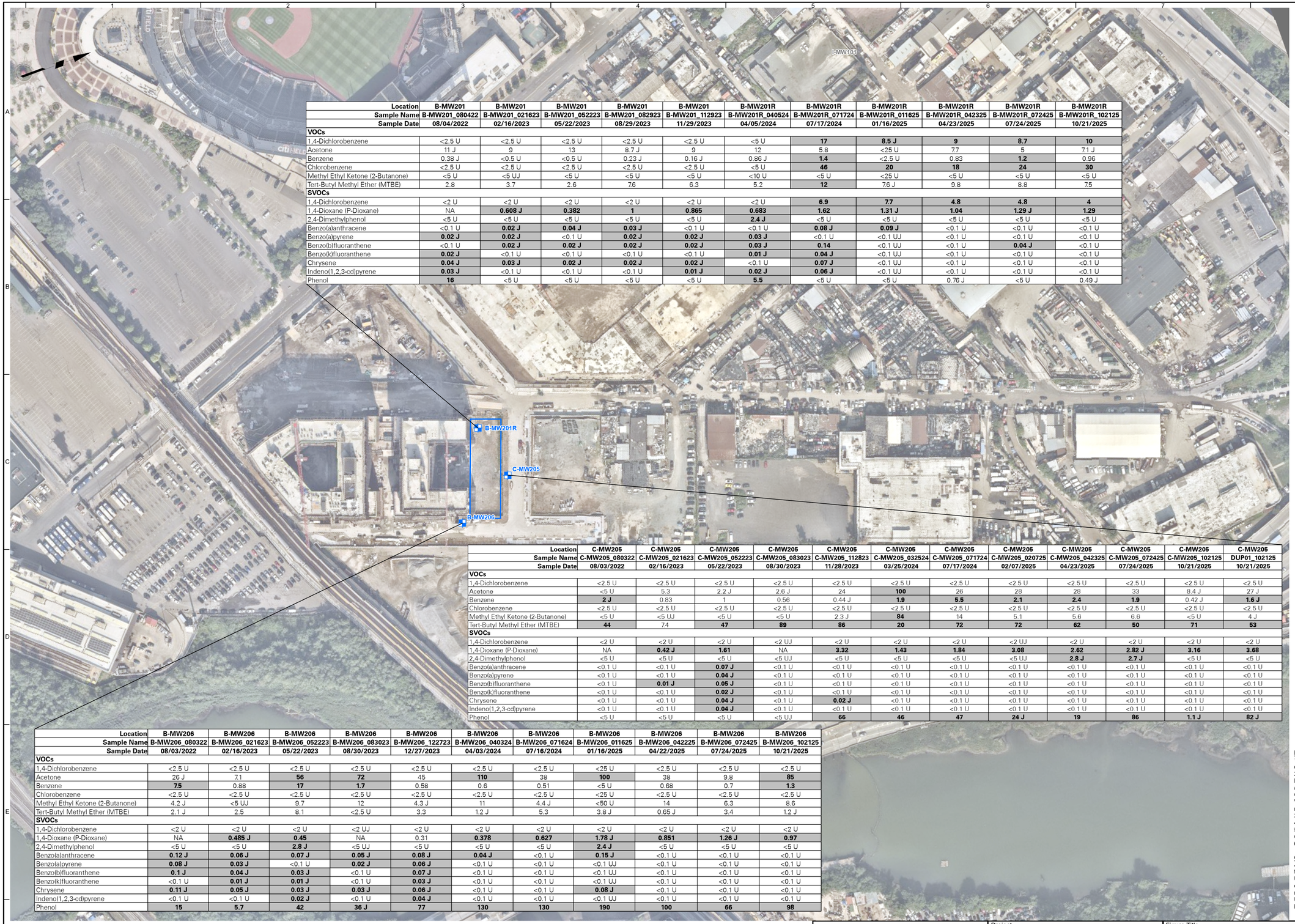

Location	B-MW201	B-MW201	B-MW201	B-MW201	B-MW201	B-MW201R	B-MW201R	B-MW201R	B-MW201R	B-MW201R	B-MW201R
Sample Name	B-MW201_080422	B-MW201_021623	B-MW201_052223	B-MW201_082923	B-MW201_112923	B-MW201R_040524	B-MW201R_071724	B-MW201R_011625	B-MW201R_042325	B-MW201R_072425	B-MW201R_102125
Sample Date	08/04/2022	02/16/2023	05/22/2023	08/29/2023	11/29/2023	04/05/2024	07/17/2024	01/16/2025	04/23/2025	07/24/2025	10/21/2025
VOCs											
1,4-Dichlorobenzene	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	**17**	**8.5 J**	**9**	**8.7**	**10**
Acetone	11 J	9	13	8.7 J	9	12	5.8	<25 U	7.7	5	7.1 J
Benzene	0.38 J	<0.5 U	<0.5 U	0.23 J	0.16 J	0.86 J	**1.4**	<2.5 U	0.83	**1.2**	0.96
Chlorobenzene	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	**46**	**20**	**18**	**24**	**30**
Methyl Ethyl Ketone (2-Butanone)	<5 U	<5 UJ	<5 U	<5 U	<5 U	<10 U	<5 U	<25 U	<5 U	<5 U	<5 U
Tert-Butyl Methyl Ether (MTBE)	2.8	3.7	2.6	7.6	6.3	5.2	**12**	7.6 J	9.8	8.8	7.5
SVOCs											
1,4-Dichlorobenzene	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	**6.9**	**7.7**	**4.8**	**4.8**	**4**
1,4-Dioxane (P-Dioxane)	NA	**0.608 J**	**0.382**	**1**	**0.865**	**0.683**	**1.62**	**1.31 J**	**1.04**	**1.29 J**	**1.29**
2,4-Dimethylphenol	<5 U	<5 U	<5 U	<5 U	<5 U	**2.4 J**	<5 U	<5 U	<5 U	<5 U	<5 U
Benzo(a)anthracene	<0.1 U	**0.02 J**	**0.04 J**	**0.03 J**	<0.1 U	<0.1 U	**0.08 J**	**0.09 J**	<0.1 U	<0.1 U	<0.1 U
Benzo(a)pyrene	**0.02 J**	**0.02 J**	<0.1 U	**0.02 J**	**0.02 J**	**0.03 J**	<0.1 U	<0.1 UJ	<0.1 U	<0.1 U	<0.1 U
Benzo(b)fluoranthene	<0.1 U	**0.02 J**	**0.02 J**	**0.02 J**	**0.02 J**	**0.03 J**	**0.14**	<0.1 UJ	<0.1 U	**0.04 J**	<0.1 U
Benzo(k)fluoranthene	**0.02 J**	<0.1 U	<0.1 U	<0.1 U	<0.1 U	**0.01 J**	**0.04 J**	<0.1 UJ	<0.1 U	<0.1 U	<0.1 U
Chrysene	**0.04 J**	**0.03 J**	**0.02 J**	**0.02 J**	**0.02 J**	<0.1 U	**0.07 J**	<0.1 UJ	<0.1 U	<0.1 U	<0.1 U
Indeno(1,2,3-cd)pyrene	**0.03 J**	<0.1 U	<0.1 U	<0.1 U	**0.01 J**	**0.02 J**	**0.06 J**	<0.1 UJ	<0.1 U	<0.1 U	<0.1 U
Phenol	**16**	<5 U	<5 U	<5 U	<5 U	**5.5**	<5 U	<5 U	0.76 J	<5 U	0.49 J

Location	C-MW205	C-MW205	C-MW205	C-MW205	C-MW205	C-MW205	C-MW205	C-MW205	C-MW205	C-MW205	C-MW205	C-MW205
Sample Name	C-MW205_080322	C-MW205_021623	C-MW205_052223	C-MW205_083023	C-MW205_112823	C-MW205_032524	C-MW205_071724	C-MW205_020725	C-MW205_042325	C-MW205_072425	C-MW205_102125	DUP01_102125
Sample Date	08/03/2022	02/16/2023	05/22/2023	08/30/2023	11/28/2023	03/25/2024	07/17/2024	02/07/2025	04/23/2025	07/24/2025	10/21/2025	10/21/2025
VOCs												
1,4-Dichlorobenzene	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Acetone	<5 U	5.3	2.2 J	2.6 J	24	**100**	26	28	28	33	8.4 J	27 J
Benzene	**2 J**	0.83	1	0.56	0.44 J	**1.9**	**5.5**	**2.1**	**2.4**	**1.9**	0.42 J	**1.6 J**
Chlorobenzene	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Methyl Ethyl Ketone (2-Butanone)	<5 U	<5 UJ	<5 U	<5 U	2.3 J	**84**	14	5.1	5.6	6.6	<5 U	4 J
Tert-Butyl Methyl Ether (MTBE)	**44**	74	**47**	**89**	**86**	**20**	**72**	**72**	**62**	**50**	**71**	**53**
SVOCs												
1,4-Dichlorobenzene	<2 U	<2 U	<2 U	<2 UJ	<2 U	<2 U	<2 U	<2 UJ	<2 U	<2 U	<2 U	<2 U
1,4-Dioxane (P-Dioxane)	NA	**0.42 J**	**1.61**	NA	**3.32**	**1.43**	**1.84**	**3.08**	**2.62**	**2.82 J**	**3.16**	**3.68**
2,4-Dimethylphenol	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 UJ	**2.8 J**	**2.7 J**	<5 U	<5 U
Benzo(a)anthracene	<0.1 U	<0.1 U	**0.07 J**	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U
Benzo(a)pyrene	<0.1 U	<0.1 U	**0.04 J**	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U
Benzo(b)fluoranthene	<0.1 U	**0.01 J**	**0.05 J**	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U
Benzo(k)fluoranthene	<0.1 U	<0.1 U	**0.02 J**	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U
Chrysene	<0.1 U	<0.1 U	**0.04 J**	<0.1 U	**0.02 J**	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U
Indeno(1,2,3-cd)pyrene	<0.1 U	<0.1 U	**0.04 J**	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U
Phenol	<5 U	<5 U	<5 U	<5 U	**66**	**46**	**47**	**24 J**	**19**	**86**	**1.1 J**	**82 J**

Location	B-MW206	B-MW206	B-MW206	B-MW206	B-MW206	B-MW206	B-MW206	B-MW206	B-MW206	B-MW206	B-MW206
Sample Name	B-MW206_080322	B-MW206_021623	B-MW206_052223	B-MW206_083023	B-MW206_122723	B-MW206_040324	B-MW206_071624	B-MW206_011625	B-MW206_042225	B-MW206_072425	B-MW206_102125
Sample Date	08/03/2022	02/16/2023	05/22/2023	08/30/2023	12/27/2023	04/03/2024	07/16/2024	01/16/2025	04/22/2025	07/24/2025	10/21/2025
VOCs											
1,4-Dichlorobenzene	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U
Acetone	26 J	7.1	**56**	**72**	45	**110**	38	**100**	38	9.8	**85**
Benzene	**7.5**	0.88	**17**	**1.7**	0.58	0.6	0.51	<5 U	0.68	0.7	**1.3**
Chlorobenzene	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U
Methyl Ethyl Ketone (2-Butanone)	4.2 J	<5 UJ	9.7	12	4.3 J	11	4.4 J	<50 U	14	6.3	8.6
Tert-Butyl Methyl Ether (MTBE)	2.1 J	2.5	8.1	<2.5 U	3.3	1.2 J	5.3	3.8 J	0.65 J	3.4	1.2 J
SVOCs											
1,4-Dichlorobenzene	<2 U	<2 U	<2 U	<2 UJ	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
1,4-Dioxane (P-Dioxane)	NA	**0.485 J**	**0.45**	NA	0.31	**0.378**	**0.627**	**1.78 J**	**0.851**	**1.26 J**	**0.97**
2,4-Dimethylphenol	<5 U	<5 U	**2.8 J**	<5 UJ	<5 U	<5 U	<5 U	**2.4 J**	<5 U	<5 U	<5 U
Benzo(a)anthracene	**0.12 J**	**0.06 J**	**0.07 J**	**0.05 J**	**0.08 J**	**0.04 J**	<0.1 U	**0.15 J**	<0.1 U	<0.1 U	<0.1 U
Benzo(a)pyrene	**0.08 J**	**0.03 J**	<0.1 U	**0.02 J**	**0.06 J**	<0.1 U	<0.1 U	<0.1 UJ	<0.1 U	<0.1 U	<0.1 U
Benzo(b)fluoranthene	**0.1 J**	**0.04 J**	**0.03 J**	<0.1 U	**0.07 J**	<0.1 U	<0.1 U	<0.1 UJ	<0.1 U	<0.1 U	<0.1 U
Benzo(k)fluoranthene	<0.1 U	**0.01 J**	**0.01 J**	<0.1 U	**0.03 J**	<0.1 U	<0.1 U	<0.1 UJ	<0.1 U	<0.1 U	<0.1 U
Chrysene	**0.11 J**	**0.05 J**	**0.03 J**	**0.03 J**	**0.06 J**	<0.1 U	<0.1 U	**0.08 J**	<0.1 U	<0.1 U	<0.1 U
Indeno(1,2,3-cd)pyrene	<0.1 U	<0.1 U	**0.02 J**	<0.1 U	**0.04 J**	<0.1 U	<0.1 U	<0.1 UJ	<0.1 U	<0.1 U	<0.1 U
Phenol	**15**	**5.7**	**42**	**36 J**	**77**	**130**	**130**	**190**	**100**	**66**	**98**

Legend

- Approximate Location of Existing Monitoring Well
- Approximate Willets Point BCP Site Boundary

Analyte	NYSDEC SGVs
VOCs	
1,4-Dichlorobenzene	3
Acetone	50
Benzene	1
Chlorobenzene	5
Methyl Ethyl Ketone (2-Butanone)	50
Tert-Butyl Methyl Ether (MTBE)	10
SVOCs	
1,4-Dichlorobenzene	3
1,4-Dioxane (P-Dioxane)	0.35
2,4-Dimethylphenol	1
Benzo(a)anthracene	0.002
Benzo(a)pyrene	0
Benzo(b)fluoranthene	0.002
Benzo(k)fluoranthene	0.002
Chrysene	0.002
Indeno(1,2,3-cd)pyrene	0.002
Phenol	1

Exceedance Summary:

10 - Result exceeds NYSDEC SGVs

Notes:
1. Basemap imagery provided through Langan's subscription to Near Map, dated 07/03/2025.
2. Groundwater sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 Codes, Rules, and Regulations (NYCRR) Part 703.5 and the NYSDEC Technical and Operation Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values for Class GA Water and published addenda (herein collectively referenced as "NYSDEC SGVs").
3. VOCs = Volatile Organic Compounds
4. SVOCs = Semi-Volatile Organic Compounds
5. NYSDEC SGVs = New York State of Environmental Conservation Standard Guidance Values.
6. Sample concentrations are in microgram per Liter (µg/L).

Qualifiers:
J - The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
U - The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the reporting limit (RL) or the sample concentration for results impacted by blank contamination.
UJ - The analyte was not detected at a level greater than or equal to the RL; however the reported RL is approximate and may be inaccurate or imprecise.

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SCALE IN FEET

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Project
WILLETS POINT DEVELOPMENT PHASE 1 SENIOR HOUSING
BCP SITE NO. C241146B
QUEENS NEW YORK

Figure Title
GROUNDWATER SAMPLE ANALYTICAL RESULTS MAP

Project No. 170197605	Drawing No. 4
Date 3/9/2026	
Scale 1" = 100 feet	
Drawn By GS	
Submission Date	Figure 4 of 4

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TABLES

Table 1
Periodic Review Report
Groundwater Sample Analytical Results

Willets Point Development
Queens, New York
NYSDEC BCP Site No.: C241146B
Langan Project No.: 170197650

Analyte	CAS Number	NYSDEC SGVs	Location	B-MW201	B-MW201	B-MW201	B-MW201	B-MW201	B-MW201R	B-MW201R	B-MW201R	B-MW201R	B-MW201R	B-MW201R
			Sample Name	B-MW201_080422	B-MW201_021623	B-MW201_052223	B-MW201_082923	B-MW201_112923	B-MW201R_040524	B-MW201R_071724	B-MW201R_011625	B-MW201R_042325	B-MW201R_072425	B-MW201R_102125
			Sample Date	08/04/2022	02/16/2023	05/22/2023	08/29/2023	11/29/2023	04/05/2024	07/17/2024	01/16/2025	04/23/2025	07/24/2025	10/21/2025
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds														
1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U
1,1,1-Trichloroethane	71-55-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U
1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	<0.5 U	<0.5 U	<0.5 UJ	<0.5 U	<0.5 U	<1 U	<0.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	79-00-5	1	ug/l	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<3 U	<1.5 U	<7.5 U	<1.5 U	<1.5 U	<1.5 U
1,1-Dichloroethane	75-34-3	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U
1,1-Dichloroethene	75-35-4	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<1 U	<0.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U
1,1-Dichloropropene	563-58-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U
1,2,3-Trichlorobenzene	87-61-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<12 U	<2.5 U	<2.5 UJ	<2.5 U
1,2,3-Trichloropropane	96-18-4	0.04	ug/l	<2.5 U	<2.5 U	<2.5 UJ	<2.5 U	<2.5 U	<5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U
1,2,4,5-Tetramethylbenzene	95-93-2	5	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<4 U	<2 U	<10 U	<2 U	<2 U	<2 U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U
1,2,4-Trimethylbenzene	95-63-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	1.7 J	1.8 J	<12 U	<2.5 U	0.83 J	<2.5 U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.0006	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<4 U	<2 U	<10 U	<2 U	<2 U	<2 U
1,2-Dichlorobenzene	95-50-1	3	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U
1,2-Dichloroethane	107-06-2	0.6	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<1 U	<0.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U
1,2-Dichloropropane	78-87-5	1	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U	<2 U	<1 U	<5 U	<1 U	<1 U	<1 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	1 J	<12 U	<2.5 U	<2.5 U	<2.5 U
1,3-Dichlorobenzene	541-73-1	3	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	2.4 J	<12 U	1.5 J	1.3 J	1.5 J
1,3-Dichloropropane	142-28-9	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U
1,4-Dichlorobenzene	106-46-7	**3**	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	**17**	**8.5 J**	**9**	**8.7**	**10**
1,4-Diethyl Benzene	105-05-5	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<4 U	<2 U	<10 U	<2 U	<2 U	<2 U
2,2-Dichloropropane	594-20-7	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U
2-Chlorotoluene	95-49-8	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U
2-Hexanone (MBK)	591-78-6	50	ug/l	<5 U	<5 U	<5 UJ	<5 U	<5 U	<10 U	<5 U	<25 U	<5 U	<5 U	<5 U
4-Chlorotoluene	106-43-4	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U
4-Ethyltoluene	622-96-8	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<4 U	0.97 J	<10 U	<2 U	<2 U	<2 U
Acetone	67-64-1	**50**	ug/l	11 J	9	13	8.7 J	9	12	5.8	<25 U	7.7	5	7.1 J
Acrolein	107-02-8	5	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acrylonitrile	107-13-1	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<10 U	<5 U	<25 U	<5 U	<5 U	<5 U
Benzene	71-43-2	**1**	ug/l	0.38 J	<0.5 U	<0.5 U	0.23 J	0.16 J	0.86 J	**1.4**	<2.5 U	0.83	**1.2**	0.96
Bromobenzene	108-86-1	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U
Bromochloromethane	74-97-5	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U
Bromodichloromethane	75-27-4	50	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<1 U	<0.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U
Bromoform	75-25-2	50	ug/l	<2 U	<2 U	<2 UJ	<2 U	<2 U	<4 U	<2 U	<10 U	<2 U	<2 U	<2 U
Bromomethane	74-83-9	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	1.4 J	<12 U	<2.5 U	<2.5 U	<2.5 U
Carbon Disulfide	75-15-0	60	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<10 U	<5 U	<25 U	<5 U	<5 U	<5 U
Carbon Tetrachloride	56-23-5	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<1 U	<0.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U
Chlorobenzene	108-90-7	**5**	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	**46**	**20**	**18**	**24**	**30**
Chloroethane	75-00-3	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U
Chloroform	67-66-3	7	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U
Chloromethane	74-87-3	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U
Cis-1,2-Dichloroethene	156-59-2	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U
Cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<1 U	<0.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U
Cyclohexane	110-82-7	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cymene	99-87-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U
Dibromochloromethane	124-48-1	50	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<1 U	<0.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U
Dibromomethane	74-95-3	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<10 U	<5 U	<25 U	<5 U	<5 U	<5 U
Dichlorodifluoromethane	75-71-8	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<10 U	<5 U	<25 U	<5 U	<5 U	<5 U
Diethyl Ether (Ethyl Ether)	60-29-7	NS	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U
Ethylbenzene	100-41-4	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U
Hexachlorobutadiene	87-68-3	0.5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U
Isopropylbenzene (Cumene)	98-82-8	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U
M,P-Xylene	179601-23-1	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	2.3 J	1.5 J	<12 U	<2.5 U	<2.5 U	<2.5 U
Methyl Acetate	79-20-9	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Ethyl Ketone (2-Butanone)	78-93-3	**50**	ug/l	<5 U	<5 UJ	<5 U	<5 U	<5 U	<10 U	<5 U	<25 U	<5 U	<5 U	<5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<10 U	<5 U	<25 U	<5 U	<5 U	<5 U
Methylcyclohexane	108-87-2	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	75-09-2	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U
n-Butylbenzene	104-51-8	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U
n-Propylbenzene	103-65-1	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	1.8 J	1.6 J	<12 U	<2.5 U	0.8 J	<2.5 U
p-Cymene (p-Isopropyltoluene)	CYMP	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sec-Butylbenzene	135-98-8	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U
Styrene	100-42-5	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U
T-Butylbenzene	98-06-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U
Tert-Butyl Alcohol	75-65-0	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	**10**	ug/l	2.8	3.7	2.6	7.6	6.3	5.2	**12**	7.6 J	9.8	8.8	7.5
Tetrachloroethene (PCE)	127-18-4	5	ug/l	<0.5 U	<0.5 U	<0.5 UJ	<0.5 U	<0.5 U	<1 U	<0.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U
Toluene	108-88-3	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	2 J	0.77 J	<12 U	<2.5 U	<2.5 U	<2.5 U
Total 1,2-Dichloroethene (Cis and Trans)	540-59-0	NS	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U
Total Xylenes	1330-20-7	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	4.1 J	3.1 J	<12 U	<2.5 U	0.8 J	<2.5 U
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	0.4	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<1 U	<0.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U
Trans-1,2-Dichloroethene	156-60-5	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U
Trans-1,3-Dichloropropene	10061-02-6	0.4	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<1 U	<0.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U
Trans-1,4-Dichloro-2-Butene	110-57-6	5	ug/l	<2.5 U	<2.5 U	<2.5 UJ	<2.5 U	<2.5 U	<5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U
Trichloroethene (TCE)	79-01-6	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<1 U	<0.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U
Trichlorofluoromethane	75-69-4	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U
Vinyl Acetate	108-05-4	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<10 U	<5 U	<25 U	<5 U	<5 U	<5 U
Vinyl Chloride	75-01-4	2	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U	0.18 J	<1 U	<5 U	<1 U	<1 U	<1 U
Total BTEX	BTEX	NS	ug/l	0.38	ND	ND	0.23	0.16	6.96	5.27	ND	0.83	2	0.96
Total VOCs	TOTALVOCS	NS	ug/l	14.18	12.7	15.6	16.53	15.46	26.04	93.64	36.1	52.03	56.23	61.26

Table 1
Periodic Review Report
Groundwater Sample Analytical Results

Willets Point Development
Queens, New York
NYSDEC BCP Site No.: C241146B
Langan Project No.: 170197650

Analyte	CAS Number	NYSDEC SGVs	Location	B-MW206	B-MW206	B-MW206	B-MW206	B-MW206	B-MW206	B-MW206	B-MW206	B-MW206	B-MW206	B-MW206
			Sample Name	B-MW206_080322	B-MW206_021623	B-MW206_052223	B-MW206_083023	B-MW206_122723	B-MW206_040324	B-MW206_071624	B-MW206_011625	B-MW206_042225	B-MW206_072425	B-MW206_102125
			Sample Date	08/03/2022	02/16/2023	05/22/2023	08/30/2023	12/27/2023	04/03/2024	07/16/2024	01/16/2025	04/22/2025	07/24/2025	10/21/2025
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds														
1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U
1,1,1-Trichloroethane	71-55-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U
1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	<0.5 U	<0.5 U	<0.5 UJ	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<5 U	<0.5 U	<0.5 U	<0.5 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	79-00-5	1	ug/l	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<15 U	<1.5 U	<1.5 U	<1.5 U
1,1-Dichloroethane	75-34-3	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U
1,1-Dichloroethene	75-35-4	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<5 U	<0.5 U	<0.5 U	<0.5 U
1,1-Dichloropropene	563-58-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U
1,2,3-Trichlorobenzene	87-61-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<2.5 U	<2.5 UJ	<2.5 U
1,2,3-Trichloropropane	96-18-4	0.04	ug/l	<2.5 U	<2.5 U	<2.5 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U
1,2,4,5-Tetramethylbenzene	95-93-2	5	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<20 U	<2 U	<2 U	<2 U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U
1,2,4-Trimethylbenzene	95-63-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<2.5 U	<2.5 U	0.83 J
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.0006	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<20 U	<2 U	<2 U	<2 U
1,2-Dichlorobenzene	95-50-1	3	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U
1,2-Dichloroethane	107-06-2	0.6	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<5 U	<0.5 U	<0.5 U	<0.5 U
1,2-Dichloropropane	78-87-5	1	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<10 U	<1 U	<1 U	<1 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U
1,3-Dichlorobenzene	541-73-1	3	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U
1,3-Dichloropropane	142-28-9	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U
1,4-Dichlorobenzene	106-46-7	**3**	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U
1,4-Diethyl Benzene	105-05-5	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<20 U	<2 U	<2 U	<2 U
2,2-Dichloropropane	594-20-7	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U
2-Chlorotoluene	95-49-8	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U
2-Hexanone (MBK)	591-78-6	50	ug/l	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<50 U	<5 U	<5 U	<5 U
4-Chlorotoluene	106-43-4	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U
4-Ethyltoluene	622-96-8	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<20 U	<2 U	<2 U	<2 U
Acetone	67-64-1	**50**	ug/l	26 J	7.1	**56**	**72**	45	**110**	38	**100**	38	9.8	**85**
Acrolein	107-02-8	5	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acrylonitrile	107-13-1	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<50 U	<5 U	<5 U	<5 U
Benzene	71-43-2	**1**	ug/l	**7.5**	0.88	**17**	**1.7**	0.58	0.6	0.51	<5 U	0.68	0.7	**1.3**
Bromobenzene	108-86-1	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U
Bromochloromethane	74-97-5	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U
Bromodichloromethane	75-27-4	50	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<5 U	<0.5 U	<0.5 U	<0.5 U
Bromoform	75-25-2	50	ug/l	<2 U	<2 U	<2 UJ	<2 U	<2 U	<2 U	<2 U	<20 U	<2 U	<2 U	<2 U
Bromomethane	74-83-9	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U
Carbon Disulfide	75-15-0	60	ug/l	1.7 J	<5 U	1.9 J	<5 U	2.6 J	1.1 J	1.4 J	<50 U	<5 U	<5 U	<5 U
Carbon Tetrachloride	56-23-5	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<5 U	<0.5 U	<0.5 U	<0.5 U
Chlorobenzene	108-90-7	**5**	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U
Chloroethane	75-00-3	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U
Chloroform	67-66-3	7	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U
Chloromethane	74-87-3	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U
Cis-1,2-Dichloroethene	156-59-2	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U
Cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<5 U	<0.5 U	<0.5 U	<0.5 U
Cyclohexane	110-82-7	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cymene	99-87-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U
Dibromochloromethane	124-48-1	50	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<5 U	<0.5 U	<0.5 U	<0.5 U
Dibromomethane	74-95-3	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<50 U	<5 U	<5 U	<5 U
Dichlorodifluoromethane	75-71-8	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<50 U	<5 U	<5 U	<5 U
Diethyl Ether (Ethyl Ether)	60-29-7	NS	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U
Ethylbenzene	100-41-4	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U
Hexachlorobutadiene	87-68-3	0.5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U
Isopropylbenzene (Cumene)	98-82-8	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U
M,P-Xylene	179601-23-1	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<2.5 U	<2.5 U	1.1 J
Methyl Acetate	79-20-9	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Ethyl Ketone (2-Butanone)	78-93-3	**50**	ug/l	4.2 J	<5 UJ	9.7	12	4.3 J	11	4.4 J	<50 U	14	6.3	8.6
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	ug/l	<5 U	<5 U	1.1 J	<5 U	<5 U	1 J	<5 U	<50 U	<5 U	<5 U	1.7 J
Methylcyclohexane	108-87-2	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	75-09-2	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U
n-Butylbenzene	104-51-8	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U
n-Propylbenzene	103-65-1	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<2.5 U	<2.5 U	0.81 J
p-Cymene (p-Isopropyltoluene)	CYMP	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sec-Butylbenzene	135-98-8	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U
Styrene	100-42-5	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U
T-Butylbenzene	98-06-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U
Tert-Butyl Alcohol	75-65-0	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	**10**	ug/l	2.1 J	2.5	8.1	<2.5 U	3.3	1.2 J	5.3	3.8 J	0.65 J	3.4	1.2 J
Tetrachloroethene (PCE)	127-18-4	5	ug/l	<0.5 U	<0.5 U	<0.5 UJ	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<5 U	<0.5 U	<0.5 U	<0.5 U
Toluene	108-88-3	5	ug/l	<2.5 U	<2.5 U	0.92 J	<2.5 U	<2.5 U	0.73 J	<2.5 U	<25 U	<2.5 U	<2.5 U	0.88 J
Total 1,2-Dichloroethene (Cis and Trans)	540-59-0	NS	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U
Total Xylenes	1330-20-7	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<2.5 U	<2.5 U	1.9 J
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	0.4	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<5 U	<0.5 U	<0.5 U	<0.5 U
Trans-1,2-Dichloroethene	156-60-5	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U
Trans-1,3-Dichloropropene	10061-02-6	0.4	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<5 U	<0.5 U	<0.5 U	<0.5 U
Trans-1,4-Dichloro-2-Butene	110-57-6	5	ug/l	<2.5 U	<2.5 U	<2.5 UJ	<2.5 U	<2.5 U	<2.5 UJ	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U
Trichloroethene (TCE)	79-01-6	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<5 U	<0.5 U	<0.5 U	<0.5 U
Trichlorofluoromethane	75-69-4	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U
Vinyl Acetate	108-05-4	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<50 U	<5 U	<5 U	<5 U
Vinyl Chloride	75-01-4	2	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<10 U	<1 U	0.12 J	<1 U
Total BTEX	BTEX	NS	ug/l	7.5	0.88	17.92	1.7	0.58	1.33	0.51	ND	0.68	0.7	4.09
Total VOCs	TOTALVOCS	NS	ug/l	44.2	11.68	94.72	85.7	55.78	125.63	49.61	103.8	56.23	22.42	107.52

Table 1
Periodic Review Report
Groundwater Sample Analytical Results

Willets Point Development
Queens, New York
NYSDEC BCP Site No.: C241146B
Langan Project No.: 170197650

Analyte	CAS Number	NYSDEC SGVs	Location	C-MW205	C-MW205	C-MW205	C-MW205	C-MW205	C-MW205	C-MW205	C-MW205	C-MW205	C-MW205	C-MW205	C-MW205	C-MW205	C-MW205
			Sample Name	C-MW205_080322	GWDUP01_080322	C-MW205_021623	C-MW205_052223	C-MW205_083023	GWDUP01_083023	C-MW205_112823	C-MW205_032524	C-MW205_071724	C-MW205_020725	C-MW205_042325	C-MW205_072425	C-MW205_102125	DUP01_102125
			Sample Date	08/03/2022	08/03/2022	02/16/2023	05/22/2023	08/30/2023	08/30/2023	11/28/2023	03/25/2024	07/17/2024	02/07/2025	04/23/2025	07/24/2025	10/21/2025	10/21/2025
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds																	
1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,1,1-Trichloroethane	71-55-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 UJ	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	79-00-5	1	ug/l	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U
1,1-Dichloroethane	75-34-3	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,1-Dichloroethene	75-35-4	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,1-Dichloropropene	563-58-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,2,3-Trichlorobenzene	87-61-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 U	<2.5 U
1,2,3-Trichloropropane	96-18-4	0.04	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,2,4,5-Tetramethylbenzene	95-93-2	5	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,2,4-Trimethylbenzene	95-63-6	5	ug/l	0.78 J	0.77 J	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	0.85 J	1.3 J	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.0006	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
1,2-Dichlorobenzene	95-50-1	3	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,2-Dichloroethane	107-06-2	0.6	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,2-Dichloropropane	78-87-5	1	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,3-Dichlorobenzene	541-73-1	3	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,3-Dichloropropane	142-28-9	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,4-Dichlorobenzene	106-46-7	**3**	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,4-Diethyl Benzene	105-05-5	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
2,2-Dichloropropane	594-20-7	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
2-Chlorotoluene	95-49-8	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
2-Hexanone (MBK)	591-78-6	50	ug/l	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
4-Chlorotoluene	106-43-4	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
4-Ethyltoluene	622-96-8	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	0.77 J	<2 U	<2 U	<2 U	<2 U	<2 U
Acetone	67-64-1	**50**	ug/l	<5 U	<5 U	5.3	2.2 J	2.6 J	2.6 J	24	**100**	26	28	28	33	8.4 J	27 J
Acrolein	107-02-8	5	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acrylonitrile	107-13-1	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Benzene	71-43-2	**1**	ug/l	**2 J**	**2.1 J**	0.83	1	0.56	0.54	0.44 J	**1.9**	**5.5**	**2.1**	**2.4**	**1.9**	0.42 J	**1.6 J**
Bromobenzene	108-86-1	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Bromochloromethane	74-97-5	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Bromodichloromethane	75-27-4	50	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Bromoform	75-25-2	50	ug/l	<2 U	<2 U	<2 U	<2 UJ	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
Bromomethane	74-83-9	5	ug/l	0.71 J	0.89 J	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Carbon Disulfide	75-15-0	60	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	1.4 J
Carbon Tetrachloride	56-23-5	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Chlorobenzene	108-90-7	**5**	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Chloroethane	75-00-3	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Chloroform	67-66-3	7	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Chloromethane	74-87-3	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Cis-1,2-Dichloroethene	156-59-2	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Cyclohexane	110-82-7	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cymene	99-87-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Dibromochloromethane	124-48-1	50	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Dibromomethane	74-95-3	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Dichlorodifluoromethane	75-71-8	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Diethyl Ether (Ethyl Ether)	60-29-7	NS	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Ethylbenzene	100-41-4	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	1.5 J	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Hexachlorobutadiene	87-68-3	0.5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Isopropylbenzene (Cumene)	98-82-8	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
M,P-Xylene	179601-23-1	5	ug/l	0.8 J	0.81 J	<2.5 U	0.74 J	<2.5 U	<2.5 U	<2.5 U	1.4 J	3.4	0.92 J	1.2 J	0.86 J	<2.5 U	0.81 J
Methyl Acetate	79-20-9	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Ethyl Ketone (2-Butanone)	78-93-3	**50**	ug/l	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	2.3 J	**84**	14	5.1	5.6	6.6	<5 U	4 J
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	1.5 J	<5 U	<5 U	2.8 J	1.2 J	<5 U	<5 U
Methylcyclohexane	108-87-2	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	75-09-2	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
n-Butylbenzene	104-51-8	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
n-Propylbenzene	103-65-1	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	0.99 J	1.3 J	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
p-Cymene (p-Isopropyltoluene)	CYMP	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sec-Butylbenzene	135-98-8	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Styrene	100-42-5	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
T-Butylbenzene	98-06-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Tert-Butyl Alcohol	75-65-0	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	**10**	ug/l	**44**	**47**	7.4	**47**	**89**	**87**	**86**	**20**	**72**	**72**	**62**	**50**	**71**	**53**
Tetrachloroethene (PCE)	127-18-4	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 UJ	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Toluene	108-88-3	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	1.9 J	3.4	0.84 J	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Total 1,2-Dichloroethene (Cis and Trans)	540-59-0	NS	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Total Xylenes	1330-20-7	5	ug/l	0.8 J	0.81 J	<2.5 U	0.74 J	<2.5 U	<2.5 U	<2.5 U	2.4 J	4.7 J	0.92 J	1.2 J	0.86 J	<2.5 U	0.81 J
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	0.4	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Trans-1,2-Dichloroethene	156-60-5	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Trans-1,3-Dichloropropene	10061-02-6	0.4	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Trans-1,4-Dichloro-2-Butene	110-57-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Trichloroethene (TCE)	79-01-6	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Trichlorofluoromethane	75-69-4	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Vinyl Acetate	108-05-4	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Vinyl Chloride	75-01-4	2	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	0.09 J	<1 U	<1 U
Total BTEX	BTEX	NS	ug/l	2.8	2.91	0.83	1.74	0.56	0.54	0.44	6.19	15.1	3.86	3.6	2.76	0.42	2.41
Total VOCs	TOTALVOCS	NS	ug/l	56.29	59.57	14.83	50.94	92.16	90.14	112.74	212.54	129.17	113.36	107	97.05	82.12	92.51

Table 1
Periodic Review Report
Groundwater Sample Analytical Results

Willets Point Development
Queens, New York
NYSDEC BCP Site No.: C241146B
Langan Project No.: 170197650

Analyte	CAS Number	NYSDEC SGVs	Location	B-MW201	B-MW201	B-MW201	B-MW201	B-MW201	B-MW201R	B-MW201R	B-MW201R	B-MW201R	B-MW201R	B-MW201R
			Sample Name	B-MW201_080422	B-MW201_021623	B-MW201_052223	B-MW201_082923	B-MW201_112923	B-MW201R_040524	B-MW201R_071724	B-MW201R_011625	B-MW201R_042325	B-MW201R_072425	B-MW201R_102125
			Sample Date	08/04/2022	02/16/2023	05/22/2023	08/29/2023	11/29/2023	04/05/2024	07/17/2024	01/16/2025	04/23/2025	07/24/2025	10/21/2025
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds														
1,2,4,5-Tetrachlorobenzene	95-94-3	5	ug/l	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	1.3 J	<5 U	<5 UJ	<5 U	<5 U
1,2-Dichlorobenzene	95-50-1	3	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
1,2-Diphenylhydrazine	122-66-7	0	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	541-73-1	3	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	1.1 J	1.4 J	0.77 J	0.96 J	<2 U
1,4-Dichlorobenzene	106-46-7	**3**	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	**6.9**	**7.7**	**4.8**	**4.8**	**4**
1,4-Dioxane (P-Dioxane)	123-91-1	**0.35**	ug/l	NA	**0.608 J**	**0.382**	**1**	**0.865**	**0.683**	**1.62**	**1.31 J**	**1.04**	**1.29 J**	**1.29**
2,3,4,6-Tetrachlorophenol	58-90-2	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	95-95-4	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
2,4,6-Trichlorophenol	88-06-2	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
2,4-Dichlorophenol	120-83-2	1	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
2,4-Dimethylphenol	105-67-9	**1**	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	**2.4 J**	<5 U	<5 U	<5 U	<5 U	<5 U
2,4-Dinitrophenol	51-28-5	1	ug/l	<20 UJ	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 UJ
2,4-Dinitrotoluene	121-14-2	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U
2,6-Dinitrotoluene	606-20-2	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
2-Chloronaphthalene	91-58-7	10	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	0.4	1.4 J	1.1	0.98	0.59
2-Chlorophenol	95-57-8	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	1 J	<2 U	<2 U	<2 U
2-Methylnaphthalene	91-57-6	NS	ug/l	0.11 J	0.07 J	0.03 J	<0.1 U	0.04 J	0.38	0.06 J	1 J	0.95	1.4	0.29
2-Methylphenol (o-Cresol)	95-48-7	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
2-Nitroaniline	88-74-4	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U
2-Nitrophenol	88-75-5	NS	ug/l	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	NS	ug/l	1.8 J	<5 U	<5 U	3.5 J	<5 U	2.4 J	<5 U	<5 U	<5 U	<5 U	<5 U
3,3'-Dichlorobenzidine	91-94-1	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U
3-Nitroaniline	99-09-2	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	ug/l	<10 UJ	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
4-Bromophenyl Phenyl Ether	101-55-3	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
4-Chloro-3-Methylphenol	59-50-7	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
4-Chloroaniline	106-47-8	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
4-Nitroaniline	100-01-6	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U
4-Nitrophenol	100-02-7	NS	ug/l	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
Acenaphthene	83-32-9	20	ug/l	0.21	0.16	0.12	0.15	0.16	0.24	2.6	3.1 J	2	2.9	<0.1 U
Acenaphthylene	208-96-8	NS	ug/l	0.02 J	0.02 J	0.02 J	0.02 J	0.02 J	<0.1 U	0.13	<0.1 UJ	0.16	0.25	0.07 J
Acetophenone	98-86-2	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Aniline (Phenylamine, Aminobenzene)	62-53-3	5	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	120-12-7	50	ug/l	0.09 J	<0.1 U	<0.1 U	0.08 J	0.1 J	0.07 J	<0.1 U	0.68 J	0.39	0.62	0.16
Atrazine	1912-24-9	7.5	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzaldehyde	100-52-7	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzidine	92-87-5	5	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	56-55-3	**0.002**	ug/l	<0.1 U	**0.02 J**	**0.04 J**	**0.03 J**	<0.1 U	<0.1 U	**0.08 J**	**0.09 J**	<0.1 U	<0.1 U	<0.1 U
Benzo(a)pyrene	50-32-8	**0**	ug/l	**0.02 J**	**0.02 J**	<0.1 U	**0.02 J**	**0.02 J**	**0.03 J**	<0.1 U	<0.1 UJ	<0.1 U	<0.1 U	<0.1 U
Benzo(b)fluoranthene	205-99-2	**0.002**	ug/l	<0.1 U	**0.02 J**	**0.02 J**	**0.02 J**	**0.02 J**	**0.03 J**	**0.14**	<0.1 UJ	<0.1 U	**0.04 J**	<0.1 U
Benzo(g,h,i)Perylene	191-24-2	NS	ug/l	0.02 J	<0.1 U	<0.1 U	<0.1 U	<0.1 U	0.02 J	0.06 J	<0.1 UJ	<0.1 U	<0.1 U	<0.1 U
Benzo(k)fluoranthene	207-08-9	**0.002**	ug/l	**0.02 J**	<0.1 U	<0.1 U	<0.1 U	<0.1 U	**0.01 J**	**0.04 J**	<0.1 UJ	<0.1 U	<0.1 U	<0.1 U
Benzoic Acid	65-85-0	NS	ug/l	11 J	<50 U	<50 U	<50 UJ	<50 U	11 J	<50 UJ	<50 U	16 J	<50 U	<50 U
Benzyl Alcohol	100-51-6	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
Benzyl Butyl Phthalate	85-68-7	50	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Biphenyl (Diphenyl)	92-52-4	5	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
Bis(2-chloroethoxy) methane	111-91-1	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	1	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
Bis(2-chloroisopropyl) ether	108-60-1	5	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
Bis(2-ethylhexyl) phthalate	117-81-7	5	ug/l	<3 U	<3 U	<3 U	<3 U	<3 U	<3 U	<3 U	<3 U	<3 U	<3 U	<3 U
Caprolactam	105-60-2	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbazole	86-74-8	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	4.6	3.1	2.5 J	4.4	1.3 J
Chrysene	218-01-9	**0.002**	ug/l	**0.04 J**	**0.03 J**	**0.02 J**	**0.02 J**	**0.02 J**	<0.1 U	**0.07 J**	<0.1 UJ	<0.1 U	<0.1 U	<0.1 U
Dibenz(a,h)anthracene	53-70-3	NS	ug/l	<0.1 U	<0.1 U	<0.1 U	<0.1 U	0.01 J	<0.1 U	<0.1 U	<0.1 UJ	<0.1 U	<0.1 U	<0.1 U
Dibenzofuran	132-64-9	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	0.85 J	1.1 J	0.84 J	1.3 J	<2 U
Dibutyl phthalate	84-74-2	50	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	3.2 J
Diethyl phthalate	84-66-2	50	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Dimethyl phthalate	131-11-3	50	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Dioctyl phthalate	117-84-0	50	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Diphenylamine	122-39-4	5	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	206-44-0	50	ug/l	0.14	0.09 J	0.1	0.11	0.11	0.06 J	0.58	0.35 J	0.21	0.36	<0.1 U
Fluorene	86-73-7	50	ug/l	0.12	0.11 J	0.11	0.13 J	0.15	0.17	0.62	2.4 J	1.8	2.7	0.56
Hexachlorobenzene	118-74-1	0.04	ug/l	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 UJ	<0.8 U	<0.8 U	<0.8 U
Hexachlorobutadiene	87-68-3	0.5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 UJ	<0.5 U	<0.5 U	<0.5 UJ
Hexachlorocyclopentadiene	77-47-4	5	ug/l	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 UJ	<20 U	<20 U
Hexachloroethane	67-72-1	5	ug/l	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 UJ	<0.8 U	<0.8 U	<0.8 U
Indeno(1,2,3-cd)pyrene	193-39-5	**0.002**	ug/l	**0.03 J**	<0.1 U	<0.1 U	<0.1 U	**0.01 J**	**0.02 J**	**0.06 J**	<0.1 UJ	<0.1 U	<0.1 U	<0.1 U
Isophorone	78-59-1	50	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Naphthalene	91-20-3	10	ug/l	0.23 J	0.17	0.13	0.29 J	0.17	0.64	0.48	4.2 J	3.6	4.3	1.6
Nitrobenzene	98-95-3	0.4	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
n-Nitrosodimethylamine	62-75-9	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Nitrosodi-N-Propylamine	621-64-7	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
n-Nitrosodiphenylamine	86-30-6	50	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
Pentachlorophenol	87-86-5	1	ug/l	0.3 J	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	0.26 J	<0.8 U	<0.8 U	0.09 J
Phenanthrene	85-01-8	50	ug/l	0.3	0.24	0.18	0.25	0.27	0.17	0.32	3.1 J	2.2	3.5	0.59
Phenol	108-95-2	**1**	ug/l	**16**	<5 U	<5 U	<5 U	<5 U	**5.5**	<5 U	<5 U	0.76 J	<5 U	0.49 J
Pyrene	129-00-0	50	ug/l	0.12	0.08 J	0.09 J	0.1 J	0.1 J	0.05 J	0.37	<0.1 UJ	0.12	0.21	<0.1 U
Pyridine	110-86-1	50	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 1
Periodic Review Report
Groundwater Sample Analytical Results

Willets Point Development
Queens, New York
NYSDEC BCP Site No.: C241146B
Langan Project No.: 170197650

Analyte	CAS Number	NYSDEC SGVs	Location	B-MW206	B-MW206	B-MW206	B-MW206	B-MW206	B-MW206	B-MW206	B-MW206	B-MW206	B-MW206	B-MW206
			Sample Name	B-MW206_080322	B-MW206_021623	B-MW206_052223	B-MW206_083023	B-MW206_122723	B-MW206_040324	B-MW206_071624	B-MW206_011625	B-MW206_042225	B-MW206_072425	B-MW206_102125
			Sample Date	08/03/2022	02/16/2023	05/22/2023	08/30/2023	12/27/2023	04/03/2024	07/16/2024	01/16/2025	04/22/2025	07/24/2025	10/21/2025
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds														
1,2,4,5-Tetrachlorobenzene	95-94-3	5	ug/l	<10 U	<10 U	<10 U	<10 UJ	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U
1,2-Dichlorobenzene	95-50-1	3	ug/l	<2 U	<2 U	<2 U	<2 UJ	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
1,2-Diphenylhydrazine	122-66-7	0	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	541-73-1	3	ug/l	<2 U	<2 U	<2 U	<2 UJ	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 U	<2 U
1,4-Dichlorobenzene	106-46-7	**3**	ug/l	<2 U	<2 U	<2 U	<2 UJ	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
1,4-Dioxane (P-Dioxane)	123-91-1	**0.35**	ug/l	NA	**0.485 J**	**0.45**	NA	0.31	**0.378**	**0.627**	**1.78 J**	**0.851**	**1.26 J**	**0.97**
2,3,4,6-Tetrachlorophenol	58-90-2	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	95-95-4	NS	ug/l	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
2,4,6-Trichlorophenol	88-06-2	NS	ug/l	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
2,4-Dichlorophenol	120-83-2	1	ug/l	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
2,4-Dimethylphenol	105-67-9	**1**	ug/l	<5 U	<5 U	**2.8 J**	<5 UJ	<5 U	<5 U	<5 U	**2.4 J**	<5 U	<5 U	<5 U
2,4-Dinitrophenol	51-28-5	1	ug/l	<20 U	<20 U	<20 U	<20 UJ	<20 U	<20 U	<20 UJ	<20 U	<20 U	<20 U	<20 UJ
2,4-Dinitrotoluene	121-14-2	5	ug/l	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U
2,6-Dinitrotoluene	606-20-2	5	ug/l	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
2-Chloronaphthalene	91-58-7	10	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 UJ	<0.2 U	<0.2 U	<0.2 U
2-Chlorophenol	95-57-8	NS	ug/l	<2 U	<2 U	<2 U	<2 UJ	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
2-Methylnaphthalene	91-57-6	NS	ug/l	0.25	0.15	0.5	0.14	0.28	0.28 J	0.15 J	0.53 J	0.48	0.39	0.48
2-Methylphenol (o-Cresol)	95-48-7	NS	ug/l	<5 U	<5 U	1.4 J	<5 UJ	0.57 J	0.71 J	<5 U	<5 U	<5 U	<5 U	<5 U
2-Nitroaniline	88-74-4	5	ug/l	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U
2-Nitrophenol	88-75-5	NS	ug/l	<10 U	<10 U	<10 U	<10 UJ	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	NS	ug/l	2.4 J	1.2 J	13	1.4 J	3.7 J	4.9 J	5.3	13	5.5	4.5 J	7.1
3,3'-Dichlorobenzidine	91-94-1	5	ug/l	<5 UJ	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U
3-Nitroaniline	99-09-2	5	ug/l	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	ug/l	<10 U	<10 U	<10 U	<10 UJ	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
4-Bromophenyl Phenyl Ether	101-55-3	NS	ug/l	<2 U	<2 U	<2 U	<2 UJ	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
4-Chloro-3-Methylphenol	59-50-7	NS	ug/l	<2 U	<2 U	<2 U	<2 UJ	1.6 J	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
4-Chloroaniline	106-47-8	5	ug/l	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	ug/l	<2 U	<2 U	<2 U	<2 UJ	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
4-Nitroaniline	100-01-6	5	ug/l	<5 UJ	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U
4-Nitrophenol	100-02-7	NS	ug/l	<10 U	<10 U	<10 U	<10 UJ	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
Acenaphthene	83-32-9	20	ug/l	1.1	0.54	1	0.31	0.51	0.42	0.28	1 J	0.46	0.52	<0.1 U
Acenaphthylene	208-96-8	NS	ug/l	0.05 J	0.03 J	0.08 J	<0.1 U	0.03 J	<0.1 U	0.03 J	0.06 J	0.05 J	<0.1 U	0.04 J
Acetophenone	98-86-2	NS	ug/l	<5 U	<5 U	0.59 J	1 J	<5 U	0.82 J	<5 U	<5 U	<5 U	<5 U	<5 U
Aniline (Phenylamine, Aminobenzene)	62-53-3	5	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	120-12-7	50	ug/l	0.18	0.19 J	0.44	0.19	0.18	0.16	<0.1 U	0.51 J	0.1 J	0.16	0.17
Atrazine	1912-24-9	7.5	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzaldehyde	100-52-7	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzidine	92-87-5	5	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	56-55-3	**0.002**	ug/l	**0.12 J**	**0.06 J**	**0.07 J**	**0.05 J**	**0.08 J**	**0.04 J**	<0.1 U	**0.15 J**	<0.1 U	<0.1 U	<0.1 U
Benzo(a)pyrene	50-32-8	**0**	ug/l	**0.08 J**	**0.03 J**	<0.1 U	**0.02 J**	**0.06 J**	<0.1 U	<0.1 U	<0.1 UJ	<0.1 U	<0.1 U	<0.1 U
Benzo(b)fluoranthene	205-99-2	**0.002**	ug/l	**0.1 J**	**0.04 J**	**0.03 J**	<0.1 U	**0.07 J**	<0.1 U	<0.1 U	<0.1 UJ	<0.1 U	<0.1 U	<0.1 U
Benzo(g,h,i)Perylene	191-24-2	NS	ug/l	<0.1 U	0.02 J	0.02 J	<0.1 U	0.04 J	<0.1 U	<0.1 U	0.06 J	<0.1 U	<0.1 U	<0.1 U
Benzo(k)fluoranthene	207-08-9	**0.002**	ug/l	<0.1 U	**0.01 J**	**0.01 J**	<0.1 U	**0.03 J**	<0.1 U	<0.1 U	<0.1 UJ	<0.1 U	<0.1 U	<0.1 U
Benzoic Acid	65-85-0	NS	ug/l	<50 U	<50 U	<50 U	57 J	30 J	66	37 J	30 J	24 J	<50 U	<50 U
Benzyl Alcohol	100-51-6	NS	ug/l	<2 U	<2 U	<2 U	1.2 J	<2 U	0.88 J	<2 U	0.94 J	<2 U	<2 U	<2 U
Benzyl Butyl Phthalate	85-68-7	50	ug/l	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Biphenyl (Diphenyl)	92-52-4	5	ug/l	<2 U	<2 U	<2 U	<2 UJ	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
Bis(2-chloroethoxy) methane	111-91-1	5	ug/l	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	1	ug/l	<2 U	<2 U	<2 U	<2 UJ	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
Bis(2-chloroisopropyl) ether	108-60-1	5	ug/l	<2 UJ	<2 U	<2 U	<2 UJ	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
Bis(2-ethylhexyl) phthalate	117-81-7	5	ug/l	1.6 J	<3 U	<3 U	<3 UJ	<3 U	<3 U	<3 U	<3 U	<3 U	<3 U	<3 U
Caprolactam	105-60-2	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbazole	86-74-8	NS	ug/l	0.87 J	<2 U	1 J	<2 UJ	<2 U	<2 U	<2 U	0.99 J	0.92 J	0.66 J	0.94 J
Chrysene	218-01-9	**0.002**	ug/l	**0.11 J**	**0.05 J**	**0.03 J**	**0.03 J**	**0.06 J**	<0.1 U	<0.1 U	**0.08 J**	<0.1 U	<0.1 U	<0.1 U
Dibenz(a,h)anthracene	53-70-3	NS	ug/l	0.02 J	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 UJ	<0.1 U	<0.1 U	<0.1 U
Dibenzofuran	132-64-9	NS	ug/l	<2 U	<2 U	<2 U	<2 UJ	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
Dibutyl phthalate	84-74-2	50	ug/l	<5 UJ	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	2.9 J
Diethyl phthalate	84-66-2	50	ug/l	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Dimethyl phthalate	131-11-3	50	ug/l	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Dioctyl phthalate	117-84-0	50	ug/l	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Diphenylamine	122-39-4	5	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	206-44-0	50	ug/l	0.3 J	0.32	0.37	0.24	0.22	0.16 J	0.09 J	0.35 J	0.12	0.19	0.14
Fluorene	86-73-7	50	ug/l	0.62	0.46	0.79	0.29	0.41	0.32	0.18	0.54 J	0.26	0.3	0.33
Hexachlorobenzene	118-74-1	0.04	ug/l	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 UJ	<0.8 U	<0.8 U	<0.8 U
Hexachlorobutadiene	87-68-3	0.5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 UJ	<0.5 UJ	<0.5 U	<0.5 UJ
Hexachlorocyclopentadiene	77-47-4	5	ug/l	<20 U	<20 U	<20 U	<20 UJ	<20 U	<20 U	<20 U	<20 U	<20 UJ	<20 U	<20 U
Hexachloroethane	67-72-1	5	ug/l	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 UJ	<0.8 U	<0.8 U	<0.8 U
Indeno(1,2,3-cd)pyrene	193-39-5	**0.002**	ug/l	<0.1 U	<0.1 U	**0.02 J**	<0.1 U	**0.04 J**	<0.1 U	<0.1 U	<0.1 UJ	<0.1 U	<0.1 U	<0.1 U
Isophorone	78-59-1	50	ug/l	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Naphthalene	91-20-3	10	ug/l	1.7	0.48	3	0.45	1	1.4	<0.69 U	3 J	2.3	1.6	2.4
Nitrobenzene	98-95-3	0.4	ug/l	<2 U	<2 U	<2 U	<2 UJ	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
n-Nitrosodimethylamine	62-75-9	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Nitrosodi-N-Propylamine	621-64-7	NS	ug/l	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
n-Nitrosodiphenylamine	86-30-6	50	ug/l	<2 U	<2 U	<2 U	<2 UJ	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
Pentachlorophenol	87-86-5	1	ug/l	0.26 J	<0.8 U	0.49 J	<0.8 U	0.17 J	0.24 J	0.19 J	0.9 J	0.36 J	0.84 J	0.56 J
Phenanthrene	85-01-8	50	ug/l	0.74	0.6	1	0.51	0.56	0.5	0.29	1 J	0.37	0.53	0.57
Phenol	108-95-2	**1**	ug/l	**15**	**5.7**	**42**	**36 J**	**77**	**130**	**130**	**190**	**100**	**66**	**98**
Pyrene	129-00-0	50	ug/l	0.27 J	0.27	0.3	0.21	0.18	0.12 J	0.08 J	<0.1 UJ	0.11	0.16	0.12
Pyridine	110-86-1	50	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 1
Periodic Review Report
Groundwater Sample Analytical Results

Willets Point Development
Queens, New York
NYSDEC BCP Site No.: C241146B
Langan Project No.: 170197650

Analyte	CAS Number	NYSDEC SGVs	Location	C-MW205	C-MW205	C-MW205	C-MW205	C-MW205	C-MW205	C-MW205	C-MW205	C-MW205	C-MW205	C-MW205	C-MW205	C-MW205	C-MW205
			Sample Name	C-MW205_080322	GWDUP01_080322	C-MW205_021623	C-MW205_052223	C-MW205_083023	GWDUP01_083023	C-MW205_112823	C-MW205_032524	C-MW205_071724	C-MW205_020725	C-MW205_042325	C-MW205_072425	C-MW205_102125	DUP01_102125
			Sample Date	08/03/2022	08/03/2022	02/16/2023	05/22/2023	08/30/2023	08/30/2023	11/28/2023	03/25/2024	07/17/2024	02/07/2025	04/23/2025	07/24/2025	10/21/2025	10/21/2025
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds																	
1,2,4,5-Tetrachlorobenzene	95-94-3	5	ug/l	<10 U	<10 U	<10 U	<10 U	<10 UJ	<10 UJ	<10 U	<10 U	<10 U	<10 UJ	<10 U	<10 U	<10 U	<10 U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5 U
1,2-Dichlorobenzene	95-50-1	3	ug/l	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 UJ	<2 U	<2 U	<2 U	<2 UJ	<2 U	<2 U	<2 U	<2 U
1,2-Diphenylhydrazine	122-66-7	0	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	541-73-1	3	ug/l	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 UJ	<2 U	<2 U	<2 U	<2 UJ	<2 UJ	<2 U	<2 U	<2 U
1,4-Dichlorobenzene	106-46-7	**3**	ug/l	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 UJ	<2 U	<2 U	<2 U	<2 UJ	<2 U	<2 U	<2 U	<2 U
1,4-Dioxane (P-Dioxane)	123-91-1	**0.35**	ug/l	NA	NA	**0.42 J**	**1.61**	NA	NA	**3.32**	**1.43**	**1.84**	**3.08**	**2.62**	**2.82 J**	**3.16**	**3.68**
2,3,4,6-Tetrachlorophenol	58-90-2	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	95-95-4	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U
2,4,6-Trichlorophenol	88-06-2	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U
2,4-Dichlorophenol	120-83-2	1	ug/l	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U
2,4-Dimethylphenol	105-67-9	**1**	ug/l	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5 U	<5 UJ	**2.8 J**	**2.7 J**	<5 U	<5 U
2,4-Dinitrophenol	51-28-5	1	ug/l	<20 U	<20 U	<20 U	<20 U	<20 UJ	<20 UJ	<20 U	<20 U	<20 U	<20 UJ	<20 U	<20 U	<20 UJ	<20 UJ
2,4-Dinitrotoluene	121-14-2	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5 U
2,6-Dinitrotoluene	606-20-2	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U
2-Chloronaphthalene	91-58-7	10	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
2-Chlorophenol	95-57-8	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 UJ	<2 U	<2 U	<2 U	<2 UJ	<2 U	<2 U	<2 U	<2 U
2-Methylnaphthalene	91-57-6	NS	ug/l	1.2	1.4	0.15	0.32	0.23	0.24	<0.1 U	0.58	0.89	0.54	0.94	0.83	0.22 J	0.34 J
2-Methylphenol (o-Cresol)	95-48-7	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 UJ	<5 U	0.86 J	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U
2-Nitroaniline	88-74-4	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5 U
2-Nitrophenol	88-75-5	NS	ug/l	<10 U	<10 U	<10 U	<10 U	<10 UJ	<10 UJ	<10 U	<10 U	<10 U	<10 UJ	<10 U	<10 U	<10 U	<10 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	NS	ug/l	1.2 J	1.4 J	<5 U	<5 U	<5 UJ	<5 UJ	2.2 J	4.4 J	4.8 J	3 J	4.2 J	8.4	<5 U	5
3,3'-Dichlorobenzidine	91-94-1	5	ug/l	<5 UJ	<5 UJ	<5 U	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5 U
3-Nitroaniline	99-09-2	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	ug/l	<10 U	<10 U	<10 U	<10 U	<10 UJ	<10 UJ	<10 U	<10 U	<10 U	<10 UJ	<10 U	<10 U	<10 U	<10 U
4-Bromophenyl Phenyl Ether	101-55-3	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 UJ	<2 U	<2 U	<2 U	<2 UJ	<2 U	<2 U	<2 U	<2 U
4-Chloro-3-Methylphenol	59-50-7	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 UJ	<2 U	<2 U	<2 U	<2 UJ	<2 U	<2 U	<2 U	<2 U
4-Chloroaniline	106-47-8	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 UJ	<2 U	<2 U	<2 U	<2 UJ	<2 U	<2 U	<2 U	<2 U
4-Nitroaniline	100-01-6	5	ug/l	<5 UJ	<5 UJ	<5 U	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5 U
4-Nitrophenol	100-02-7	NS	ug/l	<10 U	<10 U	<10 U	<10 U	<10 UJ	<10 UJ	<10 U	<10 U	<10 U	<10 UJ	<10 U	<10 U	<10 U	<10 U
Acenaphthene	83-32-9	20	ug/l	0.88	1	0.11	0.21	0.26	0.27	0.32	0.47	0.71	0.55	0.71	0.69	0.31 J	<0.1 UJ
Acenaphthylene	208-96-8	NS	ug/l	0.06 J	0.08 J	<0.1 U	0.07 J	0.08 J	0.08 J	<0.1 U	0.05 J	<0.1 U	<0.1 U	0.08 J	<0.1 U	<0.1 U	<0.1 U
Acetophenone	98-86-2	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U
Aniline (Phenylamine, Aminobenzene)	62-53-3	5	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	120-12-7	50	ug/l	0.27	0.34	<0.1 U	0.18 J	0.32	0.34	0.46	0.28	0.2	0.37	0.28	0.33	0.27	0.3
Atrazine	1912-24-9	7.5	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzaldehyde	100-52-7	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzidine	92-87-5	5	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	56-55-3	**0.002**	ug/l	<0.1 U	<0.1 U	<0.1 U	**0.07 J**	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U
Benzo(a)pyrene	50-32-8	**0**	ug/l	<0.1 U	<0.1 U	<0.1 U	**0.04 J**	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U
Benzo(b)fluoranthene	205-99-2	**0.002**	ug/l	<0.1 U	<0.1 U	**0.01 J**	**0.05 J**	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U
Benzo(g,h,i)Perylene	191-24-2	NS	ug/l	<0.1 U	<0.1 U	<0.1 U	0.04 J	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U
Benzo(k)fluoranthene	207-08-9	**0.002**	ug/l	<0.1 U	<0.1 U	<0.1 U	**0.02 J**	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U
Benzoic Acid	65-85-0	NS	ug/l	<50 U	<50 U	<50 U	<50 U	<50 UJ	<50 UJ	13 J	22 J	22 J	7.4 J	17 J	20 J	<50 U	17 J
Benzyl Alcohol	100-51-6	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 UJ	<2 U	<2 U	<2 U	<2 UJ	<2 U	<2 U	<2 U	<2 U
Benzyl Butyl Phthalate	85-68-7	50	ug/l	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U
Biphenyl (Diphenyl)	92-52-4	5	ug/l	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 UJ	<2 U	<2 U	<2 U	<2 UJ	<2 U	<2 U	<2 U	<2 U
Bis(2-chloroethoxy) methane	111-91-1	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	1	ug/l	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 UJ	<2 U	<2 U	<2 U	<2 UJ	<2 U	<2 U	<2 U	<2 U
Bis(2-chloroisopropyl) ether	108-60-1	5	ug/l	<2 UJ	<2 UJ	<2 U	<2 U	<2 UJ	<2 UJ	<2 U	<2 U	<2 U	<2 UJ	<2 U	<2 U	<2 U	<2 U
Bis(2-ethylhexyl) phthalate	117-81-7	5	ug/l	<3 UJ	<3 UJ	<3 U	<3 U	<3 UJ	<3 UJ	2.8 J	<3 U	<3 U	1.4 J	<3 U	<3 U	<3 U	<3 U
Caprolactam	105-60-2	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbazole	86-74-8	NS	ug/l	0.6 J	0.66 J	<2 U	<2 U	<2 UJ	<2 UJ	<2 U	<2 U	<2 U	0.47 J	0.6 J	<2 U	<2 U	<2 U
Chrysene	218-01-9	**0.002**	ug/l	<0.1 U	<0.1 U	<0.1 U	**0.04 J**	<0.1 U	<0.1 U	**0.02 J**	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U
Dibenz(a,h)anthracene	53-70-3	NS	ug/l	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U
Dibenzofuran	132-64-9	NS	ug/l	0.53 J	0.54 J	<2 U	<2 U	<2 UJ	<2 UJ	<2 U	<2 U	<2 U	<2 UJ	<2 U	<2 U	<2 U	<2 U
Dibutyl phthalate	84-74-2	50	ug/l	<5 UJ	<5 UJ	<5 U	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5 U	15 J	<5 U	<5 U	3.7 J	3.4 J
Diethyl phthalate	84-66-2	50	ug/l	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U
Dimethyl phthalate	131-11-3	50	ug/l	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U
Dioctyl phthalate	117-84-0	50	ug/l	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U
Diphenylamine	122-39-4	5	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	206-44-0	50	ug/l	0.11 J	0.15 J	<0.1 U	0.13	0.11	0.12	0.14	0.09 J	0.14	0.14	0.1	<0.1 U	0.14	0.1
Fluorene	86-73-7	50	ug/l	0.59	0.69	<0.1 U	0.23	0.27	0.28	<0.1 U	0.35	0.54	0.44	0.58	0.55	0.43	0.39
Hexachlorobenzene	118-74-1	0.04	ug/l	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U
Hexachlorobutadiene	87-68-3	0.5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 UJ	<0.5 UJ
Hexachlorocyclopentadiene	77-47-4	5	ug/l	<20 U	<20 U	<20 U	<20 U	<20 UJ	<20 UJ	<20 U	<20 U	<20 U	<20 UJ	<20 UJ	<20 U	<20 U	<20 U
Hexachloroethane	67-72-1	5	ug/l	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U
Indeno(1,2,3-cd)pyrene	193-39-5	**0.002**	ug/l	<0.1 U	<0.1 U	<0.1 U	**0.04 J**	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U
Isophorone	78-59-1	50	ug/l	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U
Naphthalene	91-20-3	10	ug/l	4.1	4.8	0.81	0.92	0.76	0.81	1	2.6	4.3	2.4	3.6	3.5	1 J	1.6 J
Nitrobenzene	98-95-3	0.4	ug/l	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 UJ	<2 U	<2 U	<2 U	<2 UJ	<2 U	<2 U	<2 U	<2 U
n-Nitrosodimethylamine	62-75-9	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Nitrosodi-N-Propylamine	621-64-7	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U
n-Nitrosodiphenylamine	86-30-6	50	ug/l	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 UJ	<2 U	<2 U	<2 U	<2 UJ	<2 U	<2 U	<2 U	<2 U
Pentachlorophenol	87-86-5	1	ug/l	0.26 J	0.29 J	0.15 J	0.11 J	<0.8 U	<0.8 U	0.12 J	<0.8 U	0.08 J	<0.8 U	<0.8 U	<0.8 U	<0.8 UJ	0.15 J
Phenanthrene	85-01-8	50	ug/l	0.68	0.78	0.05 J	0.22	0.33	0.34	0.49	0.32	0.53	0.51	0.58	0.58	0.62 J	0.41 J
Phenol	108-95-2	**1**	ug/l	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 UJ	**66**	**46**	**47**	**24 J**	**19**	**86**	**1.1 J**	**82 J**
Pyrene	129-00-0	50	ug/l	0.1 J	0.13 J	0.02 J	0.13	0.09 J	0.09 J	<0.1 U	0.07 J	0.1	0.1	0.08 J	0.09 J	0.1 J	0.08 J
Pyridine	110-86-1	50	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 1
Periodic Review Report
Groundwater Sample Analytical Results
Willets Point Development
Queens, New York
NYSDEC BCP Site No.: C241146B
Langan Project No.: 170197650

Notes:

CAS - Chemical Abstract Service
NS - No standard
ug/l - microgram per liter
NA - Not analyzed
RL - Reporting limit
<RL - Not detected

Groundwater sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 Codes, Rules, and Regulations (NYCRR) Part 703.5 and the NYSDEC Technical and Operation Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values for Class GA Water and published addenda (herein collectively referenced as "NYSDEC SGVs").

Qualifiers:

D - The concentration reported is a result of a diluted sample.
B - The analyte was found in the associated analysis batch blank.
J - The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
UJ - The analyte was not detected at a level greater than or equal to the RL; however, the reported RL is approximate and may be inaccurate or imprecise.
U - The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

Exceedance Summary:

10 - Result exceeds NYSDEC SGVs

APPENDIX A

ENVIRONMENTAL EASEMENT

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.

2024061400627001002E7495

RECORDING AND ENDORSEMENT COVER PAGE **PAGE 1 OF 10**

Document ID: 2024061400627001 Document Date: 06-10-2024 Preparation Date: 06-14-2024
Document Type: EASEMENT
Document Page Count: 9

PRESENTER:
ROYAL ABSTRACT OF NEW YORK LLC
(TITLE#916551)
125 PARK AVENUE, SUITE 1610
NEW YORK, NY 10017
212-376-0900
lrivera@ROYALABSTRACT.COM

RETURN TO:
ROYAL ABSTRACT OF NEW YORK LLC
(TITLE#916551)
125 PARK AVENUE, SUITE 1610
NEW YORK, NY 10017
212-376-0900
lrivera@ROYALABSTRACT.COM

PROPERTY DATA

Borough	Block	Lot	Unit	Address
QUEENS	1833	140	Entire Lot	N/A WILLETS POINT BLVD

Property Type: NON-RESIDENTIAL VACANT LAND

CROSS REFERENCE DATA

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

PARTIES

GRANTOR/SELLER:
THE CITY OF NEW YORK
CITY HALL
NEW YORK, NY 10007

GRANTEE/BUYER:
NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION
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:	$	82.00
Affidavit Fee:	$	0.00

Filing Fee: $ 250.00

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 06-18-2024 16:43
City Register File No.(CRFN): **2024000155613**

City Register Official Signature

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

THIS INDENTURE made as of this 10th day of June, 2024, between Owner, The City of New York, having an office at City Hall, New York, NY 10007, (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, is the owner of the following real property located at 38-02 126th Lane (a/k/a N/A Willets Point Boulevard) in the City of New York, County of Queens 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 1833, Lot 140 being the same as that property conveyed to Grantor by:

1. Deed dated as of 12/2/2009 and recorded 12/3/2009 as CRFN 2009000395990.
2. Deed dated as of 9/3/2009 and recorded 9/4/2009 as CRFN 2009000287323.
3. Deed dated as of 8/2/2011 and recorded 8/19/2011 as CRFN 2011000293338.

The property subject to this Environmental Easement (the "Controlled Property") comprises approximately 0.370 +/- acres, and is hereinafter more fully described in the Land Title Survey dated December 5, 2023, last revised on February 14, 2024, prepared by Paul Fisher (License

No.050784-1), Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C., 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

NOW THEREFORE, in consideration of the mutual covenants contained herein and the terms and conditions of Brownfield Cleanup Agreement Index Number: C241146B-09-23, 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. 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.

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: C241146B
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 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 has caused this instrument to be signed in its name.

The City of New York

By: _____

Print Name: Maria Torres - Springer

Title: Deputy Mayor for Housing Economic Development and Work force Date: 5/29/2024

Grantor's Acknowledgment

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

On the 29th day of May, in the year 2024, before me, the undersigned, personally appeared Maria Torres - Springer, 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

Carlos A. Guerra
Notary Public, State of New York
No. 01GU6292830
Qualified in New York County
Commission Expires 11/12/2025

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: _____
Janet Brown, Asst. Director
Division of Environmental Remediation

Grantee's Acknowledgment

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

On the 10th day of June in the year 2024 before me, the undersigned, personally appeared Janet Brown, 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 SITUATE, LYING BEING IN THE BOROUGH AND COUNTY OF QUEENS, CITY AND STATE OF NEW YORK, BOUNDED AND DESCRIBED AS FOLLOWS:

COMMENCING AT THE INTERSECTION OF THE NORTHERLY SIDE OF ROOSEVELT AVENUE (80 FEET WIDE) AND THE EASTERLY SIDE OF 126TH STREET (KNOWN AS HEWITT AVENUE) (80 FEET WIDE) AND RUNNING THE FOLLOWING TWO COURSES TO THE POINT OF BEGINNING:

A. EASTERLY, ALONG SAID NORTHERLY SIDE OF ROOSEVELT AVENUE, A DISTANCE OF 320.16 FEET TO A POINT, THENCE;
B. NORTHEASTERLY, FORMING AN ANGLE ON THE NORTHWESTERLY SIDE OF 131°21'42" WITH THE PREVIOUS COURSE, A DISTANCE OF 407.26 FEET TO THE POINT OF BEGINNING, AND RUNNING THENCE;

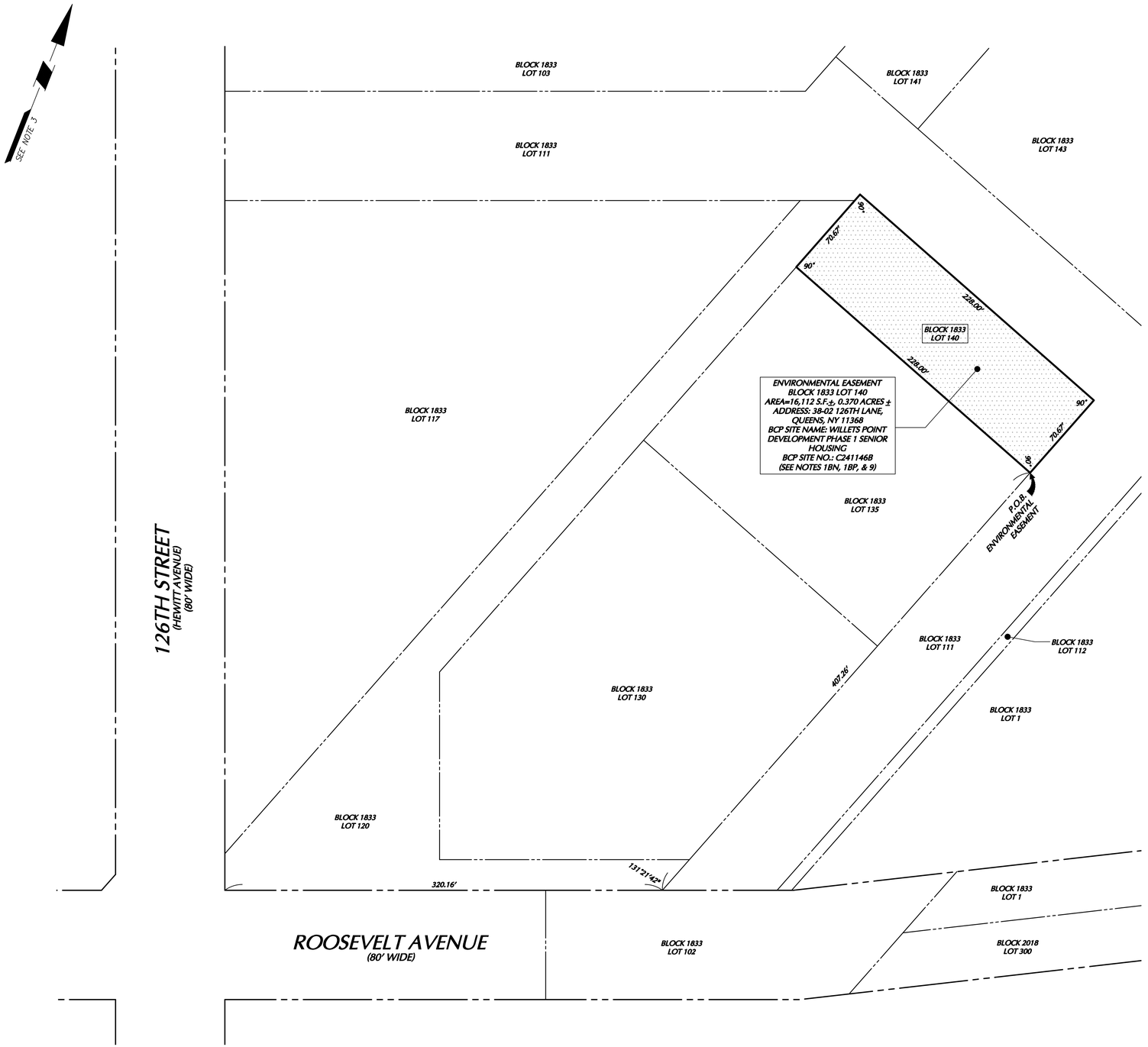
NORTHWESTERLY, FORMING AN ANGLE OF 90°00'00" WITH THE PREVIOUS COURSE, A DISTANCE OF 228.00 FEET TO A POINT, THENCE;

NORTHEASTERLY, FORMING AN INTERIOR ANGLE OF 90°00'00" WITH THE PREVIOUS COURSE, A DISTANCE OF 70.67 FEET TO A POINT, THENCE;

SOUTHEASTERLY, FORMING AN INTERIOR ANGLE OF 90°00'00" WITH THE PREVIOUS COURSE, A DISTANCE OF 228.00 FEET TO A POINT, THENCE;

SOUTHWESTERLY, FORMING AN INTERIOR ANGLE OF 90°00'00" WITH THE PREVIOUS COURSE, A DISTANCE OF 70.67 FEET TO THE POINT OR PLACE OF BEGINNING.

ENCOMPASSING AN AREA OF 16,112 SQUARE FEET OR 0.370 ACRES, MORE OR LESS.



NOTES

1. THIS SURVEY IS BASED UPON EXISTING PHYSICAL CONDITIONS FOUND AT THE SUBJECT SITE, AND THE FOLLOWING REFERENCES:

A. BOROUGH OF QUEENS, SECTIONAL MAP NOS. 39 & 40.
B. BOROUGH OF QUEENS, ALTERATION MAP NO. 5000A.
C. CURRENT NYC DEPARTMENT OF FINANCE TAX MAPS.
D. BOUNDARY, TOPOGRAPHIC AND UTILITY SURVEY, TITLED "WILLETS POINT DEVELOPMENT", BY LANGAN, PROJECT NO. 170197610, DRAWING NO. VB101, DATED 10/14/2019, LAST REVISED 09/29/2022.
E. DEED, CRFN 2013000101213, RECORDED 01/09/2013 [BLOCK 1826 LOT 1]
F. DEED, CRFN 2009000100671, RECORDED 04/07/2009 [BLOCK 1826 LOTS 5 AND 14].
G. DEED, CRFN 2017000431256, RECORDED 11/24/2017 [BLOCK 1826 LOT 18 AND BLOCK 1833 LOT 117].
H. DEED, CRFN 2010000328858, RECORDED 09/30/2010 [BLOCK 1826 LOT 20].
I. DEED, CRFN 2009000099914, RECORDED 04/06/2009 [BLOCK 1826 LOTS 31 AND 35– NO DESCRIPTION].
J. CERTIFICATE OF TITLE, BY FIDELITY NATIONAL TITLE INSURANCE COMPANY, TITLE NO. 915300, EFFECTIVE DATE 02/28/2022.
K. CERTIFICATE OF TITLE, BY FIDELITY NATIONAL TITLE INSURANCE COMPANY, TITLE NO. 915302, EFFECTIVE DATE 03/01/2022.
L. DEED, CRFN 2022000026245, RECORDED 01/18/2022 [BLOCK 1823 LOTS 19, 20, 21, 23, 26, 28, 44, 47, 52, AND 55]
M. DEED, CRFN 2011000409213, RECORDED 11/23/2011 [BLOCK 1823 LOTS 19, 20, 21, 23, 26, 28, 44, 40, AND PART OF LOT 33].
N. CORRECTION DEED, CRFN 2015000262435, RECORDED 07/30/2015 [BLOCK 1823 PART OF LOT 33].
O. CERTIFICATE OF TITLE, BY FIDELITY NATIONAL TITLE INSURANCE COMPANY, TITLE NO. 915299, EFFECTIVE DATE 02/20/2022.
P. DEED, CRFN 2009000287325, RECORDED 09/04/2009 [BLOCK 1833 LOTS 155, 158, AND 172]
Q. CERTIFICATE OF TITLE, BY FIDELITY NATIONAL TITLE INSURANCE COMPANY, TITLE NO. 915301, EFFECTIVE DATE 02/15/2022.
R. DEED, CRFN 2009000108051, RECORDED 04/14/2009 [BLOCK 1827 LOT 1]
S. CERTIFICATE OF TITLE, BY FIDELITY NATIONAL TITLE INSURANCE COMPANY, TITLE NO. 915305, EFFECTIVE DATE 03/01/2022.
T. CERTIFICATE OF TITLE, BY FIDELITY NATIONAL TITLE INSURANCE COMPANY, TITLE NO. 915306, EFFECTIVE DATE 02/09/2022.
U. DEED, CRFN 2008000493019, RECORDED 12/31/2008 [BLOCK 1822 LOT 17]
V. CERTIFICATE OF TITLE, BY FIDELITY NATIONAL TITLE INSURANCE COMPANY, TITLE NO. 915307, EFFECTIVE DATE 02/09/2022.
W. DEED, CRFN 2009000316243, RECORDED 09/30/2009 [BLOCK 1820 LOT 9]
X. DEED, CRFN 2009000109029, RECORDED 04/14/2009 [BLOCK 1820 LOT 18].
Y. CERTIFICATE OF TITLE, BY FIDELITY NATIONAL TITLE INSURANCE COMPANY, TITLE NO. 915303, EFFECTIVE DATE 03/04/2022.
Z. DEED, CRFN 2010000355256, RECORDED 10/25/2010 [BLOCK 1824 LOTS 1 AND 12].
AA. DEED, CRFN 2022000026245, RECORDED 01/18/2022 [BLOCK 1824 LOTS 19, 21, 26, 38, AND 40].
AB. DEED, CRFN 2009000211840, RECORDED 07/10/2009 [BLOCK 1824 LOT 28]
AC. DEED, CRFN 2012000460137, RECORDED 11/23/2012 [BLOCK 1824 LOT 33]
AD. DEED, CRFN 2016000025017, RECORDED 01/26/2016 [BLOCK 1824 LOT 45]
AE. DEED, CRFN 2014000197747, RECORDED 06/09/2014 [BLOCK 1824 LOT 53]
AF. DEED, CRFN 2018000059163, RECORDED 02/20/2018 [BLOCK 1824 LOT 100]
AG. CERTIFICATE OF TITLE, BY FIDELITY NATIONAL TITLE INSURANCE COMPANY, TITLE NO. 915304, EFFECTIVE DATE 03/01/2022.
AH. DEED, CRFN 2009000417937, RECORDED 12/21/2009 [BLOCK 1825 LOT 1]
AI. DEED, CRFN 2011100294599, RECORDED 08/19/2011 [BLOCK 1825 LOT 19]
AJ. DEED, CRFN 2014000299022, RECORDED 08/01/2014 [BLOCK 1825 LOT 21]
AK. DEED, CRFN 2010000432461, RECORDED 12/28/2010 [BLOCK 1825 LOTS 25, 28, AND 30]
AL. DEED, CRFN 2009000109008, RECORDED 04/14/2009 [BLOCK 1825 LOT 37 AND BLOCK 1833 LOT 180]
AM. DEED, CRFN 2009000389205, RECORDED 11/27/2009 [BLOCK 1825 LOT 46, AND 48].
AN. DEED, CRFN 2010000389537, RECORDED 11/19/2010 [BLOCK 1825 LOT 53]
AO. DEED, CRFN 2012000113102, RECORDED 03/21/2012 [BLOCK 1825 LOT 55]
AP. DEED, CRFN 2013000085410, RECORDED 03/01/2013 [BLOCK 1825 LOT 58]
AQ. DEED, CRFN 2014000299022, RECORDED 09/09/2014 [BLOCK 1825 LOT 21]
AR. DEED, CRFN 2009000395990, RECORDED 12/03/2009 [BLOCK 1833 LOTS 103 AND 151]
AS. DEED, CRFN 2010000315015, RECORDED 09/17/2010 [BLOCK 1833 LOT 111]
AT. DEED, CRFN 2009000287323, RECORDED 09/04/2009 [BLOCK 1833 PART OF LOT 120]
AU. DEED, CRFN 2009000237329, RECORDED 07/31/2009 [BLOCK 1833 LOT 141 AND PART OF LOT 120].
AV. DEED, CRFN 2011000293338, RECORDED 08/19/2011 [BLOCK 1833 LOT 143].
AW. BOROUGH OF QUEENS, ALTERATION MAP NO. 4236.
AX. "TOPOGRAPHIC SURVEY, WILLETS POINT", BY LANGAN, PROJECT NO. 170504001, DRAWING NO. EX–0101, DATED 11/17/2017.
AY. CERTIFICATE OF TITLE, BY FIDELITY NATIONAL TITLE INSURANCE COMPANY, TITLE NO. 910528, EFFECTIVE DATE 12/07/2017.
AZ. CERTIFICATE OF TITLE BY FIDELITY NATIONAL TITLE INSURANCE COMPANY, TITLE NO. 910527, EFFECTIVE DATE NOT PROVIDED.
BA. CERTIFICATE OF TITLE BY FIDELITY NATIONAL TITLE INSURANCE COMPANY, TITLE NO. 910526, EFFECTIVE DATE 12/13/2017.
BB. CERTIFICATE OF TITLE BY FIDELITY NATIONAL TITLE INSURANCE COMPANY, TITLE NO. 910529, EFFECTIVE DATE 12/07/2017.
BC. MAP TITLED "QUEENS SEWER MAP", PREPARED BY NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION, BUREAU OF WATER AND SEWER OPERATIONS ENGINEERING, DATED 01/24/2007.
BD. AS–BUILT SURVEY SEWER PLAN AND PROFILE, PREPARED BY CITY OF NEW YORK DEPARTMENT OF ENVIRONMENTAL PROTECTION, BUREAU OF WATER AND SEWER OPERATIONS ENGINEERING, DIVISION OF REVIEW AND CONSTRUCTION COMPLIANCE FDQ–003/11, PLAN AND PROFILE, DATED 2019/03/01.
BE. AS–BUILT SURVEY STORM PLAN AND PROFILE–II, PREPARED BY CITY OF NEW YORK DEPARTMENT OF ENVIRONMENTAL PROTECTION, BUREAU OF WATER AND SEWER OPERATIONS ENGINEERING, DIVISION OF REVIEW AND CONSTRUCTION COMPLIANCE FDQ–101/10, PLAN AND PROFILE, DATED 2017/11/20.
BF. AS–BUILT STORM PLAN AND PROFILE–II, PREPARED BY STANTEC, RDQ–010/10, SHEET 5 OF 27.
BG. "FINAL SURVEY, WILLETS POINT", BY LANGAN, PROJECT NO. 170368606, DRAWING NO. FS–0102, DATED 03/01/2018.
BH. "PRELIMINARY BOUNDARY & PARTIAL TOPOGRAPHIC SURVEY, WILLETS POINT/ CITIFIELD REDEVELOPMENT PROJECT", BY GALLAS SURVEYING GROUP, DRAWING No. G12092, DATED 09/21/2012.
BI. DEPARTMENT OF PUBLIC WORKS, APPROVAL OF SELECTION AND ACQUISITION OF PROPERTY ON ROOSEVELT AVENUE EAST OF 126TH STREET, QUEENS, REQUIRED FOR RECONSTRUCTION OF FOUNDATIONS OF ELEVATED COLUMNS AND ABUTMENTS OF WEST APPROACH OF ROOSEVELT AVENUE BRIDGE, CAL. NO. 177, DATED 10/03/1956.
BJ. DEPARTMENT OF PUBLIC WORKS, SURRENDER OF PROPERTY ON ROOSEVELT AVENUE EAST OF WILLETS POINT BOULEVARD AND EAST OF 126TH STREET, QUEENS, CAL. NO. 78, DATED 01/08/1960.
BK. BOUNDARY, TOPOGRAPHIC AND UTILITY SURVEY TITLED "WILLETS POINT DEVELOPMENT" BY LANGAN, PROJECT NO. 170197605, DRAWING NO. VB102, DATED 04/22/2022.
BL. FINAL SURVEY TITLED "WILLETS POINT DEVELOPMENT" BY LANGAN. PROJECT NO. 170197601, DRAWING NO. FS0101, DATED 05/25/2022, LAST REVISED 07/18/2022.
BM. BOUNDARY, TOPOGRAPHIC AND UTILITY SURVEY TITLED "WILLETS POINT DEVELOPMENT" BY LANGAN, PROJECT NO. 170197601, DRAWING NO. VB103, DATED 10/14/2019, LAST REVISED 04/26/2023.
BN. "NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION BROWNFIELD CLEANUP PROGRAM, IN THE MATTER OF A REMEDIAL PROGRAM FOR BROWNFIELD SITE CLEANUP AGREEMENT INDEX NO. C241146B–09–23", WILLETS POINT DEVELOPMENT PHASE 1 SENIOR HOUSING, DEC SITE NO. C241146B, SIGNED BY ANDREW GIUGLIELMI, DIRECTOR, DIVISION OF ENVIRONMENTAL REMEDIATION ON 10/31/2023.
BO. PARTIAL BOUNDARY SURVEY TITLED "WILLETS POINT DEVELOPMENT" BY LANGAN, PROJECT NO. 170197610, DRAWING NO. SK–1, DATED 08/10/2022, LAST REVISED 07/24/2023.
BP. LETTER TIE: BROWNFIELD CLEANUP PROGRAM, SITE NAMES: WILLETS POINT DEVELOPMENT PHASE 1 SENIOR HOUSING, STADIUM, SCA SCHOOL, TRIANGLE PARCEL, T–PARCEL, NORTHERN PARCEL, L–PARCEL, SITE NOS.: C241146B, C241146C, C241146D, C241146E, C241146C, C241146H", FROM SHE, PAGET, AND RIESEL P.C. TO ALEXANDRA SERVIS–OETTINGER, NEW YORK STATE DEPT. OF ENVIRONMENTAL CONSERVATION, DATED 02/13/2024.

2. THE SURVEYED PROPERTY IS SUBJECT BUT NOT LIMITED TO THE FOLLOWING FACTS AS REVEALED BY THE HEREON REFERENCED INFORMATION. THE INFORMATION SHOWN HEREON DOES NOT CONSTITUTE A TITLE SEARCH BY THE SURVEYOR. ALL INFORMATION THAT MAY AFFECT THE QUALITY OF TITLE TO BOTH THE SUBJECT AND ADJOINING PARCELS SHOULD BE VERIFIED BY AN ACCURATE AND CURRENT TITLE REPORT.
3. THE MERIDIAN OF THIS SURVEY IS REFERENCED TO THE NEW YORK STATE PLANE COORDINATE SYSTEM NYLI NAD 83 AS ESTABLISHED BY GPS METHODS.
4. STREET NAMES AND R.O.W. WIDTHS AS PER MAP REFERENCED IN NOTE 1A. BLOCK AND LOT NUMBERS AS PER MAP REFERENCED IN NOTE 1C.
5. OFFSETS (IF SHOWN) ARE FOR SURVEY REFERENCES ONLY AND ARE NOT TO BE USED IN CONSTRUCTION OF ANY TYPE.
6. WETLANDS, ENVIRONMENTAL, AND/OR HAZARDOUS MATERIALS LOCATION, IF ANY, NOT COVERED UNDER THIS CONTRACT.
7. UNLESS SPECIFICALLY NOTED HEREON, STORM AND SANITARY SEWER INFORMATION (INCLUDING PIPE INVERT, PIPE MATERIAL, AND PIPE SIZE) WAS OBSERVED AND MEASURED AT FIELD LOCATED STRUCTURES (MANHOLES/CATCH BASINS, ETC.). CONDITIONS CAN VARY FROM THOSE ENCOUNTERED AT THE TIMES WHEN AND THE LOCATIONS WHERE DATA WAS OBTAINED. DESPITE MEETING THE REQUIRED STANDARD OF CARE THE SURVEYOR CANNOT AND DOES NOT WARRANT THAT PIPE MATERIAL AND/OR PIPE SIZE THROUGHOUT THE PIPE RUN ARE THE SAME AS THOSE OBSERVED AT EACH STRUCTURE, OR THAT THE PIPE RUN IS STRAIGHT BETWEEN THE LOCATED STRUCTURES.

   ADDITIONAL UTILITY (WATER, GAS, ELECTRIC, ETC.) DATA MAY BE SHOWN FROM FIELD LOCATED SURFACE MARKINGS (BY OTHERS), EXISTING STRUCTURES, AND/OR FROM EXISTING DRAWINGS.

   UNLESS SPECIFICALLY NOTED HEREON THE SURVEYOR HAS NOT EXCAVATED TO PHYSICALLY LOCATE THE UNDERGROUND UTILITIES. THE SURVEYOR MAKES NO GUARANTEES THAT THE SHOWN UNDERGROUND UTILITIES ARE EITHER IN SERVICE, ABANDONED OR SUITABLE FOR USE, NOR ARE IN THE EXACT LOCATION OR CONFIGURATION INDICATED HEREON.

   PRIOR TO ANY DESIGN OR CONSTRUCTION THE PROPER UTILITY AGENCIES MUST BE CONTACTED FOR VERIFICATION OF UTILITY TYPE AND FOR FIELD LOCATIONS.

   UNLESS NOTED BELOW SUPPLEMENTAL DOCUMENTS WERE NOT USED TO COMPILE THE SUBSURFACE UTILITY INFORMATION SHOWN HEREON.
8. RECORD EASEMENTS, LIMITING PLANES, AND/OR OTHER ENCUMBRANCES, IF ANY, NOT SHOWN.
9. ADDRESS, BCP SITE NAME, AND BCP SITE NUMBER PER DOCUMENTS CITED IN NOTES 1BN AND 1BP.
10. UNAUTHORIZED ALTERATION OR ADDITION TO A SURVEY MAP BEARING A LICENSED LAND SURVEYOR'S SEAL IS A VIOLATION OF SECTION 7209, SUB–DIVISION 2, OF THE NEW YORK STATE EDUCATION LAW.
11. THIS PLAN NOT VALID UNLESS EMBOSSED OR BLUE INK STAMPED WITH THE SEAL OF THE PROFESSIONAL.

PROJECT LOCATION MAP

SCALE: NOT TO SCALE

SOURCE:
HTTPS://WWW.NGS.NOAA.GOV/NGSDATAEXPLORER/

SURVEY DESCRIPTION
ENVIRONMENTAL EASEMENT
BLOCK 1833 LOT 140

ALL THAT CERTAIN PLOT, PIECE OR PARCEL OF LAND SITUATE, LYING BEING IN THE BOROUGH AND COUNTY OF QUEENS, CITY AND STATE OF NEW YORK, BOUNDED AND DESCRIBED AS FOLLOWS:

COMMENCING AT THE INTERSECTION OF THE NORTHERLY SIDE OF ROOSEVELT AVENUE (80 FEET WIDE) AND THE EASTERLY SIDE OF 126TH STREET (KNOWN AS HEWITT AVENUE) (80 FEET WIDE) AND RUNNING THE FOLLOWING TWO COURSES TO THE POINT OF BEGINNING:

A. EASTERLY, ALONG SAID NORTHERLY SIDE OF ROOSEVELT AVENUE, A DISTANCE OF 320.16 FEET TO A POINT, THENCE;
B. NORTHEASTERLY, FORMING AN ANGLE ON THE NORTHWESTERLY SIDE OF 131°21'42" WITH THE PREVIOUS COURSE, A DISTANCE OF 407.26 FEET TO THE POINT OF BEGINNING, AND RUNNING THENCE;

NORTHWESTERLY, FORMING AN ANGLE OF 90°00'00" WITH THE PREVIOUS COURSE, A DISTANCE OF 228.00 FEET TO A POINT, THENCE;

NORTHEASTERLY, FORMING AN INTERIOR ANGLE OF 90°00'00" WITH THE PREVIOUS COURSE, A DISTANCE OF 70.67 FEET TO A POINT, THENCE;

SOUTHEASTERLY, FORMING AN INTERIOR ANGLE OF 90°00'00" WITH THE PREVIOUS COURSE, A DISTANCE OF 228.00 FEET TO A POINT, THENCE;

SOUTHWESTERLY, FORMING AN INTERIOR ANGLE OF 90°00'00" WITH THE PREVIOUS COURSE, A DISTANCE OF 70.67 FEET TO THE POINT OR PLACE OF BEGINNING.

ENCOMPASSING AN AREA OF 16,112 SQUARE FEET OR 0.370 ACRES, MORE OR LESS.

LEGEND (NOT SHOWN TO SCALE)

S.F. — SQUARE FEET
P.O.B. — POINT OF BEGINNING
PROPERTY LINE
RIGHT–OF–WAY LINE
ENVIRONMENTAL EASEMENT

12.192 0 3.048 7.620 12.192
SCALE: 1 INCH = 12.192 METERS

40 0 10 25 40
SCALE: 1 INCH = 40 FEET

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 MORE DETAIL 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.

Date	Description	No.
02/14/24	Revised Zip Code Only	1

REVISIONS

"I hereby state that this plan is based on a field survey made by me or under my immediate supervision in accordance with NYSDOS Code of Practice for Land Surveys, and to the best of my professional knowledge, information and belief, and in my professional opinion, correctly represents the conditions found as of the date of the field survey at the subject property".

SIGNATURE 050784-1 — 3-05-2024 DATE SIGNED

ROBERT PAUL FISHER
PROFESSIONAL LAND SURVEYOR NY Lic. No. 050784–1

LANGAN
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.
21 Penn Plaza, 360 West 31st Street, 8th Floor
New York, NY 10001
T: 212.479.5400 F: 212.479.5444 www.langan.com

Project
38-02 126TH LANE, QUEENS, NY 11368
BCP SITE NAME: WILLETS POINT DEVELOPMENT PHASE 1 SENIOR HOUSING
BCP SITE NO.: C241146B
BLOCK No. 1833, LOT No. 140
BOROUGH OF QUEENS
CITY OF NEW YORK
QUEENS COUNTY NEW YORK

Drawing Title
ENVIRONMENTAL EASEMENT SURVEY

Project No.	170197605
Date	12/05/2023
Drawn By	LB
Checked By	PDF

Drawing No.
DEC104
Sheet 01 of 01

LANGAN
PROJECT NO. 170197605

Filename: \\langan.com\data\NYC\data6\170197605\Project Data_Discipline\Survey-170197605_OU-2\CADD\Existing\DEC Easement Surveys\DEC104\170197605-DEC0104.dwg Date: 3/4/2024 Time: 11:09 User: lberliner Style Table: Langan.stb Layout: ARCHD-BL-DEC0104

APPENDIX B

IC/EC CERTIFICATION FORM

Enclosure 2
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form

Site Details **Box 1**

Site No. C241146B

Site Name Willets Point Development Phase 1 Senior Housing

Site Address: 38-02 126th Lane (a/k/a N/A Willets Point Blvd.) Zip Code: 11368
City/Town: Queens
County: Queens
Site Acreage: 0.370

Reporting Period: June 28, 2024 to November 18, 2025

	YES	NO
1. Is the information above correct?	X	☐
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☐	X
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	X
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	X
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	☐	X

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? Restricted-Residential, Commercial, and Industrial	X	☐
7. Are all ICs in place and functioning as designed?	X	☐

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative Date

Box 2A

	YES	NO
8. Has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid?	☐	☒

If you answered YES to question 8, include documentation or evidence that documentation has been previously submitted with this certification form.

9. Are the assumptions in the Qualitative Exposure Assessment still valid? (The Qualitative Exposure Assessment must be certified every five years)	☒	☐

If you answered NO to question 9, the Periodic Review Report must include an updated Qualitative Exposure Assessment based on the new assumptions.

SITE NO. C241146B **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
1833-140	City of New York c/o NYC Econ. Dev. Corp	Ground Water Use Restriction Soil Management Plan Landuse Restriction Monitoring Plan Site Management Plan IC/EC Plan O&M Plan

Imposition of an institutional control in the form of environmental easement for the controlled property which will:
-require the remedial party or site owner to complete and submit to the Department a periodic certification of institutional and engineering controls in accordance with Part 375-1.8 (h)(3);
- allow the use and development of the controlled property for restricted-residential use as defined by Part 375-1.8(g), although land use is subject to local zoning laws;
- restrict the use of groundwater as a source of potable or process water, without necessary water quality treatment as determined by the NYSDOH or NYCDOH; and
- monitoring to assess the performance and effectiveness of the remedy in compliance with the Department approved Site Management Plan.

Box 4

Description of Engineering Controls

Parcel	Engineering Control
1833-140	Vapor Mitigation Cover System Monitoring Wells

A site cover will be required to allow for restricted-residential use of the site in areas where the upper two feet of exposed surface soil will exceed the restricted-residential soil cleanup objectives (SCOs). Where a soil cover is to be used it will be a minimum of two feet of soil placed over a demarcation layer, with the upper six inches of soil of sufficient quality to maintain a vegetative layer. Soil cover material, including any fill material brought to the site, will meet the SCOs for cover material for the use of the site as set forth in 6 NYCRR Part 375-6.7(d). Substitution of other materials and components may be allowed where such components already exist or are a component of the tangible property to be placed as part of site redevelopment. Such components may include, but are not necessarily limited to: pavement, concrete, paved surface parking areas, sidewalks, building foundations and building slabs.

Any on-site buildings will be required to have a sub-slab depressurization system, or other acceptable measures, to mitigate the migration of vapors into the building from groundwater.

Box 5

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

   a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the Engineering Control certification;

   b) 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 is accurate and compete.

YES	NO
X	☐

2. For each Engineering control listed in Box 4, I certify by checking "YES" below that all of the following statements are true:

   (a) The Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

   (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

   (c) 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;

   (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

   (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES	NO
X	☐

IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

_____ _____

Signature of Owner, Remedial Party or Designated Representative Date

IC CERTIFICATIONS
SITE NO. C241146B

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE Remedial Party

I certify that all information and statements in Boxes 1,2, and 3 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 Glenn Goldstein Scott Wilpon (print name) at 30 Hudson Yards, 72nd Floor, New York, NY 10001 (print business address),

AL

am certifying as Remedial Party (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

Glenn Goldstein box SIGN 1R6LK55P-1725WP3X

Scott Wilpon box SIGN 46ZLPY98-1725WP3X

Signature of Owner, Remedial Party, or Designated Representative Rendering Certification

Dec 16, 2025
Date

EC CERTIFICATIONS

Box 7

Professional Engineer Signature

I certify that all information in Boxes 4 and 5 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 Gerald Nicholls at 368 9th Avenue, Floor 8, New York, NY 10001,
print name print business address

am certifying as a Professional Engineer for the Remedial Party
(Owner or Remedial Party)

Gerry Nicholls

Signature of Professional Engineer, for the Owner or Remedial Party, Rendering Certification

Stamp (Required for PE)

12/18/2025
Date

APPENDIX C

SMP WORK NOTIFICATIONS

Outlook

RE: Willets Point OU-1 - SMP Work Notification

From Nicholas Palumbo <npalumbo@langan.com>
Date Fri 2025-12-12 2:28 PM
To Nicholas Palumbo <npalumbo@langan.com>

From: Elizabeth Burgess
Sent: Thursday, May 11, 2023 12:36 PM
To: Wendi Zheng (wendi.zheng@dec.ny.gov) <wendi.zheng@dec.ny.gov>
Cc: O'Connell, Jane H (DEC) <jane.oconnell@dec.ny.gov>; 'Obligado, Andre A (DEC)' <andre.obligado@dec.ny.gov>; Gerald Nicholls <gnicholls@Langan.com>; Nicholas Palumbo <npalumbo@langan.com>; Ellie Seery <Eseery@langan.com>
Subject: Willets Point OU-1 - SMP Work Notification

Hi Wendi,

Please let this email serve as a 15-day notification prior to the start of activity that is anticipated to encounter remaining contamination at OU-1. The work anticipates to breach the composite cover system, which complies with Appendix D (Excavation Work Plan) of the draft Interim Site Management Plan. Please see below for details.

- Summary of work to be performed:
  - Phase 1 Building Development – Foundation installation including pile drilling, excavation for foundation slabs, pile caps and elevator pits (similar to the ongoing infrastructure work happening now)
  - At the completion of the work, the composite cover system will be replaced with the building slab. Any disturbed areas of the cap outside of the building footprint will be replaced in-kind with NYSDEC-approved material.
  - Reuse of properly handled and segregated site cap (3/4-inch quarry stone and imported clean fill) is anticipated. Reuse of material below the composite cover system is not anticipated. All excavated material will be screened visually and with a PID
  - Groundwater will be managed in accordance with the SPDES discharge permit.
- Environmental conditions anticipated to be encountered in the work areas include non-hazardous historic fill consistent with the documentation samples results provided in the OU-1 Construction Completion Report.
  - Excavations will encounter the composite cover system and remaining contaminated fill
    - Composite cover system – At least two feet of certified-clean fill (i.e., soil/fill meeting the lower of Protection of Groundwater and Restricted Residential Soil Cleanup Objectives), and top 4 inches consisting of ¾-inch virgin crushed stone
    - Remaining contaminated fill – A physical demarcation layer, consisting of orange snow material was placed under the composite cover system to provide a visual reference. Excavation will be completed to about 5 feet below grade for the majority of the building footprint, with localized excavations up to 12 feet bgs for elevator pits. Remaining contaminated fill is expected about 2 feet below grade surface.
- Schedule: The foundation work is anticipated to start on 5/25/23 and be completed in February 2024
- Applicable components of the EWP include sections D-1 through D-16
- The work will be performed in according with the EWP, 29 CFR 1910.120, and the RAWP (until Interim SMP approval)

Future disposal facilities (when identified) and any necessary backfill will be forwarded to NYSDEC for record/approval as required by the RAWP/Interim SMP.
Please let us know if you have any questions.
Thank you,
Beth

Elizabeth Burgess, PE (she/her)
Project Engineer

LANGAN

Direct: 212.479.5499 x5631
Mobile: 203.710.7157
File Sharing Link

Phone: 212.479.5400 Fax: 212.479.5444
360 West 31st Street, 8th Floor
New York, NY 10001-2727
www.langan.com

Outlook

Willets Point Development Phase 1 Senior Housing (C241146B) - SMP Work Notification

From Nicholas Palumbo <npalumbo@langan.com>
Date Fri 2025-08-15 4:12 PM
To Zheng, Wendi Y (DEC) <wendi.zheng@dec.ny.gov>
Cc O'Connell, Jane H (DEC) <jane.oconnell@dec.ny.gov>; Obligado, Andre A (DEC) <andre.obligado@dec.ny.gov>; Gerald Nicholls <gnicholls@Langan.com>; Elizabeth Burgess <eburgess@langan.com>; PJ Dinardo <pdinardo@langan.com>

1 attachment (2 MB)
2025-08-15 - Willets Point - Access Ramp to B2 Sketch.pdf;

Hi Wendi,

Please let this email serve as notification prior to the start of field activity at the Willets Point Development Phase 1 Senior Housing (C241146B). The planned work complies with the NYSDEC-approved June 24, 2024 Site Management Plan (SMP) and does not anticipate ground-intrusive work or breaching the composite cover system. Please see below for details:

- Summary of Work:
  - Temporary access ramp construction for Building 2 development support:
    - Backfilling above the site cover system within the area shown on the attached site plan using previously imported NYSDEC-approved clean fill from the Triangle Parcel (C241146E).
      - Previously imported NYSDEC-approved clean fill from the Triangle Parcel will be excavated from the area shown on the attached site plan, properly segregated, and placed on polyethylene sheeting within the Senior Housing (C241146B) site to construct the ramp. An import/reuse request form will be submitted to NYSDEC separately.
      - Contaminated material from beneath the site cover system on the Triangle Parcel (C241146E) will not be used for the temporary access ramp on the Senior Housing (C241146B) site; the demarcation layer will not be breached.
      - The temporary access ramp will be removed during redevelopment of the Senior Housing (C241146B) site for off-site disposal or reuse. Future reuse will be subject to NYSDEC review and approval.
  - At the completion of the work, the site cover system will be repaired, as needed. Any disturbed areas of the cap will be replaced in-kind with NYSDEC-approved material, unless building slabs are placed instead.
  - Excavation or disturbance of the existing site cover system and underlying contaminated soil is not anticipated.
  - Groundwater is not anticipated to be encountered.
  - Community Air Monitoring Program (CAMP) implementation is not anticipated in accordance with Section D-13 of the Excavation Work Plan (EWP), as work fully penetrating the site cover system is not anticipated.
- Environmental Conditions:
  - Environmental conditions anticipated to be encountered in the work areas include previously imported NYSDEC-approved clean fill meeting the lower of Protection of Groundwater and Restricted Residential Soil Cleanup Objectives.
- Schedule:
  - The work is anticipated to start on September 1, 2025 and will take one day to complete.
  - The temporary ramp will remain until at least 2026, the removal date is pending the start of Building 3 redevelopment.
- The work will be performed in accordance with the NYSDEC-approved June 24, 2024 SMP, the EWP, and 29 CFR 1910.120.
- Applicable components of the EWP include sections D-1, D-2, and D-10.
- The work will be documented in the Periodic Review Report for the Senior Housing (C241146B) site.

An import/reuse request will be forwarded to NYSDEC for record/approval as required by the SMP.

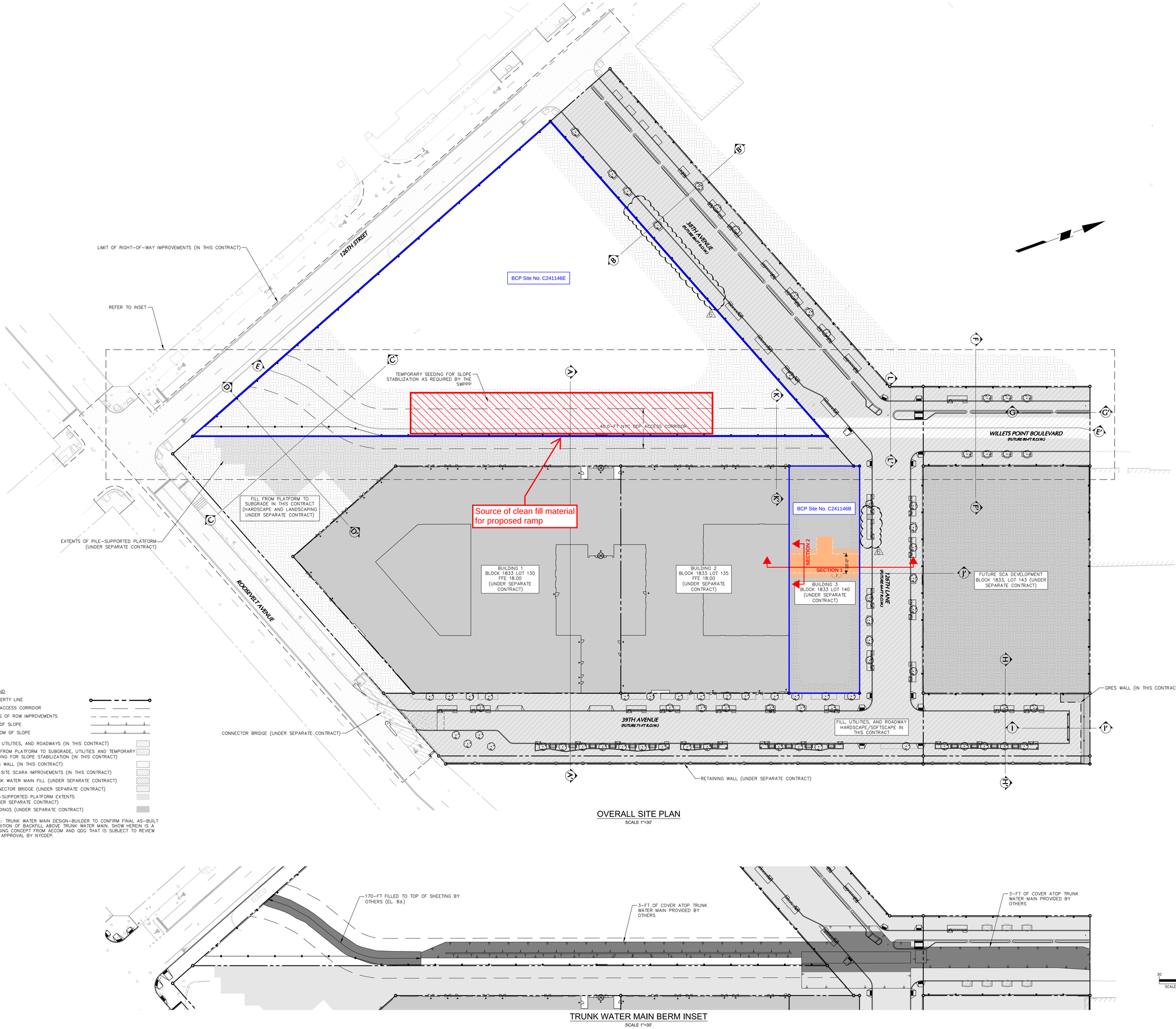
Please let us know if you have any questions.

Sincerely,
Nick

Nick Palumbo
Project Engineer

LANGAN

Direct: 212.479.5435
Mobile: 917.301.1896
File Sharing Link



LEGEND

- PROPERTY LINE
- DEP ACCESS CORRIDOR
- LIMITS OF ROW IMPROVEMENTS
- TOP OF SLOPE
- BOTTOM OF SLOPE
- FILL, UTILITIES, AND ROADWAYS (IN THIS CONTRACT)
- FILL FROM PLATFORM TO SUBGRADE, UTILITIES AND TEMPORARY SEEDING FOR SLOPE STABILIZATION (IN THIS CONTRACT)
- GRES WALL (IN THIS CONTRACT)
- OFF-SITE SCARA IMPROVEMENTS (IN THIS CONTRACT)
- TRUNK WATER MAIN FILL (UNDER SEPARATE CONTRACT)
- CONNECTOR BRIDGE (UNDER SEPARATE CONTRACT)
- PILE-SUPPORTED PLATFORM EXTENTS (UNDER SEPARATE CONTRACT)
- BUILDINGS (UNDER SEPARATE CONTRACT)

NOTE: TRUNK WATER MAIN DESIGN-BUILDER TO CONFIRM FINAL AS-BUILT CONDITION OF BACKFILL ABOVE TRUNK WATER MAIN. SHOW HEREIN IS A PHASING CONCEPT FROM AECOM AND QDG THAT IS SUBJECT TO REVIEW AND APPROVAL BY NYCDEP.

OVERALL SITE PLAN

SCALE 1"=30'

TRUNK WATER MAIN BERM INSET

SCALE 1"=30'

30 0 15 30

SCALE: 1 INCH = 30 FEET

Date	Description	No.
09/13/2024	BULLETIN 21	3
03/28/2024	BULLETIN 10	2
11/15/2023	BULLETIN 1	1

Revisions

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

SIGNATURE DATE SIGNED

MICHELE O'CONNOR
PROFESSIONAL ENGINEER NY Lic. No. 086302

CLIENT:
RELATED
RELATED COMPANIES
30 HUDSON YARDS
NEW YORK, NY 10001
P: 212-801-1000

CLIENT:
STERLING EQUITIES
STERLING EQUITIES
111 GREAT NECK ROAD
GREAT NECK, NY 11021
P: 516-773-3800

LANDSCAPE ARCHITECT:
MPFP
MPFP
120 BROADWAY, 20TH FLOOR
NEW YORK, NY 10271
P: 212-477-6356

MEP ENGINEER:
GEA CONSULTING ENGINEERS
GEA CONSULTING ENGINEERS
545 8TH AVE, 11TH FLOOR
NEW YORK, NY 10018
P: 212-643-8806

CODE CONSULTANT:
CCI
215 WEST 40TH STREET, 10TH FLOOR
NEW YORK, NY 10018
P: 212-216-9096

COST ESTIMATOR:
STUART-LYNN COMPANY
STUART-LYNN COMPANY
16 WEST 18TH STREET, STE. 05-117
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Project

WILLETS POINT

QUEENS NEW YORK

Drawing Title

CONTRACT SCOPE PLAN

Project No.	Drawing No.
170197601	C-100.00
Date: 03/28/2024	
Drawn By: JF	
Checked By: MLN	Sheet of

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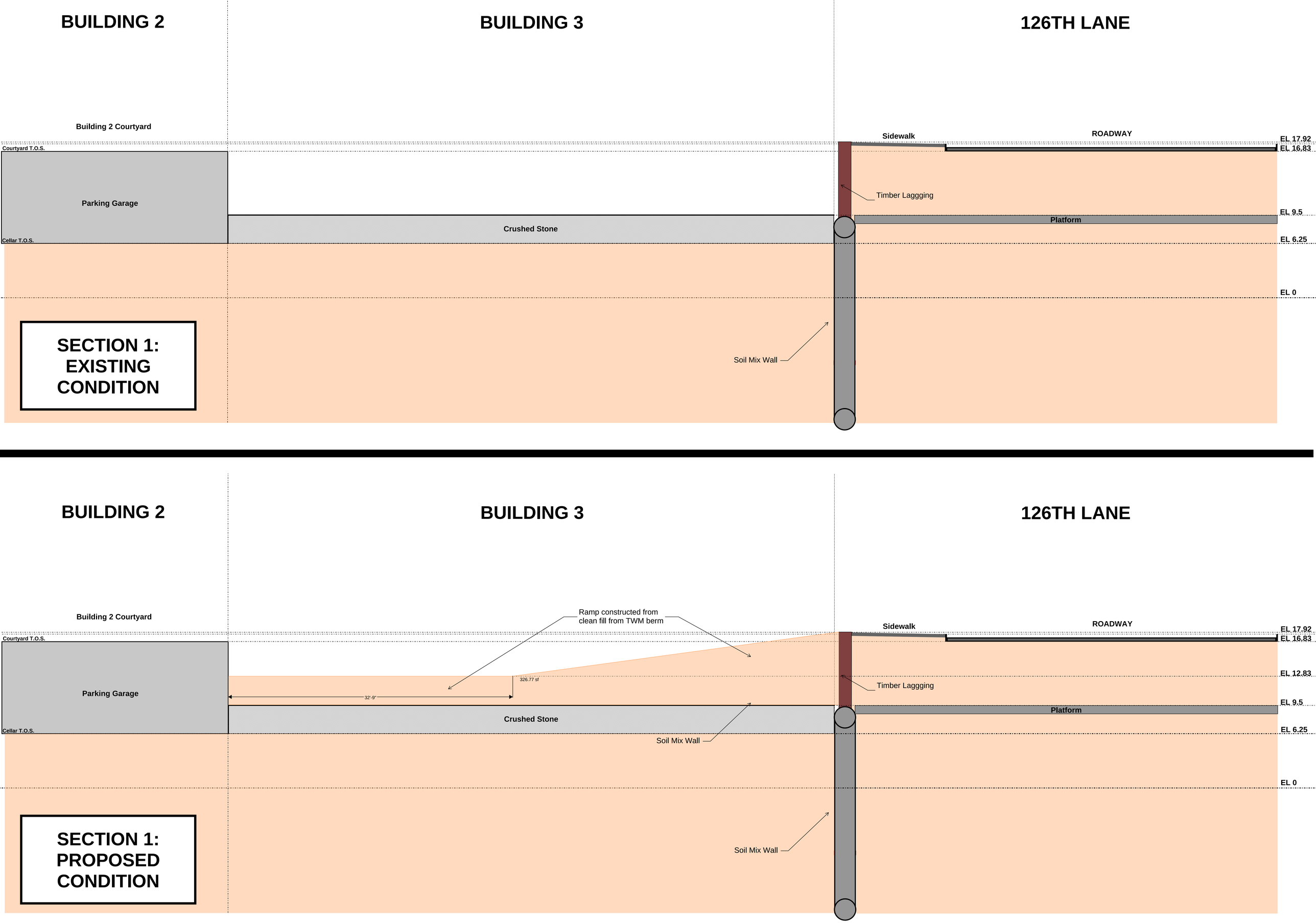
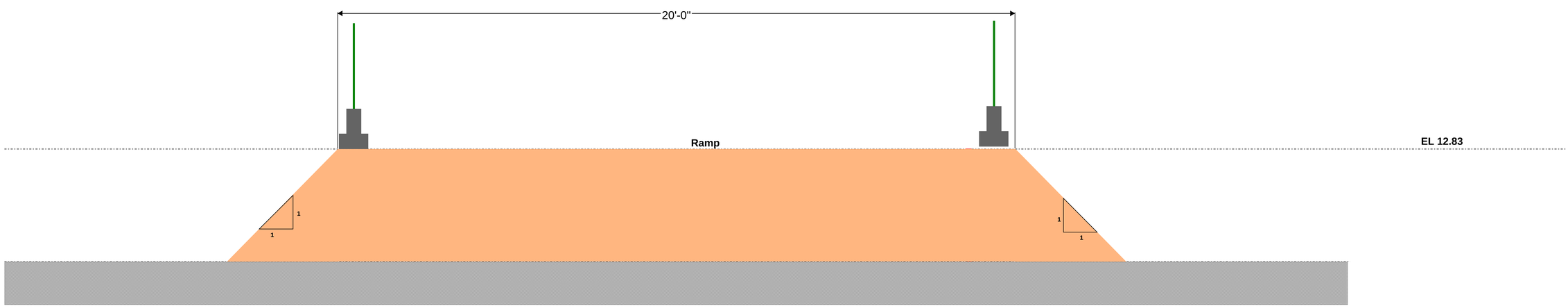

BUILDING 2
BUILDING 3
126TH LANE
Building 2 Courtyard
Courtyard T.O.S.
Parking Garage
Cellar T.O.S.
Crushed Stone
Sidewalk
ROADWAY
EL 17.92
EL 16.83
Timber Laggging
EL 9.5
Platform
EL 6.25
EL 0
Soil Mix Wall
SECTION 1:
EXISTING
CONDITION
BUILDING 2
BUILDING 3
126TH LANE
Building 2 Courtyard
Ramp constructed from
clean fill from TWM berm
Courtyard T.O.S.
Parking Garage
326.77 sf
32'-9"
Crushed Stone
Cellar T.O.S.
Sidewalk
ROADWAY
EL 17.92
EL 16.83
EL 12.83
Timber Laggging
EL 9.5
Platform
EL 6.25
Soil Mix Wall
EL 0
Soil Mix Wall
SECTION 1:
PROPOSED
CONDITION

SECTION 2: PROPOSED CONDITION



Outlook

RE: Willets Point Development Phase 1 Senior Housing (C241146B) - SMP Work Notification

From Nicholas Palumbo <npalumbo@langan.com>
Date Wed 2025-11-19 5:26 PM
To Zheng, Wendi Y (DEC) <wendi.zheng@dec.ny.gov>
Cc O'Connell, Jane H (DEC) <jane.oconnell@dec.ny.gov>; Obligado, Andre A (DEC) <andre.obligado@dec.ny.gov>; Gerald Nicholls <gnicholls@Langan.com>; Elizabeth Burgess <eburgess@langan.com>; Harrison Bluestone <hbluestone@langan.com>

1 attachment (3 MB)
Figure 5 - Remaining Soil Contamination Map_WC Borings.pdf;

Hi Wendi,

Please let this email serve as a notification prior to the start of activity that is anticipated to encounter remaining contamination at the Willets Point Development Phase 1 Senior Housing BCP Site (C241146B). The work consists of a waste characterization investigation, including soil borings advanced to depths below the demarcation layer and compliance with the Excavation Work Plan (Appendix D of the NYSDEC-approved June 24, 2024 Site Management Plan [SMP]). Please see below for details:

- Summary of work to be performed:
  - Advance 16 soil borings to depths of about 10 to 20 feet below ground surface, using a track-mounted Geoprobe drill rig.
  - Collect 10 grab and composite soil samples for waste characterization analysis to support the Building 3 redevelopment project.
  - Drill cuttings from the below the demarcation layer will screened visually and with a photoionization detector (PID). Cuttings that do no exhibit signs of contamination will be used to fill the borehole below the demarcation layer. Cuttings the exhibit gross-impacts will be containerized in 55-gallon steel drums and disposed off-site at a permitted facility.
  - Restoration of the site cover system at borehole locations will be completed using properly handled and segregated site cap (3/4-inch quarry stone and imported clean fill) or with NYSDEC-approved material.
  - Implementation of the Community Air Monitoring Plan (CAMP) during soil borings that breach the site cover system.
- Environmental conditions anticipated to be encountered:
  - Clean fill (temporary access ramp) – Certified clean fill (i.e., soil/fill meeting the lower of Protection of Groundwater and Restricted Residential Soil Cleanup Objectives) that was previously imported to Triangle Parcel BCP Site (BCP Site No. C241146E) and reused on BCP Site No. C241146B, as documented in the NYSDEC-approved August 18, 2025 Material Reuse Request.
  - Clean fill (site cover system) – At least two feet of certified-clean fill and ¾-inch virgin crushed stone that comprise the site cover system.
  - Contaminated fill – Contaminated fill that remains in-place beneath the site cover system is anticipated below 2 feet bgs. A physical demarcation layer, consisting of orange snow material was placed under the composite cover system to provide a visual reference. Remaining contaminated fill contains SVOCs, PCBs, and/or metals at concentrations that exceed the lower of Protection of Groundwater and Restricted-Residential Soil Cleanup Objectives.
- Schedule: The waste characterization investigation is anticipated to start on Monday, November 24, 2025 and will take two days to complete.
- The work will be performed in accordance with the Willets Point Development Phase 1 Senior Housing BCP Site (C241146B) SMP Excavation Work Plan and 29 CFR 1910.120. Applicable components of the EWP (Appendix D of the SMP) include Sections D-1, D-2, D-5, D-6, D-7, D-9, and D13.

Please let us know if you have any questions.

Sincerely,
Nick

Nick Palumbo
Project Engineer

LANGAN

Direct: 212.479.5435
Mobile: 917.301.1896
File Sharing Link
www.langan.com

Legend

- Former OU-1 Boundary
- Approximate BCP Site Boundary
- Petroleum Source Area Over-Excavation Demarcation Layer at +/- EL 3
- Demarcation Layer Ranging from +/- EL 8.5 to EL 7

Approximate waste characterization soil boring location

Notes:

1. Basemap extracted from Willets Point Development Site Remediation Bulletin #2 drawing SOE-101.01 "Excavation Plan" drawing, dated October 8, 2021.
2. Excavation extents and depths are approximate. Refer to Appendix H for final as-built survey and excavation grades.
3. BCP - Brownfield Cleanup Program

100 0 100
SCALE IN FEET

LANGAN
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.
360 West 31st Street, 8th Floor
New York, NY 10001
T: 212.479.5400 F: 212.479.5444 www.langan.com

Project
WILLETS POINT DEVELOPMENT PHASE I SENIOR HOUSING
BCP SITE NO. C241146B
QUEENS NEW YORK

Figure Title
REMAINING SOIL CONTAMINATION MAP

Project No.	170197601
Date	4/18/2024
Scale	1"=100'
Drawn By	PDT
Figure No.	5

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Path: \\langan.com\data\NYC\data6\170197601\ArcGIS\APRX\170197601_SMP_FER\170197601_SMP_FER_SiteB.aprx Date: 4/18/2024 User: Gsajbel Time: 10:39 AM

APPENDIX D

DAILY FIELD REPORTS

LANGAN

SITE OBSERVATION REPORT

CLIENT:	Queens Development Group, LLC	**DATE:**	Friday, August 22, 2025
PROJECT No.:	170197650	**WEATHER:**	Light rain, 60-83°F
PROJECT:	Phase 1 Senior Housing	**TIME:**	6:00 AM – 2:00 PM
LOCATION:	Queens, New York	**BCP SITE ID:**	C241146B

EQUIPMENT: Hand tools, CAT 335 Excavator, Komatsu WA380 excavator, Komatsu WA380,

PRESENT AT SITE:

Langan: Max Ringold
AECOM: Patrick Elias
TRIUMPH: Jairo Galarza, Josh Ricca
Related: Jason Eby

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan documented the following activities in accordance with the June 24th 2024 NYSDEC-approved Site Management Plan for the Willets Point Phase 1 Senior Housing Site.

Site Activities

- Triumph began constructing a temporary access ramp comprised of NYSDEC-approved clean fill from the of Willets Point Development Triangle Parcel BCP Site (BCP Site No. C241146E).

Community Air Monitoring Plan Activities

- Community air monitoring was not implemented as work activities did not breach the site cover system.

Material Tracking

- Triumph imported 41 truckloads of clean fill from the Willets Point Development Parcel BCP Site (BCP Site No. C241146E).
- No material was exported from the site.

Materials Import Summary - Soil				
Facility Name	Willets Point Development Triangle Parcel BCP site (Site No. C241146E)			
Location	Queens, NY.			
Material			Soil	
	Trucks	**CY**	**Trucks**	**CY**
Today	0	-	41	820
Total	0	-	41	820

Anticipated Activities

- Triumph will continue constructing the temporary access ramp.

cc: Project Team	By:	Max Ringold
		Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

Photographs

Photo1: Triumph preparing the building 3 area for soil imports (facing southeast).

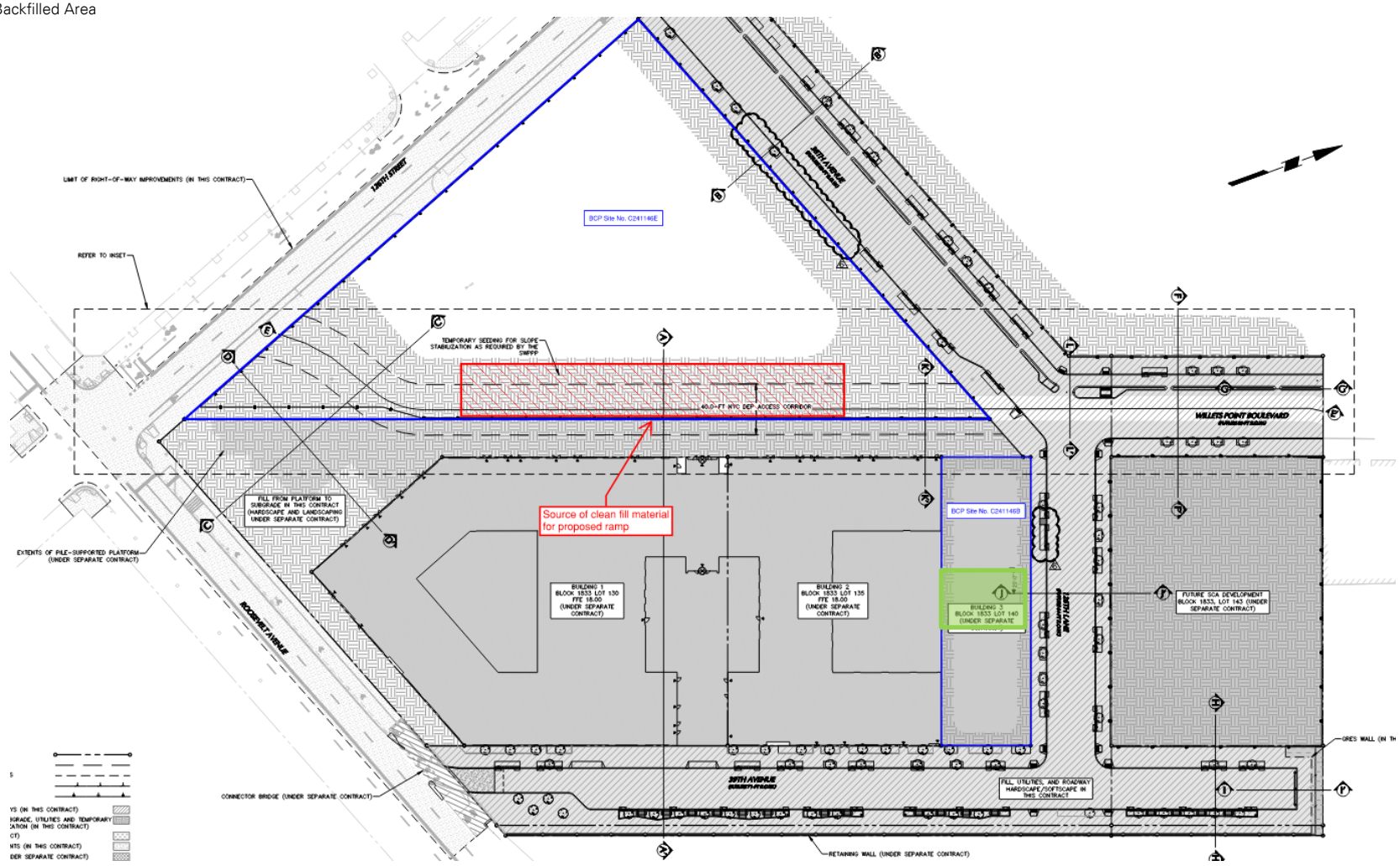
Photo 2: Triumph backfilling soil to the building 3 area (facing east).

cc: Project Team	By:	Max Ringold
		Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

Figure 1 – Site Map

LEGEND:

Backfilled Area



cc: Project Team	By:	Max Ringold
		Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

LANGAN

SITE OBSERVATION REPORT

CLIENT:	Queens Development Group, LLC	**DATE:**	Friday, September 5, 2025
PROJECT No.:	170197650	**WEATHER:**	Light clouds, 67-82°F
PROJECT:	Phase 1 Senior Housing	**TIME:**	6:00 AM – 2:00 PM
LOCATION:	Queens, New York	**BCP SITE ID:**	C241146B

EQUIPMENT: Hand tools, CAT 335 Excavator, Komatsu WA380 excavator, Komatsu WA380,

PRESENT AT SITE:

Langan: Max Ringold
AECOM: Patrick Elias
TRIUMPH: Jairo Galarza, Josh Ricca
Related: Jason Eby

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan documented the following activities in accordance with the June 24th 2024 NYSDEC-approved Site Management Plan for the Willets Point Phase 1 Senior Housing Site.

Site Activities

- Triumph continued construction of the temporary access using clean fill from the Triangle Parcel BCP site (BCP Site No. C241146E).
- Triumph constructed a stabilized construction entrance using virgin quarry stone from the Willets Point Development Triangle Parcel BCP site (BCP Site No. C241146E).

Community Air Monitoring Plan Activities

- Community air monitoring was not implemented as work activities did not breach the site cover system.

Material Tracking

- Triumph imported 2 truckloads of clean fill and 2 truckloads of virgin crushed quarry stone from the Triangle Parcel BCP site (BCP Site No. C241146E).
- No material was exported from the site.

Materials Import Summary - Soil		
Facility Name	Willets Point Development Triangle Parcel BCP site (Site No. C241146E)	
Location	Queens, NY.	
Material	Soil	
	Trucks	**CY**
Today	2	40
Total	43	860

cc: Project Team	By:	Max Ringold
		Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

Materials Import Summary – Crushed Stone		
Facility Name	Willets Point Development Triangle Parcel BCP site (Site No. C241146E)	
Location	Queens, NY	
Material	Virgin Crushed Stone (NYSDOT #2 Stone)	
	Trucks	**CY**
Today	2	40
Total	2	40

Anticipated Activities

- Triumph will continue constructing the temporary access ramp.

Photographs

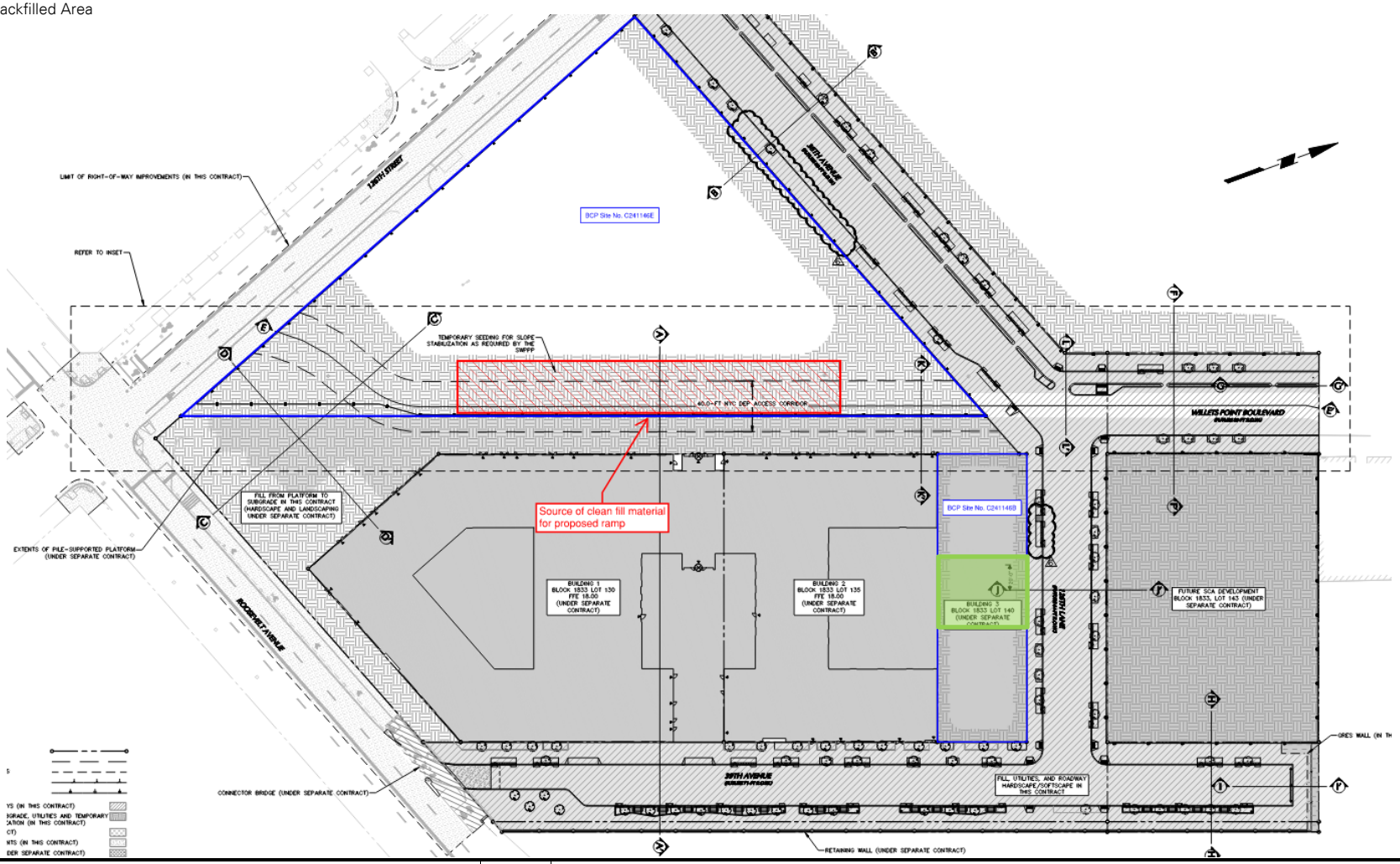
Photo1: Ramp entrance area (facing southeast).

Photo 2: Triumph importing stone to the building 3 area (facing south).

Figure 1 – Site Map

LEGEND:

Backfilled Area



cc: Project Team	By:	Max Ringold
		Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

LANGAN

SITE OBSERVATION REPORT

CLIENT:	Queens Development Group, LLC	**DATE:**	Monday, September 8, 2025
PROJECT No.:	170197650	**WEATHER:**	Sunny, 55-73°F
PROJECT:	Phase 1 Senior Housing	**TIME:**	6:00 AM – 2:00 PM
LOCATION:	Queens, New York	**BCP SITE ID:**	C241146B

EQUIPMENT: Hand tools, CAT 335 Excavator, Komatsu WA380 excavator, Komatsu WA380,

PRESENT AT SITE:

Langan: Max Ringold
AECOM: Patrick Elias
TRIUMPH: Jairo Galarza, Josh Ricca
Related: Jason Eby

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan documented the following activities in accordance with the June 24th 2024 NYSDEC-approved Site Management Plan for the Willets Point Phase 1 Senior Housing Site.

Site Activities

- Triumph constructed a stabilized construction entrance using virgin quarry stone from the Willets Point Development Triangle Parcel BCP site (BCP Site No. C241146E).

Community Air Monitoring Plan Activities

- Community air monitoring was not implemented as work activities did not breach the site cover system.

Material Tracking

- Triumph imported 2 truckloads of virgin crushed quarry stone from the Triangle Parcel BCP site (BCP Site No. C241146E).
- No material was exported from the site.

Materials Import Summary - Soil		
Facility Name	Willets Point – Open Space Triangle (OSTR) BCP Site No. C241146E	
Location	Queens, NY.	
Material	Soil	
	Trucks	**CY**
Today	0	0
Total	43	860

cc: Project Team	By:	Max Ringold
		Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

Materials Import Summary - Stone		
Facility Name	Callanan Industries, Inc.	
Location	Monticello, NY	
Material	Stone Fill – Fine 620.02	
	Trucks	**CY**
Today	2	40
Total	4	80

Anticipated Activities

- None

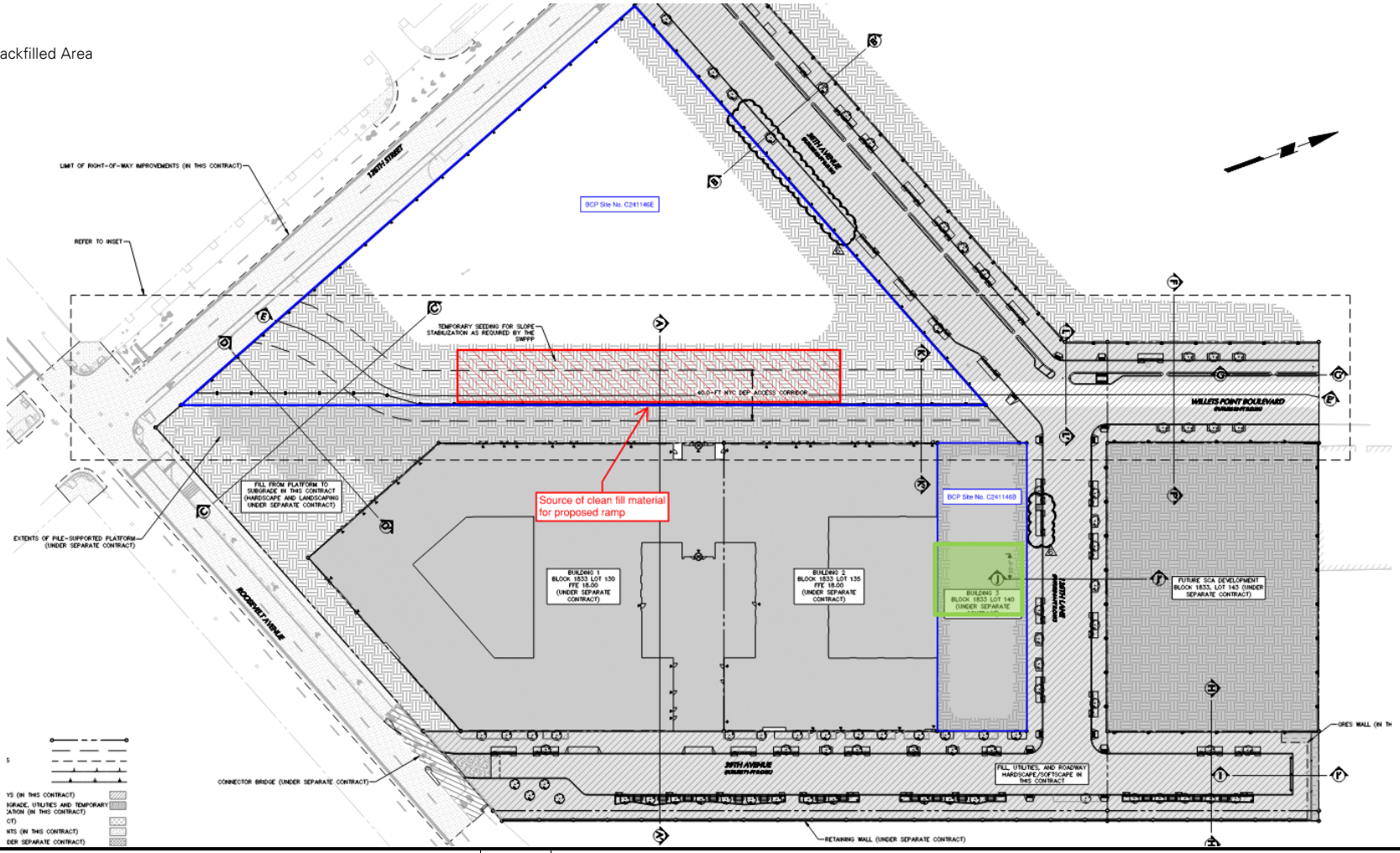
Photographs

Photo1: Ramp entrance area (facing southeast).

Figure 1 – Site Map

LEGEND:

Backfilled Area



cc: Project Team	By:	Max Ringold
		Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

LANGAN

SITE OBSERVATION REPORT

CLIENT:	Queens Development Group, LLC	**DATE:**	Monday, November 24, 2025
PROJECT No.:	170197650	**WEATHER:**	Sunny, 72-90°F
PROJECT:	Willets Point Development Phase 1 Senior Housing	**TIME:**	6:45 AM – 4:45 PM
LOCATION:	Queens, New York	**BCP SITE ID:**	C241146B

EQUIPMENT:
Hand tools
Geoprobe Drill Rig 66 DT

PRESENT AT SITE:
Langan: Shawn Martin and Max Ringold
AARCO Environmental Services Inc. (AARCO)

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan documented the following activities in accordance with the June 24, 2024 New York State Department of Environmental Conservation (NYSDEC)-approved Site Management Plan (SMP) for Willets Point Development Phase 1 Senior Housing.

Site Activities

- AARCO advanced 9 soil borings within the proposed footprint of Building 3 for waste characterization soil sampling.
- Triumph graded an about 20-foot-long by 10-foot-wide area in the central part of the site with clean fill to create an access ramp.

Sampling

- The following soil samples were collected and relinquished to Pace Analytical Laboratories, Inc. (Pace), a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified laboratory (ELAP No. 11148), under standard chain-of-custody protocols for analysis of Part 375/Target Compound List (TCL) semivolatile organic compounds (SVOC), pesticides, herbicides, polychlorinated biphenyls (PCB), Part 375/Target Analyte List (TAL) metals (including hexavalent & trivalent chromium), total cyanide, toxicity characteristic leaching procedure (TCLP) metals, and New Jersey Department of Environmental Protection (NJDEP) Extractable Petroleum Hydrocarbons (EPH) to facilitate future off-site disposal of soil during redevelopment:
    - WC03_COMP_0-5
    - WC03_COMP_5-10
    - WC04_COMP_0-5
    - WC04_COMP_5-10
    - WC-RAMP_COMP_0-8
- One duplicate sample (WCDUP_COMP_112425) was collected and submitted for quality assurance/quality control (QA/QC) purposes to Pace under standard chain-of-custody protocols for analysis of Part 375/TCL SVOCs, pesticides, herbicides, PCBs, Part 375/TAL metals (including hexavalent & trivalent chromium), total cyanide, TCLP Metals, and NJDEP EPH.
- The following soil samples were submitted to Pace under standard chain-of-custody protocols for analysis of Part 375/TCL volatile organic compounds (VOC) to facilitate future off-site disposal of soil during redevelopment:
    - WC03B_GRAB_3-4
    - WC03B_GRAB_9-10
    - WC04D_GRAB_3-4
    - WC04D_GRAB_9-10

- WC-RAMP02D_GRAB_2-3

Community Air Monitoring Plan Activities

- Langan performed community air monitoring at the perimeter of the site and BCP Site No. C241146E at three locations which included air monitoring for particulate matter smaller than 10 microns in diameter (PM10) and volatile organic compounds (VOC). PM10 and VOC concentrations did not exceed the action levels established in the site Community Air Monitoring Program (CAMP).
    - No fugitive dust or odors associated with ground-intrusive site activities were observed migrating off-site.
    - Refer to the Daily Air Monitoring Report attached to this Site Observation Report.

Material Tracking

- No soil/fill was imported to the site.
- No soil/fill was exported from the site.

Anticipated Activities

- AARCO will continue advancing soil borings for waste characterization sampling.

Photographs

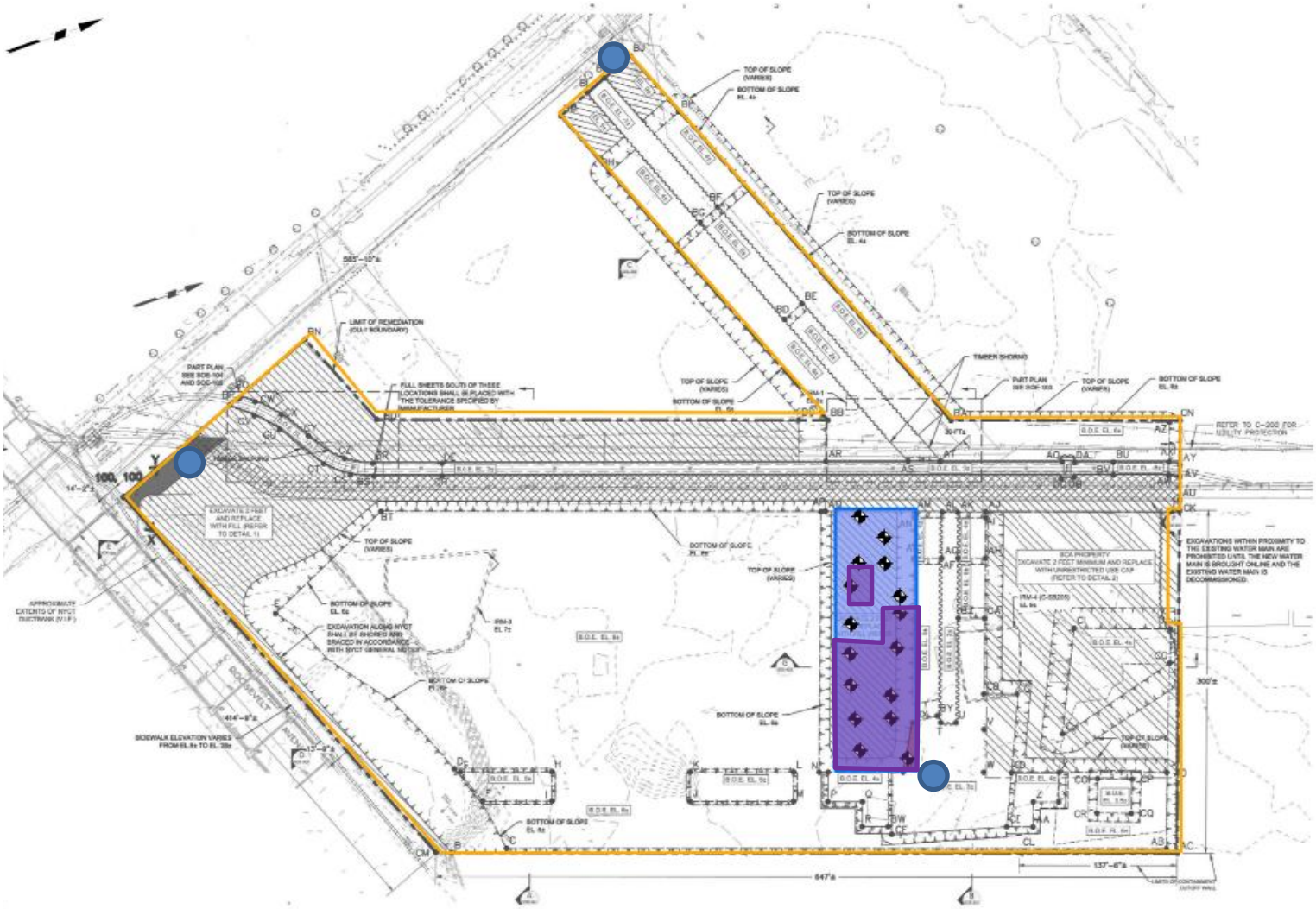
Photo 1: Triumph grading for an access ramp (facing west)

Photo 2: AARCO advancing soil borings in the eastern part of the site (facing east)

Figure 1 – Site Map

LEGEND:

- Soil Boring Location
- CAMP Station Location
- Soil Disturbance Area

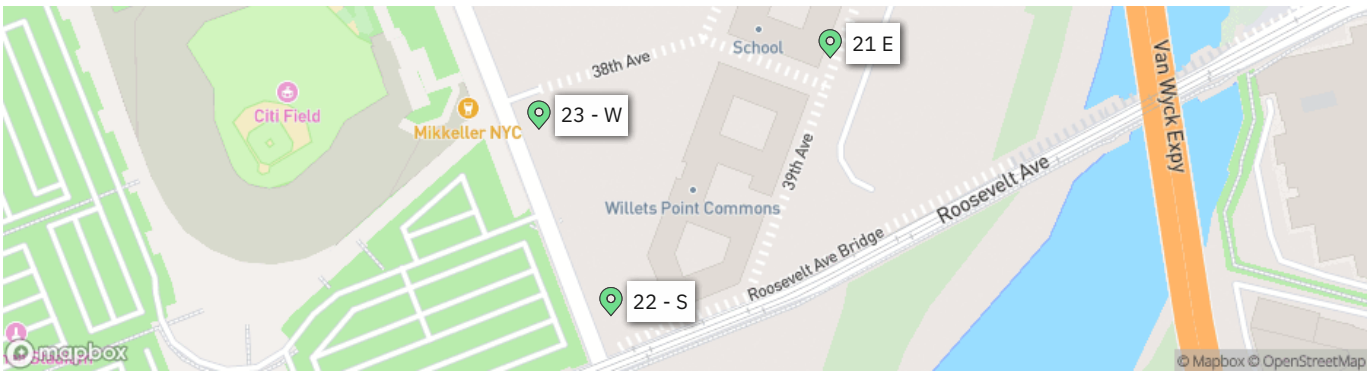


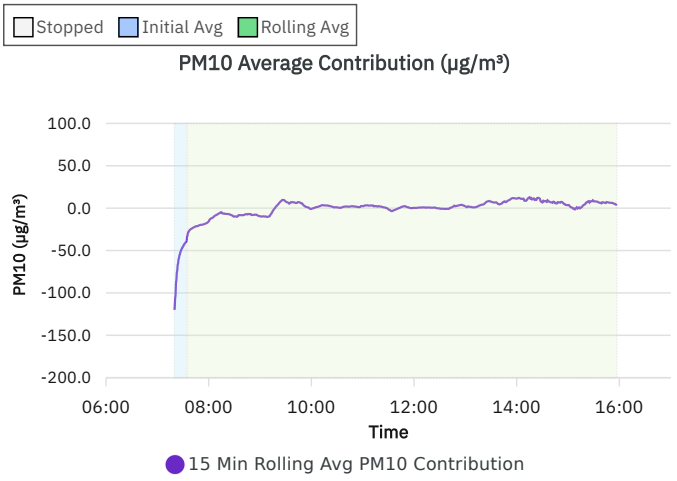
cc: Project Team	By:	Shawn Martin and Max Ringold
		Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

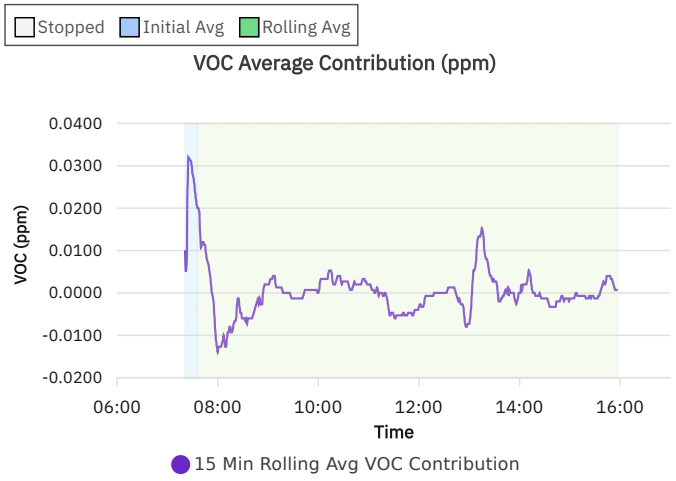
LANGAN	Willets OSTR Report	170197645 - Willets Point OSTR	
		Report Period	
		From:	11/24/2025 06:00
		To:	11/24/2025 17:00
		PM10 Action Level:	150 µg/m³
		VOC Action Level:	5 ppm

Daily Environmental Summary	Temp (°F)	Relative Humidity (%)	Barometer (inHg)	Wind Speed (mph)	Prevailing Wind Direction
11/24/2025	-	-	-	0.5 - 5.8	NE

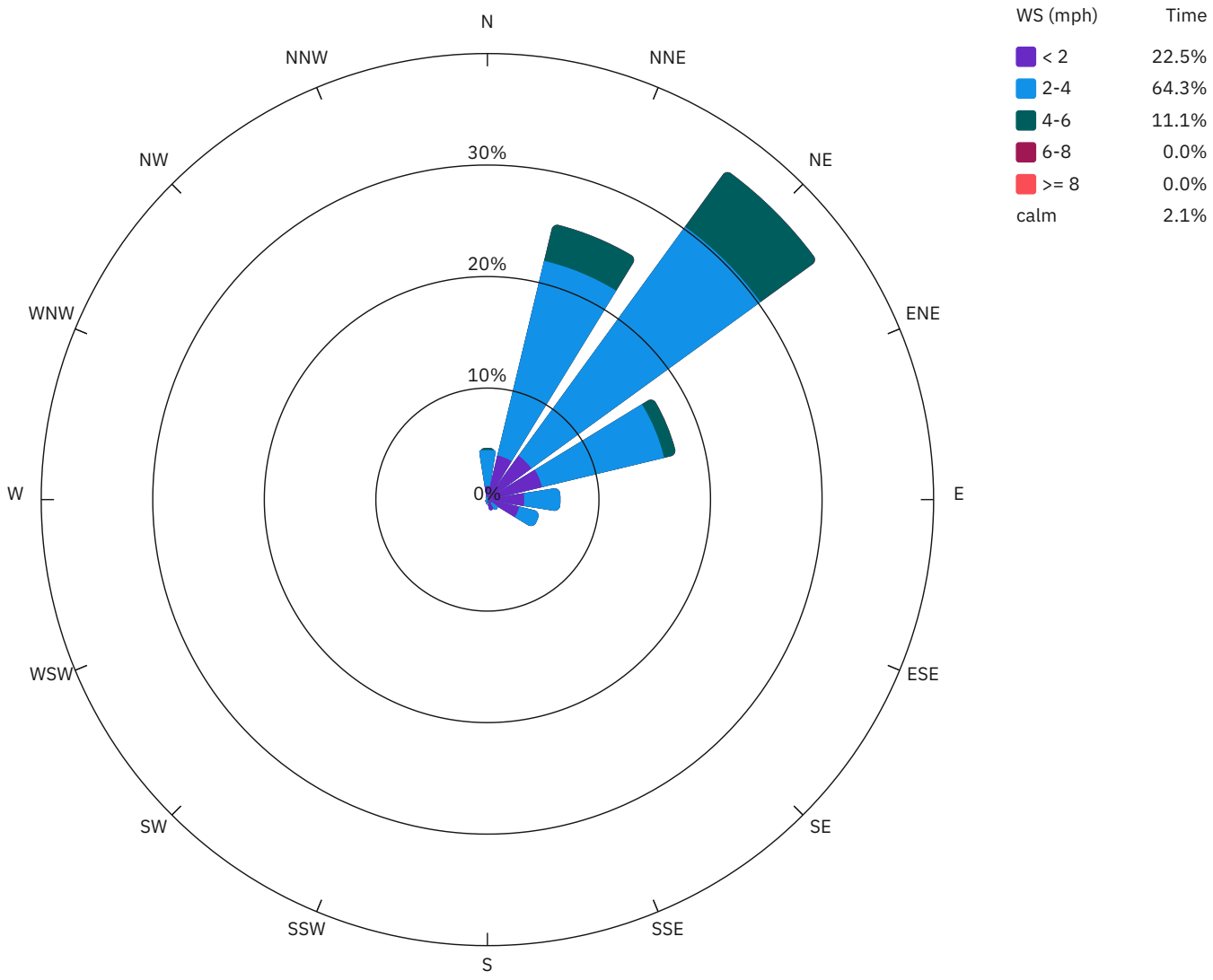
Daily Monitoring Summary	PM10 (µg/m³)	Time	VOC (ppm)	Time
Min Contribution (15 min avg.) - 11/24/2025	-120.0	07:20	-0.0140	08:00
Max Contribution (15 min avg.) - 11/24/2025	12.9	14:15	0.0320	07:25
Daily Avg. Contribution (15 min avg.) - 11/24/2025	-1.0	-	0.0005	-







Wind rose (mph)



DER-10 Summary: 15 Min Rolling Avg Data

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed	Wind Direction
11/24/2025 07:17							3.6	N
11/24/2025 07:18							3.3	NNE
11/24/2025 07:19							3.2	NE
11/24/2025 07:20	129.0	8.9	-120.0				3.1	ENE
11/24/2025 07:21	113.4	8.4	-104.9	0.0000	0.0100	0.0100	2.7	E
11/24/2025 07:22	102.4	16.3	-86.1	0.0050	0.0100	0.0050	2.9	ENE
11/24/2025 07:23	94.4	19.8	-74.6	0.0067	0.0133	0.0067	2.8	ENE
11/24/2025 07:24	87.9	22.0	-65.9	0.0075	0.0325	0.0250	2.8	ENE
11/24/2025 07:25	82.7	23.2	-59.5	0.0080	0.0400	0.0320	2.7	ENE
11/24/2025 07:26	78.4	23.2	-55.2	0.0083	0.0400	0.0317	2.6	ENE
11/24/2025 07:27	75.1	23.3	-51.8	0.0086	0.0400	0.0314	2.6	NE
11/24/2025 07:28	72.3	23.2	-49.0	0.0088	0.0400	0.0312	2.7	ENE
11/24/2025 07:29	69.9	23.0	-46.9	0.0089	0.0389	0.0300	2.7	NNE
11/24/2025 07:30	67.9	22.8	-45.2	0.0100	0.0380	0.0280	2.6	ENE
11/24/2025 07:31	66.0	22.8	-43.3	0.0100	0.0373	0.0273	2.6	NNE
11/24/2025 07:32	64.3	22.6	-41.7	0.0100	0.0358	0.0258	2.6	NE
11/24/2025 07:33	62.8	22.3	-40.5	0.0100	0.0338	0.0238	2.7	NE
11/24/2025 07:34	61.5	22.1	-39.4	0.0100	0.0321	0.0221	2.6	NE
11/24/2025 07:35	55.8	22.8	-33.0	0.0100	0.0307	0.0207	2.6	ENE
11/24/2025 07:36	52.1	23.4	-28.6	0.0107	0.0307	0.0200	2.6	NNE
11/24/2025 07:37	49.4	22.4	-27.0	0.0107	0.0307	0.0200	2.4	ENE
11/24/2025 07:38	47.3	21.7	-25.5	0.0107	0.0300	0.0193	2.4	NNE
11/24/2025 07:39	45.7	21.0	-24.7	0.0107	0.0247	0.0140	2.3	NE
11/24/2025 07:40	44.5	20.3	-24.2	0.0107	0.0213	0.0107	2.4	NE
11/24/2025 07:41	43.5	20.0	-23.5	0.0107	0.0220	0.0113	2.3	NNE
11/24/2025 07:42	42.7	19.7	-23.0	0.0107	0.0227	0.0120	2.2	NE
11/24/2025 07:43	41.8	19.3	-22.4	0.0107	0.0227	0.0120	2.1	ENE
11/24/2025 07:44	41.0	19.1	-21.9	0.0107	0.0220	0.0113	2.1	NE
11/24/2025 07:45	40.3	19.1	-21.3	0.0100	0.0213	0.0113	2.0	ENE
11/24/2025 07:46	40.0	18.6	-21.4	0.0107	0.0200	0.0093	1.9	NNE
11/24/2025 07:47	39.4	18.3	-21.2	0.0113	0.0193	0.0080	1.8	NE

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed	Wind Direction
11/24/2025 07:48	38.8	18.2	-20.6	0.0120	0.0193	0.0073	1.7	NNE
11/24/2025 07:49	38.2	18.1	-20.2	0.0127	0.0193	0.0067	1.6	ENE
11/24/2025 07:50	37.7	17.9	-19.8	0.0140	0.0193	0.0053	1.5	ESE
11/24/2025 07:51	37.4	17.8	-19.6	0.0153	0.0193	0.0040	1.4	NE
11/24/2025 07:52	37.2	17.6	-19.6	0.0167	0.0187	0.0020	1.4	ESE
11/24/2025 07:53	36.8	17.3	-19.4	0.0180	0.0180	0.0000	1.3	E
11/24/2025 07:54	36.3	17.2	-19.1	0.0180	0.0173	-0.0007	1.3	NNE
11/24/2025 07:55	35.8	17.2	-18.6	0.0180	0.0160	-0.0020	1.2	E
11/24/2025 07:56	35.4	17.1	-18.3	0.0180	0.0127	-0.0053	1.2	NE
11/24/2025 07:57	34.8	16.8	-17.9	0.0180	0.0093	-0.0087	1.2	E
11/24/2025 07:58	34.3	16.9	-17.4	0.0180	0.0067	-0.0113	1.2	E
11/24/2025 07:59	33.8	17.2	-16.6	0.0180	0.0053	-0.0127	1.1	ESE
11/24/2025 08:00	33.2	17.6	-15.6	0.0180	0.0040	-0.0140	1.1	NE
11/24/2025 08:01	32.2	18.5	-13.7	0.0167	0.0040	-0.0127	1.0	SSE
11/24/2025 08:02	31.7	19.1	-12.6	0.0160	0.0033	-0.0127	1.0	SE
11/24/2025 08:03	31.4	19.4	-12.0	0.0153	0.0027	-0.0127	1.1	ESE
11/24/2025 08:04	31.0	19.4	-11.6	0.0147	0.0020	-0.0127	1.1	NNE
11/24/2025 08:05	30.5	19.5	-11.0	0.0133	0.0013	-0.0120	1.2	NE
11/24/2025 08:06	29.8	19.8	-10.1	0.0120	0.0007	-0.0113	1.3	ENE
11/24/2025 08:07	29.0	20.0	-9.0	0.0107	0.0007	-0.0100	1.3	NNE
11/24/2025 08:08	28.6	20.1	-8.5	0.0120	0.0007	-0.0113	1.4	NNE
11/24/2025 08:09	28.2	20.1	-8.1	0.0140	0.0013	-0.0127	1.5	NE
11/24/2025 08:10	27.8	20.4	-7.4	0.0147	0.0020	-0.0127	1.6	NE
11/24/2025 08:11	27.4	20.7	-6.8	0.0147	0.0040	-0.0107	1.7	NNE
11/24/2025 08:12	27.2	21.0	-6.2	0.0153	0.0060	-0.0093	1.7	NE
11/24/2025 08:13	27.0	21.2	-5.8	0.0153	0.0060	-0.0093	1.8	ENE
11/24/2025 08:14	26.2	21.3	-4.8	0.0147	0.0067	-0.0080	1.6	SW
11/24/2025 08:15	25.8	20.9	-4.9	0.0147	0.0067	-0.0080	1.7	NNE
11/24/2025 08:16	26.1	19.9	-6.2	0.0153	0.0060	-0.0093	1.8	NNE
11/24/2025 08:17	25.8	19.4	-6.4	0.0153	0.0060	-0.0093	1.9	NE
11/24/2025 08:18	25.5	19.3	-6.2	0.0153	0.0067	-0.0087	2.0	ESE

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed	Wind Direction
11/24/2025 08:19	26.0	19.3	-6.7	0.0153	0.0080	-0.0073	1.9	NNE
11/24/2025 08:20	26.5	19.7	-6.8	0.0153	0.0087	-0.0067	1.8	NNE
11/24/2025 08:21	26.3	19.4	-6.8	0.0153	0.0087	-0.0067	1.9	NE
11/24/2025 08:22	26.1	19.3	-6.9	0.0147	0.0087	-0.0060	1.7	E
11/24/2025 08:23	26.1	19.2	-7.0	0.0113	0.0087	-0.0027	1.7	ENE
11/24/2025 08:24	26.1	19.0	-7.1	0.0093	0.0080	-0.0013	1.7	ENE
11/24/2025 08:25	26.0	18.4	-7.6	0.0087	0.0073	-0.0013	1.7	NE
11/24/2025 08:26	26.0	18.0	-8.0	0.0087	0.0053	-0.0033	1.6	E
11/24/2025 08:27	26.0	17.5	-8.5	0.0080	0.0033	-0.0047	1.7	NE
11/24/2025 08:28	25.8	17.0	-8.8	0.0080	0.0033	-0.0047	1.7	NNE
11/24/2025 08:29	26.3	16.4	-9.9	0.0087	0.0027	-0.0060	1.9	NE
11/24/2025 08:30	26.2	16.3	-10.0	0.0087	0.0027	-0.0060	1.8	NE
11/24/2025 08:31	25.7	16.0	-9.7	0.0087	0.0027	-0.0060	1.8	E
11/24/2025 08:32	25.6	15.8	-9.8	0.0087	0.0027	-0.0060	1.7	ENE
11/24/2025 08:33	25.5	15.3	-10.2	0.0087	0.0020	-0.0067	1.7	ENE
11/24/2025 08:34	24.6	15.1	-9.5	0.0080	0.0020	-0.0060	1.7	ESE
11/24/2025 08:35	23.1	15.0	-8.2	0.0087	0.0013	-0.0073	1.6	SSE
11/24/2025 08:36	23.1	14.9	-8.2	0.0087	0.0027	-0.0060	1.5	ESE
11/24/2025 08:37	23.1	14.8	-8.3	0.0093	0.0033	-0.0060	1.6	NNE
11/24/2025 08:38	22.8	14.6	-8.2	0.0100	0.0040	-0.0060	1.6	NE
11/24/2025 08:39	22.7	14.4	-8.3	0.0100	0.0040	-0.0060	1.5	NNE
11/24/2025 08:40	22.5	14.3	-8.2	0.0100	0.0040	-0.0060	1.5	NE
11/24/2025 08:41	22.3	14.1	-8.2	0.0100	0.0040	-0.0060	1.6	E
11/24/2025 08:42	22.1	14.5	-7.6	0.0093	0.0040	-0.0053	1.6	ENE
11/24/2025 08:43	22.1	14.9	-7.2	0.0087	0.0040	-0.0047	1.6	SE
11/24/2025 08:44	22.1	15.0	-7.1	0.0080	0.0040	-0.0040	1.7	NNE
11/24/2025 08:45	22.2	14.8	-7.4	0.0073	0.0040	-0.0033	1.7	N
11/24/2025 08:46	22.2	15.3	-6.9	0.0067	0.0040	-0.0027	1.8	N
11/24/2025 08:47	22.2	15.1	-7.0	0.0060	0.0040	-0.0020	1.9	E
11/24/2025 08:48	22.1	15.0	-7.1	0.0053	0.0040	-0.0013	2.0	ENE
11/24/2025 08:49	22.2	15.3	-6.9	0.0053	0.0027	-0.0027	2.2	NE

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed	Wind Direction
11/24/2025 08:50	23.0	15.0	-8.0	0.0047	0.0033	-0.0013	2.5	NE
11/24/2025 08:51	23.2	15.0	-8.1	0.0047	0.0020	-0.0027	2.7	ENE
11/24/2025 08:52	23.2	15.2	-8.0	0.0040	0.0013	-0.0027	2.7	NE
11/24/2025 08:53	23.2	15.4	-7.8	0.0033	0.0007	-0.0027	2.8	ENE
11/24/2025 08:54	23.2	15.6	-7.6	0.0027	0.0027	0.0000	2.8	NNE
11/24/2025 08:55	23.3	15.6	-7.8	0.0020	0.0033	0.0013	2.8	ENE
11/24/2025 08:56	23.3	15.5	-7.7	0.0013	0.0033	0.0020	3.0	ENE
11/24/2025 08:57	23.7	15.1	-8.5	0.0013	0.0033	0.0020	3.1	NNE
11/24/2025 08:58	23.6	14.6	-9.0	0.0013	0.0033	0.0020	3.4	NE
11/24/2025 08:59	23.6	14.3	-9.3	0.0013	0.0033	0.0020	3.3	ENE
11/24/2025 09:00	23.7	14.4	-9.4	0.0013	0.0033	0.0020	3.4	ENE
11/24/2025 09:01	24.1	14.2	-9.9	0.0013	0.0033	0.0020	3.5	NNE
11/24/2025 09:02	24.0	14.2	-9.9	0.0013	0.0040	0.0027	3.6	NE
11/24/2025 09:03	24.0	14.3	-9.7	0.0013	0.0047	0.0033	3.6	NNE
11/24/2025 09:04	23.6	14.0	-9.6	0.0013	0.0047	0.0033	3.5	NE
11/24/2025 09:05	23.3	13.4	-9.9	0.0007	0.0040	0.0033	3.4	ENE
11/24/2025 09:06	22.8	13.1	-9.7	0.0000	0.0040	0.0040	3.5	NNE
11/24/2025 09:07	22.5	12.6	-9.9	0.0000	0.0040	0.0040	3.3	ESE
11/24/2025 09:08	22.4	12.0	-10.4	0.0000	0.0040	0.0040	3.3	ENE
11/24/2025 09:09	22.1	11.9	-10.2	0.0000	0.0020	0.0020	3.2	ESE
11/24/2025 09:10	21.8	11.8	-9.9	0.0000	0.0013	0.0013	3.2	NE
11/24/2025 09:11	21.5	11.9	-9.7	0.0000	0.0013	0.0013	3.0	N
11/24/2025 09:12	20.8	12.8	-8.1	0.0000	0.0013	0.0013	3.0	NE
11/24/2025 09:13	20.6	13.9	-6.7	0.0000	0.0013	0.0013	3.1	ENE
11/24/2025 09:14	20.4	15.3	-5.1	0.0000	0.0013	0.0013	3.2	NE
11/24/2025 09:15	20.0	16.8	-3.2	0.0000	0.0013	0.0013	3.1	NNE
11/24/2025 09:16	19.5	17.8	-1.7	0.0000	0.0013	0.0013	3.1	NE
11/24/2025 09:17	19.3	18.7	-0.5	0.0000	0.0007	0.0007	3.0	ENE
11/24/2025 09:18	19.1	20.1	1.0	0.0000	0.0000	0.0000	3.1	NNE
11/24/2025 09:19	18.9	21.2	2.3	0.0000	0.0000	0.0000	3.1	ENE
11/24/2025 09:20	18.9	22.2	3.3	0.0000	0.0000	0.0000	3.0	ESE

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed	Wind Direction
11/24/2025 09:21	19.0	23.3	4.3	0.0000	0.0000	0.0000	3.1	NNE
11/24/2025 09:22	19.0	24.5	5.5	0.0000	0.0000	0.0000	3.2	NE
11/24/2025 09:23	18.7	25.6	6.8	0.0000	0.0000	0.0000	3.2	NNE
11/24/2025 09:24	18.6	26.5	7.9	0.0000	0.0000	0.0000	3.3	ENE
11/24/2025 09:25	18.4	27.1	8.7	0.0000	0.0000	0.0000	3.2	E
11/24/2025 09:26	18.4	28.1	9.7	0.0000	0.0000	0.0000	3.4	NE
11/24/2025 09:27	18.2	27.8	9.6	0.0007	0.0000	-0.0007	3.4	NE
11/24/2025 09:28	18.0	27.6	9.6	0.0013	0.0000	-0.0013	3.4	NE
11/24/2025 09:29	17.9	26.7	8.8	0.0013	0.0000	-0.0013	3.4	NE
11/24/2025 09:30	17.7	25.5	7.8	0.0013	0.0000	-0.0013	3.5	NE
11/24/2025 09:31	17.6	24.8	7.2	0.0013	0.0000	-0.0013	3.7	NNE
11/24/2025 09:32	17.5	24.4	6.9	0.0013	0.0000	-0.0013	3.7	NE
11/24/2025 09:33	17.4	23.7	6.4	0.0013	0.0000	-0.0013	3.8	NNE
11/24/2025 09:34	17.9	23.3	5.4	0.0013	0.0000	-0.0013	3.8	ENE
11/24/2025 09:35	17.9	23.9	6.0	0.0013	0.0000	-0.0013	4.1	NE
11/24/2025 09:36	17.7	24.7	7.0	0.0013	0.0000	-0.0013	4.0	NNE
11/24/2025 09:37	17.6	24.5	6.9	0.0013	0.0000	-0.0013	4.0	E
11/24/2025 09:38	17.7	24.9	7.2	0.0013	0.0000	-0.0013	4.0	E
11/24/2025 09:39	17.8	24.7	6.9	0.0013	0.0000	-0.0013	4.0	ENE
11/24/2025 09:40	18.0	24.7	6.8	0.0013	0.0000	-0.0013	4.0	E
11/24/2025 09:41	18.2	24.5	6.4	0.0013	0.0000	-0.0013	4.0	ENE
11/24/2025 09:42	18.6	24.5	6.0	0.0007	0.0000	-0.0007	4.0	ENE
11/24/2025 09:43	18.6	24.7	6.2	0.0000	0.0000	0.0000	4.1	NE
11/24/2025 09:44	18.6	25.5	7.0	0.0000	0.0007	0.0007	4.1	NE
11/24/2025 09:45	18.5	25.6	7.1	0.0000	0.0007	0.0007	4.0	NE
11/24/2025 09:46	18.5	25.4	6.9	0.0000	0.0007	0.0007	4.0	ENE
11/24/2025 09:47	18.5	25.0	6.5	0.0000	0.0007	0.0007	4.1	NE
11/24/2025 09:48	18.6	24.3	5.8	0.0000	0.0007	0.0007	4.1	NE
11/24/2025 09:49	17.9	23.7	5.7	0.0000	0.0007	0.0007	4.1	ENE
11/24/2025 09:50	17.8	22.3	4.5	0.0000	0.0007	0.0007	4.0	NNE
11/24/2025 09:51	17.7	20.9	3.2	0.0000	0.0007	0.0007	3.9	NE

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed	Wind Direction
11/24/2025 09:52	17.7	20.4	2.7	0.0000	0.0007	0.0007	3.7	SE
11/24/2025 09:53	17.6	19.5	1.8	0.0000	0.0007	0.0007	3.6	NE
11/24/2025 09:54	17.4	18.8	1.4	0.0000	0.0007	0.0007	3.6	NE
11/24/2025 09:55	17.3	18.5	1.2	0.0000	0.0007	0.0007	3.6	ENE
11/24/2025 09:56	17.0	17.9	0.9	0.0000	0.0007	0.0007	3.5	NNE
11/24/2025 09:57	16.8	17.4	0.6	0.0000	0.0007	0.0007	3.3	NE
11/24/2025 09:58	17.0	16.6	-0.4	0.0000	0.0007	0.0007	3.1	ESE
11/24/2025 09:59	17.0	16.0	-1.0	0.0000	0.0000	0.0000	3.0	ENE
11/24/2025 10:00	17.1	16.3	-0.8	0.0000	0.0000	0.0000	3.0	NE
11/24/2025 10:01	17.1	16.5	-0.5	0.0000	0.0007	0.0007	2.9	NE
11/24/2025 10:02	17.0	16.9	-0.1	0.0000	0.0027	0.0027	2.8	NE
11/24/2025 10:03	17.0	17.2	0.2	0.0000	0.0033	0.0033	2.8	NE
11/24/2025 10:04	17.1	17.6	0.5	0.0000	0.0033	0.0033	2.9	NE
11/24/2025 10:05	17.1	18.2	1.1	0.0000	0.0033	0.0033	2.9	NE
11/24/2025 10:06	17.0	18.2	1.2	0.0000	0.0033	0.0033	3.2	NE
11/24/2025 10:07	16.9	18.3	1.4	0.0000	0.0033	0.0033	3.4	NE
11/24/2025 10:08	16.8	18.6	1.7	0.0000	0.0033	0.0033	3.5	NE
11/24/2025 10:09	16.8	18.9	2.1	0.0000	0.0033	0.0033	3.6	NE
11/24/2025 10:10	16.9	19.3	2.4	0.0000	0.0033	0.0033	3.7	NNE
11/24/2025 10:11	16.8	19.7	2.9	0.0000	0.0033	0.0033	3.8	NE
11/24/2025 10:12	16.6	20.0	3.4	0.0000	0.0047	0.0047	3.9	NNE
11/24/2025 10:13	16.3	19.9	3.6	0.0000	0.0053	0.0053	4.3	NNE
11/24/2025 10:14	16.2	19.6	3.4	0.0000	0.0053	0.0053	4.3	NNE
11/24/2025 10:15	16.0	19.3	3.3	0.0000	0.0053	0.0053	4.3	NE
11/24/2025 10:16	15.9	19.2	3.3	0.0000	0.0047	0.0047	4.3	NE
11/24/2025 10:17	15.8	19.0	3.1	0.0000	0.0027	0.0027	4.3	NNE
11/24/2025 10:18	15.6	18.7	3.1	0.0000	0.0020	0.0020	4.3	NE
11/24/2025 10:19	15.5	18.7	3.2	0.0000	0.0020	0.0020	4.2	ENE
11/24/2025 10:20	15.5	18.4	2.9	0.0000	0.0020	0.0020	4.2	NE
11/24/2025 10:21	15.5	18.1	2.6	0.0000	0.0027	0.0027	4.1	NE
11/24/2025 10:22	15.5	17.8	2.4	0.0000	0.0033	0.0033	4.1	NE

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed	Wind Direction
11/24/2025 10:23	15.5	17.6	2.1	0.0000	0.0040	0.0040	4.0	NNE
11/24/2025 10:24	15.4	17.3	1.9	0.0000	0.0040	0.0040	3.9	NE
11/24/2025 10:25	15.4	16.9	1.5	0.0000	0.0040	0.0040	3.9	NE
11/24/2025 10:26	15.4	16.5	1.1	0.0000	0.0040	0.0040	4.0	NE
11/24/2025 10:27	15.2	16.2	0.9	0.0000	0.0027	0.0027	3.9	NE
11/24/2025 10:28	15.1	16.3	1.1	0.0000	0.0020	0.0020	3.8	NNE
11/24/2025 10:29	15.1	16.2	1.1	0.0000	0.0027	0.0027	3.8	NNE
11/24/2025 10:30	15.1	16.0	1.0	0.0000	0.0027	0.0027	3.8	NE
11/24/2025 10:31	15.0	15.8	0.7	0.0000	0.0027	0.0027	3.8	NE
11/24/2025 10:32	15.0	15.7	0.6	0.0000	0.0027	0.0027	3.8	NE
11/24/2025 10:33	15.0	15.6	0.6	0.0000	0.0027	0.0027	3.8	NE
11/24/2025 10:34	15.1	15.4	0.3	0.0000	0.0027	0.0027	3.9	NE
11/24/2025 10:35	15.0	15.7	0.7	0.0000	0.0027	0.0027	3.9	NNE
11/24/2025 10:36	14.9	15.9	1.0	0.0000	0.0020	0.0020	3.9	NE
11/24/2025 10:37	14.7	16.2	1.5	0.0000	0.0013	0.0013	3.8	NE
11/24/2025 10:38	14.6	16.3	1.7	0.0000	0.0007	0.0007	3.7	ENE
11/24/2025 10:39	14.6	16.4	1.8	0.0000	0.0007	0.0007	3.7	ENE
11/24/2025 10:40	14.6	16.5	1.9	0.0000	0.0007	0.0007	3.5	E
11/24/2025 10:41	14.5	16.5	2.0	0.0000	0.0013	0.0013	3.2	N
11/24/2025 10:42	14.4	16.4	2.0	0.0000	0.0020	0.0020	3.1	ENE
11/24/2025 10:43	14.5	16.2	1.7	0.0000	0.0027	0.0027	2.9	NE
11/24/2025 10:44	14.5	16.2	1.7	0.0000	0.0020	0.0020	2.8	E
11/24/2025 10:45	14.4	16.3	1.9	0.0000	0.0020	0.0020	2.7	NE
11/24/2025 10:46	14.3	16.5	2.2	0.0000	0.0020	0.0020	2.7	NNE
11/24/2025 10:47	14.3	16.5	2.2	0.0000	0.0020	0.0020	2.6	E
11/24/2025 10:48	14.2	16.4	2.2	0.0000	0.0020	0.0020	2.6	NE
11/24/2025 10:49	14.1	16.4	2.3	0.0000	0.0020	0.0020	2.6	NE
11/24/2025 10:50	14.0	16.0	1.9	0.0000	0.0020	0.0020	2.6	N
11/24/2025 10:51	14.1	16.0	1.9	0.0000	0.0020	0.0020	2.6	NNE
11/24/2025 10:52	14.1	16.0	1.9	0.0000	0.0027	0.0027	2.6	NNE
11/24/2025 10:53	14.1	15.7	1.6	0.0000	0.0033	0.0033	2.7	NNE

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed	Wind Direction
11/24/2025 10:54	14.1	15.5	1.4	0.0000	0.0033	0.0033	2.7	NE
11/24/2025 10:55	14.1	15.4	1.3	0.0000	0.0033	0.0033	2.8	NNE
11/24/2025 10:56	14.1	15.3	1.2	0.0000	0.0027	0.0027	2.9	ENE
11/24/2025 10:57	14.0	15.4	1.4	0.0000	0.0027	0.0027	2.9	NE
11/24/2025 10:58	13.3	15.7	2.5	0.0000	0.0020	0.0020	2.9	NNW
11/24/2025 10:59	13.3	15.8	2.5	0.0000	0.0020	0.0020	3.1	NNE
11/24/2025 11:00	13.2	15.5	2.3	0.0000	0.0020	0.0020	3.1	NNE
11/24/2025 11:01	13.2	15.6	2.4	0.0000	0.0020	0.0020	3.0	ENE
11/24/2025 11:02	13.2	16.3	3.1	0.0000	0.0020	0.0020	3.1	NNE
11/24/2025 11:03	13.3	16.5	3.2	0.0007	0.0020	0.0013	3.0	NNE
11/24/2025 11:04	13.3	16.5	3.2	0.0013	0.0020	0.0007	2.8	ENE
11/24/2025 11:05	13.4	16.8	3.4	0.0013	0.0020	0.0007	2.7	NE
11/24/2025 11:06	13.3	16.6	3.3	0.0013	0.0020	0.0007	2.6	NE
11/24/2025 11:07	13.3	16.3	3.0	0.0013	0.0013	0.0000	2.5	ENE
11/24/2025 11:08	13.4	16.4	3.0	0.0013	0.0013	0.0000	2.4	NE
11/24/2025 11:09	13.3	16.6	3.2	0.0013	0.0020	0.0007	2.5	NE
11/24/2025 11:10	13.3	16.5	3.2	0.0013	0.0027	0.0013	2.6	NE
11/24/2025 11:11	13.4	16.6	3.1	0.0020	0.0027	0.0007	2.7	NE
11/24/2025 11:12	13.5	16.7	3.2	0.0027	0.0020	-0.0007	2.7	NE
11/24/2025 11:13	14.2	16.3	2.2	0.0027	0.0027	0.0000	2.9	NNE
11/24/2025 11:14	14.1	16.3	2.2	0.0027	0.0027	0.0000	2.7	E
11/24/2025 11:15	14.0	16.5	2.5	0.0027	0.0027	0.0000	2.7	NE
11/24/2025 11:16	14.0	16.4	2.4	0.0027	0.0027	0.0000	2.7	NE
11/24/2025 11:17	14.0	15.9	1.9	0.0033	0.0027	-0.0007	2.6	E
11/24/2025 11:18	13.9	16.0	2.1	0.0033	0.0027	-0.0007	2.6	ESE
11/24/2025 11:19	13.7	16.2	2.4	0.0027	0.0027	0.0000	2.6	ENE
11/24/2025 11:20	13.6	15.7	2.0	0.0027	0.0027	0.0000	2.6	NE
11/24/2025 11:21	13.6	15.4	1.8	0.0033	0.0027	-0.0007	2.5	ENE
11/24/2025 11:22	13.5	15.3	1.8	0.0040	0.0027	-0.0013	2.5	NNE
11/24/2025 11:23	13.6	15.0	1.4	0.0047	0.0020	-0.0027	2.5	NNE
11/24/2025 11:24	13.6	14.7	1.1	0.0053	0.0013	-0.0040	2.4	ENE

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed	Wind Direction
11/24/2025 11:25	13.7	14.6	0.9	0.0060	0.0007	-0.0053	2.4	NNE
11/24/2025 11:26	13.6	14.4	0.8	0.0060	0.0007	-0.0053	2.4	NE
11/24/2025 11:27	13.6	14.1	0.4	0.0053	0.0007	-0.0047	2.5	ENE
11/24/2025 11:28	13.6	13.9	0.2	0.0053	0.0007	-0.0047	2.4	NE
11/24/2025 11:29	14.1	13.6	-0.5	0.0053	0.0007	-0.0047	2.4	NNE
11/24/2025 11:30	14.6	13.2	-1.4	0.0060	0.0007	-0.0053	2.4	NNE
11/24/2025 11:31	14.7	12.8	-1.9	0.0067	0.0007	-0.0060	2.3	E
11/24/2025 11:32	14.8	12.3	-2.4	0.0067	0.0007	-0.0060	2.3	E
11/24/2025 11:33	15.1	11.9	-3.2	0.0060	0.0007	-0.0053	2.4	ENE
11/24/2025 11:34	15.2	11.7	-3.5	0.0060	0.0007	-0.0053	2.4	NNE
11/24/2025 11:35	15.2	11.9	-3.3	0.0060	0.0007	-0.0053	2.4	NE
11/24/2025 11:36	15.4	12.8	-2.6	0.0060	0.0007	-0.0053	2.5	NNE
11/24/2025 11:37	15.7	13.5	-2.2	0.0060	0.0007	-0.0053	2.4	ENE
11/24/2025 11:38	16.0	14.1	-1.9	0.0060	0.0007	-0.0053	2.5	NNE
11/24/2025 11:39	16.2	14.8	-1.4	0.0060	0.0007	-0.0053	2.6	NE
11/24/2025 11:40	16.2	15.2	-1.0	0.0060	0.0007	-0.0053	2.6	NNE
11/24/2025 11:41	16.2	15.6	-0.5	0.0053	0.0007	-0.0047	2.6	NNE
11/24/2025 11:42	16.1	16.1	0.0	0.0053	0.0007	-0.0047	2.4	E
11/24/2025 11:43	16.1	16.3	0.2	0.0053	0.0000	-0.0053	2.2	SE
11/24/2025 11:44	15.7	16.4	0.7	0.0053	0.0000	-0.0053	2.2	NE
11/24/2025 11:45	15.2	16.6	1.4	0.0053	0.0000	-0.0053	2.1	E
11/24/2025 11:46	15.1	16.7	1.7	0.0053	0.0000	-0.0053	2.1	NE
11/24/2025 11:47	15.1	16.9	1.8	0.0047	0.0000	-0.0047	2.1	E
11/24/2025 11:48	14.7	17.0	2.3	0.0047	0.0000	-0.0047	2.0	ESE
11/24/2025 11:49	14.7	17.0	2.3	0.0047	0.0000	-0.0047	2.1	NE
11/24/2025 11:50	14.7	16.9	2.2	0.0047	0.0000	-0.0047	2.1	NNE
11/24/2025 11:51	14.5	16.0	1.5	0.0047	0.0000	-0.0047	2.0	NNE
11/24/2025 11:52	14.1	15.3	1.2	0.0053	0.0000	-0.0053	2.0	N
11/24/2025 11:53	13.7	14.9	1.2	0.0053	0.0000	-0.0053	1.9	NNE
11/24/2025 11:54	13.6	14.3	0.7	0.0047	0.0000	-0.0047	1.9	NNE
11/24/2025 11:55	13.8	14.0	0.2	0.0040	0.0000	-0.0040	1.7	NE

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed	Wind Direction
11/24/2025 11:56	13.7	13.9	0.2	0.0040	0.0000	-0.0040	1.7	NE
11/24/2025 11:57	13.7	13.8	0.1	0.0040	0.0000	-0.0040	1.7	ESE
11/24/2025 11:58	13.9	13.9	0.0	0.0040	0.0000	-0.0040	1.8	N
11/24/2025 11:59	13.8	14.2	0.4	0.0040	0.0000	-0.0040	1.9	NE
11/24/2025 12:00	13.7	14.1	0.3	0.0033	0.0000	-0.0033	1.9	ESE
11/24/2025 12:01	13.6	13.9	0.3	0.0027	0.0000	-0.0027	1.9	ESE
11/24/2025 12:02	13.4	13.7	0.3	0.0027	0.0000	-0.0027	1.9	NE
11/24/2025 12:03	13.3	13.6	0.3	0.0033	0.0000	-0.0033	2.0	NE
11/24/2025 12:04	13.2	13.7	0.5	0.0033	0.0000	-0.0033	2.1	NE
11/24/2025 12:05	13.1	13.7	0.6	0.0033	0.0000	-0.0033	2.1	NE
11/24/2025 12:06	13.0	13.7	0.7	0.0027	0.0000	-0.0027	2.2	NE
11/24/2025 12:07	13.0	13.8	0.8	0.0013	0.0000	-0.0013	2.2	ENE
11/24/2025 12:08	12.9	13.6	0.8	0.0007	0.0000	-0.0007	2.3	NE
11/24/2025 12:09	12.8	13.5	0.7	0.0007	0.0000	-0.0007	2.2	NNE
11/24/2025 12:10	12.4	13.4	1.0	0.0007	0.0000	-0.0007	2.3	NNE
11/24/2025 12:11	12.4	13.3	0.9	0.0007	0.0000	-0.0007	2.3	NNE
11/24/2025 12:12	12.3	13.1	0.8	0.0007	0.0000	-0.0007	2.4	NNE
11/24/2025 12:13	12.0	12.9	0.9	0.0007	0.0000	-0.0007	2.5	NE
11/24/2025 12:14	12.0	12.5	0.5	0.0007	0.0000	-0.0007	2.4	NE
11/24/2025 12:15	12.0	12.6	0.7	0.0007	0.0000	-0.0007	2.5	NNE
11/24/2025 12:16	12.0	12.8	0.9	0.0007	0.0000	-0.0007	2.7	NNE
11/24/2025 12:17	12.0	12.8	0.8	0.0007	0.0000	-0.0007	2.6	ENE
11/24/2025 12:18	12.0	12.7	0.7	0.0000	0.0000	0.0000	2.8	NNE
11/24/2025 12:19	12.0	12.7	0.7	0.0000	0.0000	0.0000	2.6	NE
11/24/2025 12:20	12.0	12.5	0.5	0.0000	0.0000	0.0000	2.3	SSE
11/24/2025 12:21	12.0	12.6	0.6	0.0000	0.0000	0.0000	2.2	NE
11/24/2025 12:22	12.0	12.6	0.6	0.0000	0.0000	0.0000	2.2	ENE
11/24/2025 12:23	11.9	12.5	0.6	0.0000	0.0000	0.0000	2.1	N
11/24/2025 12:24	11.9	12.6	0.8	0.0000	0.0000	0.0000	2.2	NE
11/24/2025 12:25	11.9	12.5	0.6	0.0000	0.0000	0.0000	2.1	ENE
11/24/2025 12:26	12.2	12.3	0.1	0.0000	0.0000	0.0000	2.0	NE

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed	Wind Direction
11/24/2025 12:27	12.3	12.2	-0.1	0.0000	0.0000	0.0000	1.9	ESE
11/24/2025 12:28	12.4	12.2	-0.2	0.0000	0.0000	0.0000	1.9	NE
11/24/2025 12:29	12.4	12.2	-0.2	0.0000	0.0000	0.0000	1.9	NE
11/24/2025 12:30	12.3	12.0	-0.4	0.0000	0.0000	0.0000	2.0	NE
11/24/2025 12:31	12.4	11.7	-0.7	0.0000	0.0000	0.0000	2.0	NNE
11/24/2025 12:32	12.3	11.6	-0.7	0.0000	0.0000	0.0000	2.0	NE
11/24/2025 12:33	12.3	11.7	-0.6	0.0000	0.0000	0.0000	1.9	ENE
11/24/2025 12:34	12.4	11.6	-0.8	0.0000	0.0007	0.0007	2.0	ENE
11/24/2025 12:35	12.4	11.7	-0.7	0.0000	0.0013	0.0013	2.2	NE
11/24/2025 12:36	12.4	11.5	-0.9	0.0000	0.0013	0.0013	2.2	NE
11/24/2025 12:37	12.4	11.5	-0.9	0.0000	0.0013	0.0013	2.2	ENE
11/24/2025 12:38	12.3	11.6	-0.7	0.0000	0.0013	0.0013	2.1	ESE
11/24/2025 12:39	12.3	11.5	-0.8	0.0000	0.0013	0.0013	1.9	SSE
11/24/2025 12:40	12.3	11.6	-0.7	0.0000	0.0013	0.0013	1.9	ESE
11/24/2025 12:41	12.2	11.5	-0.7	0.0000	0.0013	0.0013	1.9	NNE
11/24/2025 12:42	11.5	11.7	0.2	0.0000	0.0013	0.0013	1.9	N
11/24/2025 12:43	11.5	12.1	0.6	0.0007	0.0013	0.0007	1.8	ENE
11/24/2025 12:44	11.6	12.4	0.8	0.0013	0.0013	0.0000	1.7	NE
11/24/2025 12:45	11.7	13.2	1.5	0.0020	0.0013	-0.0007	1.6	ENE
11/24/2025 12:46	11.6	13.7	2.1	0.0027	0.0013	-0.0013	1.6	ENE
11/24/2025 12:47	11.5	14.4	2.9	0.0033	0.0013	-0.0020	1.5	NNE
11/24/2025 12:48	12.1	14.3	2.2	0.0033	0.0020	-0.0013	1.3	S
11/24/2025 12:49	12.0	14.5	2.5	0.0033	0.0013	-0.0020	1.2	NNE
11/24/2025 12:50	11.9	14.6	2.7	0.0033	0.0007	-0.0027	1.1	N
11/24/2025 12:51	11.8	14.8	3.0	0.0033	0.0007	-0.0027	1.1	ENE
11/24/2025 12:52	11.8	15.0	3.2	0.0033	0.0007	-0.0027	1.1	NNE
11/24/2025 12:53	11.8	15.3	3.5	0.0040	0.0007	-0.0033	1.2	NE
11/24/2025 12:54	11.6	15.4	3.8	0.0060	0.0007	-0.0053	1.3	E
11/24/2025 12:55	11.7	15.5	3.8	0.0080	0.0007	-0.0073	1.4	N
11/24/2025 12:56	11.6	15.6	4.0	0.0093	0.0013	-0.0080	1.5	NNE
11/24/2025 12:57	12.3	15.7	3.4	0.0100	0.0020	-0.0080	1.7	NE

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed	Wind Direction
11/24/2025 12:58	12.2	15.2	3.0	0.0100	0.0027	-0.0073	1.8	NE
11/24/2025 12:59	12.1	14.8	2.8	0.0100	0.0027	-0.0073	1.8	N
11/24/2025 13:00	11.9	14.1	2.1	0.0100	0.0027	-0.0073	1.9	NNE
11/24/2025 13:01	11.9	13.6	1.6	0.0093	0.0033	-0.0060	1.9	NNE
11/24/2025 13:02	11.9	13.1	1.2	0.0087	0.0047	-0.0040	2.0	NE
11/24/2025 13:03	11.3	13.4	2.1	0.0107	0.0100	-0.0007	2.1	ESE
11/24/2025 13:04	11.3	13.2	1.9	0.0133	0.0160	0.0027	2.1	NNE
11/24/2025 13:05	11.3	13.0	1.7	0.0160	0.0213	0.0053	2.1	N
11/24/2025 13:06	11.4	12.8	1.4	0.0187	0.0240	0.0053	2.3	NE
11/24/2025 13:07	11.4	12.8	1.4	0.0193	0.0253	0.0060	2.2	ENE
11/24/2025 13:08	11.5	12.6	1.1	0.0193	0.0267	0.0073	2.3	NE
11/24/2025 13:09	11.6	12.5	0.9	0.0173	0.0280	0.0107	2.4	NNE
11/24/2025 13:10	11.4	12.4	1.0	0.0153	0.0280	0.0127	2.4	E
11/24/2025 13:11	11.2	12.2	1.0	0.0140	0.0273	0.0133	2.3	NE
11/24/2025 13:12	11.1	12.3	1.2	0.0133	0.0267	0.0133	2.2	E
11/24/2025 13:13	10.9	12.5	1.6	0.0127	0.0260	0.0133	2.1	NNE
11/24/2025 13:14	10.8	12.6	1.8	0.0120	0.0260	0.0140	2.2	NE
11/24/2025 13:15	10.8	13.1	2.3	0.0113	0.0267	0.0153	2.2	NNE
11/24/2025 13:16	10.7	13.7	3.0	0.0113	0.0260	0.0147	2.2	NNE
11/24/2025 13:17	10.7	14.0	3.3	0.0120	0.0253	0.0133	2.2	NE
11/24/2025 13:18	10.8	14.4	3.7	0.0113	0.0213	0.0100	2.5	NE
11/24/2025 13:19	10.7	14.8	4.1	0.0100	0.0187	0.0087	2.5	ENE
11/24/2025 13:20	10.7	14.8	4.1	0.0073	0.0153	0.0080	2.5	NNE
11/24/2025 13:21	10.6	14.9	4.4	0.0047	0.0127	0.0080	2.5	ENE
11/24/2025 13:22	10.5	15.4	4.9	0.0040	0.0113	0.0073	2.6	NE
11/24/2025 13:23	10.4	16.4	6.0	0.0040	0.0100	0.0060	2.6	ENE
11/24/2025 13:24	10.2	17.2	6.9	0.0047	0.0093	0.0047	2.5	E
11/24/2025 13:25	10.2	17.9	7.7	0.0053	0.0093	0.0040	2.6	NNE
11/24/2025 13:26	10.2	18.2	8.0	0.0060	0.0100	0.0040	2.6	NNE
11/24/2025 13:27	10.2	18.4	8.2	0.0067	0.0100	0.0033	2.6	N
11/24/2025 13:28	10.2	18.8	8.5	0.0073	0.0100	0.0027	2.6	ENE

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed	Wind Direction
11/24/2025 13:29	10.7	18.6	7.9	0.0073	0.0107	0.0033	2.4	SSE
11/24/2025 13:30	10.7	18.5	7.8	0.0073	0.0100	0.0027	2.3	NE
11/24/2025 13:31	10.7	17.9	7.3	0.0073	0.0100	0.0027	2.3	NE
11/24/2025 13:32	10.7	17.9	7.1	0.0067	0.0093	0.0027	2.3	NE
11/24/2025 13:33	10.7	17.4	6.7	0.0053	0.0073	0.0020	2.2	NE
11/24/2025 13:34	10.7	17.3	6.6	0.0040	0.0040	0.0000	2.2	NNE
11/24/2025 13:35	10.7	17.5	6.8	0.0040	0.0020	-0.0020	2.1	ESE
11/24/2025 13:36	10.7	17.6	6.9	0.0040	0.0020	-0.0020	2.0	N
11/24/2025 13:37	10.7	17.0	6.2	0.0040	0.0020	-0.0020	1.9	N
11/24/2025 13:38	10.7	15.8	5.1	0.0033	0.0020	-0.0013	1.9	NE
11/24/2025 13:39	10.7	15.4	4.7	0.0027	0.0013	-0.0013	2.0	NE
11/24/2025 13:40	10.7	15.1	4.4	0.0020	0.0013	-0.0007	1.9	NE
11/24/2025 13:41	10.7	15.6	4.9	0.0013	0.0007	-0.0007	1.9	NE
11/24/2025 13:42	10.7	16.0	5.3	0.0007	0.0007	0.0000	2.0	NNE
11/24/2025 13:43	10.7	16.4	5.7	0.0000	0.0007	0.0007	2.0	NE
11/24/2025 13:44	10.2	17.4	7.2	0.0000	0.0000	0.0000	2.2	NE
11/24/2025 13:45	10.2	17.7	7.6	0.0000	0.0007	0.0007	2.1	NE
11/24/2025 13:46	10.1	18.1	8.0	0.0000	0.0013	0.0013	2.1	ENE
11/24/2025 13:47	10.5	17.7	7.2	0.0027	0.0020	-0.0007	1.9	SE
11/24/2025 13:48	10.4	17.9	7.4	0.0033	0.0040	0.0007	1.8	NE
11/24/2025 13:49	10.4	18.8	8.4	0.0040	0.0040	0.0000	1.8	NE
11/24/2025 13:50	10.4	19.5	9.1	0.0040	0.0040	0.0000	1.8	ENE
11/24/2025 13:51	10.4	19.8	9.4	0.0040	0.0040	0.0000	1.9	NNE
11/24/2025 13:52	10.4	20.3	10.0	0.0040	0.0040	0.0000	2.0	NNE
11/24/2025 13:53	10.5	21.2	10.7	0.0040	0.0040	0.0000	2.1	NE
11/24/2025 13:54	10.6	22.1	11.5	0.0053	0.0040	-0.0013	2.1	NE
11/24/2025 13:55	10.7	22.5	11.8	0.0067	0.0047	-0.0020	2.1	NE
11/24/2025 13:56	10.7	22.5	11.8	0.0073	0.0047	-0.0027	2.1	NE
11/24/2025 13:57	10.6	22.4	11.8	0.0073	0.0053	-0.0020	2.1	N
11/24/2025 13:58	10.6	22.1	11.6	0.0073	0.0060	-0.0013	2.2	NNE
11/24/2025 13:59	10.6	21.9	11.3	0.0073	0.0073	0.0000	2.2	NE

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed	Wind Direction
11/24/2025 14:00	10.7	22.0	11.3	0.0073	0.0073	0.0000	2.2	ENE
11/24/2025 14:01	10.7	22.1	11.4	0.0073	0.0073	0.0000	2.3	NE
11/24/2025 14:02	10.3	22.4	12.1	0.0053	0.0073	0.0020	2.5	NNE
11/24/2025 14:03	10.3	22.3	12.0	0.0053	0.0060	0.0007	2.5	ESE
11/24/2025 14:04	10.3	21.7	11.5	0.0047	0.0067	0.0020	2.3	SE
11/24/2025 14:05	10.3	21.3	11.0	0.0047	0.0067	0.0020	2.4	NE
11/24/2025 14:06	10.3	21.5	11.1	0.0047	0.0067	0.0020	2.3	NNE
11/24/2025 14:07	10.5	21.4	10.9	0.0047	0.0067	0.0020	2.3	NNE
11/24/2025 14:08	9.8	21.0	11.2	0.0047	0.0067	0.0020	2.3	ENE
11/24/2025 14:09	10.3	19.2	8.8	0.0040	0.0067	0.0027	2.2	E
11/24/2025 14:10	10.0	18.8	8.8	0.0027	0.0067	0.0040	2.2	NE
11/24/2025 14:11	9.6	18.3	8.7	0.0020	0.0073	0.0053	2.2	NNE
11/24/2025 14:12	9.1	18.9	9.8	0.0020	0.0067	0.0047	2.2	NNE
11/24/2025 14:13	8.7	20.1	11.4	0.0020	0.0060	0.0040	2.3	ENE
11/24/2025 14:14	8.2	20.5	12.3	0.0027	0.0047	0.0020	2.3	NE
11/24/2025 14:15	7.7	20.6	12.9	0.0033	0.0040	0.0007	2.4	NNE
11/24/2025 14:16	8.4	19.5	11.1	0.0033	0.0033	0.0000	2.3	E
11/24/2025 14:17	7.8	19.9	12.1	0.0027	0.0027	0.0000	2.3	NNE
11/24/2025 14:18	8.6	18.9	10.3	0.0020	0.0020	0.0000	2.2	S
11/24/2025 14:19	8.1	18.9	10.8	0.0020	0.0013	-0.0007	2.3	NE
11/24/2025 14:20	7.6	19.1	11.5	0.0020	0.0013	-0.0007	2.4	NE
11/24/2025 14:21	8.1	17.8	9.7	0.0020	0.0013	-0.0007	2.3	ESE
11/24/2025 14:22	7.4	17.6	10.2	0.0020	0.0013	-0.0007	2.3	ENE
11/24/2025 14:23	7.5	17.3	9.8	0.0020	0.0013	-0.0007	2.2	ENE
11/24/2025 14:24	6.4	18.4	12.0	0.0013	0.0013	0.0000	2.3	ENE
11/24/2025 14:25	6.2	18.4	12.2	0.0013	0.0007	-0.0007	2.3	NNE
11/24/2025 14:26	6.1	18.1	12.0	0.0013	0.0000	-0.0013	2.4	NE
11/24/2025 14:27	6.2	17.4	11.2	0.0013	0.0000	-0.0013	2.4	NE
11/24/2025 14:28	6.9	15.0	8.1	0.0020	0.0007	-0.0013	2.3	E
11/24/2025 14:29	6.8	14.2	7.4	0.0020	0.0007	-0.0013	2.3	ENE
11/24/2025 14:30	6.8	13.6	6.7	0.0020	0.0007	-0.0013	2.3	NE

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed	Wind Direction
11/24/2025 14:31	5.6	14.3	8.8	0.0020	0.0007	-0.0013	2.3	NNE
11/24/2025 14:32	5.6	13.7	8.1	0.0020	0.0007	-0.0013	2.3	NNE
11/24/2025 14:33	5.2	13.7	8.5	0.0020	0.0007	-0.0013	2.5	ENE
11/24/2025 14:34	5.2	13.4	8.2	0.0027	0.0007	-0.0020	2.4	NNE
11/24/2025 14:35	5.4	12.9	7.4	0.0033	0.0007	-0.0027	2.4	NNE
11/24/2025 14:36	4.4	13.8	9.4	0.0040	0.0007	-0.0033	2.4	NNE
11/24/2025 14:37	5.0	12.9	8.0	0.0040	0.0007	-0.0033	2.4	ENE
11/24/2025 14:38	4.9	12.7	7.8	0.0040	0.0007	-0.0033	2.4	NE
11/24/2025 14:39	4.8	12.1	7.3	0.0040	0.0007	-0.0033	2.4	NE
11/24/2025 14:40	4.7	11.6	6.9	0.0040	0.0007	-0.0033	2.4	NE
11/24/2025 14:41	4.7	11.5	6.8	0.0040	0.0007	-0.0033	2.3	NE
11/24/2025 14:42	4.6	10.9	6.3	0.0040	0.0007	-0.0033	2.3	N
11/24/2025 14:43	3.8	11.5	7.6	0.0033	0.0000	-0.0033	2.4	NE
11/24/2025 14:44	3.8	11.1	7.3	0.0027	0.0007	-0.0020	2.5	NNE
11/24/2025 14:45	4.4	10.3	5.9	0.0027	0.0007	-0.0020	2.4	ENE
11/24/2025 14:46	4.4	10.1	5.7	0.0027	0.0007	-0.0020	2.5	NE
11/24/2025 14:47	4.4	10.0	5.6	0.0027	0.0007	-0.0020	2.6	NE
11/24/2025 14:48	3.6	10.7	7.1	0.0027	0.0007	-0.0020	2.7	NE
11/24/2025 14:49	3.6	10.5	6.9	0.0020	0.0007	-0.0013	2.8	N
11/24/2025 14:50	3.4	10.3	6.8	0.0013	0.0007	-0.0007	2.9	NE
11/24/2025 14:51	3.4	9.9	6.5	0.0013	0.0007	-0.0007	2.9	NE
11/24/2025 14:52	3.0	10.4	7.4	0.0020	0.0007	-0.0013	3.0	NNE
11/24/2025 14:53	3.1	10.3	7.3	0.0027	0.0007	-0.0020	3.0	NE
11/24/2025 14:54	3.7	10.0	6.3	0.0027	0.0013	-0.0013	2.9	E
11/24/2025 14:55	4.4	9.6	5.1	0.0027	0.0013	-0.0013	2.9	ENE
11/24/2025 14:56	4.5	9.5	5.0	0.0027	0.0013	-0.0013	2.9	NE
11/24/2025 14:57	5.0	8.9	3.9	0.0027	0.0013	-0.0013	2.7	E
11/24/2025 14:58	5.0	8.6	3.7	0.0027	0.0013	-0.0013	2.7	NNE
11/24/2025 14:59	5.0	8.5	3.5	0.0027	0.0007	-0.0020	2.6	NE
11/24/2025 15:00	5.1	8.9	3.8	0.0020	0.0007	-0.0013	2.6	ENE
11/24/2025 15:01	5.4	8.9	3.6	0.0020	0.0007	-0.0013	2.4	ENE

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed	Wind Direction
11/24/2025 15:02	6.0	8.4	2.4	0.0020	0.0007	-0.0013	2.3	ESE
11/24/2025 15:03	6.5	7.7	1.2	0.0020	0.0007	-0.0013	2.1	E
11/24/2025 15:04	6.6	7.6	1.0	0.0020	0.0007	-0.0013	2.1	NNE
11/24/2025 15:05	6.9	7.5	0.5	0.0020	0.0007	-0.0013	2.0	NE
11/24/2025 15:06	7.5	7.0	-0.6	0.0013	0.0007	-0.0007	2.0	ENE
11/24/2025 15:07	7.4	7.0	-0.4	0.0007	0.0007	0.0000	1.9	N
11/24/2025 15:08	7.8	6.5	-1.4	0.0007	0.0007	0.0000	1.9	ENE
11/24/2025 15:09	7.2	6.8	-0.4	0.0007	0.0000	-0.0007	1.9	NNE
11/24/2025 15:10	6.4	7.3	0.9	0.0007	0.0000	-0.0007	1.9	NNE
11/24/2025 15:11	7.1	6.7	-0.4	0.0007	0.0000	-0.0007	1.9	ENE
11/24/2025 15:12	6.7	7.2	0.6	0.0007	0.0000	-0.0007	1.9	NNE
11/24/2025 15:13	6.6	7.5	0.9	0.0007	0.0000	-0.0007	1.9	NNE
11/24/2025 15:14	7.2	7.0	-0.2	0.0007	0.0000	-0.0007	1.9	E
11/24/2025 15:15	6.6	7.3	0.7	0.0007	0.0000	-0.0007	1.9	NNE
11/24/2025 15:16	6.2	7.3	1.1	0.0007	0.0000	-0.0007	1.9	NNE
11/24/2025 15:17	5.5	8.0	2.5	0.0007	0.0000	-0.0007	2.0	NE
11/24/2025 15:18	5.1	8.7	3.7	0.0007	0.0000	-0.0007	2.0	NNE
11/24/2025 15:19	5.0	9.0	4.0	0.0013	0.0000	-0.0013	2.1	NE
11/24/2025 15:20	4.6	9.3	4.7	0.0020	0.0007	-0.0013	2.1	N
11/24/2025 15:21	3.9	10.4	6.5	0.0027	0.0013	-0.0013	2.2	NE
11/24/2025 15:22	3.9	10.6	6.7	0.0033	0.0020	-0.0013	2.2	NNE
11/24/2025 15:23	3.4	11.2	7.8	0.0033	0.0027	-0.0007	2.3	NNE
11/24/2025 15:24	3.6	11.7	8.2	0.0040	0.0033	-0.0007	2.3	NE
11/24/2025 15:25	4.6	11.3	6.7	0.0053	0.0040	-0.0013	2.3	ENE
11/24/2025 15:26	3.8	11.9	8.1	0.0053	0.0047	-0.0007	2.3	NE
11/24/2025 15:27	3.8	11.9	8.0	0.0053	0.0047	-0.0007	2.3	NNE
11/24/2025 15:28	3.9	12.0	8.1	0.0053	0.0047	-0.0007	2.3	NE
11/24/2025 15:29	3.3	12.6	9.3	0.0060	0.0047	-0.0013	2.4	NE
11/24/2025 15:30	3.9	12.0	8.1	0.0060	0.0047	-0.0013	2.4	ENE
11/24/2025 15:31	3.9	12.0	8.0	0.0060	0.0047	-0.0013	2.4	NE
11/24/2025 15:32	3.9	11.8	7.9	0.0060	0.0047	-0.0013	2.5	NNE

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed	Wind Direction
11/24/2025 15:33	3.9	11.8	7.9	0.0060	0.0047	-0.0013	2.4	NNE
11/24/2025 15:34	3.8	11.5	7.7	0.0053	0.0047	-0.0007	2.4	NNE
11/24/2025 15:35	3.8	11.1	7.3	0.0047	0.0040	-0.0007	2.4	NE
11/24/2025 15:36	3.8	10.4	6.6	0.0040	0.0040	0.0000	2.4	NNE
11/24/2025 15:37	3.7	10.1	6.4	0.0033	0.0040	0.0007	2.4	NE
11/24/2025 15:38	3.7	9.9	6.2	0.0027	0.0040	0.0013	2.3	NNE
11/24/2025 15:39	3.5	9.2	5.7	0.0020	0.0040	0.0020	2.3	NNE
11/24/2025 15:40	2.5	9.5	7.0	0.0013	0.0040	0.0027	2.3	NE
11/24/2025 15:41	2.5	9.3	6.8	0.0020	0.0040	0.0020	2.3	NE
11/24/2025 15:42	2.4	9.1	6.7	0.0027	0.0047	0.0020	2.3	NE
11/24/2025 15:43	2.5	8.8	6.3	0.0027	0.0053	0.0027	2.3	NE
11/24/2025 15:44	2.5	8.6	6.1	0.0020	0.0060	0.0040	2.3	NE
11/24/2025 15:45	1.9	9.1	7.2	0.0027	0.0067	0.0040	2.3	NNE
11/24/2025 15:46	1.9	8.8	7.0	0.0033	0.0073	0.0040	2.3	NE
11/24/2025 15:47	1.9	8.7	6.8	0.0040	0.0080	0.0040	2.3	NE
11/24/2025 15:48	1.9	8.4	6.5	0.0047	0.0087	0.0040	2.3	N
11/24/2025 15:49	1.8	8.2	6.4	0.0053	0.0087	0.0033	2.1	N
11/24/2025 15:50	1.9	8.2	6.3	0.0053	0.0087	0.0033	2.1	NNE
11/24/2025 15:51	1.9	8.2	6.3	0.0053	0.0080	0.0027	2.0	NNE
11/24/2025 15:52	1.9	8.2	6.2	0.0053	0.0073	0.0020	1.9	NNE
11/24/2025 15:53	2.4	7.8	5.5	0.0053	0.0067	0.0013	1.8	ESE
11/24/2025 15:54	2.6	7.8	5.2	0.0053	0.0060	0.0007	1.8	NNE
11/24/2025 15:55	2.6	7.7	5.1	0.0047	0.0053	0.0007	1.7	NNE
11/24/2025 15:56	3.1	7.3	4.2	0.0040	0.0047	0.0007	1.6	ESE
11/24/2025 15:57	3.5	6.8	3.3	0.0033	0.0040	0.0007	1.5	ENE
11/24/2025 15:58							1.4	ENE
11/24/2025 15:59							1.2	NNE
11/24/2025 16:00							1.1	SSE

LANGAN

SITE OBSERVATION REPORT

CLIENT:	Queens Development Group, LLC	**DATE:**	Tuesday, November 25, 2025
PROJECT No.:	170197650	**WEATHER:**	Sunny, 50's°F
PROJECT:	Willets Point Development Phase 1 Senior Housing	**TIME:**	6:45 AM – 2:00 PM
LOCATION:	Queens, New York	**BCP SITE ID:**	C241146B

EQUIPMENT:
Hand tools
Geoprobe Drill Rig 7822 DT

PRESENT AT SITE:
Langan: Shawn Martin and Max Ringold
AARCO Environmental Services Inc. (AARCO)

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan documented the following activities in accordance with the June 24, 2024 New York State Department of Environmental Conservation (NYSDEC)-approved Site Management Plan (SMP) for Willets Point Development Phase 1 Senior Housing.

Site Activities

- AARCO advanced 9 soil borings within the proposed footprint of Building 3 for waste characterization soil sampling.
- Triumph graded an about 20-foot-long by 10-foot-wide area in the central part of the site with clean fill to create an access ramp.

Sampling

- The following soil samples were collected and relinquished to Pace Analytical Laboratories, Inc. (Pace), a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified laboratory (ELAP No. 11148), under standard chain-of-custody protocols for analysis of Part 375/Target Compound List (TCL) semivolatile organic compounds (SVOC), pesticides, herbicides, polychlorinated biphenyls (PCB), Part 375/Target Analyte List (TAL) metals (including hexavalent & trivalent chromium), total cyanide, toxicity characteristic leaching procedure (TCLP) metals, and New Jersey Department of Environmental Protection (NJDEP) Extractable Petroleum Hydrocarbons (EPH) to facilitate future off-site disposal of soil during redevelopment:
    - WC01_COMP_0-5
    - WC01_COMP_5-10
    - WC01_COMP_10-15
    - WC02_COMP_0-5
    - WC02_COMP_5-10
- The following soil samples were submitted to Pace under standard chain-of-custody protocols for analysis of Part 375/TCL volatile organic compounds (VOC) to facilitate future off-site disposal of soil during redevelopment:
    - WC01A_GRAB_4-5
    - WC01C_GRAB_8-9
    - WC02D_GRAB_4-5
    - WC02B_GRAB_5-6
    - WC02B_GRAB_12-13
- One duplicate sample (WCDUP_GRAB_112525) was collected and submitted for quality assurance/quality control (QA/QC) purposes to Pace under standard chain-of-custody protocols for analysis of Part 375/TCL VOCs.

Community Air Monitoring Plan Activities

- Langan performed community air monitoring at the perimeter of the site and BCP Site No. C241146E at three locations which included air monitoring for particulate matter smaller than 10 microns in diameter (PM10) and volatile organic compounds (VOC). PM10 and VOC concentrations did not exceed the action levels established in the site Community Air Monitoring Program (CAMP).
    - No fugitive dust or odors associated with ground-intrusive site activities were observed migrating off-site.
    - Refer to the Daily Air Monitoring Report attached to this Site Observation Report.

Material Tracking

- No soil/fill was imported to the site.
- No soil/fill was exported from the site.

Anticipated Activities

- None.

Photographs

Photo 1: AARCO advancing soil borings (facing west)

Photo 2: View of soil samples from soil boring WC01A (facing down)

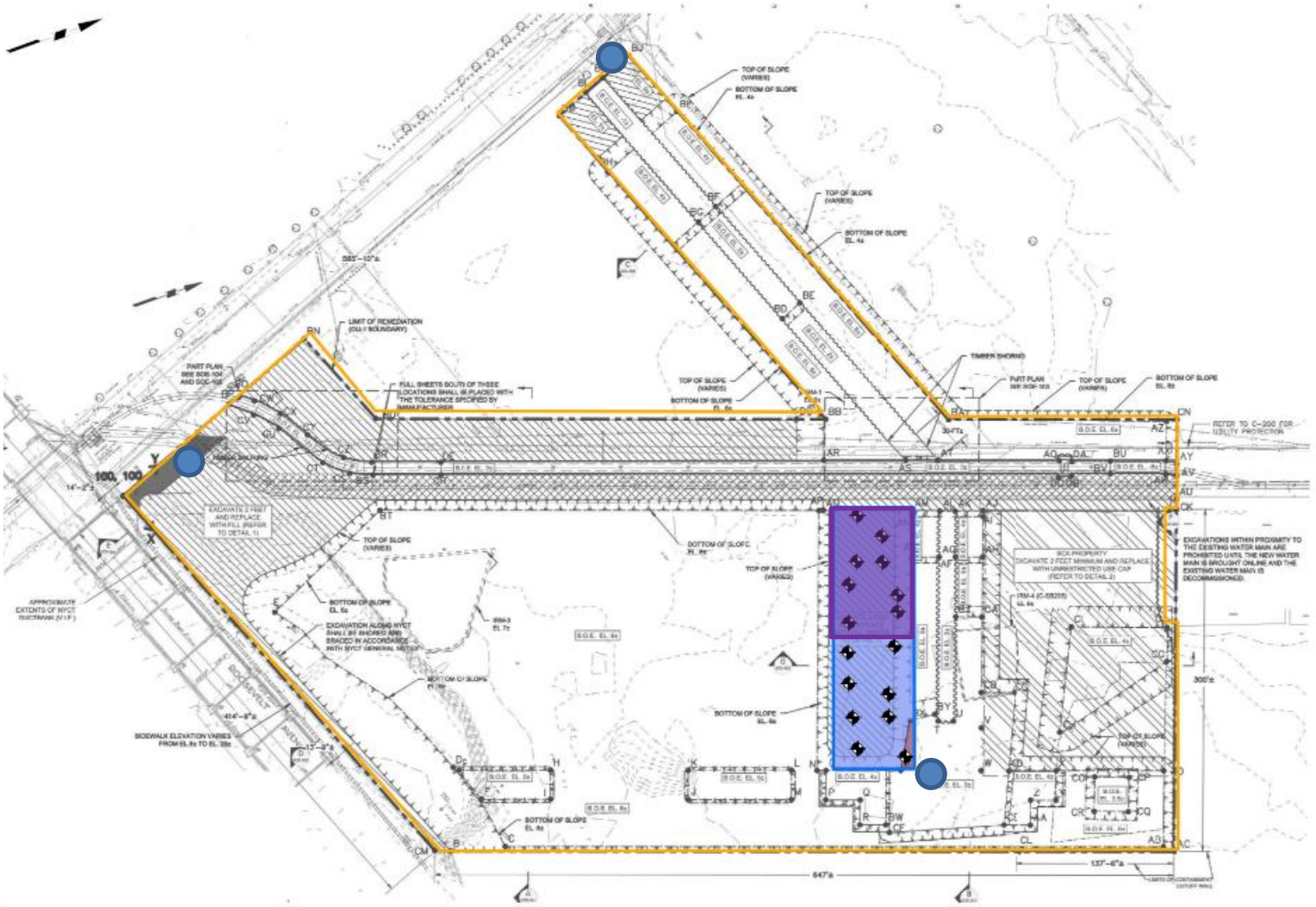
Figure 1 – Site Map

LEGEND:

Soil Boring Location

CAMP Station Location

Soil Disturbance Area

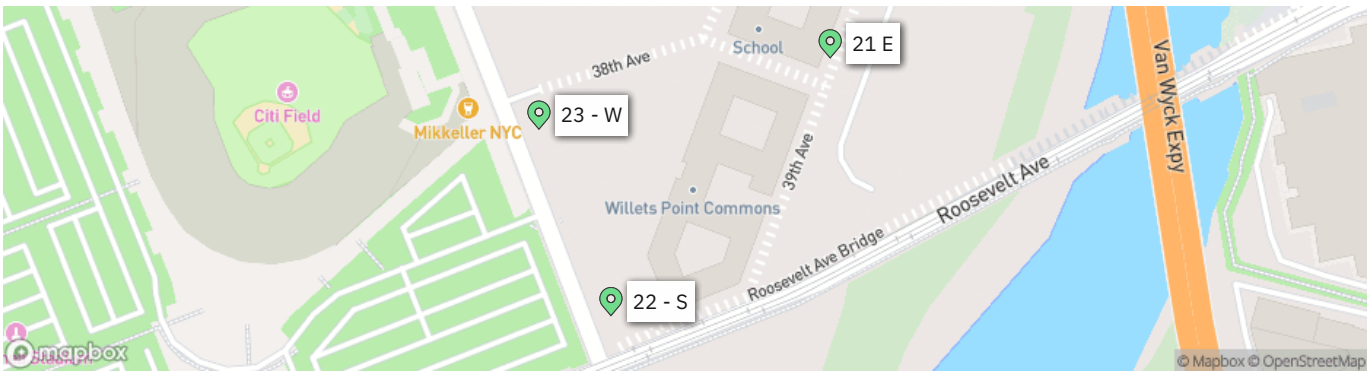


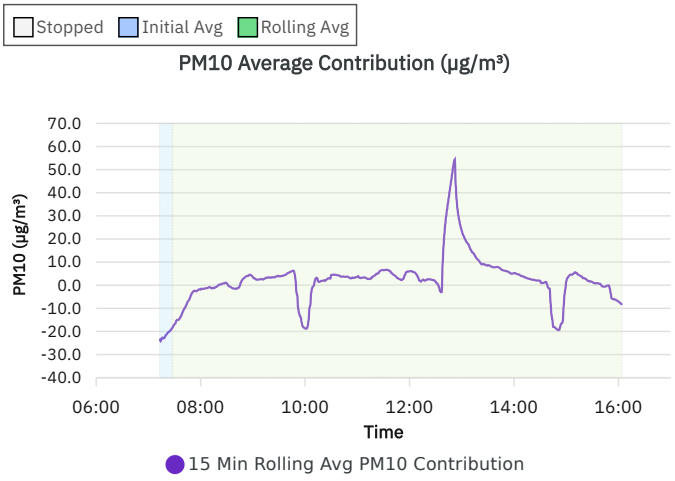
cc: Project Team	By:	Shawn Martin and Max Ringold
		Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

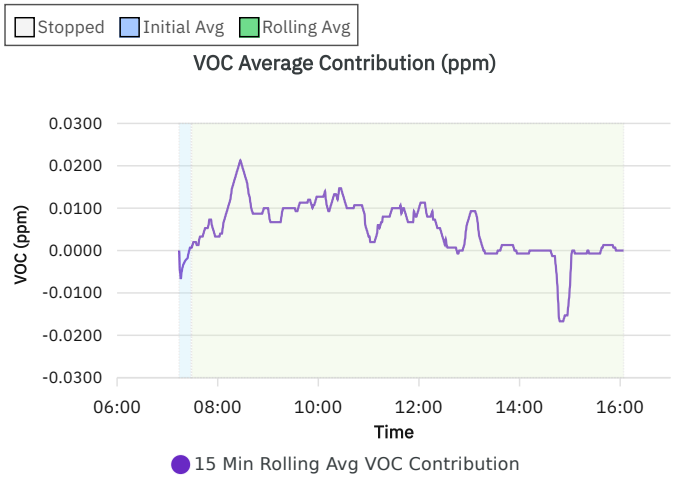
LANGAN	Willets OSTR Report	170197645 - Willets Point OSTR	
		Report Period	
		From:	11/25/2025 06:00
		To:	11/25/2025 17:00
		PM10 Action Level:	150 µg/m³
		VOC Action Level:	5 ppm

Daily Environmental Summary	Temp (°F)	Relative Humidity (%)	Barometer (inHg)	Wind Speed (mph)	Prevailing Wind Direction
11/25/2025	-	-	-	1.3 - 5.8	SSE

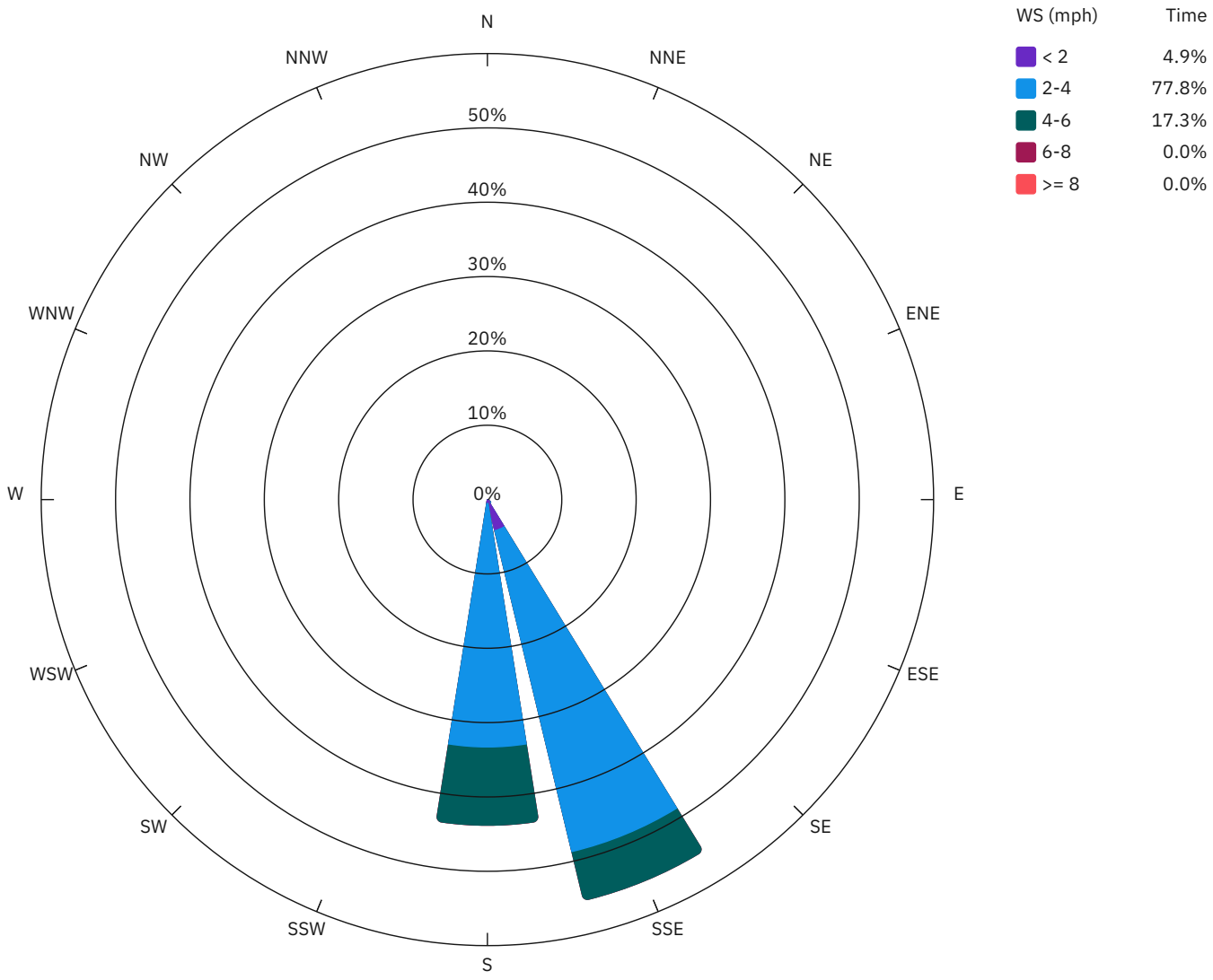
Daily Monitoring Summary	PM10 (µg/m³)	Time	VOC (ppm)	Time
Min Contribution (15 min avg.) - 11/25/2025	-24.2	07:14	-0.0167	14:48
Max Contribution (15 min avg.) - 11/25/2025	54.4	12:52	0.0213	08:27
Daily Avg. Contribution (15 min avg.) - 11/25/2025	2.1	-	0.0049	-







Wind rose (mph)



DER-10 Summary: 15 Min Rolling Avg Data

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed	Wind Direction
11/25/2025 07:13	29.3	6.2	-23.1				4.8	S
11/25/2025 07:14	30.4	6.3	-24.2	0.0000	0.0000	0.0000	4.1	S
11/25/2025 07:15	29.5	6.2	-23.3	0.0050	0.0000	-0.0050	3.8	S
11/25/2025 07:16	28.7	6.0	-22.7	0.0067	0.0000	-0.0067	3.7	S
11/25/2025 07:17	28.8	5.8	-23.0	0.0075	0.0025	-0.0050	3.5	SSE
11/25/2025 07:18	28.5	5.6	-22.9	0.0080	0.0040	-0.0040	3.4	SSE
11/25/2025 07:19	27.8	5.5	-22.3	0.0083	0.0050	-0.0033	3.3	S
11/25/2025 07:20	27.1	5.4	-21.6	0.0086	0.0057	-0.0029	3.2	S
11/25/2025 07:21	26.5	5.4	-21.2	0.0088	0.0062	-0.0025	3.2	SSE
11/25/2025 07:22	26.0	5.3	-20.7	0.0089	0.0067	-0.0022	3.3	SSE
11/25/2025 07:23	25.5	5.2	-20.3	0.0090	0.0070	-0.0020	3.3	S
11/25/2025 07:24	25.2	5.2	-20.0	0.0091	0.0073	-0.0018	3.2	SSE
11/25/2025 07:25	24.8	5.1	-19.7	0.0083	0.0075	-0.0008	3.2	S
11/25/2025 07:26	24.5	5.3	-19.2	0.0077	0.0077	0.0000	3.2	SSE
11/25/2025 07:27	24.0	5.4	-18.7	0.0071	0.0079	0.0007	3.2	SSE
11/25/2025 07:28	23.4	5.3	-18.1	0.0073	0.0080	0.0007	3.1	SSE
11/25/2025 07:29	22.5	5.2	-17.4	0.0080	0.0087	0.0007	3.1	SSE
11/25/2025 07:30	22.0	5.1	-16.9	0.0080	0.0093	0.0013	3.1	S
11/25/2025 07:31	21.5	5.1	-16.5	0.0080	0.0100	0.0020	3.1	SSE
11/25/2025 07:32	21.3	5.9	-15.4	0.0080	0.0100	0.0020	3.0	SSE
11/25/2025 07:33	21.5	6.5	-15.0	0.0080	0.0100	0.0020	3.1	SSE
11/25/2025 07:34	21.5	6.5	-15.0	0.0080	0.0100	0.0020	3.1	SSE
11/25/2025 07:35	21.3	6.4	-14.9	0.0080	0.0093	0.0013	3.1	SSE
11/25/2025 07:36	21.2	6.9	-14.3	0.0073	0.0087	0.0013	3.0	SSE
11/25/2025 07:37	21.1	7.5	-13.7	0.0067	0.0080	0.0013	3.0	SSE
11/25/2025 07:38	20.9	8.0	-12.9	0.0060	0.0087	0.0027	2.9	SSE
11/25/2025 07:39	20.4	8.5	-11.9	0.0060	0.0093	0.0033	3.0	S
11/25/2025 07:40	20.0	9.0	-11.0	0.0067	0.0100	0.0033	3.0	SSE
11/25/2025 07:41	19.6	9.3	-10.3	0.0073	0.0107	0.0033	3.0	S
11/25/2025 07:42	19.5	9.8	-9.7	0.0080	0.0113	0.0033	3.0	SSE
11/25/2025 07:43	19.3	10.4	-9.0	0.0080	0.0120	0.0040	3.0	SSE

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed	Wind Direction
11/25/2025 07:44	19.1	11.0	-8.2	0.0080	0.0127	0.0047	3.1	SSE
11/25/2025 07:45	18.7	11.6	-7.2	0.0080	0.0133	0.0053	3.0	S
11/25/2025 07:46	18.7	12.0	-6.7	0.0080	0.0133	0.0053	3.1	SSE
11/25/2025 07:47	17.9	11.7	-6.2	0.0080	0.0133	0.0053	3.1	SSE
11/25/2025 07:48	16.8	11.6	-5.2	0.0080	0.0133	0.0053	3.2	S
11/25/2025 07:49	16.4	12.2	-4.2	0.0073	0.0133	0.0060	3.2	S
11/25/2025 07:50	16.1	12.7	-3.4	0.0067	0.0140	0.0073	3.3	SSE
11/25/2025 07:51	15.7	12.8	-3.0	0.0073	0.0147	0.0073	3.3	SSE
11/25/2025 07:52	15.4	12.8	-2.5	0.0080	0.0153	0.0073	3.4	SSE
11/25/2025 07:53	15.2	12.9	-2.4	0.0087	0.0147	0.0060	3.5	SSE
11/25/2025 07:54	15.3	12.9	-2.5	0.0087	0.0140	0.0053	3.5	SSE
11/25/2025 07:55	15.4	12.9	-2.6	0.0087	0.0133	0.0047	3.6	SSE
11/25/2025 07:56	15.3	12.9	-2.4	0.0087	0.0127	0.0040	3.5	SSE
11/25/2025 07:57	15.1	13.0	-2.1	0.0087	0.0120	0.0033	3.5	SSE
11/25/2025 07:58	14.8	13.0	-1.8	0.0087	0.0120	0.0033	3.5	SSE
11/25/2025 07:59	14.9	13.1	-1.8	0.0087	0.0120	0.0033	3.5	SSE
11/25/2025 08:00	15.0	13.1	-1.9	0.0087	0.0120	0.0033	3.5	SSE
11/25/2025 08:01	14.6	13.2	-1.5	0.0087	0.0120	0.0033	3.4	SSE
11/25/2025 08:02	14.8	13.2	-1.6	0.0087	0.0120	0.0033	3.4	SSE
11/25/2025 08:03	14.9	13.3	-1.6	0.0087	0.0127	0.0040	3.3	SSE
11/25/2025 08:04	14.8	13.4	-1.5	0.0093	0.0133	0.0040	3.3	SSE
11/25/2025 08:05	14.9	13.5	-1.4	0.0100	0.0140	0.0040	3.2	SSE
11/25/2025 08:06	14.8	13.5	-1.3	0.0100	0.0153	0.0053	3.1	SSE
11/25/2025 08:07	14.8	13.5	-1.3	0.0100	0.0167	0.0067	3.0	S
11/25/2025 08:08	14.7	13.6	-1.2	0.0100	0.0173	0.0073	2.9	S
11/25/2025 08:09	14.8	13.8	-1.0	0.0100	0.0180	0.0080	2.9	SSE
11/25/2025 08:10	14.8	14.0	-0.8	0.0100	0.0187	0.0087	2.8	SSE
11/25/2025 08:11	14.9	14.0	-0.9	0.0100	0.0193	0.0093	2.8	SSE
11/25/2025 08:12	15.2	14.0	-1.2	0.0100	0.0200	0.0100	2.8	SSE
11/25/2025 08:13	15.4	14.0	-1.4	0.0093	0.0200	0.0107	2.8	SSE
11/25/2025 08:14	15.4	14.2	-1.2	0.0087	0.0200	0.0113	2.8	SSE

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed	Wind Direction
11/25/2025 08:15	15.4	14.3	-1.1	0.0080	0.0200	0.0120	2.8	SSE
11/25/2025 08:16	15.5	14.4	-1.2	0.0073	0.0207	0.0133	2.9	SSE
11/25/2025 08:17	15.4	14.5	-0.9	0.0067	0.0213	0.0147	2.9	S
11/25/2025 08:18	15.3	14.6	-0.7	0.0060	0.0213	0.0153	2.9	SSE
11/25/2025 08:19	15.2	14.7	-0.5	0.0053	0.0213	0.0160	3.0	SSE
11/25/2025 08:20	14.9	14.9	-0.1	0.0047	0.0213	0.0167	3.1	S
11/25/2025 08:21	14.9	15.1	0.2	0.0040	0.0213	0.0173	3.1	S
11/25/2025 08:22	14.9	15.2	0.3	0.0033	0.0213	0.0180	3.2	SSE
11/25/2025 08:23	15.0	15.3	0.3	0.0027	0.0213	0.0187	3.2	S
11/25/2025 08:24	14.7	15.2	0.5	0.0020	0.0213	0.0193	3.2	S
11/25/2025 08:25	14.5	15.2	0.7	0.0013	0.0213	0.0200	3.4	SSE
11/25/2025 08:26	14.5	15.2	0.8	0.0007	0.0213	0.0207	3.6	SSE
11/25/2025 08:27	14.5	15.2	0.8	0.0000	0.0213	0.0213	3.6	S
11/25/2025 08:28	14.2	15.2	1.0	0.0000	0.0207	0.0207	3.7	S
11/25/2025 08:29	14.0	15.2	1.1	0.0000	0.0200	0.0200	3.8	SSE
11/25/2025 08:30	14.3	15.1	0.8	0.0000	0.0193	0.0193	3.9	S
11/25/2025 08:31	14.7	15.1	0.4	0.0000	0.0187	0.0187	3.9	SSE
11/25/2025 08:32	15.2	15.0	-0.3	0.0000	0.0180	0.0180	4.0	SSE
11/25/2025 08:33	15.4	14.9	-0.5	0.0000	0.0173	0.0173	4.1	SSE
11/25/2025 08:34	15.4	14.8	-0.7	0.0000	0.0167	0.0167	4.1	SSE
11/25/2025 08:35	15.6	14.7	-0.9	0.0000	0.0160	0.0160	4.2	S
11/25/2025 08:36	15.7	14.5	-1.2	0.0000	0.0147	0.0147	4.3	SSE
11/25/2025 08:37	15.8	14.4	-1.4	0.0000	0.0133	0.0133	4.3	SSE
11/25/2025 08:38	15.7	14.4	-1.4	0.0000	0.0127	0.0127	4.3	SSE
11/25/2025 08:39	15.9	14.4	-1.5	0.0007	0.0120	0.0113	4.3	SSE
11/25/2025 08:40	15.9	14.5	-1.5	0.0013	0.0113	0.0100	4.2	SSE
11/25/2025 08:41	16.2	14.6	-1.6	0.0013	0.0107	0.0093	4.0	SSE
11/25/2025 08:42	16.2	14.8	-1.3	0.0013	0.0100	0.0087	4.1	SSE
11/25/2025 08:43	16.3	15.0	-1.2	0.0013	0.0100	0.0087	4.0	S
11/25/2025 08:44	16.2	15.2	-1.0	0.0013	0.0100	0.0087	3.9	S
11/25/2025 08:45	15.8	15.6	-0.2	0.0013	0.0100	0.0087	3.9	SSE

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed	Wind Direction
11/25/2025 08:46	15.1	16.1	1.0	0.0013	0.0100	0.0087	3.9	SSE
11/25/2025 08:47	14.5	16.3	1.8	0.0013	0.0100	0.0087	3.8	SSE
11/25/2025 08:48	14.2	16.6	2.4	0.0013	0.0100	0.0087	3.7	SSE
11/25/2025 08:49	14.0	16.9	2.9	0.0013	0.0100	0.0087	3.8	S
11/25/2025 08:50	13.9	17.1	3.1	0.0013	0.0100	0.0087	3.8	S
11/25/2025 08:51	13.7	17.3	3.5	0.0013	0.0100	0.0087	3.7	SSE
11/25/2025 08:52	13.8	17.5	3.8	0.0013	0.0100	0.0087	3.8	SSE
11/25/2025 08:53	13.8	17.6	3.9	0.0013	0.0100	0.0087	3.7	SSE
11/25/2025 08:54	13.6	17.7	4.1	0.0007	0.0100	0.0093	3.7	S
11/25/2025 08:55	13.5	17.7	4.1	0.0000	0.0100	0.0100	3.7	SSE
11/25/2025 08:56	13.2	17.7	4.5	0.0000	0.0100	0.0100	3.7	S
11/25/2025 08:57	13.1	17.6	4.5	0.0000	0.0100	0.0100	3.7	SSE
11/25/2025 08:58	13.1	17.4	4.3	0.0000	0.0100	0.0100	3.7	S
11/25/2025 08:59	13.2	17.2	4.0	0.0000	0.0100	0.0100	3.7	S
11/25/2025 09:00	13.3	16.8	3.5	0.0000	0.0100	0.0100	3.7	SSE
11/25/2025 09:01	13.3	16.3	3.0	0.0013	0.0100	0.0087	3.6	S
11/25/2025 09:02	13.1	16.1	3.0	0.0027	0.0100	0.0073	3.5	SSE
11/25/2025 09:03	13.2	15.9	2.7	0.0033	0.0100	0.0067	3.5	S
11/25/2025 09:04	13.1	15.6	2.4	0.0033	0.0100	0.0067	3.5	SSE
11/25/2025 09:05	13.1	15.5	2.4	0.0033	0.0100	0.0067	3.5	S
11/25/2025 09:06	13.0	15.4	2.4	0.0033	0.0100	0.0067	3.5	SSE
11/25/2025 09:07	12.8	15.2	2.5	0.0033	0.0100	0.0067	3.5	SSE
11/25/2025 09:08	12.4	15.1	2.6	0.0033	0.0100	0.0067	3.6	S
11/25/2025 09:09	12.2	14.9	2.6	0.0033	0.0100	0.0067	3.6	SSE
11/25/2025 09:10	12.1	14.7	2.7	0.0033	0.0100	0.0067	3.6	SSE
11/25/2025 09:11	12.0	14.6	2.5	0.0033	0.0100	0.0067	3.6	SSE
11/25/2025 09:12	11.9	14.4	2.5	0.0033	0.0100	0.0067	3.5	SSE
11/25/2025 09:13	11.6	14.4	2.8	0.0033	0.0100	0.0067	3.6	SSE
11/25/2025 09:14	11.4	14.3	2.9	0.0033	0.0100	0.0067	3.6	S
11/25/2025 09:15	11.1	14.3	3.2	0.0033	0.0100	0.0067	3.7	SSE
11/25/2025 09:16	11.0	14.3	3.3	0.0020	0.0100	0.0080	3.7	S

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed	Wind Direction
11/25/2025 09:17	11.0	14.2	3.2	0.0007	0.0100	0.0093	3.7	SSE
11/25/2025 09:18	10.7	14.1	3.4	0.0000	0.0100	0.0100	3.6	SSE
11/25/2025 09:19	10.6	14.0	3.4	0.0000	0.0100	0.0100	3.6	SSE
11/25/2025 09:20	10.4	13.7	3.2	0.0000	0.0100	0.0100	3.5	SSE
11/25/2025 09:21	10.4	13.7	3.3	0.0000	0.0100	0.0100	3.5	S
11/25/2025 09:22	10.3	13.8	3.5	0.0000	0.0100	0.0100	3.6	S
11/25/2025 09:23	10.4	13.8	3.4	0.0000	0.0100	0.0100	3.7	SSE
11/25/2025 09:24	10.4	13.8	3.4	0.0000	0.0100	0.0100	3.8	SSE
11/25/2025 09:25	10.3	13.7	3.4	0.0000	0.0100	0.0100	3.8	S
11/25/2025 09:26	10.0	13.7	3.7	0.0000	0.0100	0.0100	3.9	S
11/25/2025 09:27	9.9	13.7	3.8	0.0000	0.0100	0.0100	3.9	S
11/25/2025 09:28	9.8	13.6	3.8	0.0000	0.0100	0.0100	3.8	SSE
11/25/2025 09:29	9.7	13.7	4.1	0.0000	0.0100	0.0100	3.8	SSE
11/25/2025 09:30	9.8	13.7	3.9	0.0000	0.0100	0.0100	3.8	SSE
11/25/2025 09:31	9.9	13.7	3.8	0.0000	0.0100	0.0100	3.8	S
11/25/2025 09:32	9.9	13.8	3.9	0.0000	0.0100	0.0100	3.9	S
11/25/2025 09:33	10.0	13.9	4.0	0.0007	0.0100	0.0093	4.0	SSE
11/25/2025 09:34	10.0	14.0	4.0	0.0007	0.0100	0.0093	4.1	SSE
11/25/2025 09:35	10.0	14.2	4.2	0.0007	0.0100	0.0093	4.1	S
11/25/2025 09:36	9.9	14.1	4.3	0.0007	0.0107	0.0100	4.1	SSE
11/25/2025 09:37	9.8	14.2	4.4	0.0007	0.0113	0.0107	4.0	SSE
11/25/2025 09:38	9.7	14.3	4.6	0.0007	0.0120	0.0113	3.9	SSE
11/25/2025 09:39	9.5	14.5	5.0	0.0007	0.0120	0.0113	3.9	SSE
11/25/2025 09:40	9.5	14.7	5.2	0.0007	0.0120	0.0113	3.9	S
11/25/2025 09:41	9.5	14.9	5.4	0.0007	0.0120	0.0113	3.9	S
11/25/2025 09:42	9.5	15.0	5.5	0.0007	0.0120	0.0113	3.8	SSE
11/25/2025 09:43	9.4	15.2	5.8	0.0007	0.0120	0.0113	3.8	S
11/25/2025 09:44	9.3	15.2	5.9	0.0007	0.0120	0.0113	3.8	S
11/25/2025 09:45	9.1	15.3	6.1	0.0007	0.0120	0.0113	3.8	SSE
11/25/2025 09:46	8.9	15.2	6.3	0.0007	0.0120	0.0113	3.7	SSE
11/25/2025 09:47	8.9	15.1	6.2	0.0007	0.0120	0.0113	3.6	SSE

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed	Wind Direction
11/25/2025 09:48	10.2	15.1	4.9	0.0000	0.0120	0.0120	3.5	SSE
11/25/2025 09:49	13.0	15.3	2.3	0.0000	0.0120	0.0120	3.3	SSE
11/25/2025 09:50	18.2	15.2	-3.0	0.0000	0.0120	0.0120	3.2	SSE
11/25/2025 09:51	19.6	15.2	-4.4	0.0000	0.0113	0.0113	3.1	S
11/25/2025 09:52	25.1	15.1	-10.0	0.0000	0.0107	0.0107	3.0	SSE
11/25/2025 09:53	27.0	15.1	-12.0	0.0000	0.0100	0.0100	2.9	S
11/25/2025 09:54	28.2	15.0	-13.2	0.0000	0.0107	0.0107	2.8	SSE
11/25/2025 09:55	28.9	15.0	-13.9	0.0000	0.0107	0.0107	2.7	S
11/25/2025 09:56	30.9	14.8	-16.1	0.0000	0.0113	0.0113	2.6	S
11/25/2025 09:57	32.4	14.8	-17.6	0.0000	0.0120	0.0120	2.7	SSE
11/25/2025 09:58	32.8	14.6	-18.2	0.0000	0.0127	0.0127	2.6	S
11/25/2025 09:59	33.0	14.5	-18.4	0.0000	0.0127	0.0127	2.6	S
11/25/2025 10:00	33.1	14.4	-18.7	0.0000	0.0127	0.0127	2.6	SSE
11/25/2025 10:01	33.2	14.4	-18.8	0.0000	0.0127	0.0127	2.6	S
11/25/2025 10:02	33.1	14.4	-18.7	0.0000	0.0127	0.0127	2.5	SSE
11/25/2025 10:03	32.0	14.3	-17.7	0.0000	0.0127	0.0127	2.6	S
11/25/2025 10:04	29.4	14.2	-15.2	0.0000	0.0127	0.0127	2.7	SSE
11/25/2025 10:05	24.1	14.2	-9.9	0.0000	0.0127	0.0127	2.8	SSE
11/25/2025 10:06	22.8	14.2	-8.6	0.0000	0.0127	0.0127	2.8	S
11/25/2025 10:07	17.3	14.1	-3.2	0.0000	0.0133	0.0133	2.8	SSE
11/25/2025 10:08	15.3	14.0	-1.3	0.0000	0.0140	0.0140	2.9	SSE
11/25/2025 10:09	14.5	13.9	-0.6	0.0013	0.0133	0.0120	2.9	S
11/25/2025 10:10	14.0	13.7	-0.2	0.0027	0.0133	0.0107	2.9	SSE
11/25/2025 10:11	12.0	13.6	1.6	0.0027	0.0127	0.0100	3.0	SSE
11/25/2025 10:12	10.7	13.6	2.9	0.0027	0.0120	0.0093	3.0	SSE
11/25/2025 10:13	10.4	13.6	3.2	0.0027	0.0120	0.0093	3.1	S
11/25/2025 10:14	10.7	13.7	3.0	0.0027	0.0127	0.0100	3.2	S
11/25/2025 10:15	12.2	13.8	1.6	0.0027	0.0133	0.0107	3.1	S
11/25/2025 10:16	12.5	13.9	1.4	0.0027	0.0140	0.0113	3.2	S
11/25/2025 10:17	12.6	14.1	1.5	0.0027	0.0147	0.0120	3.3	SSE
11/25/2025 10:18	12.4	14.2	1.8	0.0027	0.0153	0.0127	3.4	S

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed	Wind Direction
11/25/2025 10:19	12.4	14.3	1.9	0.0027	0.0160	0.0133	3.3	S
11/25/2025 10:20	12.4	14.3	1.9	0.0027	0.0160	0.0133	3.4	S
11/25/2025 10:21	12.6	14.6	2.0	0.0027	0.0160	0.0133	3.5	SSE
11/25/2025 10:22	12.7	14.8	2.1	0.0027	0.0153	0.0127	3.6	S
11/25/2025 10:23	12.8	14.7	1.9	0.0027	0.0147	0.0120	3.6	S
11/25/2025 10:24	12.5	14.7	2.3	0.0013	0.0147	0.0133	3.6	SSE
11/25/2025 10:25	12.4	15.0	2.5	0.0000	0.0147	0.0147	3.7	SSE
11/25/2025 10:26	12.4	15.2	2.9	0.0000	0.0147	0.0147	3.7	SSE
11/25/2025 10:27	12.3	15.3	3.0	0.0000	0.0147	0.0147	3.8	SSE
11/25/2025 10:28	12.4	15.3	2.9	0.0000	0.0140	0.0140	3.8	S
11/25/2025 10:29	12.4	15.3	2.9	0.0000	0.0133	0.0133	3.7	SSE
11/25/2025 10:30	11.1	15.4	4.4	0.0000	0.0127	0.0127	3.6	SSE
11/25/2025 10:31	10.8	15.4	4.5	0.0000	0.0120	0.0120	3.5	SSE
11/25/2025 10:32	10.7	15.2	4.5	0.0000	0.0113	0.0113	3.5	SSE
11/25/2025 10:33	10.6	15.2	4.6	0.0000	0.0107	0.0107	3.5	SSE
11/25/2025 10:34	10.6	15.1	4.5	0.0000	0.0100	0.0100	3.4	SSE
11/25/2025 10:35	10.5	15.0	4.5	0.0000	0.0100	0.0100	3.4	S
11/25/2025 10:36	10.3	14.7	4.4	0.0000	0.0100	0.0100	3.3	SSE
11/25/2025 10:37	10.3	14.7	4.3	0.0000	0.0100	0.0100	3.2	S
11/25/2025 10:38	10.3	14.6	4.3	0.0000	0.0100	0.0100	3.3	S
11/25/2025 10:39	10.4	14.6	4.2	0.0000	0.0100	0.0100	3.4	S
11/25/2025 10:40	10.5	14.4	4.0	0.0000	0.0100	0.0100	3.4	SSE
11/25/2025 10:41	10.5	14.3	3.7	0.0000	0.0100	0.0100	3.4	SSE
11/25/2025 10:42	10.5	14.2	3.7	0.0000	0.0100	0.0100	3.4	SSE
11/25/2025 10:43	10.5	14.2	3.7	0.0000	0.0107	0.0107	3.4	S
11/25/2025 10:44	10.3	14.1	3.8	0.0000	0.0107	0.0107	3.4	SSE
11/25/2025 10:45	10.3	14.0	3.7	0.0000	0.0107	0.0107	3.5	SSE
11/25/2025 10:46	10.2	13.8	3.6	0.0000	0.0107	0.0107	3.6	SSE
11/25/2025 10:47	10.2	13.9	3.7	0.0000	0.0107	0.0107	3.6	S
11/25/2025 10:48	10.2	13.9	3.7	0.0000	0.0107	0.0107	3.6	SSE
11/25/2025 10:49	10.2	14.0	3.7	0.0000	0.0107	0.0107	3.7	SSE

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed	Wind Direction
11/25/2025 10:50	10.5	14.0	3.5	0.0000	0.0107	0.0107	3.8	SSE
11/25/2025 10:51	10.8	13.9	3.1	0.0000	0.0107	0.0107	3.9	S
11/25/2025 10:52	10.8	13.8	3.0	0.0000	0.0107	0.0107	4.0	SSE
11/25/2025 10:53	10.8	13.9	3.0	0.0000	0.0100	0.0100	3.9	SSE
11/25/2025 10:54	10.8	14.1	3.3	0.0000	0.0093	0.0093	3.9	SSE
11/25/2025 10:55	10.8	13.9	3.1	0.0000	0.0087	0.0087	3.9	S
11/25/2025 10:56	10.8	14.1	3.3	0.0020	0.0080	0.0060	3.9	SSE
11/25/2025 10:57	11.0	14.3	3.2	0.0027	0.0080	0.0053	3.9	SSE
11/25/2025 10:58	10.9	14.3	3.4	0.0027	0.0073	0.0047	3.8	SSE
11/25/2025 10:59	10.8	14.3	3.5	0.0027	0.0067	0.0040	3.7	S
11/25/2025 11:00	10.8	14.5	3.7	0.0027	0.0060	0.0033	3.7	S
11/25/2025 11:01	10.7	14.6	3.9	0.0027	0.0060	0.0033	3.8	S
11/25/2025 11:02	10.9	14.3	3.3	0.0033	0.0053	0.0020	3.6	ESE
11/25/2025 11:03	10.9	14.1	3.2	0.0033	0.0053	0.0020	3.6	S
11/25/2025 11:04	11.0	14.1	3.1	0.0033	0.0053	0.0020	3.6	S
11/25/2025 11:05	10.9	14.1	3.2	0.0033	0.0053	0.0020	3.6	SSE
11/25/2025 11:06	10.8	14.1	3.3	0.0033	0.0053	0.0020	3.5	SSE
11/25/2025 11:07	10.8	14.1	3.3	0.0033	0.0053	0.0020	3.4	SSE
11/25/2025 11:08	10.6	14.1	3.4	0.0033	0.0060	0.0027	3.3	SSE
11/25/2025 11:09	10.7	14.0	3.3	0.0033	0.0067	0.0033	3.2	SSE
11/25/2025 11:10	10.9	14.0	3.1	0.0033	0.0073	0.0040	3.1	SSE
11/25/2025 11:11	10.9	13.7	2.9	0.0013	0.0073	0.0060	3.2	S
11/25/2025 11:12	10.7	13.5	2.7	0.0007	0.0067	0.0060	3.2	S
11/25/2025 11:13	10.7	13.4	2.7	0.0007	0.0060	0.0053	3.3	S
11/25/2025 11:14	10.7	13.4	2.7	0.0007	0.0067	0.0060	3.4	SSE
11/25/2025 11:15	10.5	13.4	2.9	0.0007	0.0073	0.0067	3.5	SSE
11/25/2025 11:16	10.6	13.5	2.9	0.0007	0.0073	0.0067	3.5	SSE
11/25/2025 11:17	10.3	13.9	3.6	0.0000	0.0080	0.0080	3.7	S
11/25/2025 11:18	10.3	14.0	3.7	0.0000	0.0080	0.0080	3.7	SSE
11/25/2025 11:19	10.1	14.1	4.0	0.0000	0.0080	0.0080	3.7	S
11/25/2025 11:20	9.9	14.1	4.2	0.0000	0.0080	0.0080	3.6	SSE

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed	Wind Direction
11/25/2025 11:21	9.7	14.3	4.5	0.0000	0.0080	0.0080	3.5	SSE
11/25/2025 11:22	9.5	14.5	5.0	0.0000	0.0080	0.0080	3.6	SSE
11/25/2025 11:23	9.5	14.4	5.0	0.0000	0.0080	0.0080	3.7	SSE
11/25/2025 11:24	9.3	14.3	5.1	0.0000	0.0080	0.0080	3.8	SSE
11/25/2025 11:25	8.9	14.6	5.7	0.0000	0.0080	0.0080	3.8	S
11/25/2025 11:26	8.7	14.9	6.2	0.0000	0.0087	0.0087	3.7	SSE
11/25/2025 11:27	8.6	15.0	6.4	0.0000	0.0093	0.0093	3.6	SSE
11/25/2025 11:28	8.6	15.1	6.5	0.0000	0.0100	0.0100	3.5	SSE
11/25/2025 11:29	8.6	15.2	6.6	0.0000	0.0100	0.0100	3.5	SSE
11/25/2025 11:30	8.6	15.1	6.5	0.0000	0.0100	0.0100	3.4	SSE
11/25/2025 11:31	8.5	15.1	6.5	0.0000	0.0100	0.0100	3.3	SSE
11/25/2025 11:32	8.5	15.1	6.6	0.0000	0.0100	0.0100	3.1	SSE
11/25/2025 11:33	8.5	15.1	6.7	0.0000	0.0100	0.0100	3.0	SSE
11/25/2025 11:34	8.6	15.1	6.6	0.0000	0.0100	0.0100	3.1	SSE
11/25/2025 11:35	8.5	15.1	6.6	0.0000	0.0100	0.0100	3.0	S
11/25/2025 11:36	8.6	15.1	6.5	0.0000	0.0100	0.0100	3.0	SSE
11/25/2025 11:37	8.8	14.9	6.1	0.0007	0.0107	0.0100	3.0	SSE
11/25/2025 11:38	8.8	14.8	6.0	0.0007	0.0113	0.0107	3.0	S
11/25/2025 11:39	9.2	14.6	5.3	0.0020	0.0107	0.0087	2.9	SE
11/25/2025 11:40	9.3	14.4	5.1	0.0020	0.0113	0.0093	2.8	SSE
11/25/2025 11:41	9.3	14.0	4.7	0.0020	0.0120	0.0100	2.8	S
11/25/2025 11:42	9.4	13.8	4.4	0.0020	0.0120	0.0100	2.8	SSE
11/25/2025 11:43	9.4	13.5	4.2	0.0020	0.0113	0.0093	2.8	S
11/25/2025 11:44	9.4	13.3	3.9	0.0020	0.0107	0.0087	2.8	SSE
11/25/2025 11:45	9.5	13.0	3.5	0.0020	0.0100	0.0080	2.8	S
11/25/2025 11:46	9.5	12.6	3.1	0.0020	0.0093	0.0073	2.9	S
11/25/2025 11:47	9.5	12.4	2.9	0.0020	0.0087	0.0067	3.0	SSE
11/25/2025 11:48	9.6	12.3	2.7	0.0020	0.0087	0.0067	3.0	SSE
11/25/2025 11:49	9.6	12.2	2.6	0.0020	0.0087	0.0067	3.0	S
11/25/2025 11:50	9.7	12.0	2.3	0.0020	0.0087	0.0067	3.0	S
11/25/2025 11:51	9.7	11.9	2.2	0.0020	0.0087	0.0067	3.1	SSE

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed	Wind Direction
11/25/2025 11:52	9.5	12.1	2.6	0.0013	0.0080	0.0067	3.0	SSE
11/25/2025 11:53	9.5	12.3	2.8	0.0013	0.0080	0.0067	2.9	SSE
11/25/2025 11:54	9.2	13.1	4.0	0.0000	0.0093	0.0093	2.9	S
11/25/2025 11:55	9.2	13.9	4.7	0.0000	0.0087	0.0087	2.9	SSE
11/25/2025 11:56	9.2	14.8	5.6	0.0000	0.0080	0.0080	2.9	SSE
11/25/2025 11:57	9.3	15.1	5.8	0.0000	0.0080	0.0080	2.9	S
11/25/2025 11:58	9.3	15.2	6.0	0.0000	0.0087	0.0087	2.9	S
11/25/2025 11:59	9.7	15.6	5.9	0.0000	0.0093	0.0093	2.9	SSE
11/25/2025 12:00	10.0	15.9	6.0	0.0000	0.0100	0.0100	3.0	SSE
11/25/2025 12:01	10.0	16.1	6.1	0.0000	0.0107	0.0107	3.0	S
11/25/2025 12:02	10.1	16.2	6.1	0.0000	0.0113	0.0113	3.1	S
11/25/2025 12:03	10.2	16.2	6.0	0.0000	0.0113	0.0113	3.2	SSE
11/25/2025 12:04	10.4	16.2	5.7	0.0000	0.0113	0.0113	3.3	S
11/25/2025 12:05	10.5	16.1	5.7	0.0000	0.0113	0.0113	3.3	SSE
11/25/2025 12:06	10.6	16.1	5.5	0.0000	0.0113	0.0113	3.3	SSE
11/25/2025 12:07	10.6	15.7	5.1	0.0000	0.0113	0.0113	3.4	SSE
11/25/2025 12:08	10.8	15.4	4.6	0.0000	0.0100	0.0100	3.4	SSE
11/25/2025 12:09	10.7	14.7	4.0	0.0000	0.0087	0.0087	3.4	SSE
11/25/2025 12:10	10.7	13.8	3.2	0.0000	0.0080	0.0080	3.5	S
11/25/2025 12:11	10.8	12.9	2.1	0.0000	0.0080	0.0080	3.4	SE
11/25/2025 12:12	10.9	12.8	1.9	0.0000	0.0080	0.0080	3.4	SSE
11/25/2025 12:13	11.1	12.7	1.6	0.0000	0.0080	0.0080	3.3	S
11/25/2025 12:14	10.6	12.5	2.0	0.0000	0.0080	0.0080	3.4	S
11/25/2025 12:15	10.2	12.5	2.3	0.0000	0.0087	0.0087	3.4	SSE
11/25/2025 12:16	10.2	12.6	2.4	0.0000	0.0093	0.0093	3.2	SSE
11/25/2025 12:17	10.3	12.3	2.0	0.0013	0.0087	0.0073	2.9	SE
11/25/2025 12:18	10.3	12.3	2.0	0.0013	0.0087	0.0073	2.7	SSE
11/25/2025 12:19	10.0	12.2	2.2	0.0013	0.0087	0.0073	2.6	SSE
11/25/2025 12:20	9.9	12.4	2.5	0.0013	0.0080	0.0067	2.5	S
11/25/2025 12:21	9.8	12.4	2.6	0.0013	0.0073	0.0060	2.6	S
11/25/2025 12:22	9.9	12.4	2.5	0.0013	0.0067	0.0053	2.6	SSE

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed	Wind Direction
11/25/2025 12:23	9.8	12.4	2.6	0.0013	0.0067	0.0053	2.7	S
11/25/2025 12:24	9.9	12.4	2.5	0.0013	0.0067	0.0053	2.7	S
11/25/2025 12:25	10.0	12.4	2.4	0.0013	0.0067	0.0053	2.8	S
11/25/2025 12:26	10.0	12.3	2.3	0.0013	0.0060	0.0047	2.9	SSE
11/25/2025 12:27	10.1	12.3	2.2	0.0013	0.0053	0.0040	2.9	SSE
11/25/2025 12:28	10.1	12.3	2.2	0.0013	0.0047	0.0033	2.8	SSE
11/25/2025 12:29	10.1	12.1	1.9	0.0013	0.0040	0.0027	2.7	SSE
11/25/2025 12:30	10.3	11.8	1.5	0.0013	0.0033	0.0020	2.8	SSE
11/25/2025 12:31	10.8	11.7	0.9	0.0013	0.0027	0.0013	2.9	S
11/25/2025 12:32	11.4	12.1	0.7	0.0007	0.0033	0.0027	3.1	SSE
11/25/2025 12:33	11.6	11.7	0.0	0.0013	0.0027	0.0013	3.4	SSE
11/25/2025 12:34	12.3	11.2	-1.0	0.0013	0.0020	0.0007	3.5	S
11/25/2025 12:35	13.0	10.6	-2.5	0.0013	0.0020	0.0007	3.7	S
11/25/2025 12:36	13.1	10.1	-3.0	0.0013	0.0020	0.0007	3.6	SSE
11/25/2025 12:37	13.0	10.1	-2.9	0.0013	0.0020	0.0007	3.6	SSE
11/25/2025 12:38	13.0	22.5	9.4	0.0013	0.0020	0.0007	3.5	SSE
11/25/2025 12:39	13.0	29.9	16.9	0.0013	0.0020	0.0007	3.4	SSE
11/25/2025 12:40	13.0	35.1	22.1	0.0013	0.0020	0.0007	3.2	S
11/25/2025 12:41	12.8	39.2	26.5	0.0013	0.0020	0.0007	3.1	SSE
11/25/2025 12:42	12.6	42.4	29.8	0.0013	0.0020	0.0007	3.2	SSE
11/25/2025 12:43	12.6	45.2	32.6	0.0013	0.0020	0.0007	3.2	SSE
11/25/2025 12:44	12.4	47.7	35.3	0.0013	0.0020	0.0007	3.3	S
11/25/2025 12:45	12.1	49.9	37.8	0.0013	0.0013	0.0000	3.3	S
11/25/2025 12:46	11.4	52.0	40.6	0.0013	0.0007	-0.0007	3.2	SSE
11/25/2025 12:47	10.6	53.7	43.1	0.0007	0.0000	-0.0007	3.1	SSE
11/25/2025 12:48	10.1	55.7	45.6	0.0000	0.0000	0.0000	2.9	SSE
11/25/2025 12:49	9.4	57.8	48.4	0.0000	0.0000	0.0000	2.8	S
11/25/2025 12:50	8.6	59.8	51.2	0.0000	0.0000	0.0000	2.7	SSE
11/25/2025 12:51	8.5	61.7	53.2	0.0000	0.0000	0.0000	2.6	SSE
11/25/2025 12:52	8.4	62.8	54.4	0.0000	0.0000	0.0000	2.6	SSE
11/25/2025 12:53	8.4	51.7	43.3	0.0000	0.0007	0.0007	2.6	SSE

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed	Wind Direction
11/25/2025 12:54	8.4	45.6	37.1	0.0000	0.0013	0.0013	2.6	SSE
11/25/2025 12:55	8.4	41.5	33.1	0.0000	0.0027	0.0027	2.6	SSE
11/25/2025 12:56	8.4	38.7	30.3	0.0000	0.0047	0.0047	2.6	SSE
11/25/2025 12:57	8.5	36.7	28.2	0.0000	0.0060	0.0060	2.6	SSE
11/25/2025 12:58	8.5	34.8	26.3	0.0000	0.0067	0.0067	2.6	SSE
11/25/2025 12:59	8.5	33.3	24.8	0.0000	0.0073	0.0073	2.5	S
11/25/2025 13:00	8.4	31.9	23.5	0.0000	0.0080	0.0080	2.5	SSE
11/25/2025 13:01	8.4	30.7	22.2	0.0000	0.0087	0.0087	2.5	SSE
11/25/2025 13:02	8.4	29.7	21.4	0.0000	0.0093	0.0093	2.6	S
11/25/2025 13:03	8.4	28.9	20.5	0.0000	0.0093	0.0093	2.6	SSE
11/25/2025 13:04	8.3	28.0	19.7	0.0000	0.0093	0.0093	2.6	SSE
11/25/2025 13:05	8.2	27.2	19.0	0.0000	0.0093	0.0093	2.6	S
11/25/2025 13:06	8.2	26.5	18.4	0.0000	0.0093	0.0093	2.6	SSE
11/25/2025 13:07	8.0	26.0	18.0	0.0000	0.0093	0.0093	2.7	S
11/25/2025 13:08	8.0	25.4	17.4	0.0000	0.0087	0.0087	2.9	SSE
11/25/2025 13:09	8.4	24.8	16.4	0.0000	0.0080	0.0080	3.0	S
11/25/2025 13:10	8.8	24.3	15.5	0.0000	0.0067	0.0067	3.1	S
11/25/2025 13:11	8.7	23.5	14.9	0.0000	0.0047	0.0047	3.3	SSE
11/25/2025 13:12	8.7	23.0	14.2	0.0000	0.0033	0.0033	3.3	S
11/25/2025 13:13	8.6	22.6	14.0	0.0000	0.0027	0.0027	3.4	S
11/25/2025 13:14	8.7	22.2	13.5	0.0000	0.0020	0.0020	3.5	S
11/25/2025 13:15	9.0	21.8	12.8	0.0000	0.0013	0.0013	3.5	S
11/25/2025 13:16	9.4	21.6	12.2	0.0000	0.0007	0.0007	3.5	S
11/25/2025 13:17	9.6	21.2	11.6	0.0000	0.0000	0.0000	3.4	SSE
11/25/2025 13:18	9.7	20.9	11.2	0.0000	0.0000	0.0000	3.5	S
11/25/2025 13:19	9.8	20.7	10.9	0.0007	0.0000	-0.0007	3.5	SSE
11/25/2025 13:20	10.0	20.4	10.4	0.0007	0.0000	-0.0007	3.5	S
11/25/2025 13:21	10.2	20.0	9.9	0.0007	0.0000	-0.0007	3.4	S
11/25/2025 13:22	10.4	19.7	9.3	0.0007	0.0000	-0.0007	3.3	S
11/25/2025 13:23	10.5	19.5	9.0	0.0007	0.0000	-0.0007	3.3	S
11/25/2025 13:24	10.0	19.1	9.1	0.0007	0.0000	-0.0007	3.1	S

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed	Wind Direction
11/25/2025 13:25	9.7	18.9	9.2	0.0007	0.0000	-0.0007	3.0	SSE
11/25/2025 13:26	9.8	18.7	8.9	0.0007	0.0000	-0.0007	3.0	SSE
11/25/2025 13:27	9.6	18.5	8.9	0.0007	0.0000	-0.0007	3.0	S
11/25/2025 13:28	9.7	18.3	8.6	0.0007	0.0000	-0.0007	2.9	SSE
11/25/2025 13:29	9.6	18.1	8.5	0.0007	0.0000	-0.0007	2.8	S
11/25/2025 13:30	9.5	18.2	8.7	0.0007	0.0000	-0.0007	2.8	SSE
11/25/2025 13:31	9.2	17.8	8.6	0.0007	0.0000	-0.0007	2.7	S
11/25/2025 13:32	9.1	17.6	8.5	0.0007	0.0000	-0.0007	2.8	SSE
11/25/2025 13:33	9.1	17.3	8.2	0.0007	0.0000	-0.0007	2.7	SSE
11/25/2025 13:34	9.0	17.1	8.1	0.0000	0.0000	0.0000	2.8	SSE
11/25/2025 13:35	9.1	17.0	7.9	0.0000	0.0000	0.0000	2.8	S
11/25/2025 13:36	9.0	16.8	7.8	0.0000	0.0000	0.0000	2.9	SSE
11/25/2025 13:37	8.9	16.7	7.7	0.0000	0.0000	0.0000	2.9	S
11/25/2025 13:38	8.8	16.6	7.8	0.0000	0.0007	0.0007	2.8	SSE
11/25/2025 13:39	8.7	16.5	7.8	0.0000	0.0013	0.0013	2.9	S
11/25/2025 13:40	8.6	16.5	7.9	0.0000	0.0013	0.0013	3.0	S
11/25/2025 13:41	8.6	16.5	7.9	0.0000	0.0013	0.0013	3.0	S
11/25/2025 13:42	8.6	16.4	7.8	0.0000	0.0013	0.0013	2.9	S
11/25/2025 13:43	8.6	16.2	7.6	0.0000	0.0013	0.0013	2.9	S
11/25/2025 13:44	8.8	16.1	7.3	0.0000	0.0013	0.0013	2.9	SSE
11/25/2025 13:45	8.8	15.8	7.0	0.0000	0.0013	0.0013	2.9	S
11/25/2025 13:46	9.0	15.6	6.6	0.0000	0.0013	0.0013	3.0	S
11/25/2025 13:47	9.0	15.5	6.5	0.0000	0.0013	0.0013	2.9	SSE
11/25/2025 13:48	9.0	15.4	6.4	0.0000	0.0013	0.0013	2.9	S
11/25/2025 13:49	9.0	15.3	6.3	0.0000	0.0013	0.0013	2.8	S
11/25/2025 13:50	9.0	15.2	6.2	0.0000	0.0013	0.0013	2.8	SSE
11/25/2025 13:51	9.0	15.1	6.1	0.0000	0.0013	0.0013	2.8	S
11/25/2025 13:52	9.0	15.0	6.0	0.0000	0.0013	0.0013	2.8	S
11/25/2025 13:53	9.0	14.9	5.9	0.0000	0.0007	0.0007	2.8	SSE
11/25/2025 13:54	9.1	14.8	5.7	0.0000	0.0000	0.0000	2.8	SSE
11/25/2025 13:55	9.2	14.6	5.4	0.0000	0.0000	0.0000	2.7	S

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed	Wind Direction
11/25/2025 13:56	9.2	14.4	5.1	0.0000	0.0000	0.0000	2.6	SSE
11/25/2025 13:57	9.3	14.3	5.0	0.0007	0.0000	-0.0007	2.6	SSE
11/25/2025 13:58	9.1	14.1	5.0	0.0007	0.0000	-0.0007	2.6	SSE
11/25/2025 13:59	8.9	14.0	5.1	0.0007	0.0000	-0.0007	2.7	S
11/25/2025 14:00	8.8	14.0	5.2	0.0007	0.0000	-0.0007	2.7	S
11/25/2025 14:01	8.5	13.8	5.3	0.0007	0.0000	-0.0007	2.7	S
11/25/2025 14:02	8.5	13.6	5.1	0.0007	0.0000	-0.0007	2.8	S
11/25/2025 14:03	8.5	13.4	4.9	0.0007	0.0000	-0.0007	2.8	S
11/25/2025 14:04	8.5	13.2	4.7	0.0007	0.0000	-0.0007	2.8	SSE
11/25/2025 14:05	8.4	13.1	4.7	0.0007	0.0000	-0.0007	2.8	SSE
11/25/2025 14:06	8.4	13.0	4.6	0.0007	0.0000	-0.0007	2.8	S
11/25/2025 14:07	8.6	12.9	4.3	0.0007	0.0000	-0.0007	2.9	S
11/25/2025 14:08	8.7	12.7	4.0	0.0007	0.0000	-0.0007	2.9	S
11/25/2025 14:09	8.7	12.6	3.9	0.0007	0.0000	-0.0007	3.0	SSE
11/25/2025 14:10	8.7	12.6	3.9	0.0007	0.0000	-0.0007	3.0	SSE
11/25/2025 14:11	8.8	12.5	3.7	0.0007	0.0000	-0.0007	3.0	S
11/25/2025 14:12	8.9	12.4	3.4	0.0000	0.0000	0.0000	3.0	SSE
11/25/2025 14:13	9.1	12.5	3.4	0.0000	0.0000	0.0000	3.1	S
11/25/2025 14:14	9.3	12.5	3.2	0.0000	0.0000	0.0000	3.2	S
11/25/2025 14:15	9.4	12.4	3.0	0.0000	0.0000	0.0000	3.1	SSE
11/25/2025 14:16	9.5	12.4	2.9	0.0000	0.0000	0.0000	3.1	S
11/25/2025 14:17	9.5	12.4	2.8	0.0000	0.0000	0.0000	3.3	S
11/25/2025 14:18	9.6	12.3	2.7	0.0000	0.0000	0.0000	3.4	S
11/25/2025 14:19	9.7	12.3	2.6	0.0000	0.0000	0.0000	3.5	SSE
11/25/2025 14:20	9.9	12.4	2.5	0.0000	0.0000	0.0000	3.4	SSE
11/25/2025 14:21	10.1	12.4	2.3	0.0000	0.0000	0.0000	3.4	SSE
11/25/2025 14:22	10.0	12.3	2.4	0.0000	0.0000	0.0000	3.3	SSE
11/25/2025 14:23	10.0	12.3	2.3	0.0000	0.0000	0.0000	3.3	S
11/25/2025 14:24	10.0	12.2	2.2	0.0000	0.0000	0.0000	3.3	S
11/25/2025 14:25	9.9	12.0	2.1	0.0000	0.0000	0.0000	3.4	S
11/25/2025 14:26	9.9	12.0	2.0	0.0000	0.0000	0.0000	3.4	S

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed	Wind Direction
11/25/2025 14:27	9.8	11.9	2.1	0.0000	0.0000	0.0000	3.4	S
11/25/2025 14:28	9.6	11.6	2.0	0.0000	0.0000	0.0000	3.3	SSE
11/25/2025 14:29	9.5	11.5	2.0	0.0000	0.0000	0.0000	3.4	S
11/25/2025 14:30	9.4	11.3	1.9	0.0000	0.0000	0.0000	3.6	S
11/25/2025 14:31	10.4	11.3	1.0	0.0000	0.0000	0.0000	3.6	S
11/25/2025 14:32	10.5	11.4	0.9	0.0000	0.0000	0.0000	3.4	SSE
11/25/2025 14:33	10.4	11.4	1.0	0.0000	0.0000	0.0000	3.3	S
11/25/2025 14:34	10.3	11.4	1.0	0.0000	0.0000	0.0000	3.3	S
11/25/2025 14:35	10.1	11.4	1.2	0.0000	0.0000	0.0000	3.4	S
11/25/2025 14:36	10.0	11.4	1.4	0.0000	0.0000	0.0000	3.4	S
11/25/2025 14:37	10.3	11.7	1.4	0.0000	0.0000	0.0000	3.5	S
11/25/2025 14:38	11.7	12.0	0.3	0.0007	0.0000	-0.0007	3.5	S
11/25/2025 14:39	13.1	12.1	-1.0	0.0013	0.0000	-0.0013	3.5	S
11/25/2025 14:40	13.6	12.3	-1.3	0.0013	0.0000	-0.0013	3.4	S
11/25/2025 14:41	13.9	12.4	-1.5	0.0013	0.0000	-0.0013	3.4	SSE
11/25/2025 14:42	20.2	12.5	-7.7	0.0013	0.0000	-0.0013	3.3	S
11/25/2025 14:43	25.2	12.5	-12.7	0.0033	0.0000	-0.0033	3.4	S
11/25/2025 14:44	27.5	12.6	-14.9	0.0053	0.0000	-0.0053	3.2	SSE
11/25/2025 14:45	30.6	12.6	-18.0	0.0080	0.0000	-0.0080	3.1	S
11/25/2025 14:46	30.7	12.6	-18.0	0.0120	0.0000	-0.0120	3.1	S
11/25/2025 14:47	30.8	12.5	-18.3	0.0160	0.0000	-0.0160	3.2	S
11/25/2025 14:48	31.1	12.5	-18.6	0.0167	0.0000	-0.0167	3.1	SSE
11/25/2025 14:49	31.3	12.4	-19.0	0.0167	0.0000	-0.0167	3.2	S
11/25/2025 14:50	31.5	12.2	-19.3	0.0167	0.0000	-0.0167	3.2	S
11/25/2025 14:51	31.6	12.2	-19.4	0.0167	0.0000	-0.0167	3.2	S
11/25/2025 14:52	31.2	12.0	-19.3	0.0167	0.0000	-0.0167	3.0	S
11/25/2025 14:53	29.9	11.9	-18.0	0.0160	0.0000	-0.0160	3.0	S
11/25/2025 14:54	28.6	11.9	-16.7	0.0153	0.0000	-0.0153	3.1	S
11/25/2025 14:55	28.2	11.7	-16.5	0.0153	0.0000	-0.0153	3.1	S
11/25/2025 14:56	27.8	12.2	-15.7	0.0153	0.0000	-0.0153	3.3	S
11/25/2025 14:57	21.5	12.3	-9.2	0.0153	0.0000	-0.0153	3.3	S

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed	Wind Direction
11/25/2025 14:58	16.6	12.6	-4.0	0.0133	0.0000	-0.0133	3.3	S
11/25/2025 14:59	14.5	12.9	-1.6	0.0113	0.0000	-0.0113	3.3	SSE
11/25/2025 15:00	11.4	13.0	1.7	0.0087	0.0000	-0.0087	3.3	S
11/25/2025 15:01	10.3	13.2	2.9	0.0047	0.0000	-0.0047	3.2	S
11/25/2025 15:02	10.0	13.5	3.5	0.0007	0.0000	-0.0007	3.1	SSE
11/25/2025 15:03	9.7	13.6	3.9	0.0000	0.0000	0.0000	3.1	SSE
11/25/2025 15:04	9.4	13.8	4.4	0.0000	0.0000	0.0000	3.1	S
11/25/2025 15:05	9.3	13.9	4.6	0.0000	0.0000	0.0000	3.0	S
11/25/2025 15:06	9.2	13.8	4.6	0.0007	0.0000	-0.0007	3.0	S
11/25/2025 15:07	9.1	13.7	4.6	0.0007	0.0000	-0.0007	3.1	S
11/25/2025 15:08	9.0	13.9	4.9	0.0007	0.0000	-0.0007	3.1	SSE
11/25/2025 15:09	8.8	14.0	5.2	0.0007	0.0000	-0.0007	3.0	SSE
11/25/2025 15:10	8.8	14.5	5.6	0.0007	0.0000	-0.0007	3.1	S
11/25/2025 15:11	8.8	14.2	5.4	0.0007	0.0000	-0.0007	3.0	S
11/25/2025 15:12	8.9	14.1	5.3	0.0007	0.0000	-0.0007	2.9	SSE
11/25/2025 15:13	9.0	13.8	4.7	0.0007	0.0000	-0.0007	2.9	S
11/25/2025 15:14	9.1	13.6	4.5	0.0007	0.0000	-0.0007	3.0	S
11/25/2025 15:15	9.2	13.5	4.3	0.0007	0.0000	-0.0007	3.1	SSE
11/25/2025 15:16	9.4	13.4	4.1	0.0007	0.0000	-0.0007	3.1	SSE
11/25/2025 15:17	9.5	13.4	3.9	0.0007	0.0000	-0.0007	3.1	S
11/25/2025 15:18	9.6	13.3	3.7	0.0007	0.0000	-0.0007	3.2	S
11/25/2025 15:19	9.9	13.0	3.1	0.0007	0.0000	-0.0007	3.2	S
11/25/2025 15:20	10.0	13.1	3.1	0.0007	0.0000	-0.0007	3.2	S
11/25/2025 15:21	10.0	12.9	2.9	0.0000	0.0000	0.0000	3.2	SSE
11/25/2025 15:22	9.9	12.8	2.9	0.0000	0.0000	0.0000	3.1	SSE
11/25/2025 15:23	9.9	12.4	2.5	0.0007	0.0000	-0.0007	3.2	SSE
11/25/2025 15:24	9.9	12.1	2.2	0.0007	0.0000	-0.0007	3.2	S
11/25/2025 15:25	9.9	11.7	1.8	0.0007	0.0000	-0.0007	3.1	S
11/25/2025 15:26	9.9	11.7	1.8	0.0007	0.0000	-0.0007	3.2	SSE
11/25/2025 15:27	10.0	11.7	1.6	0.0007	0.0000	-0.0007	3.2	S
11/25/2025 15:28	10.1	11.8	1.7	0.0007	0.0000	-0.0007	3.2	SSE

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed	Wind Direction
11/25/2025 15:29	10.1	11.6	1.5	0.0007	0.0000	-0.0007	3.1	SSE
11/25/2025 15:30	10.1	11.5	1.4	0.0007	0.0000	-0.0007	3.1	SSE
11/25/2025 15:31	10.1	11.2	1.1	0.0007	0.0000	-0.0007	2.9	SSE
11/25/2025 15:32	10.1	11.0	0.9	0.0007	0.0000	-0.0007	3.0	S
11/25/2025 15:33	10.1	10.9	0.8	0.0007	0.0000	-0.0007	3.1	S
11/25/2025 15:34	9.9	10.8	0.9	0.0007	0.0000	-0.0007	3.1	S
11/25/2025 15:35	9.8	10.6	0.8	0.0007	0.0000	-0.0007	3.0	S
11/25/2025 15:36	9.9	10.8	0.9	0.0007	0.0000	-0.0007	3.0	SSE
11/25/2025 15:37	10.0	10.8	0.8	0.0007	0.0007	0.0000	3.0	SSE
11/25/2025 15:38	10.2	10.9	0.6	0.0000	0.0007	0.0007	2.9	SSE
11/25/2025 15:39	10.5	11.1	0.6	0.0000	0.0007	0.0007	2.9	S
11/25/2025 15:40	10.8	11.0	0.1	0.0000	0.0013	0.0013	2.9	S
11/25/2025 15:41	11.2	10.8	-0.4	0.0000	0.0013	0.0013	2.9	SSE
11/25/2025 15:42	11.3	10.7	-0.6	0.0000	0.0013	0.0013	2.9	SSE
11/25/2025 15:43	11.3	10.7	-0.6	0.0000	0.0013	0.0013	3.0	S
11/25/2025 15:44	11.2	10.7	-0.6	0.0000	0.0013	0.0013	3.1	S
11/25/2025 15:45	11.2	10.6	-0.6	0.0000	0.0013	0.0013	3.2	S
11/25/2025 15:46	11.2	10.8	-0.4	0.0000	0.0013	0.0013	3.3	S
11/25/2025 15:47	11.3	11.1	-0.2	0.0000	0.0013	0.0013	3.2	SSE
11/25/2025 15:48	11.3	11.2	-0.1	0.0000	0.0013	0.0013	3.1	S
11/25/2025 15:49	11.4	11.2	-0.1	0.0000	0.0013	0.0013	3.1	S
11/25/2025 15:50	12.6	11.3	-1.4	0.0000	0.0013	0.0013	3.2	S
11/25/2025 15:51	14.4	11.0	-3.4	0.0000	0.0013	0.0013	3.3	SSE
11/25/2025 15:52	16.5	10.9	-5.6	0.0000	0.0007	0.0007	3.2	SSE
11/25/2025 15:53	16.6	10.7	-5.9	0.0000	0.0007	0.0007	3.2	S
11/25/2025 15:54	16.5	10.4	-6.1	0.0000	0.0007	0.0007	3.2	SSE
11/25/2025 15:55	16.3	10.3	-6.0	0.0000	0.0000	0.0000	3.2	SSE
11/25/2025 15:56	16.3	10.2	-6.2	0.0000	0.0000	0.0000	3.2	S
11/25/2025 15:57	16.2	9.9	-6.3	0.0000	0.0000	0.0000	3.2	SSE
11/25/2025 15:58	16.3	9.7	-6.6	0.0000	0.0000	0.0000	3.1	S
11/25/2025 15:59	16.4	9.6	-6.8	0.0000	0.0000	0.0000	3.1	SSE

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed	Wind Direction
11/25/2025 16:00	16.6	9.6	-7.1	0.0000	0.0000	0.0000	3.0	S
11/25/2025 16:01	16.6	9.4	-7.3	0.0000	0.0000	0.0000	3.0	SSE
11/25/2025 16:02	16.7	9.0	-7.7	0.0000	0.0000	0.0000	3.0	S
11/25/2025 16:03	16.9	8.8	-8.0	0.0000	0.0000	0.0000	3.0	SSE
11/25/2025 16:04	17.3	8.8	-8.5	0.0000	0.0000	0.0000	2.8	SSE

APPENDIX E

MATERIAL REUSE DOCUMENTATION

Nicholas Palumbo

From: Zheng, Wendi Y (DEC) <Wendi.Zheng@dec.ny.gov>
Sent: Tuesday, August 19, 2025 1:44 PM
To: Nicholas Palumbo
Cc: O'Connell, Jane H (DEC); Obligado, Andre A (DEC); Gerald Nicholls; Elizabeth Burgess; PJ Dinardo
Subject: RE: Willets Point Phase 1 Senior Housing (C241146B) - Material Reuse Request

Nick,

The Department has reviewed the request dated August 18, 2025 to import approximately 1,000 cubic yards of general fill and sand blend material from Willets Point Development Triangle Parcel (BCP Site No. C241146E) located at 38-27 126th Street (a/k/a N/A Roosevelt Avenue) in New York. The material will be used for the temporary access ramp at the site. Based on the information provided, the request is hereby approved.

The proposed fill material meets the lower of the Restricted Residential or Groundwater Protection soil cleanup objectives (SCOs) as provided in Appendix 5 of DER-10 and the guidance document "Sampling, Analysis and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs. Therefore, this material may be placed above the demarcation layer.

Testing in accordance with DER-10, the Site Management Plan and approval by the Department is required for any additional material imported from this source. Should you have any questions, please contact me.

Thank you,

Wendi Zheng
New York State Department of Environmental Conservation
P: (718) 482-7541 | wendi.zheng@dec.ny.gov

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From: Nicholas Palumbo <npalumbo@langan.com>
Sent: Tuesday, August 19, 2025 11:13 AM
To: Zheng, Wendi Y (DEC) <Wendi.Zheng@dec.ny.gov>
Cc: O'Connell, Jane H (DEC) <jane.oconnell@dec.ny.gov>; Obligado, Andre A (DEC) <andre.obligado@dec.ny.gov>; gnicholls@langan.com; Elizabeth Burgess <eburgess@langan.com>; PJ Dinardo <pdinardo@langan.com>
Subject: RE: Willets Point Phase 1 Senior Housing (C241146B) - Material Reuse Request

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Yes, the intent is to use both materials to construct the temporary access ramp on the Senior Housing site. It will primarily consist of the Durante clean fill as that is what's on the surface, but the virgin sand from EROC will also be used if encountered. The area the contractor plans to take the material from is on the slope of the berm so the interface between the two materials varies and is uncertain.

Nick Palumbo
Project Engineer

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Mobile: 917.301.1896
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From: Zheng, Wendi Y (DEC) <Wendi.Zheng@dec.ny.gov>
Sent: Tuesday, August 19, 2025 10:24 AM
To: Nicholas Palumbo <npalumbo@langan.com>
Cc: O'Connell, Jane H (DEC) <jane.oconnell@dec.ny.gov>; Obligado, Andre A (DEC) <andre.obligado@dec.ny.gov>; Gerald Nicholls <gnicholls@Langan.com>; Elizabeth Burgess <eburgess@langan.com>; PJ Dinardo <pdinardo@langan.com>
Subject: RE: Willets Point Phase 1 Senior Housing (C241146B) - Material Reuse Request

When this material is moved from Triangle Parcel to Senior Housing, will there be any comingling?

Thanks,

Wendi Zheng
New York State Department of Environmental Conservation
P: (718) 482-7541 | wendi.zheng@dec.ny.gov

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From: Nicholas Palumbo <npalumbo@langan.com>
Sent: Tuesday, August 19, 2025 10:21 AM
To: Zheng, Wendi Y (DEC) <Wendi.Zheng@dec.ny.gov>
Cc: O'Connell, Jane H (DEC) <jane.oconnell@dec.ny.gov>; Obligado, Andre A (DEC) <andre.obligado@dec.ny.gov>; gnicholls@langan.com; Elizabeth Burgess <eburgess@langan.com>; PJ Dinardo <pdinardo@langan.com>
Subject: RE: Willets Point Phase 1 Senior Housing (C241146B) - Material Reuse Request

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Hi Wendi,

No, the general fill was placed above the virgin sand on the Triangle Parcel to construct a temporary berm over the 72-inch trunk water main.

Sincerely,
Nick

Nick Palumbo
Project Engineer

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From: Zheng, Wendi Y (DEC) <Wendi.Zheng@dec.ny.gov>
Sent: Tuesday, August 19, 2025 10:01 AM
To: Nicholas Palumbo <npalumbo@langan.com>
Cc: O'Connell, Jane H (DEC) <jane.oconnell@dec.ny.gov>; Obligado, Andre A (DEC) <andre.obligado@dec.ny.gov>; Gerald Nicholls <gnicholls@Langan.com>; Elizabeth Burgess <eburgess@langan.com>; PJ Dinardo <pdinardo@langan.com>
Subject: RE: Willets Point Phase 1 Senior Housing (C241146B) - Material Reuse Request

Hi Nick,

Have the virgin sand and general fill from the previous import request been blended together at Willets Point Development Triangle Parcel site (BCP Site No. C241146E)?

Thanks,

Wendi Zheng
New York State Department of Environmental Conservation
P: (718) 482-7541 | wendi.zheng@dec.ny.gov

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---

From: Nicholas Palumbo <npalumbo@langan.com>
Sent: Monday, August 18, 2025 5:58 PM
To: Zheng, Wendi Y (DEC) <Wendi.Zheng@dec.ny.gov>
Cc: O'Connell, Jane H (DEC) <jane.oconnell@dec.ny.gov>; Obligado, Andre A (DEC) <andre.obligado@dec.ny.gov>; gnicholls@langan.com; Elizabeth Burgess <eburgess@langan.com>; PJ Dinardo <pdinardo@langan.com>
Subject: Willets Point Phase 1 Senior Housing (C241146B) - Material Reuse Request

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Hi Wendi,

Following up from our SMP work notification on Friday, please see the link below to download the reuse request submission for DEC review. The contractor is proposing to reuse previously imported NYSDEC-approved clean fill from the Willets Point Development Triangle Parcel site (BCP Site No. C241146E) to construct a temporary access ramp on the Willets Point Development Phase 1 Senior Housing site (BCP Site No. C241146B). The reuse fill will be backfilled above the site cover system and remain until redevelopment of the Senior Housing site (BCP Site No. C241146B). The previous DEC-approvals and import requests that represent the proposed reuse material are referenced in the submission below.

https://clients.langan.com/Sharing/filesharing/ViewPosted?transactionHash=-295339020

Name	Type	Size
C241146B - Material Reuse Package - Clean Fill and Virgin Sand	.pdf	8.95 MB

Please let us know if DEC takes any exceptions to the temporary placement of the described material.

Sincerely,
Nick

Nick Palumbo
Project Engineer

LANGAN

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Willets Point Development
Phase 1 Senior Housing

38-02 126th Lane
Queens, NY
Langan No. 170197650
BCP Site No. C241146B

MATERIAL REUSE PACKAGE

Material Type	Clean Fill and Virgin Sand
Source Facility	Willets Point Development Triangle Parcel BCP Site No. C241146E 38-27 126th Street Queens, New York

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: Restricted Residential Use

Have Ecological Resources been identified? no

Is this soil originating from the site? no

How many cubic yards of soil will be imported/reused? 800-1000

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? no

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

Is this virgin material from a permitted mine or quarry? no

Is this material recycled concrete or brick from a DEC registered processing facility? no

SECTION 3 - SAMPLING

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

The material requested to be imported was previously approved for import by NYSDEC and placed as backfill during trunk water main construction at the Willets Point OU-1 and OU-2 site (BCP Site No. C241146) in 2023. Since that date, BCP Site No. C241146 has been subdivided; the material requested to be imported is currently located on what is now known as the Willets Point Development Triangle Parcel site (BCP Site No. C241146E). The material requested to be imported consists of material from two previously approved import sources: clean fill from Durante Brothers Construction Corp. in Flushing, NY and virgin sand from Evergreen Recycling of Corona in Flushing, NY.
Sampling was conducted for both of the original import sources, please see attached material import requests and NYSDEC approvals.

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):

Please see attached material import requests and NYSDEC approvals.

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:

Queens Development Group II, LLC

Location where fill was obtained:

Willets Point Development Triangle Parcel (BCP Site No. C241146E)

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

See attached NYSDEC approvals

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

N/A

Provide a list of supporting documentation included with this request:

1. Material Location Map
2. Import Material Package - Evergreen Recycling of Corona Virgin Sand
3. NYSDEC Approval - Evergreen Recycling of Corona Virgin Sand
4. Import Material Package - Durante Bros. Construction Corp. Clean Fill
5. NYSDEC Approval - Durante Bros. Construction Corp. Clean Fill

The information provided on this form is accurate and complete.

Nicholas Palumbo

Digitally signed by Nicholas Palumbo
DN: C=US, E=npalumbo@langan.com, O=Langan Engineering, CN=Nicholas Palumbo
Reason: I have reviewed this document
Date: 2025.08.18 17:47:30-04'00'

Signature

08/18/2025

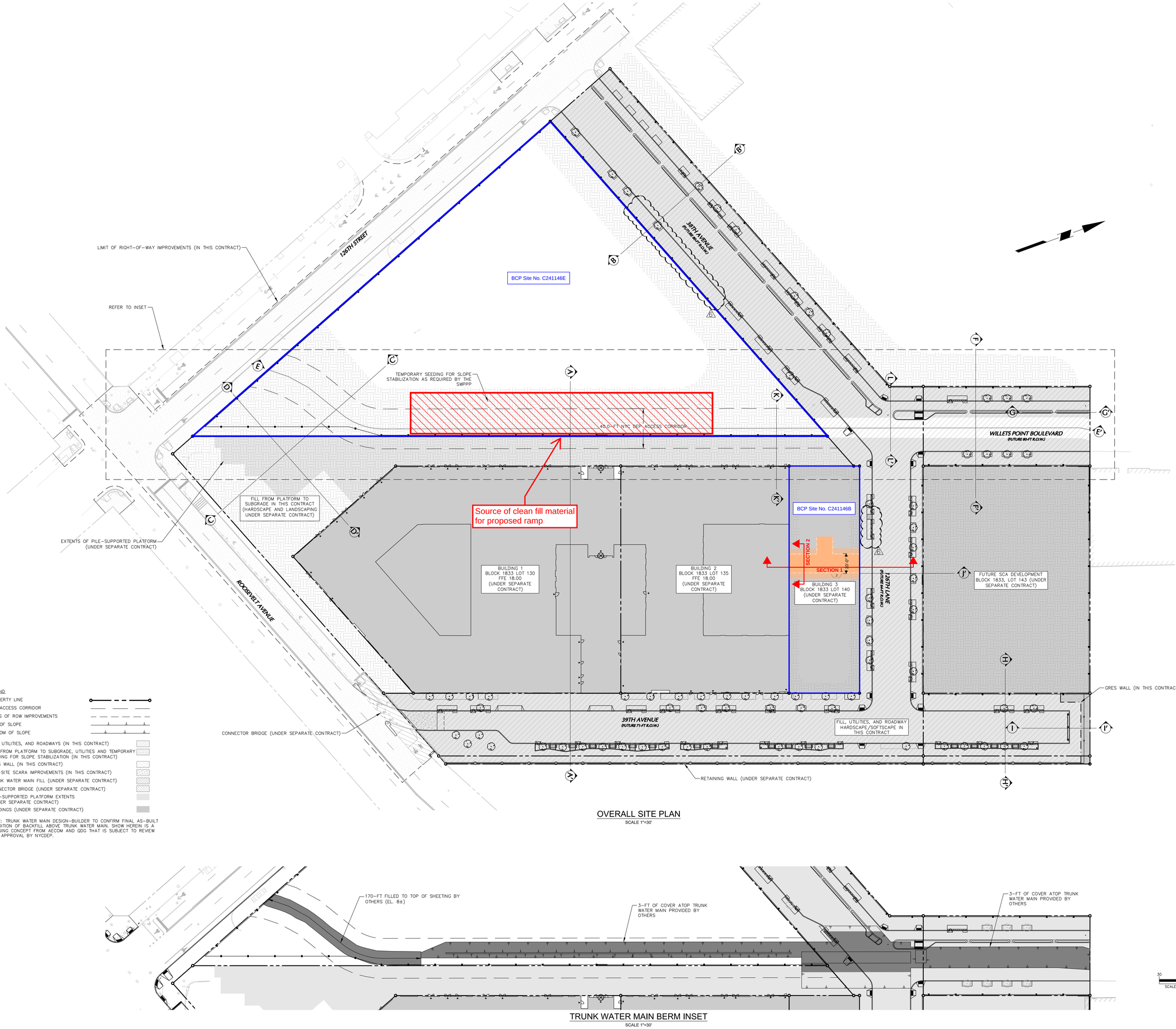
Date

Nicholas Palumbo

Print Name

Langan Engineering

Firm



LEGEND

- PROPERTY LINE
- DEP ACCESS CORRIDOR
- LIMITS OF ROW IMPROVEMENTS
- TOP OF SLOPE
- BOTTOM OF SLOPE
- FILL, UTILITIES, AND ROADWAYS (IN THIS CONTRACT)
- FILL FROM PLATFORM TO SUBGRADE, UTILITIES AND TEMPORARY SEEDING FOR SLOPE STABILIZATION (IN THIS CONTRACT)
- GRES WALL (IN THIS CONTRACT)
- OFF-SITE SCARA IMPROVEMENTS (IN THIS CONTRACT)
- TRUNK WATER MAIN FILL (UNDER SEPARATE CONTRACT)
- CONNECTOR BRIDGE (UNDER SEPARATE CONTRACT)
- PILE-SUPPORTED PLATFORM EXTENTS (UNDER SEPARATE CONTRACT)
- BUILDINGS (UNDER SEPARATE CONTRACT)

NOTE: TRUNK WATER MAIN DESIGN-BUILDER TO CONFIRM FINAL AS-BUILT CONDITION OF BACKFILL ABOVE TRUNK WATER MAIN. SHOW HEREIN IS A PHASING CONCEPT FROM AECOM AND QDG THAT IS SUBJECT TO REVIEW AND APPROVAL BY NYCDEP.

OVERALL SITE PLAN

SCALE 1"=30'

TRUNK WATER MAIN BERM INSET

SCALE 1"=30'

30 0 15 30

SCALE: 1 INCH = 30 FEET

Date	Description	No.
09/13/2024	BULLETIN 21	3
03/28/2024	BULLETIN 10	2
11/15/2023	BULLETIN 1	1

Revisions

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

SIGNATURE DATE SIGNED

MICHELE O'CONNOR
PROFESSIONAL ENGINEER NY Lic. No. 086302

CLIENT:
RELATED
RELATED COMPANIES
30 HUDSON YARDS
NEW YORK, NY 10001
P: 212-801-1000

CLIENT:
STERLING EQUITIES
STERLING EQUITIES
111 GREAT NECK ROAD
GREAT NECK, NY 11021
P: 516-773-3800

LANDSCAPE ARCHITECT:
MPFP
MPFP
120 BROADWAY, 20TH FLOOR
NEW YORK, NY 10271
P: 212-477-6356

MEP ENGINEER:
GEA CONSULTING ENGINEERS
GEA CONSULTING ENGINEERS
545 8TH AVE, 11TH FLOOR
NEW YORK, NY 10018
P: 212-643-8806

CODE CONSULTANT:
CCI
215 WEST 40TH STREET, 10TH FLOOR
NEW YORK, NY 10018
P: 212-216-9096

COST ESTIMATOR:
STUART-LYNN COMPANY
STUART-LYNN COMPANY
16 WEST 18TH STREET, STE. 05-117
NEW YORK, NY 10011
P: 212-209-1180

LANGAN
Langan Engineering, Environmental, Surveying, Landscape Architecture, and Geology, D.P.C.
21 Penn Plaza, 360 West 31st Street, 8th Floor
New York, NY 10001
T: 212.479.5400 F: 212.479.5444 www.langan.com

Project

WILLETS POINT

QUEENS NEW YORK

Drawing Title

CONTRACT SCOPE PLAN

Project No.	Drawing No.
170197601	C-100.00
Date: 03/28/2024	
Drawn By: JF	
Checked By: MLN	Sheet of

© 2024 Langan

Willets Point OU-1
Trunk Water Main Construction

126th STREET/WILLETS POINT BOULEVARD
QUEENS, NEW YORK

Langan No. 170197620
BCP Site No. C241146

IMPORT MATERIAL PACKAGE

Material Type Virgin Sand

Source Facility Evergreen Recycling of Corona
127-50 Northern Blvd
Flushing, New York 11368

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). Use of this form is not a substitute for reading the applicable Technical Guidance document.

SECTION 1 – SITE BACKGROUND

The allowable site use is: Restricted Residential Use

Have Ecological Resources been identified? no

Is this soil originating from the site? no

How many cubic yards of soil will be imported/reused? >1000

If greater than 1000 cubic yards will be imported, enter volume to be imported: 2,000

SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone? no

Does it contain less than 10%, by weight, material that would pass a size 10 sieve? no

Does it contain less than 10%, by weight, material that would pass a size 100 sieve? yes

Is this virgin material from a permitted mine or quarry? yes

Is this material recycled concrete or brick from a DEC registered processing facility? no

SECTION 3 - SAMPLING

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

1 composite soil sample was analyzed for SVOCs, metals, PCBs, pesticides/herbicides
1 composite soil sample was analyzed for PFAS
2 grab soil samples were analyzed for VOCs

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):

The sample results meet the lower of the NYSDEC Part 375 Restricted Use Residential and Protection of Groundwater Soil Cleanup Objectives.

The laboratory analytical reports are attached. The results for VOCs and PFAS are provided in the York Analytical Report No. 23F1422. The results for SVOCs, metals, PCBs, and pesticides/herbicides are provided in the Pace Analytical Report 70252808.

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:

David Cinquemani - General Manager of Evergreen Recycling of Corona

Location where fill was obtained:

West Hills Silica Sand Mining Corp - 110 Sand Co., Huntington, New York

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

NYSDEC Mining Permit No. 1-4726-00330/00003

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:

1. EROC Facility Letter
2. DEC Mining Permit
3. NYS Mined Land Reclamation Database_Mine ID 10001
4. Laboratory Analytical Reports
5. Sieve Analysis

The information provided on this form is accurate and complete.

Nicholas Palumbo

Digitally signed by Nicholas Palumbo
DN: C=US, E=npalumbo@langan.com, O=Langan Engineering, CN=Nicholas Palumbo
Reason: I have reviewed this document
Date: 2023.06.29 17:20:51-04'00'

Signature

06-29-2023

Date

Nicholas Palumbo

Print Name

Langan Engineering

Firm

Evergreen Recycling Of Corona

127-50 Northern Blvd.Flushing, N.Y. 11368
718-205-8038 Fax 718-205-8202
Yard: 35th ave & Willets Point Blvd.

June 28, 2023

George Mathews
Triumph Construction
1354 Seneca Avenue
Bronx, NY 10474

Dear George,

Evergreen Recycling of Corona permit #41W93 an approved NYSDEC C&D facility is to supply Virgin Sand to the Remediation of Willets Pt Development OU-2 project. The material is represented by York Analytical Laboratories Project (SDG) No.; 23F1422 dated 6-27-23, one pile was tested to cover all testing. The virgin material was purchased from West Hills Silica Mining Co which is 110 Sand Co located in Huntington, NY. The permit no. is 1-4726-00330/00003. The material is Native material and has not been comingled with any other material and was not sourced from, or stored at, any environmentally impacted or contaminated properties, the summary table are included with submittal.

If there are any questions, please feel free to contact me at any time.

Sincerely,

David Cinquemani
General Manager

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Permits, Region 1
SUNY @ Stony Brook, 50 Circle Road, Stony Brook, NY 11790
P: (631) 444-0365 I F: (631) 444-0360
www.dec.ny.gov

September 23, 2020

West Hills Silica Sand Mining Co.
P.O. Box 650
Purchase, NY 10577

RE: Permit No. 1-4726-00330/00003

Dear Permittee:

In conformance with the requirements of the State Uniform Procedures Act (Article 70, ECL) and its implementing regulations (6NYCRR, Part 621) we are enclosing the permit identified above. Please carefully read all permit conditions and the schedule contained in the permit carefully to ensure compliance during the term of the permit. If you are unable to comply with any conditions, please contact us at the above address.

This permit must be kept available on the premises of the facility at all times.

Sincerely,

John A. Wieland
Permit Administrator

JAW/ls

PERMIT

Under the Environmental Conservation Law (ECL)

Permittee and Facility Information

Permit Issued To:
WEST HILLS SILICA SAND MINING CO
PO BOX 650
PURCHASE, NY 10577
(631) 249-4108

Facility:
110 SAND CO
136 SPAGNOLI RD
MELVILLE, NY 11746

Facility Location: in HUNTINGTON in SUFFOLK COUNTY
Facility Principal Reference Point: NYTM-E: 632.125 NYTM-N: 4513.814
Latitude: 40°45'52.9" Longitude: 73°26'04.4"
Authorized Activity: To continue to mine sand and gravel from 139 acres of a 139 acre Life of Mine on a 286 acre property. The reclamation of the site shall be in accordance with the special conditions of this permit and the solid waste management facility permit issued June 29, 2005. NYSDEC #1-4726-00490/00010.

Permit Authorizations

Mined Land Reclamation - Under Article 23, Title 27
Permit ID 1-4726-00330/00003 (Mined Land ID 10001)
Renewal Effective Date: 9/23/2020 Expiration Date: 9/22/2025

NYSDEC Approval

By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the ECL, all applicable regulations, and all conditions included as part of this permit.

Permit Administrator: JOHN A WIELAND, Deputy Regional Permit Administrator
Address: NYSDEC Region 1 Headquarters
SUNY @ Stony Brook|50 Circle Rd
Stony Brook, NY 11790-3409

Authorized Signature: _____ Date 09/23/2020

Permit Components

MINED LAND RECLAMATION PERMIT CONDITIONS

GENERAL CONDITIONS, APPLY TO ALL AUTHORIZED PERMITS

NOTIFICATION OF OTHER PERMITTEE OBLIGATIONS

MINED LAND RECLAMATION PERMIT CONDITIONS

1. **Bond, Surety to Remain in Force** Any required reclamation bond or other surety, in an amount determined by the Department, shall be maintained in full force and effect. Such a bond or other surety shall not be terminated until the reclamation of the mined area is approved by the department in writing.

2. **Strip and Stockpile Soils for Reclamation** Prior to the excavation of previously undisturbed areas, topsoil and overburden shall be stripped, stockpiled separately, and used for reclamation of mined areas. These stockpiles shall be seeded to establish a vegetative cover within 30 days, or as soon as practicable following their construction. The permittee shall locate all overburden stockpiles within the permitted area of the approved Life of Mine. Sufficient quantities of topsoil must be retained on the site for use in reclamation, unless prior approval is granted by the Department.

3. **Fueling of Equipment and Reporting of Spills** Fueling of equipment shall be controlled to prevent spillage. Any spillage of fuels, waste oils, other petroleum products or hazardous materials shall be reported to the Department's Spill Hotline number (1-800-457-7362) within 2 hours. The permittee shall retain the Department's Spill Response number for immediate access in the permittee's office and at the mine site.

4. **Conformance With Plans** All activities authorized by this permit must be in strict conformance with the approved plans submitted by the applicant or applicant's agent as part of the permit application. Such plans were approved by Robert Yager, Mined Land Reclamation Specialist on March 2, 2020 and consist of the following items:

   A. Mining permit application dated 12/17/2019 signed by Virgil M. Price.
   B. Organization report dated 12/17/2019 signed by Virgil M. Price II and notarized.
   C. Map called Topographic Survey prepared for West Hills Silica Sand Mining Corp. dated January 19, 2020 done by Fauser Associates P.C.
   D. Document dated October 27, 2004 called Sand Mining Narrative signed by James Debis P.E. (Modification to add 148 acres to the life of mine)
   E. Document dated February 10, 2004 called Part 1 Environmental Assessment Form and Attachments prepared and signed by Jim Debis – Engineer 110 Sand Company
   F. Map 1 Project 5306-03 dated April 28, 2003 called 110 Sand Company - Conceptual Plan for Clean Fill Disposal Site Expansion created by Lockwood, Kessler & Bartlett Inc.
   G. Map 2 Project 5306-03 dated April 28, 2003 called 110 Sand Company - Generalized Cross Sections A-A &B-B created by Lockwood, Kessler & Bartlett Inc.

5. **No Unpermitted Discharge Outside Limits of Mine** There shall be no natural swales or channels or constructed features such as ditches, pipes, etc., that are capable of discharging waters to any offsite areas or to any areas outside the limits of the Life of Mine except those explicitly described and shown in the narrative and graphic portions of the approved Mined Land Use Plan. All silt laden water and storm water generated on, or running across, the site shall be retained within the approved project area. The permittee must comply with all applicable State Pollutant Discharge Elimination System (SPDES) permit requirements and provide necessary notifications for off-site point source discharges.

6. **Maintain Area Markers for Permit Term** The permittee shall provide permanent markers such as stakes, posts or other devices acceptable to the Department to identify and delineate the permit area, as outlined on the approved Mining Plan Map. These markers are to be installed prior to the start of mining and shall be maintained for the duration of the permit term.

7. **Dust Control** Water or other approved dust palliatives must be applied to haulageways and other parts of the mine, as often as necessary, to prevent visible dust from leaving the mine property.

GENERAL CONDITIONS - Apply to ALL Authorized Permits:

1. **Facility Inspection by The Department** The permitted site or facility, including relevant records, is subject to inspection at reasonable hours and intervals by an authorized representative of the Department of Environmental Conservation (the Department) to determine whether the permittee is complying with this permit and the ECL. Such representative may order the work suspended pursuant to ECL 71- 0301 and SAPA 401(3).

The permittee shall provide a person to accompany the Department's representative during an inspection to the permit area when requested by the Department.

A copy of this permit, including all referenced maps, drawings and special conditions, must be available for inspection by the Department at all times at the project site or facility. Failure to produce a copy of the permit upon request by a Department representative is a violation of this permit.

2. **Relationship of this Permit to Other Department Orders and Determinations** Unless expressly provided for by the Department, issuance of this permit does not modify, supersede or rescind any order or determination previously issued by the Department or any of the terms, conditions or requirements contained in such order or determination.

3. **Applications For Permit Renewals, Modifications or Transfers** The permittee must submit a separate written application to the Department for permit renewal, modification or transfer of this permit. Such application must include any forms or supplemental information the Department requires. Any renewal, modification or transfer granted by the Department must be in writing. Submission of applications for permit renewal, modification or transfer are to be submitted to:

Regional Permit Administrator
NYSDEC Region 1 Headquarters
SUNY @ Stony Brook|50 Circle Rd
Stony Brook, NY11790 -3409

4. **Submission of Renewal Application** The permittee must submit a renewal application at least 30 days before permit expiration for the following permit authorizations: Mined Land Reclamation.

5. **Permit Modifications, Suspensions and Revocations by the Department** The Department reserves the right to exercise all available authority to modify, suspend or revoke this permit. The grounds for modification, suspension or revocation include:

a. materially false or inaccurate statements in the permit application or supporting papers;

b. failure by the permittee to comply with any terms or conditions of the permit;

c. exceeding the scope of the project as described in the permit application;

d. newly discovered material information or a material change in environmental conditions, relevant technology or applicable law or regulations since the issuance of the existing permit;

e. noncompliance with previously issued permit conditions, orders of the commissioner, any provisions of the Environmental Conservation Law or regulations of the Department related to the permitted activity.

6. **Permit Transfer** Permits are transferrable unless specifically prohibited by statute, regulation or another permit condition. Applications for permit transfer should be submitted prior to actual transfer of ownership.

NOTIFICATION OF OTHER PERMITTEE OBLIGATIONS

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification
The permittee, excepting state or federal agencies, expressly agrees to indemnify and hold harmless the Department of Environmental Conservation of the State of New York, its representatives, employees, and agents ("DEC") for all claims, suits, actions, and damages, to the extent attributable to the permittee's acts or omissions in connection with the permittee's undertaking of activities in connection with, or operation and maintenance of, the facility or facilities authorized by the permit whether in compliance or not in compliance with the terms and conditions of the permit. This indemnification does not extend to any claims, suits, actions, or damages to the extent attributable to DEC's own negligent or intentional acts or omissions, or to any claims, suits, or actions naming the DEC and arising under Article 78 of the New York Civil Practice Laws and Rules or any citizen suit or civil rights provision under federal or state laws.

Item B: Permittee's Contractors to Comply with Permit
The permittee is responsible for informing its independent contractors, employees, agents and assigns of their responsibility to comply with this permit, including all special conditions while acting as the permittee's agent with respect to the permitted activities, and such persons shall be subject to the same sanctions for violations of the Environmental Conservation Law as those prescribed for the permittee.

Item C: Permittee Responsible for Obtaining Other Required Permits
The permittee is responsible for obtaining any other permits, approvals, lands, easements and rights-of-way that may be required to carry out the activities that are authorized by this permit.

Item D: No Right to Trespass or Interfere with Riparian Rights
This permit does not convey to the permittee any right to trespass upon the lands or interfere with the riparian rights of others in order to perform the permitted work nor does it authorize the impairment of any rights, title, or interest in real or personal property held or vested in a person not a party to the permit.

The New York State
Department of Environmental Conservation
has issued a

MINING PERMIT

pursuant to the Environmental Conservation Law for the mining operation being conducted on this site. For more information regarding the nature and extent of work approved, contact the Mined Land Reclamation Specialist shown below. Please refer to the mine file number shown when contacting the D.E.C.

1-4726-00336/00003

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Search Parameters:[Go Back]

- Permittee Name like West Hills

Export XLS Export CSV Export KML

Record Count: 1 Rows: 1 to 1

Mine ID	Permittee Name	Mine Name	First Name	Last Name	Address 1	Address 2	City	State	Zip 1	Zip 2	Phone	Status	Mine Location	County	Town	Current Permit Acres	Acres Life of Mine	Acres Reclaimed	Commodity	Last Permit Expires	First Permit Date	Last Permit Issued	Last Inspection Date	General Inspections	Latitude	Longitude	Reclamation Type	Reclamation Inspections	Financial Security	Regulatory Acreage Range	Underground Acres	Last Modified Date
10001	West Hills Silica Sand Mining Corp	110 Sand Co.	Kevin	Boland	P.O. Box 650		Purchase	NY	10577	0036	(914) 967-0477	Permitted	Bethpage-Spagnoli Rd, Melville View Map	Suffolk	Huntington	159.00	257.00	98.00	Sand and Gravel	09/22/2025	11/23/1982	09/23/2020	07/29/2022	Inspection Record	40.7645	73.42877	Other		$0.01	> 30 acres	No	11/26/2013

Record Count: 1 Rows: 1 to 1

Export XLS Export CSV Export KML

Technical Report

prepared for:

Triumph Construction
1354 Seneca Avenue
Bronx NY, 10474
Attention: George Mathews

Report Date: 06/27/2023
Client Project ID: EROC
York Project (SDG) No.: 23F1422

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 06/27/2023
Client Project ID: EROC
York Project (SDG) No.: 23F1422

Triumph Construction
1354 Seneca Avenue
Bronx NY, 10474
Attention: George Mathews

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on June 22, 2023 and listed below. The project was identified as your project: **EROC**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
23F1422-01	VOC-1	Soil	06/22/2023	06/22/2023
23F1422-02	VOC-2	Soil	06/22/2023	06/22/2023
23F1422-03	PFAS-1	Soil	06/22/2023	06/22/2023
23F1422-04	Trip Blank	Water	06/22/2023	06/22/2023
23F1422-05	PFAS Fiel Blank	Water	06/22/2023	06/22/2023

General Notes for York Project (SDG) No.: 23F1422

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By:

Date: 06/27/2023

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: VOC-1 **York Sample ID:** 23F1422-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23F1422	EROC	Soil	June 22, 2023 10:00 am	06/22/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	06/23/2023 09:36	06/23/2023 12:44 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	06/23/2023 09:36	06/23/2023 12:44 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	06/23/2023 09:36	06/23/2023 12:44 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	06/23/2023 09:36	06/23/2023 12:44 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	06/23/2023 09:36	06/23/2023 12:44 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	06/23/2023 09:36	06/23/2023 12:44 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	06/23/2023 09:36	06/23/2023 12:44 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	06/23/2023 09:36	06/23/2023 12:44 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	06/23/2023 09:36	06/23/2023 12:44 NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	06/23/2023 09:36	06/23/2023 12:44 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	06/23/2023 09:36	06/23/2023 12:44 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	06/23/2023 09:36	06/23/2023 12:44 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	06/23/2023 09:36	06/23/2023 12:44 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	06/23/2023 09:36	06/23/2023 12:44 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	06/23/2023 09:36	06/23/2023 12:44 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	06/23/2023 09:36	06/23/2023 12:44 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	06/23/2023 09:36	06/23/2023 12:44 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	06/23/2023 09:36	06/23/2023 12:44 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC

Sample Information

Client Sample ID: VOC-1 **York Sample ID:** 23F1422-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23F1422	EROC	Soil	June 22, 2023 10:00 am	06/22/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	06/23/2023 09:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/23/2023 12:44	BMC
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.050	0.10	1	EPA 8260C Certifications:	06/23/2023 09:36 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/23/2023 12:44	BMC
78-93-3	2-Butanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	06/23/2023 09:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/23/2023 12:44	BMC
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	06/23/2023 09:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/23/2023 12:44	BMC
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	06/23/2023 09:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/23/2023 12:44	BMC
67-64-1	Acetone	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications:	06/23/2023 09:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/23/2023 12:44	BMC
107-02-8	Acrolein	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications:	06/23/2023 09:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/23/2023 12:44	BMC
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	06/23/2023 09:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/23/2023 12:44	BMC
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	06/23/2023 09:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/23/2023 12:44	BMC
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	06/23/2023 09:36 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/23/2023 12:44	BMC
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	06/23/2023 09:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/23/2023 12:44	BMC
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	06/23/2023 09:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/23/2023 12:44	BMC
74-83-9	Bromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	06/23/2023 09:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/23/2023 12:44	BMC
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	06/23/2023 09:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/23/2023 12:44	BMC
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	06/23/2023 09:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/23/2023 12:44	BMC
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	06/23/2023 09:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/23/2023 12:44	BMC
75-00-3	Chloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	06/23/2023 09:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/23/2023 12:44	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	06/23/2023 09:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/23/2023 12:44	BMC
74-87-3	Chloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	06/23/2023 09:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/23/2023 12:44	BMC

Sample Information

Client Sample ID: VOC-1 **York Sample ID:** 23F1422-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23F1422	EROC	Soil	June 22, 2023 10:00 am	06/22/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	06/23/2023 09:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/23/2023 12:44	BMC
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	06/23/2023 09:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/23/2023 12:44	BMC
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	06/23/2023 09:36 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/23/2023 12:44	BMC
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	06/23/2023 09:36 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/23/2023 12:44	BMC
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	06/23/2023 09:36 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/23/2023 12:44	BMC
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	06/23/2023 09:36 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/23/2023 12:44	BMC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	06/23/2023 09:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/23/2023 12:44	BMC
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	06/23/2023 09:36 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/23/2023 12:44	BMC
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	06/23/2023 09:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/23/2023 12:44	BMC
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	06/23/2023 09:36 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/23/2023 12:44	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	06/23/2023 09:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/23/2023 12:44	BMC
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	06/23/2023 09:36 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/23/2023 12:44	BMC
75-09-2	Methylene chloride	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications:	06/23/2023 09:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/23/2023 12:44	BMC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	06/23/2023 09:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/23/2023 12:44	BMC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	06/23/2023 09:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/23/2023 12:44	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	06/23/2023 09:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	06/23/2023 12:44	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications:	06/23/2023 09:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	06/23/2023 12:44	BMC
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	06/23/2023 09:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/23/2023 12:44	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	06/23/2023 09:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/23/2023 12:44	BMC

Sample Information

Client Sample ID: VOC-1 **York Sample ID:** 23F1422-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23F1422	EROC	Soil	June 22, 2023 10:00 am	06/22/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	06/23/2023 09:36	06/23/2023 12:44	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-65-0	tert-Butyl alcohol (TBA)	ND	QL-02	mg/kg dry	0.0025	0.0050	1	EPA 8260C	06/23/2023 09:36	06/23/2023 12:44	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	06/23/2023 09:36	06/23/2023 12:44	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0025	0.0050	1	EPA 8260C	06/23/2023 09:36	06/23/2023 12:44	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	06/23/2023 09:36	06/23/2023 12:44	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	06/23/2023 09:36	06/23/2023 12:44	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	06/23/2023 09:36	06/23/2023 12:44	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	06/23/2023 09:36	06/23/2023 12:44	BMC
								Certifications:	CTDOH-PH-0723		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	06/23/2023 09:36	06/23/2023 12:44	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	06/23/2023 09:36	06/23/2023 12:44	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	06/23/2023 09:36	06/23/2023 12:44	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0075	0.015	1	EPA 8260C	06/23/2023 09:36	06/23/2023 12:44	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*99.7 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.5 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.4 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**93.1**		%	0.100	1	SM 2540G	06/26/2023 17:54	06/26/2023 17:55	AC
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: VOC-2 **York Sample ID:** 23F1422-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23F1422	EROC	Soil	June 22, 2023 10:05 am	06/22/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	06/23/2023 09:36	06/23/2023 13:12 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	06/23/2023 09:36	06/23/2023 13:12 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	06/23/2023 09:36	06/23/2023 13:12 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	06/23/2023 09:36	06/23/2023 13:12 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	06/23/2023 09:36	06/23/2023 13:12 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	06/23/2023 09:36	06/23/2023 13:12 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	06/23/2023 09:36	06/23/2023 13:12 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	06/23/2023 09:36	06/23/2023 13:12 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	06/23/2023 09:36	06/23/2023 13:12 NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	06/23/2023 09:36	06/23/2023 13:12 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	06/23/2023 09:36	06/23/2023 13:12 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	06/23/2023 09:36	06/23/2023 13:12 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	06/23/2023 09:36	06/23/2023 13:12 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	06/23/2023 09:36	06/23/2023 13:12 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	06/23/2023 09:36	06/23/2023 13:12 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	06/23/2023 09:36	06/23/2023 13:12 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	06/23/2023 09:36	06/23/2023 13:12 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	06/23/2023 09:36	06/23/2023 13:12 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC

Sample Information

Client Sample ID: VOC-2 **York Sample ID:** 23F1422-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23F1422	EROC	Soil	June 22, 2023 10:05 am	06/22/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	06/23/2023 09:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/23/2023 13:12	BMC
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.047	0.095	1	EPA 8260C Certifications:	06/23/2023 09:36 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/23/2023 13:12	BMC
78-93-3	2-Butanone	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	06/23/2023 09:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/23/2023 13:12	BMC
591-78-6	2-Hexanone	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	06/23/2023 09:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/23/2023 13:12	BMC
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	06/23/2023 09:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/23/2023 13:12	BMC
67-64-1	Acetone	ND		mg/kg dry	0.0047	0.0095	1	EPA 8260C Certifications:	06/23/2023 09:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/23/2023 13:12	BMC
107-02-8	Acrolein	ND		mg/kg dry	0.0047	0.0095	1	EPA 8260C Certifications:	06/23/2023 09:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/23/2023 13:12	BMC
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	06/23/2023 09:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/23/2023 13:12	BMC
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	06/23/2023 09:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/23/2023 13:12	BMC
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	06/23/2023 09:36 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/23/2023 13:12	BMC
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	06/23/2023 09:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/23/2023 13:12	BMC
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	06/23/2023 09:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/23/2023 13:12	BMC
74-83-9	Bromomethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	06/23/2023 09:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/23/2023 13:12	BMC
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	06/23/2023 09:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/23/2023 13:12	BMC
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	06/23/2023 09:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/23/2023 13:12	BMC
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	06/23/2023 09:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/23/2023 13:12	BMC
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	06/23/2023 09:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/23/2023 13:12	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	06/23/2023 09:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/23/2023 13:12	BMC
74-87-3	Chloromethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	06/23/2023 09:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/23/2023 13:12	BMC

Sample Information

Client Sample ID: VOC-2 **York Sample ID:** 23F1422-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23F1422	EROC	Soil	June 22, 2023 10:05 am	06/22/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	06/23/2023 09:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/23/2023 13:12	BMC
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	06/23/2023 09:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/23/2023 13:12	BMC
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	06/23/2023 09:36 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/23/2023 13:12	BMC
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	06/23/2023 09:36 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/23/2023 13:12	BMC
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	06/23/2023 09:36 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/23/2023 13:12	BMC
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	06/23/2023 09:36 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/23/2023 13:12	BMC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	06/23/2023 09:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/23/2023 13:12	BMC
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	06/23/2023 09:36 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/23/2023 13:12	BMC
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	06/23/2023 09:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/23/2023 13:12	BMC
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	06/23/2023 09:36 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/23/2023 13:12	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	06/23/2023 09:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/23/2023 13:12	BMC
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	06/23/2023 09:36 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/23/2023 13:12	BMC
75-09-2	Methylene chloride	ND		mg/kg dry	0.0047	0.0095	1	EPA 8260C Certifications:	06/23/2023 09:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/23/2023 13:12	BMC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	06/23/2023 09:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/23/2023 13:12	BMC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	06/23/2023 09:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/23/2023 13:12	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	06/23/2023 09:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	06/23/2023 13:12	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0047	0.0095	1	EPA 8260C Certifications:	06/23/2023 09:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	06/23/2023 13:12	BMC
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	06/23/2023 09:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/23/2023 13:12	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications:	06/23/2023 09:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/23/2023 13:12	BMC

Sample Information

Client Sample ID: VOC-2 **York Sample ID:** 23F1422-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23F1422	EROC	Soil	June 22, 2023 10:05 am	06/22/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	06/23/2023 09:36	06/23/2023 13:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-65-0	tert-Butyl alcohol (TBA)	ND	QL-02	mg/kg dry	0.0024	0.0047	1	EPA 8260C	06/23/2023 09:36	06/23/2023 13:12	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	06/23/2023 09:36	06/23/2023 13:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0024	0.0047	1	EPA 8260C	06/23/2023 09:36	06/23/2023 13:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	06/23/2023 09:36	06/23/2023 13:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	06/23/2023 09:36	06/23/2023 13:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	06/23/2023 09:36	06/23/2023 13:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	06/23/2023 09:36	06/23/2023 13:12	BMC
								Certifications:	CTDOH-PH-0723		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	06/23/2023 09:36	06/23/2023 13:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	06/23/2023 09:36	06/23/2023 13:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	06/23/2023 09:36	06/23/2023 13:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0071	0.014	1	EPA 8260C	06/23/2023 09:36	06/23/2023 13:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*100 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.6 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.0 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**95.5**		%	0.100	1	SM 2540G	06/26/2023 17:54	06/26/2023 17:55	AC
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: PFAS-1 **York Sample ID:** 23F1422-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23F1422	EROC	Soil	June 22, 2023 10:10 am	06/22/2023

PFAS by EPA 537 m

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.240	1	EPA 537m Certifications:	06/22/2023 15:05	06/27/2023 13:26	WEL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.240	1	EPA 537m Certifications:	06/22/2023 15:05	06/27/2023 13:26	WEL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.240	1	EPA 537m Certifications:	06/22/2023 15:05	06/27/2023 13:26	WEL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.240	1	EPA 537m Certifications:	06/22/2023 15:05	06/27/2023 13:26	WEL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.240	1	EPA 537m Certifications:	06/22/2023 15:05	06/27/2023 13:26	WEL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.240	1	EPA 537m Certifications:	06/22/2023 15:05	06/27/2023 13:26	WEL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.240	1	EPA 537m Certifications:	06/22/2023 15:05	06/27/2023 13:26	WEL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.240	1	EPA 537m Certifications:	06/22/2023 15:05	06/27/2023 13:26	WEL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.240	1	EPA 537m Certifications:	06/22/2023 15:05	06/27/2023 13:26	WEL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.240	1	EPA 537m Certifications:	06/22/2023 15:05	06/27/2023 13:26	WEL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.240	1	EPA 537m Certifications:	06/22/2023 15:05	06/27/2023 13:26	WEL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.240	1	EPA 537m Certifications:	06/22/2023 15:05	06/27/2023 13:26	WEL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.240	1	EPA 537m Certifications:	06/22/2023 15:05	06/27/2023 13:26	WEL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.240	1	EPA 537m Certifications:	06/22/2023 15:05	06/27/2023 13:26	WEL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.240	1	EPA 537m Certifications:	06/22/2023 15:05	06/27/2023 13:26	WEL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.240	1	EPA 537m Certifications:	06/22/2023 15:05	06/27/2023 13:26	WEL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.240	1	EPA 537m Certifications:	06/22/2023 15:05	06/27/2023 13:26	WEL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.240	1	EPA 537m Certifications:	06/22/2023 15:05	06/27/2023 13:26	WEL

Sample Information

Client Sample ID: PFAS-1 **York Sample ID:** 23F1422-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23F1422	EROC	Soil	June 22, 2023 10:10 am	06/22/2023

PFAS by EPA 537 m

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.240	1	EPA 537m Certifications:	06/22/2023 15:05	06/27/2023 13:26	WEL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.240	1	EPA 537m Certifications:	06/22/2023 15:05	06/27/2023 13:26	WEL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.240	1	EPA 537m Certifications:	06/22/2023 15:05	06/27/2023 13:26	WEL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*128 %*	*25-150*
Surrogate: M5PFHxA	*138 %*	*25-150*
Surrogate: M4PFHpA	*136 %*	*25-150*
Surrogate: M3PFHxS	*132 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*121 %*	*25-150*
Surrogate: M6PFDA	*87.3 %*	*25-150*
Surrogate: M7PFUdA	*62.5 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*60.0 %*	*25-150*
Surrogate: M2PFTeDA	*71.5 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*137 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*94.9 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*139 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*49.1 %*	*10-150*
Surrogate: d3-N-MeFOSAA	*67.9 %*	*25-150*
Surrogate: d5-N-EtFOSAA	*72.4 %*	*25-150*
Surrogate: M2-6:2 FTS	*114 %*	*25-200*
Surrogate: M2-8:2 FTS	*88.9 %*	*25-200*
Surrogate: M9PFNA	*116 %*	*25-150*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**94.2**		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	06/23/2023 17:35	06/23/2023 17:38	AC

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **23F1422-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23F1422	EROC	Water	June 22, 2023 11:45 am	06/22/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2023 11:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/22/2023 18:00	JTG
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2023 11:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/22/2023 18:00	JTG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2023 11:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/22/2023 18:00	JTG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2023 11:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/22/2023 18:00	JTG
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2023 11:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/22/2023 18:00	JTG
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2023 11:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/22/2023 18:00	JTG
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2023 11:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/22/2023 18:00	JTG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2023 11:48 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/22/2023 18:00	JTG
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2023 11:48 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/22/2023 18:00	JTG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2023 11:48 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/22/2023 18:00	JTG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2023 11:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/22/2023 18:00	JTG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2023 11:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/22/2023 18:00	JTG
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2023 11:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/22/2023 18:00	JTG
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2023 11:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/22/2023 18:00	JTG
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2023 11:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/22/2023 18:00	JTG
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2023 11:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/22/2023 18:00	JTG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2023 11:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/22/2023 18:00	JTG
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2023 11:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/22/2023 18:00	JTG

Sample Information

Client Sample ID: Trip Blank

York Sample ID: 23F1422-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23F1422	EROC	Water	June 22, 2023 11:45 am	06/22/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2023 11:48	06/22/2023 18:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications:	06/22/2023 11:48	06/22/2023 18:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
78-93-3	**2-Butanone**	**8.6**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2023 11:48	06/22/2023 18:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	JTG
591-78-6	**2-Hexanone**	**1.3**	CCVE	ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2023 11:48	06/22/2023 18:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	JTG
108-10-1	4-Methyl-2-pentanone	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2023 11:48	06/22/2023 18:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
67-64-1	**Acetone**	**18**	CCVE	ug/L	1.0	2.0	1	EPA 8260C Certifications:	06/22/2023 11:48	06/22/2023 18:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	JTG
107-02-8	Acrolein	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2023 11:48	06/22/2023 18:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2023 11:48	06/22/2023 18:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2023 11:48	06/22/2023 18:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2023 11:48	06/22/2023 18:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2023 11:48	06/22/2023 18:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2023 11:48	06/22/2023 18:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2023 11:48	06/22/2023 18:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
75-15-0	**Carbon disulfide**	**0.20**	J, B	ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2023 11:48	06/22/2023 18:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	JTG
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2023 11:48	06/22/2023 18:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2023 11:48	06/22/2023 18:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2023 11:48	06/22/2023 18:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2023 11:48	06/22/2023 18:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2023 11:48	06/22/2023 18:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG

Sample Information

Client Sample ID: Trip Blank

York Sample ID: 23F1422-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23F1422	EROC	Water	June 22, 2023 11:45 am	06/22/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2023 11:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/22/2023 18:00	JTG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2023 11:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/22/2023 18:00	JTG
110-82-7	Cyclohexane	ND	QL-02	ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2023 11:48 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/22/2023 18:00	JTG
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2023 11:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/22/2023 18:00	JTG
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2023 11:48 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/22/2023 18:00	JTG
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2023 11:48 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/22/2023 18:00	JTG
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2023 11:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/22/2023 18:00	JTG
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2023 11:48 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/22/2023 18:00	JTG
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2023 11:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/22/2023 18:00	JTG
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2023 11:48 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/22/2023 18:00	JTG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2023 11:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/22/2023 18:00	JTG
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2023 11:48 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/22/2023 18:00	JTG
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	06/22/2023 11:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/22/2023 18:00	JTG
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2023 11:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/22/2023 18:00	JTG
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2023 11:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/22/2023 18:00	JTG
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2023 11:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	06/22/2023 18:00	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	06/22/2023 11:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	06/22/2023 18:00	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2023 11:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/22/2023 18:00	JTG
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2023 11:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	06/22/2023 18:00	JTG

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **23F1422-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23F1422	EROC	Water	June 22, 2023 11:45 am	06/22/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2023 11:48	06/22/2023 18:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
75-65-0	**tert-Butyl alcohol (TBA)**	**11**		ug/L	0.50	1.0	1	EPA 8260C Certifications:	06/22/2023 11:48	06/22/2023 18:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2023 11:48	06/22/2023 18:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2023 11:48	06/22/2023 18:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2023 11:48	06/22/2023 18:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2023 11:48	06/22/2023 18:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2023 11:48	06/22/2023 18:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2023 11:48	06/22/2023 18:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	JTG
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2023 11:48	06/22/2023 18:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2023 11:48	06/22/2023 18:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/22/2023 11:48	06/22/2023 18:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	06/22/2023 11:48	06/22/2023 18:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	JTG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.0 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*90.6 %*	*79-122*

Sample Information

Client Sample ID: **PFAS Fiel Blank** **York Sample ID:** **23F1422-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23F1422	EROC	Water	June 22, 2023 10:10 am	06/22/2023

Sample Information

Client Sample ID: PFAS Fiel Blank

York Sample ID: 23F1422-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23F1422	EROC	Water	June 22, 2023 10:10 am	06/22/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.892	3.36	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/22/2023 15:18	06/27/2023 11:20	ESJ
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.664	3.80	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/22/2023 15:18	06/27/2023 11:20	ESJ
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	1.35	3.80	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/22/2023 15:18	06/27/2023 11:20	ESJ
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	1.29	3.47	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/22/2023 15:18	06/27/2023 11:20	ESJ
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.797	3.80	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/22/2023 15:18	06/27/2023 11:20	ESJ
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	1.56	3.53	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/22/2023 15:18	06/27/2023 11:20	ESJ
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.987	3.80	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/22/2023 15:18	06/27/2023 11:20	ESJ
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	1.42	3.80	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/22/2023 15:18	06/27/2023 11:20	ESJ
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	2.14	3.80	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/22/2023 15:18	06/27/2023 11:20	ESJ
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	1.67	3.80	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/22/2023 15:18	06/27/2023 11:20	ESJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.40	3.80	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/22/2023 15:18	06/27/2023 11:20	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.31	3.80	1	EPA 1633 Draft 3 Certifications:	06/22/2023 15:18	06/27/2023 11:20	ESJ
2355-31-9	N-MeFOSAA	ND		ng/L	1.50	3.80	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/22/2023 15:18	06/27/2023 11:20	ESJ
2991-50-6	N-EtFOSAA	ND		ng/L	1.96	3.80	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/22/2023 15:18	06/27/2023 11:20	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.437	7.59	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/22/2023 15:18	06/27/2023 11:20	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	1.67	3.80	1	EPA 1633 Draft 3 Certifications:	06/22/2023 15:18	06/27/2023 11:20	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	1.73	3.63	1	EPA 1633 Draft 3 Certifications:	06/22/2023 15:18	06/27/2023 11:20	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	2.51	3.66	1	EPA 1633 Draft 3 Certifications:	06/22/2023 15:18	06/27/2023 11:20	ESJ
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	2.01	14.4	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/22/2023 15:18	06/27/2023 11:20	ESJ

Sample Information

Client Sample ID: PFAS Fiel Blank

York Sample ID: 23F1422-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23F1422	EROC	Water	June 22, 2023 10:10 am	06/22/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	3.89	14.6	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/22/2023 15:18	06/27/2023 11:20	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.626	15.2	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/22/2023 15:18	06/27/2023 11:20	ESJ
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.949	6.76	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/22/2023 15:18	06/27/2023 11:20	ESJ
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	4.06	7.59	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/22/2023 15:18	06/27/2023 11:20	ESJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.475	7.59	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/22/2023 15:18	06/27/2023 11:20	ESJ
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.702	7.59	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/22/2023 15:18	06/27/2023 11:20	ESJ
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	1.44	3.57	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/22/2023 15:18	06/27/2023 11:20	ESJ
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	3.40	14.2	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/22/2023 15:18	06/27/2023 11:20	ESJ
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	6.13	15.2	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/22/2023 15:18	06/27/2023 11:20	ESJ
763051-92-9	11CL-PF3OUdS	ND		ng/L	2.62	14.3	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/22/2023 15:18	06/27/2023 11:20	ESJ
756426-58-1	9CL-PF3ONS	ND		ng/L	1.33	14.2	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/22/2023 15:18	06/27/2023 11:20	ESJ
919005-14-4	ADONA	ND		ng/L	1.01	14.3	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/22/2023 15:18	06/27/2023 11:20	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	1.77	3.68	1	EPA 1633 Draft 3 Certifications:	06/22/2023 15:18	06/27/2023 11:20	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	1.63	3.64	1	EPA 1633 Draft 3 Certifications:	06/22/2023 15:18	06/27/2023 11:20	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	3.85	9.49	1	EPA 1633 Draft 3 Certifications:	06/22/2023 15:18	06/27/2023 11:20	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	13.9	47.5	1	EPA 1633 Draft 3 Certifications:	06/22/2023 15:18	06/27/2023 11:20	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	18.0	47.5	1	EPA 1633 Draft 3 Certifications:	06/22/2023 15:18	06/27/2023 11:20	ESJ
24448-09-7	* N-MeFOSE	ND		ng/L	7.57	38.0	1	EPA 1633 Draft 3 Certifications:	06/22/2023 15:18	06/27/2023 11:20	ESJ
31506-32-8	* N-MeFOSA	ND		ng/L	3.00	3.80	1	EPA 1633 Draft 3 Certifications:	06/22/2023 15:18	06/27/2023 11:20	ESJ

Sample Information

Client Sample ID: PFAS Fiel Blank

York Sample ID: 23F1422-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23F1422	EROC	Water	June 22, 2023 10:10 am	06/22/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1691-99-2	* N-EtFOSE	ND		ng/L	7.57	38.0	1	EPA 1633 Draft 3 Certifications:	06/22/2023 15:18	06/27/2023 11:20	ESJ
4151-50-2	* N-EtFOSA	ND		ng/L	3.42	3.80	1	EPA 1633 Draft 3 Certifications:	06/22/2023 15:18	06/27/2023 11:20	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*113 %*	*25-150*
Surrogate: M5PFHxA	*133 %*	*25-150*
Surrogate: M4PFHpA	*147 %*	*25-150*
Surrogate: M3PFHxS	*126 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*114 %*	*25-150*
Surrogate: M6PFDA	*83.7 %*	*25-150*
Surrogate: M7PFUdA	*81.5 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*94.2 %*	*25-150*
Surrogate: M2PFTeDA	*60.6 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*18.6 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*167 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*117 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*130 %*	*10-150*
Surrogate: d3-N-MeFOSAA	*124 %*	*25-150*
Surrogate: d5-N-EtFOSAA	*151 %*	*25-150*
Surrogate: M2-6:2 FTS	*146 %*	*25-200*
Surrogate: M2-8:2 FTS	*105 %*	*25-200*
Surrogate: M9PFNA	*100 %*	*25-150*
Surrogate: M2-4:2 FTS	*114 %*	*25-150*
Surrogate: d-N-MeFOSA	*105 %*	*25-150*
Surrogate: d-N-EtFOSA	*103 %*	*25-150*
Surrogate: M3HFPO-DA	*124 %*	*25-150*
Surrogate: d9-N-EtFOSE	*56.6 %*	*25-150*
Surrogate: d7-N-MeFOSE	*64.8 %*	*25-150*

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
23F1422-01	VOC-1	40mL Vial with Stir Bar-Cool 4° C
23F1422-02	VOC-2	40mL Vial with Stir Bar-Cool 4° C
23F1422-04	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon current NELAC/TNI Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 23F1422

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | 56 Church Hill Rd. #2 Newtown, CT 06470 | clientservices@yorklab.com | www.yorklab.com | 800-306-YORK

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Tenen Env LLC	Company:	Company:	EROC	RUSH - Next Day ☐
Address: 121 W27th St. NY NY 10001	Address:	Address:	YOUR Project Name: EROC	RUSH - Two Day ☐
Phone.: 646 600 2332	Phone.:	Phone.:		RUSH - Three Day ☒
Contact: m carroll@tenen-env.com	Contact:	Contact:		RUSH - Four Day ☐
E-mail: m carrd	E-mail:	E-mail:	YOUR PO#:	RUSH - Five Day ☐
				Standard (6-9 Day) ☐
				PFAS Standard is 7-10 Days

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Houpong Lau

Samples Collected by: (print AND sign your name)

Matrix Codes	Samples From		Report / EDD Type (circle selections)			YORK Reg. Comp.
S - soil / solid	New York	X	Summary Report	CT RCP	EQuIS (Standard)	Compared to the following Regulation(s): (please fill in)
GW - groundwater	New Jersey		QA Report	CT RCP DQA/DUE	NYSDEC EQuIS	
DW - drinking water	Connecticut		CMDP	NJDEP Reduced Deliverables	NJDKQP	
WW - wastewater	Pennsylvania		Standard Excel EDD		NJDEP SRP HazSite	
O - Oil | Other	Other:		NY ASP B Package	Other:		

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
VOC-1	S	6/22/23 1000	VOCs		4
VOC-2	S	6/22/23 1005	VOCs		4
PFAS-1	S	6/22/23 1010	PFAS		1
Trip Blank		6/22/23	VOCs		

Comments:

Preservation: (check all that apply)
HCl ___ MeOH / HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction
Field Filtered ☐
Lab to Filter ☐

Samples iced/chilled at time of lab pickup? circle Yes or No

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Houpong HP Lau	6/22/23 1145	YORK	06/22/23 1145 2C/on ice	YORK	
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				WH/YORK	6/22/23 2:30pm 5 Degrees C

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
516-370-6000

April 24, 2023

Dave Cinquemani
Evergreen Recycling of Corona
127-50 Northern Blvd
Corona, NY 11368

RE: Project: SCA SAND 022020
Pace Project No.: 70252808

Dear Dave Cinquemani:

Enclosed are the analytical results for sample(s) received by the laboratory on April 13, 2023. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Melville

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lori Beyer

Lori A. Beyer
lori.beyer@pacelabs.com
(516)370-6014
Project Manager

Enclosures

cc: Dean Devoe, Tully Environmental
Accounts Payable, Evergreen Recycling of Corona

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without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
516-370-6000

CERTIFICATIONS

Project: SCA SAND 022020
Pace Project No.: 70252808

Pace Analytical Services Long Island
575 Broad Hollow Rd, Melville, NY 11747
Connecticut Certification #: PH-0435
Delaware Certification # NY 10478
Maryland Certification #: 208
Massachusetts Certification #: M-NY026
New Hampshire Certification #: 2987
New Jersey Certification #: NY158
New York Certification #: 10478 Primary Accrediting Body
Pennsylvania Certification #: 68-00350
Rhode Island Certification #: LAO00340
Virginia Certification # 460302

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Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
516-370-6000

ANALYTICAL RESULTS

Project: SCA SAND 022020
Pace Project No.: 70252808

Sample: SCA SAND 022020 **Lab ID: 70252808001** Collected: 04/13/23 10:15 Received: 04/13/23 17:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8151 Chlorinated Herbicides	Analytical Method: EPA 8151A Preparation Method: EPA 8151A Pace Analytical Services - Melville							
2,4,5-TP (Silvex)	**<5.2**	ug/kg	5.2	1	04/17/23 08:30	04/20/23 15:10	93-72-1	
Surrogates								
2,4-DCAA (S)	85	%	10-157	1	04/17/23 08:30	04/20/23 15:10	19719-28-9	
6010 MET ICP	Analytical Method: EPA 6010C Preparation Method: EPA 3050B Pace Analytical Services - Melville							
Aluminum	**1010**	mg/kg	10	1	04/17/23 10:34	04/18/23 10:52	7429-90-5	
Antimony	**<3.0**	mg/kg	3.0	1	04/17/23 10:34	04/18/23 10:52	7440-36-0	
Arsenic	**0.70**	mg/kg	0.50	1	04/17/23 10:34	04/18/23 10:52	7440-38-2	
Barium	**5.9J**	mg/kg	10	1	04/17/23 10:34	04/18/23 10:52	7440-39-3	
Beryllium	**<0.25**	mg/kg	0.25	1	04/17/23 10:34	04/18/23 10:52	7440-41-7	
Cadmium	**<0.12**	mg/kg	0.12	1	04/17/23 10:34	04/18/23 10:52	7440-43-9	
Calcium	**1680**	mg/kg	49.8	1	04/17/23 10:34	04/18/23 10:52	7440-70-2	
Chromium	**2.1**	mg/kg	0.50	1	04/17/23 10:34	04/18/23 10:52	7440-47-3	
Cobalt	**0.85J**	mg/kg	2.5	1	04/17/23 10:34	04/18/23 10:52	7440-48-4	
Copper	**2.4**	mg/kg	1.2	1	04/17/23 10:34	04/18/23 10:52	7440-50-8	
Iron	**1790**	mg/kg	5.0	1	04/17/23 10:34	04/18/23 10:52	7439-89-6	
Lead	**1.4**	mg/kg	0.25	1	04/17/23 10:34	04/18/23 10:52	7439-92-1	
Magnesium	**1170**	mg/kg	49.8	1	04/17/23 10:34	04/18/23 10:52	7439-95-4	
Manganese	**36.0**	mg/kg	0.75	1	04/17/23 10:34	04/18/23 10:52	7439-96-5	
Molybdenum	**<1.0**	mg/kg	1.0	1	04/17/23 10:34	04/18/23 10:52	7439-98-7	
Nickel	**1.7J**	mg/kg	2.0	1	04/17/23 10:34	04/18/23 10:52	7440-02-0	B
Potassium	**144J**	mg/kg	249	1	04/17/23 10:34	04/18/23 10:52	7440-09-7	
Selenium	**<0.50**	mg/kg	0.50	1	04/17/23 10:34	04/18/23 10:52	7782-49-2	
Silver	**<0.50**	mg/kg	0.50	1	04/17/23 10:34	04/18/23 10:52	7440-22-4	
Sodium	**<249**	mg/kg	249	1	04/17/23 10:34	04/18/23 10:52	7440-23-5	
Thallium	**<0.50**	mg/kg	0.50	1	04/17/23 10:34	04/18/23 10:52	7440-28-0	
Vanadium	**3.7**	mg/kg	2.5	1	04/17/23 10:34	04/18/23 10:52	7440-62-2	
Zinc	**4.5**	mg/kg	1.0	1	04/17/23 10:34	04/18/23 10:52	7440-66-6	
7471 Mercury	Analytical Method: EPA 7471B Preparation Method: EPA 7471B Pace Analytical Services - Melville							
Mercury	**<0.038**	mg/kg	0.038	1	04/17/23 06:00	04/17/23 12:33	7439-97-6	
8270E MSSV	Analytical Method: EPA 8270E Preparation Method: EPA 3545A Pace Analytical Services - Melville							
Acenaphthene	**<68.6**	ug/kg	68.6	1	04/14/23 12:00	04/14/23 22:05	83-32-9	
Acenaphthylene	**<68.6**	ug/kg	68.6	1	04/14/23 12:00	04/14/23 22:05	208-96-8	
Anthracene	**<68.6**	ug/kg	68.6	1	04/14/23 12:00	04/14/23 22:05	120-12-7	
Benzo(a)anthracene	**<68.6**	ug/kg	68.6	1	04/14/23 12:00	04/14/23 22:05	56-55-3	
Benzo(a)pyrene	**<68.6**	ug/kg	68.6	1	04/14/23 12:00	04/14/23 22:05	50-32-8	
Benzo(b)fluoranthene	**<68.6**	ug/kg	68.6	1	04/14/23 12:00	04/14/23 22:05	205-99-2	
Benzo(g,h,i)perylene	**<68.6**	ug/kg	68.6	1	04/14/23 12:00	04/14/23 22:05	191-24-2	
Benzo(k)fluoranthene	**<68.6**	ug/kg	68.6	1	04/14/23 12:00	04/14/23 22:05	207-08-9	
Chrysene	**<68.6**	ug/kg	68.6	1	04/14/23 12:00	04/14/23 22:05	218-01-9	

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
516-370-6000

ANALYTICAL RESULTS

Project: SCA SAND 022020
Pace Project No.: 70252808

Sample: SCA SAND 022020 **Lab ID: 70252808001** Collected: 04/13/23 10:15 Received: 04/13/23 17:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV	Analytical Method: EPA 8270E Preparation Method: EPA 3545A Pace Analytical Services - Melville							
Dibenz(a,h)anthracene	**<68.6**	ug/kg	68.6	1	04/14/23 12:00	04/14/23 22:05	53-70-3	
Dibenzofuran	**<68.6**	ug/kg	68.6	1	04/14/23 12:00	04/14/23 22:05	132-64-9	
Fluoranthene	**<68.6**	ug/kg	68.6	1	04/14/23 12:00	04/14/23 22:05	206-44-0	
Fluorene	**<68.6**	ug/kg	68.6	1	04/14/23 12:00	04/14/23 22:05	86-73-7	
Hexachlorobenzene	**<68.6**	ug/kg	68.6	1	04/14/23 12:00	04/14/23 22:05	118-74-1	
Indeno(1,2,3-cd)pyrene	**<68.6**	ug/kg	68.6	1	04/14/23 12:00	04/14/23 22:05	193-39-5	
2-Methylphenol(o-Cresol)	**<68.6**	ug/kg	68.6	1	04/14/23 12:00	04/14/23 22:05	95-48-7	
3&4-Methylphenol(m&p Cresol)	**<68.6**	ug/kg	68.6	1	04/14/23 12:00	04/14/23 22:05		
Naphthalene	**<68.6**	ug/kg	68.6	1	04/14/23 12:00	04/14/23 22:05	91-20-3	
Pentachlorophenol	**<686**	ug/kg	686	1	04/14/23 12:00	04/14/23 22:05	87-86-5	
Phenanthrene	**<68.6**	ug/kg	68.6	1	04/14/23 12:00	04/14/23 22:05	85-01-8	
Phenol	**<68.6**	ug/kg	68.6	1	04/14/23 12:00	04/14/23 22:05	108-95-2	
Pyrene	**<68.6**	ug/kg	68.6	1	04/14/23 12:00	04/14/23 22:05	129-00-0	
Surrogates								
Nitrobenzene-d5 (S)	48	%	30-84	1	04/14/23 12:00	04/14/23 22:05	4165-60-0	
2-Fluorobiphenyl (S)	48	%	35-92	1	04/14/23 12:00	04/14/23 22:05	321-60-8	
p-Terphenyl-d14 (S)	59	%	46-107	1	04/14/23 12:00	04/14/23 22:05	1718-51-0	
Phenol-d5 (S)	63	%	30-88	1	04/14/23 12:00	04/14/23 22:05	4165-62-2	
2-Fluorophenol (S)	58	%	26-86	1	04/14/23 12:00	04/14/23 22:05	367-12-4	
2,4,6-Tribromophenol (S)	58	%	28-112	1	04/14/23 12:00	04/14/23 22:05	118-79-6	
2-Chlorophenol-d4 (S)	51	%	27-84	1	04/14/23 12:00	04/14/23 22:05	93951-73-6	
1,2-Dichlorobenzene-d4 (S)	40	%	14-79	1	04/14/23 12:00	04/14/23 22:05	2199-69-1	
8260D MSV 5035A-L Low Level	Analytical Method: EPA 8260D Preparation Method: EPA 5035A-L Pace Analytical Services - Melville							
Acetone	**9.3**	ug/kg	2.2	1	04/19/23 06:08	04/19/23 11:35	67-64-1	B,C9,v3
Benzene	**<2.2**	ug/kg	2.2	1	04/19/23 06:08	04/19/23 11:35	71-43-2	
Bromobenzene	**<2.2**	ug/kg	2.2	1	04/19/23 06:08	04/19/23 11:35	108-86-1	
Bromochloromethane	**<2.2**	ug/kg	2.2	1	04/19/23 06:08	04/19/23 11:35	74-97-5	
Bromodichloromethane	**<2.2**	ug/kg	2.2	1	04/19/23 06:08	04/19/23 11:35	75-27-4	
Bromoform	**<2.2**	ug/kg	2.2	1	04/19/23 06:08	04/19/23 11:35	75-25-2	
Bromomethane	**<2.2**	ug/kg	2.2	1	04/19/23 06:08	04/19/23 11:35	74-83-9	v3
2-Butanone (MEK)	**<2.2**	ug/kg	2.2	1	04/19/23 06:08	04/19/23 11:35	78-93-3	
n-Butylbenzene	**<2.2**	ug/kg	2.2	1	04/19/23 06:08	04/19/23 11:35	104-51-8	
sec-Butylbenzene	**<2.2**	ug/kg	2.2	1	04/19/23 06:08	04/19/23 11:35	135-98-8	
tert-Butylbenzene	**<2.2**	ug/kg	2.2	1	04/19/23 06:08	04/19/23 11:35	98-06-6	
Carbon tetrachloride	**<2.2**	ug/kg	2.2	1	04/19/23 06:08	04/19/23 11:35	56-23-5	
Chlorobenzene	**<2.2**	ug/kg	2.2	1	04/19/23 06:08	04/19/23 11:35	108-90-7	
Chlorodifluoromethane	**<2.2**	ug/kg	2.2	1	04/19/23 06:08	04/19/23 11:35	75-45-6	N3,v3
Chloroethane	**<2.2**	ug/kg	2.2	1	04/19/23 06:08	04/19/23 11:35	75-00-3	v3
Chloroform	**<2.2**	ug/kg	2.2	1	04/19/23 06:08	04/19/23 11:35	67-66-3	
Chloromethane	**<2.2**	ug/kg	2.2	1	04/19/23 06:08	04/19/23 11:35	74-87-3	v3
2-Chlorotoluene	**<2.2**	ug/kg	2.2	1	04/19/23 06:08	04/19/23 11:35	95-49-8	
4-Chlorotoluene	**<2.2**	ug/kg	2.2	1	04/19/23 06:08	04/19/23 11:35	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/kg	2.2	1	04/19/23 06:08	04/19/23 11:35	96-12-8	

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Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
516-370-6000

ANALYTICAL RESULTS

Project: SCA SAND 022020
Pace Project No.: 70252808

Sample: SCA SAND 022020 **Lab ID: 70252808001** Collected: 04/13/23 10:15 Received: 04/13/23 17:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260D MSV 5035A-L Low Level	Analytical Method: EPA 8260D Preparation Method: EPA 5035A-L Pace Analytical Services - Melville							
Dibromochloromethane	**<2.2**	ug/kg	2.2	1	04/19/23 06:08	04/19/23 11:35	124-48-1	
1,2-Dibromoethane (EDB)	**<2.2**	ug/kg	2.2	1	04/19/23 06:08	04/19/23 11:35	106-93-4	
Dibromomethane	**<2.2**	ug/kg	2.2	1	04/19/23 06:08	04/19/23 11:35	74-95-3	
1,2-Dichlorobenzene	**<2.2**	ug/kg	2.2	1	04/19/23 06:08	04/19/23 11:35	95-50-1	
1,3-Dichlorobenzene	**<2.2**	ug/kg	2.2	1	04/19/23 06:08	04/19/23 11:35	541-73-1	
1,4-Dichlorobenzene	**<2.2**	ug/kg	2.2	1	04/19/23 06:08	04/19/23 11:35	106-46-7	
Dichlorodifluoromethane	**<2.2**	ug/kg	2.2	1	04/19/23 06:08	04/19/23 11:35	75-71-8	
1,1-Dichloroethane	**<2.2**	ug/kg	2.2	1	04/19/23 06:08	04/19/23 11:35	75-34-3	
1,2-Dichloroethane	**<2.2**	ug/kg	2.2	1	04/19/23 06:08	04/19/23 11:35	107-06-2	
1,1-Dichloroethene	**<2.2**	ug/kg	2.2	1	04/19/23 06:08	04/19/23 11:35	75-35-4	
cis-1,2-Dichloroethene	**<2.2**	ug/kg	2.2	1	04/19/23 06:08	04/19/23 11:35	156-59-2	
trans-1,2-Dichloroethene	**<2.2**	ug/kg	2.2	1	04/19/23 06:08	04/19/23 11:35	156-60-5	
1,2-Dichloropropane	**<2.2**	ug/kg	2.2	1	04/19/23 06:08	04/19/23 11:35	78-87-5	
1,3-Dichloropropane	**<2.2**	ug/kg	2.2	1	04/19/23 06:08	04/19/23 11:35	142-28-9	
2,2-Dichloropropane	**<2.2**	ug/kg	2.2	1	04/19/23 06:08	04/19/23 11:35	594-20-7	
1,1-Dichloropropene	**<2.2**	ug/kg	2.2	1	04/19/23 06:08	04/19/23 11:35	563-58-6	
cis-1,3-Dichloropropene	**<2.2**	ug/kg	2.2	1	04/19/23 06:08	04/19/23 11:35	10061-01-5	
trans-1,3-Dichloropropene	**<2.2**	ug/kg	2.2	1	04/19/23 06:08	04/19/23 11:35	10061-02-6	
1,4-Dioxane (p-Dioxane)	**<55.1**	ug/kg	55.1	1	04/19/23 06:08	04/19/23 11:35	123-91-1	
Ethylbenzene	**<2.2**	ug/kg	2.2	1	04/19/23 06:08	04/19/23 11:35	100-41-4	
Hexachloro-1,3-butadiene	**<2.2**	ug/kg	2.2	1	04/19/23 06:08	04/19/23 11:35	87-68-3	
Isopropylbenzene (Cumene)	**<2.2**	ug/kg	2.2	1	04/19/23 06:08	04/19/23 11:35	98-82-8	
p-Isopropyltoluene	**<2.2**	ug/kg	2.2	1	04/19/23 06:08	04/19/23 11:35	99-87-6	
Methylene Chloride	**<2.2**	ug/kg	2.2	1	04/19/23 06:08	04/19/23 11:35	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<2.2**	ug/kg	2.2	1	04/19/23 06:08	04/19/23 11:35	108-10-1	
Methyl-tert-butyl ether	**<2.2**	ug/kg	2.2	1	04/19/23 06:08	04/19/23 11:35	1634-04-4	
Naphthalene	**<2.2**	ug/kg	2.2	1	04/19/23 06:08	04/19/23 11:35	91-20-3	
n-Propylbenzene	**<2.2**	ug/kg	2.2	1	04/19/23 06:08	04/19/23 11:35	103-65-1	
Styrene	**<2.2**	ug/kg	2.2	1	04/19/23 06:08	04/19/23 11:35	100-42-5	
1,1,1,2-Tetrachloroethane	**<2.2**	ug/kg	2.2	1	04/19/23 06:08	04/19/23 11:35	630-20-6	
1,1,2,2-Tetrachloroethane	**<2.2**	ug/kg	2.2	1	04/19/23 06:08	04/19/23 11:35	79-34-5	
Tetrachloroethene	**<2.2**	ug/kg	2.2	1	04/19/23 06:08	04/19/23 11:35	127-18-4	
1,2,4,5-tetramethylbenzene	**<2.2**	ug/kg	2.2	1	04/19/23 06:08	04/19/23 11:35	95-93-2	N3
Toluene	**<2.2**	ug/kg	2.2	1	04/19/23 06:08	04/19/23 11:35	108-88-3	
1,2,3-Trichlorobenzene	**<2.2**	ug/kg	2.2	1	04/19/23 06:08	04/19/23 11:35	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/kg	2.2	1	04/19/23 06:08	04/19/23 11:35	120-82-1	
1,1,1-Trichloroethane	**<2.2**	ug/kg	2.2	1	04/19/23 06:08	04/19/23 11:35	71-55-6	
1,1,2-Trichloroethane	**<2.2**	ug/kg	2.2	1	04/19/23 06:08	04/19/23 11:35	79-00-5	
Trichloroethene	**<2.2**	ug/kg	2.2	1	04/19/23 06:08	04/19/23 11:35	79-01-6	
Trichlorofluoromethane	**<2.2**	ug/kg	2.2	1	04/19/23 06:08	04/19/23 11:35	75-69-4	
1,2,3-Trichloropropane	**<2.2**	ug/kg	2.2	1	04/19/23 06:08	04/19/23 11:35	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<2.2**	ug/kg	2.2	1	04/19/23 06:08	04/19/23 11:35	76-13-1	
1,2,4-Trimethylbenzene	**<2.2**	ug/kg	2.2	1	04/19/23 06:08	04/19/23 11:35	95-63-6	
1,3,5-Trimethylbenzene	**<2.2**	ug/kg	2.2	1	04/19/23 06:08	04/19/23 11:35	108-67-8	
Vinyl chloride	**<2.2**	ug/kg	2.2	1	04/19/23 06:08	04/19/23 11:35	75-01-4	v3

REPORT OF LABORATORY ANALYSIS

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575 Broad Hollow Road
Melville, NY 11747
516-370-6000

ANALYTICAL RESULTS

Project: SCA SAND 022020
Pace Project No.: 70252808

Sample: SCA SAND 022020 **Lab ID: 70252808001** Collected: 04/13/23 10:15 Received: 04/13/23 17:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260D MSV 5035A-L Low Level	Analytical Method: EPA 8260D Preparation Method: EPA 5035A-L Pace Analytical Services - Melville							
Xylene (Total)	**<4.4**	ug/kg	4.4	1	04/19/23 06:08	04/19/23 11:35	1330-20-7	
m&p-Xylene	**<4.4**	ug/kg	4.4	1	04/19/23 06:08	04/19/23 11:35	179601-23-1	
o-Xylene	**<2.2**	ug/kg	2.2	1	04/19/23 06:08	04/19/23 11:35	95-47-6	
Surrogates								
Toluene-d8 (S)	101	%	86-154	1	04/19/23 06:08	04/19/23 11:35	2037-26-5	
4-Bromofluorobenzene (S)	103	%	75-144	1	04/19/23 06:08	04/19/23 11:35	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	82-112	1	04/19/23 06:08	04/19/23 11:35	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2216-05M Pace Analytical Services - Melville							
Percent Moisture	**3.4**	%	0.10	1		04/14/23 11:11		
7196 Chromium, Hexavalent	Analytical Method: EPA 7196A Preparation Method: EPA 3060A Pace Analytical Services - Melville							
Chromium, Hexavalent	**<1.0**	mg/kg	1.0	1	04/18/23 19:35	04/18/23 23:49	18540-29-9	M1
Trivalent Chromium Calculation	Analytical Method: Trivalent Chromium Calculation Pace Analytical Services - Melville							
Chromium, Trivalent	**2.1**	mg/kg	0.20	1		04/21/23 13:23	16065-83-1	
9014 Cyanide, Total	Analytical Method: EPA 9014 Total Cyanide Preparation Method: EPA 9010C Pace Analytical Services - Melville							
Cyanide	**0.094J**	mg/kg	0.10	1	04/21/23 14:45	04/21/23 17:39	57-12-5	B

REPORT OF LABORATORY ANALYSIS

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575 Broad Hollow Road
Melville, NY 11747
516-370-6000

QUALITY CONTROL DATA

Project: SCA SAND 022020
Pace Project No.: 70252808

QC Batch: 301274
QC Batch Method: EPA 7471B
Analysis Method: EPA 7471B
Analysis Description: 7471 Mercury
Laboratory: Pace Analytical Services - Melville
Associated Lab Samples: 70252808001

METHOD BLANK: 1526669 Matrix: Solid
Associated Lab Samples: 70252808001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	<0.040	0.040	04/17/23 11:56	

LABORATORY CONTROL SAMPLE: 1526670

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.2	0.20	101	80-120	

MATRIX SPIKE SAMPLE: 1526675

Parameter	Units	70252808001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	<0.038	0.18	0.18	99	80-120	

SAMPLE DUPLICATE: 1526676

Parameter	Units	70252808001 Result	Dup Result	RPD	Qualifiers
Mercury	mg/kg	<0.038	<0.036		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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575 Broad Hollow Road
Melville, NY 11747
516-370-6000

QUALITY CONTROL DATA

Project: SCA SAND 022020
Pace Project No.: 70252808

QC Batch: 301286
QC Batch Method: EPA 3050B
Analysis Method: EPA 6010C
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Melville

Associated Lab Samples: 70252808001

METHOD BLANK: 1526700 Matrix: Solid
Associated Lab Samples: 70252808001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum	mg/kg	<9.9	9.9	04/18/23 10:14	
Antimony	mg/kg	<3.0	3.0	04/18/23 10:14	
Arsenic	mg/kg	<0.49	0.49	04/18/23 10:14	
Barium	mg/kg	<9.9	9.9	04/18/23 10:14	
Beryllium	mg/kg	<0.25	0.25	04/18/23 10:14	
Cadmium	mg/kg	<0.12	0.12	04/18/23 10:14	
Calcium	mg/kg	<49.4	49.4	04/18/23 10:14	
Chromium	mg/kg	<0.49	0.49	04/18/23 10:14	
Cobalt	mg/kg	<2.5	2.5	04/18/23 10:14	
Copper	mg/kg	<1.2	1.2	04/18/23 10:14	
Iron	mg/kg	<4.9	4.9	04/18/23 10:14	
Lead	mg/kg	<0.25	0.25	04/18/23 10:14	
Magnesium	mg/kg	<49.4	49.4	04/18/23 10:14	
Manganese	mg/kg	<0.74	0.74	04/18/23 10:14	
Molybdenum	mg/kg	<0.99	0.99	04/18/23 10:14	
Nickel	mg/kg	0.57J	2.0	04/18/23 10:14	
Potassium	mg/kg	<247	247	04/18/23 10:14	
Selenium	mg/kg	<0.49	0.49	04/18/23 10:14	
Silver	mg/kg	<0.49	0.49	04/18/23 10:14	
Sodium	mg/kg	<247	247	04/18/23 10:14	
Thallium	mg/kg	<0.49	0.49	04/18/23 10:14	
Vanadium	mg/kg	<2.5	2.5	04/18/23 10:14	
Zinc	mg/kg	<0.99	0.99	04/18/23 10:14	

LABORATORY CONTROL SAMPLE: 1526701

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	mg/kg	7810	8330	107	47-153	
Antimony	mg/kg	133	70.6	53	10-202	
Arsenic	mg/kg	85.7	80.4	94	82-118	
Barium	mg/kg	340	344	101	80-120	
Beryllium	mg/kg	101	103	102	81-118	
Cadmium	mg/kg	157	155	99	79-121	
Calcium	mg/kg	4020	3930	98	79-121	
Chromium	mg/kg	226	235	104	80-121	
Cobalt	mg/kg	236	243	103	80-120	
Copper	mg/kg	141	135	96	83-118	
Iron	mg/kg	13900	12400	89	61-139	
Lead	mg/kg	261	257	98	82-118	

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QUALITY CONTROL DATA

Project: SCA SAND 022020
Pace Project No.: 70252808

LABORATORY CONTROL SAMPLE: 1526701

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Magnesium	mg/kg	2180	2200	101	75-125	
Manganese	mg/kg	544	534	98	79-121	
Molybdenum	mg/kg	207	211	102	79-121	
Nickel	mg/kg	343	339	99	79-121	
Potassium	mg/kg	1900	2170	114	69-131	
Selenium	mg/kg	127	123	96	78-123	
Silver	mg/kg	56	52.9	95	78-122	
Sodium	mg/kg	115	149J	130	68-133	
Thallium	mg/kg	73.9	75.5	102	80-120	
Vanadium	mg/kg	86.9	88.7	102	77-123	
Zinc	mg/kg	157	159	102	79-121	

MATRIX SPIKE SAMPLE: 1526703

Parameter	Units	70252245002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Aluminum	mg/kg	7320	622	9100	287	75-125	M1
Antimony	mg/kg	<3.1	49.7	31.0	62	75-125	M1
Arsenic	mg/kg	2.6	24.9	25.1	90	75-125	
Barium	mg/kg	16.3	24.9	43.8	110	75-125	
Beryllium	mg/kg	<0.26	24.9	25.0	101	75-125	
Cadmium	mg/kg	0.13	24.9	24.1	96	75-125	
Calcium	mg/kg	4100	622	5520	229	75-125	M1
Chromium	mg/kg	8.6	24.9	34.7	105	75-125	
Cobalt	mg/kg	3.1	24.9	27.3	97	75-125	
Copper	mg/kg	8.3	24.9	31.4	93	75-125	
Iron	mg/kg	8860	249	8300	-225	75-125	M1
Lead	mg/kg	9.3	24.9	36.9	111	75-125	
Magnesium	mg/kg	1750	622	2800	169	75-125	M1
Manganese	mg/kg	87.1	24.9	107	80	75-125	
Molybdenum	mg/kg	<1.0	49.7	49.6	99	75-125	
Nickel	mg/kg	5.3	24.9	27.7	90	75-125	
Potassium	mg/kg	322	622	1130	130	75-125	M1
Selenium	mg/kg	<0.52	24.9	21.8	86	75-125	
Silver	mg/kg	<0.52	12.4	8.2	66	75-125	M1
Sodium	mg/kg	298	622	995	112	75-125	
Thallium	mg/kg	<0.52	12.4	12.2	98	75-125	
Vanadium	mg/kg	22.9	24.9	45.3	90	75-125	
Zinc	mg/kg	29.2	24.9	54.2	101	75-125	

SAMPLE DUPLICATE: 1526702

Parameter	Units	70252245002 Result	Dup Result	RPD	Qualifiers
Aluminum	mg/kg	7320	7570	3	
Antimony	mg/kg	<3.1	<3.0		

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QUALITY CONTROL DATA

Project: SCA SAND 022020
Pace Project No.: 70252808

SAMPLE DUPLICATE: 1526702

Parameter	Units	70252245002 Result	Dup Result	RPD	Qualifiers
Arsenic	mg/kg	2.6	3.2	19	
Barium	mg/kg	16.3	18.0	10	
Beryllium	mg/kg	<0.26	<0.25		
Cadmium	mg/kg	0.13	0.20	42	D6
Calcium	mg/kg	4100	4540	10	
Chromium	mg/kg	8.6	11.5	29	D6
Cobalt	mg/kg	3.1	3.1	1	
Copper	mg/kg	8.3	7.5	10	
Iron	mg/kg	8860	15200	53	D6
Lead	mg/kg	9.3	11.0	17	
Magnesium	mg/kg	1750	1490	16	
Manganese	mg/kg	87.1	101	15	
Molybdenum	mg/kg	<1.0	0.56J		
Nickel	mg/kg	5.3	6.2	17	
Potassium	mg/kg	322	324	1	
Selenium	mg/kg	<0.52	0.53		
Silver	mg/kg	<0.52	<0.50		
Sodium	mg/kg	298	274	8	
Thallium	mg/kg	<0.52	<0.50		
Vanadium	mg/kg	22.9	19.4	17	
Zinc	mg/kg	29.2	33.9	15	

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QUALITY CONTROL DATA

Project: SCA SAND 022020
Pace Project No.: 70252808

QC Batch: 301768
QC Batch Method: EPA 5035A-L
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV 5035A-L Low Level
Laboratory: Pace Analytical Services - Melville

Associated Lab Samples: 70252808001

METHOD BLANK: 1529100 Matrix: Solid
Associated Lab Samples: 70252808001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<2.0	2.0	04/19/23 09:43	
1,1,1-Trichloroethane	ug/kg	<2.0	2.0	04/19/23 09:43	
1,1,2,2-Tetrachloroethane	ug/kg	<2.0	2.0	04/19/23 09:43	
1,1,2-Trichloroethane	ug/kg	<2.0	2.0	04/19/23 09:43	
1,1,2-Trichlorotrifluoroethane	ug/kg	<2.0	2.0	04/19/23 09:43	
1,1-Dichloroethane	ug/kg	<2.0	2.0	04/19/23 09:43	
1,1-Dichloroethene	ug/kg	<2.0	2.0	04/19/23 09:43	
1,1-Dichloropropene	ug/kg	<2.0	2.0	04/19/23 09:43	
1,2,3-Trichlorobenzene	ug/kg	<2.0	2.0	04/19/23 09:43	
1,2,3-Trichloropropane	ug/kg	<2.0	2.0	04/19/23 09:43	
1,2,4,5-tetramethylbenzene	ug/kg	<2.0	2.0	04/19/23 09:43	N3
1,2,4-Trichlorobenzene	ug/kg	<2.0	2.0	04/19/23 09:43	
1,2,4-Trimethylbenzene	ug/kg	<2.0	2.0	04/19/23 09:43	
1,2-Dibromo-3-chloropropane	ug/kg	<2.0	2.0	04/19/23 09:43	
1,2-Dibromoethane (EDB)	ug/kg	<2.0	2.0	04/19/23 09:43	
1,2-Dichlorobenzene	ug/kg	<2.0	2.0	04/19/23 09:43	
1,2-Dichloroethane	ug/kg	<2.0	2.0	04/19/23 09:43	
1,2-Dichloropropane	ug/kg	<2.0	2.0	04/19/23 09:43	
1,3,5-Trimethylbenzene	ug/kg	<2.0	2.0	04/19/23 09:43	
1,3-Dichlorobenzene	ug/kg	<2.0	2.0	04/19/23 09:43	
1,3-Dichloropropane	ug/kg	<2.0	2.0	04/19/23 09:43	
1,4-Dichlorobenzene	ug/kg	<2.0	2.0	04/19/23 09:43	
1,4-Dioxane (p-Dioxane)	ug/kg	<49.5	49.5	04/19/23 09:43	
2,2-Dichloropropane	ug/kg	<2.0	2.0	04/19/23 09:43	
2-Butanone (MEK)	ug/kg	<2.0	2.0	04/19/23 09:43	
2-Chlorotoluene	ug/kg	<2.0	2.0	04/19/23 09:43	
4-Chlorotoluene	ug/kg	<2.0	2.0	04/19/23 09:43	
4-Methyl-2-pentanone (MIBK)	ug/kg	<2.0	2.0	04/19/23 09:43	
Acetone	ug/kg	6.0	2.0	04/19/23 09:43	C9,v3
Benzene	ug/kg	<2.0	2.0	04/19/23 09:43	
Bromobenzene	ug/kg	<2.0	2.0	04/19/23 09:43	
Bromochloromethane	ug/kg	<2.0	2.0	04/19/23 09:43	
Bromodichloromethane	ug/kg	<2.0	2.0	04/19/23 09:43	
Bromoform	ug/kg	<2.0	2.0	04/19/23 09:43	
Bromomethane	ug/kg	<2.0	2.0	04/19/23 09:43	v3
Carbon tetrachloride	ug/kg	<2.0	2.0	04/19/23 09:43	
Chlorobenzene	ug/kg	<2.0	2.0	04/19/23 09:43	
Chlorodifluoromethane	ug/kg	<2.0	2.0	04/19/23 09:43	N3,v3
Chloroethane	ug/kg	<2.0	2.0	04/19/23 09:43	v3
Chloroform	ug/kg	<2.0	2.0	04/19/23 09:43	

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QUALITY CONTROL DATA

Project: SCA SAND 022020
Pace Project No.: 70252808

METHOD BLANK: 1529100 Matrix: Solid
Associated Lab Samples: 70252808001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloromethane	ug/kg	<2.0	2.0	04/19/23 09:43	v3
cis-1,2-Dichloroethene	ug/kg	<2.0	2.0	04/19/23 09:43	
cis-1,3-Dichloropropene	ug/kg	<2.0	2.0	04/19/23 09:43	
Dibromochloromethane	ug/kg	<2.0	2.0	04/19/23 09:43	
Dibromomethane	ug/kg	<2.0	2.0	04/19/23 09:43	
Dichlorodifluoromethane	ug/kg	<2.0	2.0	04/19/23 09:43	
Ethylbenzene	ug/kg	<2.0	2.0	04/19/23 09:43	
Hexachloro-1,3-butadiene	ug/kg	<2.0	2.0	04/19/23 09:43	
Isopropylbenzene (Cumene)	ug/kg	<2.0	2.0	04/19/23 09:43	
m&p-Xylene	ug/kg	<4.0	4.0	04/19/23 09:43	
Methyl-tert-butyl ether	ug/kg	<2.0	2.0	04/19/23 09:43	
Methylene Chloride	ug/kg	<2.0	2.0	04/19/23 09:43	
n-Butylbenzene	ug/kg	<2.0	2.0	04/19/23 09:43	
n-Propylbenzene	ug/kg	<2.0	2.0	04/19/23 09:43	
Naphthalene	ug/kg	<2.0	2.0	04/19/23 09:43	
o-Xylene	ug/kg	<2.0	2.0	04/19/23 09:43	
p-Isopropyltoluene	ug/kg	<2.0	2.0	04/19/23 09:43	
sec-Butylbenzene	ug/kg	<2.0	2.0	04/19/23 09:43	
Styrene	ug/kg	<2.0	2.0	04/19/23 09:43	
tert-Butylbenzene	ug/kg	<2.0	2.0	04/19/23 09:43	
Tetrachloroethene	ug/kg	<2.0	2.0	04/19/23 09:43	
Toluene	ug/kg	<2.0	2.0	04/19/23 09:43	
trans-1,2-Dichloroethene	ug/kg	<2.0	2.0	04/19/23 09:43	
trans-1,3-Dichloropropene	ug/kg	<2.0	2.0	04/19/23 09:43	
Trichloroethene	ug/kg	<2.0	2.0	04/19/23 09:43	
Trichlorofluoromethane	ug/kg	<2.0	2.0	04/19/23 09:43	
Vinyl chloride	ug/kg	<2.0	2.0	04/19/23 09:43	v3
Xylene (Total)	ug/kg	<4.0	4.0	04/19/23 09:43	
1,2-Dichloroethane-d4 (S)	%	101	82-112	04/19/23 09:43	
4-Bromofluorobenzene (S)	%	106	75-144	04/19/23 09:43	
Toluene-d8 (S)	%	100	86-154	04/19/23 09:43	

LABORATORY CONTROL SAMPLE: 1529101

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	50.2	61.0	121	53-165	
1,1,1-Trichloroethane	ug/kg	50.2	53.6	107	70-121	
1,1,2,2-Tetrachloroethane	ug/kg	50.2	55.9	111	68-142	
1,1,2-Trichloroethane	ug/kg	50.2	56.4	112	75-148	
1,1,2-Trichlorotrifluoroethane	ug/kg	50.2	47.0	94	45-132	
1,1-Dichloroethane	ug/kg	50.2	50.7	101	73-119	
1,1-Dichloroethene	ug/kg	50.2	47.3	94	54-118	
1,1-Dichloropropene	ug/kg	50.2	53.0	106	64-126	
1,2,3-Trichlorobenzene	ug/kg	50.2	62.8	125	59-145	

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QUALITY CONTROL DATA

Project: SCA SAND 022020
Pace Project No.: 70252808

LABORATORY CONTROL SAMPLE: 1529101

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,3-Trichloropropane	ug/kg	50.2	59.2	118	62-139	
1,2,4,5-tetramethylbenzene	ug/kg	50.2	57.8	115	77-130	N3
1,2,4-Trichlorobenzene	ug/kg	50.2	62.1	124	75-142	
1,2,4-Trimethylbenzene	ug/kg	50.2	55.7	111	75-136	
1,2-Dibromo-3-chloropropane	ug/kg	50.2	57.6	115	56-134	
1,2-Dibromoethane (EDB)	ug/kg	50.2	61.1	122	77-143	
1,2-Dichlorobenzene	ug/kg	50.2	58.6	117	79-139	
1,2-Dichloroethane	ug/kg	50.2	54.5	109	73-125	
1,2-Dichloropropane	ug/kg	50.2	54.2	108	79-134	
1,3,5-Trimethylbenzene	ug/kg	50.2	54.8	109	74-136	
1,3-Dichlorobenzene	ug/kg	50.2	58.2	116	80-138	
1,3-Dichloropropane	ug/kg	50.2	62.1	124	68-148	
1,4-Dichlorobenzene	ug/kg	50.2	60.3	120	80-136	
1,4-Dioxane (p-Dioxane)	ug/kg	1260	1560	124	30-163	
2,2-Dichloropropane	ug/kg	50.2	53.8	107	59-132	
2-Butanone (MEK)	ug/kg	50.2	45.7	91	18-190	
2-Chlorotoluene	ug/kg	50.2	54.0	107	70-134	
4-Chlorotoluene	ug/kg	50.2	54.7	109	72-133	
4-Methyl-2-pentanone (MIBK)	ug/kg	50.2	48.0	96	66-138	
Acetone	ug/kg	50.2	49.4	99	21-162	v3
Benzene	ug/kg	50.2	53.2	106	74-124	
Bromobenzene	ug/kg	50.2	58.5	117	71-137	
Bromochloromethane	ug/kg	50.2	58.6	117	74-128	
Bromodichloromethane	ug/kg	50.2	55.6	111	81-131	
Bromoform	ug/kg	50.2	66.3	132	56-164	
Bromomethane	ug/kg	50.2	39.9	79	10-160	v3
Carbon tetrachloride	ug/kg	50.2	54.5	108	59-135	
Chlorobenzene	ug/kg	50.2	61.5	123	73-138	
Chlorodifluoromethane	ug/kg	50.2	37.8	75	34-140	N3,v3
Chloroethane	ug/kg	50.2	39.7	79	59-119	v3
Chloroform	ug/kg	50.2	53.6	107	76-125	
Chloromethane	ug/kg	50.2	30.4	61	33-141	v3
cis-1,2-Dichloroethene	ug/kg	50.2	54.9	109	72-132	
cis-1,3-Dichloropropene	ug/kg	50.2	56.7	113	76-144	
Dibromochloromethane	ug/kg	50.2	62.0	123	71-148	
Dibromomethane	ug/kg	50.2	58.9	117	70-136	
Dichlorodifluoromethane	ug/kg	50.2	39.0	78	10-116	
Ethylbenzene	ug/kg	50.2	59.6	119	73-134	
Hexachloro-1,3-butadiene	ug/kg	50.2	60.4	120	64-127	
Isopropylbenzene (Cumene)	ug/kg	50.2	54.6	109	68-122	
m&p-Xylene	ug/kg	100	120	119	71-136	
Methyl-tert-butyl ether	ug/kg	50.2	54.3	108	65-122	
Methylene Chloride	ug/kg	50.2	48.9	97	66-124	
n-Butylbenzene	ug/kg	50.2	55.1	110	70-121	
n-Propylbenzene	ug/kg	50.2	54.7	109	68-124	
Naphthalene	ug/kg	50.2	59.2	118	64-123	
o-Xylene	ug/kg	50.2	59.7	119	73-134	

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QUALITY CONTROL DATA

Project: SCA SAND 022020
Pace Project No.: 70252808

LABORATORY CONTROL SAMPLE: 1529101

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
p-Isopropyltoluene	ug/kg	50.2	56.4	112	68-120	
sec-Butylbenzene	ug/kg	50.2	55.6	111	68-120	
Styrene	ug/kg	50.2	60.6	121	74-142	
tert-Butylbenzene	ug/kg	50.2	57.2	114	67-124	
Tetrachloroethene	ug/kg	50.2	48.6	97	64-142	
Toluene	ug/kg	50.2	55.2	110	77-129	
trans-1,2-Dichloroethene	ug/kg	50.2	50.6	101	69-125	
trans-1,3-Dichloropropene	ug/kg	50.2	59.3	118	74-142	
Trichloroethene	ug/kg	50.2	54.8	109	70-128	
Trichlorofluoromethane	ug/kg	50.2	44.6	89	48-115	
Vinyl chloride	ug/kg	50.2	36.9	73	44-124	v3
Xylene (Total)	ug/kg	151	179	119	72-135	
1,2-Dichloroethane-d4 (S)	%			98	82-112	
4-Bromofluorobenzene (S)	%			104	75-144	
Toluene-d8 (S)	%			101	86-154	

MATRIX SPIKE SAMPLE: 1529102

Parameter	Units	70252942007 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<0.90	53.7	56.9	106	59-131	
1,1,1-Trichloroethane	ug/kg	<1.4	53.7	56.2	105	56-127	
1,1,2,2-Tetrachloroethane	ug/kg	<0.88	53.7	47.2	88	23-156	
1,1,2-Trichloroethane	ug/kg	<1.2	53.7	47.2	88	40-133	
1,1,2-Trichlorotrifluoroethane	ug/kg	<1.6	53.7	52.0	97	52-130	
1,1-Dichloroethane	ug/kg	<1.3	53.7	51.4	96	57-127	
1,1-Dichloroethene	ug/kg	<1.3	53.7	51.7	96	57-128	
1,1-Dichloropropene	ug/kg	<1.2	53.7	55.6	103	58-129	
1,2,3-Trichlorobenzene	ug/kg	<1.4	53.7	56.3	105	10-138	
1,2,3-Trichloropropane	ug/kg	<0.99	53.7	47.9	89	26-161	
1,2,4,5-tetramethylbenzene	ug/kg	<0.79	53.7	57.6	107	31-150	N3
1,2,4-Trichlorobenzene	ug/kg	<1.2	53.7	57.4	107	14-140	
1,2,4-Trimethylbenzene	ug/kg	<1.4	53.7	56.5	105	29-160	
1,2-Dibromo-3-chloropropane	ug/kg	<0.82	53.7	50.5	94	33-129	
1,2-Dibromoethane (EDB)	ug/kg	<0.78	53.7	51.1	95	43-133	
1,2-Dichlorobenzene	ug/kg	<0.92	53.7	56.1	104	56-123	
1,2-Dichloroethane	ug/kg	<1.2	53.7	50.3	94	47-121	
1,2-Dichloropropane	ug/kg	<1.0	53.7	52.0	97	58-131	
1,3,5-Trimethylbenzene	ug/kg	<1.1	53.7	57.4	107	47-143	
1,3-Dichlorobenzene	ug/kg	<0.94	53.7	57.6	107	56-128	
1,3-Dichloropropane	ug/kg	<0.83	53.7	52.2	97	57-119	
1,4-Dichlorobenzene	ug/kg	<1.0	53.7	58.2	108	56-125	
1,4-Dioxane (p-Dioxane)	ug/kg	<47.0	1350	1500	112	21-133	
2,2-Dichloropropane	ug/kg	<1.7	53.7	59.5	111	49-133	
2-Butanone (MEK)	ug/kg	<1.2	53.7	37.0	69	15-148	
2-Chlorotoluene	ug/kg	<1.2	53.7	56.2	104	60-138	

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Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
516-370-6000

QUALITY CONTROL DATA

Project: SCA SAND 022020
Pace Project No.: 70252808

MATRIX SPIKE SAMPLE: 1529102

Parameter	Units	70252942007 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
4-Chlorotoluene	ug/kg	<1.2	53.7	56.4	105	56-134	
4-Methyl-2-pentanone (MIBK)	ug/kg	<1.4	53.7	40.0	74	21-148	
Acetone	ug/kg	13.7	53.7	38.9	47	10-200	v3
Benzene	ug/kg	<1.1	53.7	51.7	96	61-131	
Bromobenzene	ug/kg	<0.63	53.7	58.1	108	64-131	
Bromochloromethane	ug/kg	<0.76	53.7	52.3	97	54-124	
Bromodichloromethane	ug/kg	<1.0	53.7	52.7	98	53-130	
Bromoform	ug/kg	<1.3	53.7	52.5	98	39-135	
Bromomethane	ug/kg	<0.98	53.7	40.0	74	14-148	v3
Carbon tetrachloride	ug/kg	<1.7	53.7	56.8	106	52-134	
Chlorobenzene	ug/kg	<0.84	53.7	58.5	109	60-129	
Chlorodifluoromethane	ug/kg	<0.85	53.7	41.6	77	32-135	N3,v3
Chloroethane	ug/kg	<1.6	53.7	40.8	76	13-159	v3
Chloroform	ug/kg	<1.1	53.7	54.1	101	60-126	
Chloromethane	ug/kg	<0.97	53.7	30.7	57	27-142	v3
cis-1,2-Dichloroethene	ug/kg	<1.2	53.7	55.0	102	60-126	
cis-1,3-Dichloropropene	ug/kg	<0.78	53.7	52.8	98	49-137	
Dibromochloromethane	ug/kg	<0.75	53.7	53.9	100	53-132	
Dibromomethane	ug/kg	<0.72	53.7	49.2	92	48-123	
Dichlorodifluoromethane	ug/kg	<0.91	53.7	42.3	79	10-131	
Ethylbenzene	ug/kg	<0.92	53.7	58.7	109	56-142	
Hexachloro-1,3-butadiene	ug/kg	<1.1	53.7	62.0	115	10-160	
Isopropylbenzene (Cumene)	ug/kg	<1.3	53.7	57.9	108	50-146	
m&p-Xylene	ug/kg	<2.5	107	119	111	60-134	
Methyl-tert-butyl ether	ug/kg	<1.9	53.7	46.8	87	44-119	
Methylene Chloride	ug/kg	<1.8	53.7	46.2	86	53-115	
n-Butylbenzene	ug/kg	<1.1	53.7	57.9	108	30-148	
n-Propylbenzene	ug/kg	<1.2	53.7	57.4	107	43-149	
Naphthalene	ug/kg	<0.95	53.7	51.2	95	19-134	
o-Xylene	ug/kg	<0.79	53.7	59.3	110	55-137	
p-Isopropyltoluene	ug/kg	<1.1	53.7	59.2	110	40-143	
sec-Butylbenzene	ug/kg	<1.1	53.7	58.8	109	39-147	
Styrene	ug/kg	<1.1	53.7	58.0	108	53-134	
tert-Butylbenzene	ug/kg	<1.5	53.7	60.5	113	54-138	
Tetrachloroethene	ug/kg	<0.60	53.7	49.2	91	36-180	
Toluene	ug/kg	<0.91	53.7	55.5	103	54-141	
trans-1,2-Dichloroethene	ug/kg	<1.5	53.7	51.2	95	60-124	
trans-1,3-Dichloropropene	ug/kg	<0.73	53.7	53.2	99	42-133	
Trichloroethene	ug/kg	<0.83	53.7	54.1	101	61-129	
Trichlorofluoromethane	ug/kg	<1.4	53.7	50.2	93	50-121	
Vinyl chloride	ug/kg	<0.98	53.7	38.5	72	44-127	v3
Xylene (Total)	ug/kg	<0.79	162	178	110	51-143	
1,2-Dichloroethane-d4 (S)	%				86	82-112	
4-Bromofluorobenzene (S)	%				101	75-144	
Toluene-d8 (S)	%				99	86-154	

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QUALITY CONTROL DATA

Project: SCA SAND 022020
Pace Project No.: 70252808

SAMPLE DUPLICATE: 1529103

Parameter	Units	70252942008 Result	Dup Result	RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<0.82	<2.2		
1,1,1-Trichloroethane	ug/kg	<1.3	<2.2		
1,1,2,2-Tetrachloroethane	ug/kg	<0.80	<2.2		
1,1,2-Trichloroethane	ug/kg	<1.1	<2.2		
1,1,2-Trichlorotrifluoroethane	ug/kg	<1.4	<2.2		
1,1-Dichloroethane	ug/kg	<1.2	<2.2		
1,1-Dichloroethene	ug/kg	<1.2	<2.2		
1,1-Dichloropropene	ug/kg	<1.1	<2.2		
1,2,3-Trichlorobenzene	ug/kg	<1.2	<2.2		
1,2,3-Trichloropropane	ug/kg	<0.90	<2.2		
1,2,4,5-tetramethylbenzene	ug/kg	<0.72	<2.2		N3
1,2,4-Trichlorobenzene	ug/kg	<1.1	<2.2		
1,2,4-Trimethylbenzene	ug/kg	<1.2	<2.2		
1,2-Dibromo-3-chloropropane	ug/kg	<0.75	<2.2		
1,2-Dibromoethane (EDB)	ug/kg	<0.71	<2.2		
1,2-Dichlorobenzene	ug/kg	<0.84	<2.2		
1,2-Dichloroethane	ug/kg	<1.1	<2.2		
1,2-Dichloropropane	ug/kg	<0.90	<2.2		
1,3,5-Trimethylbenzene	ug/kg	<1.0	<2.2		
1,3-Dichlorobenzene	ug/kg	<0.85	<2.2		
1,3-Dichloropropane	ug/kg	<0.75	<2.2		
1,4-Dichlorobenzene	ug/kg	<0.94	<2.2		
1,4-Dioxane (p-Dioxane)	ug/kg	<42.8	<55.0		
2,2-Dichloropropane	ug/kg	<1.6	<2.2		
2-Butanone (MEK)	ug/kg	<1.1	<2.2		
2-Chlorotoluene	ug/kg	<1.1	<2.2		
4-Chlorotoluene	ug/kg	<1.1	<2.2		
4-Methyl-2-pentanone (MIBK)	ug/kg	<1.3	<2.2		
Acetone	ug/kg	31.8	28.7	11	C9,v3
Benzene	ug/kg	<1.0	<2.2		
Bromobenzene	ug/kg	<0.58	<2.2		
Bromochloromethane	ug/kg	<0.70	<2.2		
Bromodichloromethane	ug/kg	<0.94	<2.2		
Bromoform	ug/kg	<1.2	<2.2		
Bromomethane	ug/kg	<0.89	<2.2		v3
Carbon tetrachloride	ug/kg	<1.5	<2.2		
Chlorobenzene	ug/kg	<0.76	<2.2		
Chlorodifluoromethane	ug/kg	<0.77	<2.2		N3,v3
Chloroethane	ug/kg	<1.4	<2.2		v3
Chloroform	ug/kg	<1.0	<2.2		
Chloromethane	ug/kg	<0.88	<2.2		v3
cis-1,2-Dichloroethene	ug/kg	<1.1	<2.2		
cis-1,3-Dichloropropene	ug/kg	<0.71	<2.2		
Dibromochloromethane	ug/kg	<0.68	<2.2		
Dibromomethane	ug/kg	<0.65	<2.2		
Dichlorodifluoromethane	ug/kg	<0.83	<2.2		
Ethylbenzene	ug/kg	<0.84	<2.2		

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QUALITY CONTROL DATA

Project: SCA SAND 022020
Pace Project No.: 70252808

SAMPLE DUPLICATE: 1529103

Parameter	Units	70252942008 Result	Dup Result	RPD	Qualifiers
Hexachloro-1,3-butadiene	ug/kg	<1.0	<2.2		
Isopropylbenzene (Cumene)	ug/kg	<1.2	<2.2		
m&p-Xylene	ug/kg	<2.3	<4.4		
Methyl-tert-butyl ether	ug/kg	<1.8	<2.2		
Methylene Chloride	ug/kg	<1.7	<2.2		
n-Butylbenzene	ug/kg	<1.0	<2.2		
n-Propylbenzene	ug/kg	<1.1	<2.2		
Naphthalene	ug/kg	<0.87	<2.2		
o-Xylene	ug/kg	<0.72	<2.2		
p-Isopropyltoluene	ug/kg	<1.0	<2.2		
sec-Butylbenzene	ug/kg	<1.0	<2.2		
Styrene	ug/kg	<0.98	<2.2		
tert-Butylbenzene	ug/kg	<1.3	<2.2		
Tetrachloroethene	ug/kg	<0.54	<2.2		
Toluene	ug/kg	<0.83	<2.2		
trans-1,2-Dichloroethene	ug/kg	<1.3	<2.2		
trans-1,3-Dichloropropene	ug/kg	<0.66	<2.2		
Trichloroethene	ug/kg	<0.76	<2.2		
Trichlorofluoromethane	ug/kg	<1.2	<2.2		
Vinyl chloride	ug/kg	<0.89	<2.2		v3
Xylene (Total)	ug/kg	<0.72	<4.4		
1,2-Dichloroethane-d4 (S)	%	107	100		
4-Bromofluorobenzene (S)	%	103	101		
Toluene-d8 (S)	%	96	97		

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QUALITY CONTROL DATA

Project: SCA SAND 022020
Pace Project No.: 70252808

QC Batch: 301270
QC Batch Method: EPA 8151A
Analysis Method: EPA 8151A
Analysis Description: 8151 GCS Herbicides
Laboratory: Pace Analytical Services - Melville
Associated Lab Samples: 70252808001

METHOD BLANK: 1526657 Matrix: Solid
Associated Lab Samples: 70252808001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
2,4,5-TP (Silvex)	ug/kg	<5.0	5.0	04/20/23 14:43	
2,4-DCAA (S)	%	81	10-157	04/20/23 14:43	

LABORATORY CONTROL SAMPLE: 1526658

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4,5-TP (Silvex)	ug/kg	20.1	11.2	56	14-139	
2,4-DCAA (S)	%			66	10-157	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1526659 1526660

Parameter	Units	70252912018 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
2,4,5-TP (Silvex)	ug/kg	<5.2	20.9	20.9	11.8	13.1	57	63	10-167	10	
2,4-DCAA (S)	%						69	73	10-157		

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QUALITY CONTROL DATA

Project: SCA SAND 022020
Pace Project No.: 70252808

QC Batch: 301131
QC Batch Method: EPA 3545A
Analysis Method: EPA 8270E
Analysis Description: 8270E Solid MSSV
Laboratory: Pace Analytical Services - Melville
Associated Lab Samples: 70252808001

METHOD BLANK: 1525644 Matrix: Solid
Associated Lab Samples: 70252808001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
2-Methylphenol(o-Cresol)	ug/kg	<67.0	67.0	04/14/23 21:04	
3&4-Methylphenol(m&p Cresol)	ug/kg	<67.0	67.0	04/14/23 21:04	
Acenaphthene	ug/kg	<67.0	67.0	04/14/23 21:04	
Acenaphthylene	ug/kg	<67.0	67.0	04/14/23 21:04	
Anthracene	ug/kg	<67.0	67.0	04/14/23 21:04	
Benzo(a)anthracene	ug/kg	<67.0	67.0	04/14/23 21:04	
Benzo(a)pyrene	ug/kg	<67.0	67.0	04/14/23 21:04	
Benzo(b)fluoranthene	ug/kg	<67.0	67.0	04/14/23 21:04	
Benzo(g,h,i)perylene	ug/kg	<67.0	67.0	04/14/23 21:04	
Benzo(k)fluoranthene	ug/kg	<67.0	67.0	04/14/23 21:04	
Chrysene	ug/kg	<67.0	67.0	04/14/23 21:04	
Dibenz(a,h)anthracene	ug/kg	<67.0	67.0	04/14/23 21:04	
Dibenzofuran	ug/kg	<67.0	67.0	04/14/23 21:04	
Fluoranthene	ug/kg	<67.0	67.0	04/14/23 21:04	
Fluorene	ug/kg	<67.0	67.0	04/14/23 21:04	
Hexachlorobenzene	ug/kg	<67.0	67.0	04/14/23 21:04	
Indeno(1,2,3-cd)pyrene	ug/kg	<67.0	67.0	04/14/23 21:04	
Naphthalene	ug/kg	<67.0	67.0	04/14/23 21:04	
Pentachlorophenol	ug/kg	<670	670	04/14/23 21:04	
Phenanthrene	ug/kg	<67.0	67.0	04/14/23 21:04	
Phenol	ug/kg	<67.0	67.0	04/14/23 21:04	
Pyrene	ug/kg	<67.0	67.0	04/14/23 21:04	
1,2-Dichlorobenzene-d4 (S)	%	51	14-79	04/14/23 21:04	
2,4,6-Tribromophenol (S)	%	73	28-112	04/14/23 21:04	
2-Chlorophenol-d4 (S)	%	59	27-84	04/14/23 21:04	
2-Fluorobiphenyl (S)	%	62	35-92	04/14/23 21:04	
2-Fluorophenol (S)	%	62	26-86	04/14/23 21:04	
Nitrobenzene-d5 (S)	%	58	30-84	04/14/23 21:04	
p-Terphenyl-d14 (S)	%	74	46-107	04/14/23 21:04	
Phenol-d5 (S)	%	70	30-88	04/14/23 21:04	

LABORATORY CONTROL SAMPLE: 1525645

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Methylphenol(o-Cresol)	ug/kg	1670	611	37	30-98	
3&4-Methylphenol(m&p Cresol)	ug/kg	1670	637	38	30-106	
Acenaphthene	ug/kg	1670	656	39	33-93	
Acenaphthylene	ug/kg	1670	679	41	36-97	
Anthracene	ug/kg	1670	703	42	38-101	

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QUALITY CONTROL DATA

Project: SCA SAND 022020
Pace Project No.: 70252808

LABORATORY CONTROL SAMPLE: 1525645

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)anthracene	ug/kg	1670	725	44	36-103	
Benzo(a)pyrene	ug/kg	1670	674	40	38-104	
Benzo(b)fluoranthene	ug/kg	1670	655	39	34-104	
Benzo(g,h,i)perylene	ug/kg	1670	680	41	27-116	
Benzo(k)fluoranthene	ug/kg	1670	645	39	38-106	
Chrysene	ug/kg	1670	715	43	38-103	
Dibenz(a,h)anthracene	ug/kg	1670	681	41	29-114	
Dibenzofuran	ug/kg	1670	679	41	36-103	
Fluoranthene	ug/kg	1670	694	42	38-103	
Fluorene	ug/kg	1670	704	42	33-99	
Hexachlorobenzene	ug/kg	1670	674	40	34-112	
Indeno(1,2,3-cd)pyrene	ug/kg	1670	679	41	28-110	
Naphthalene	ug/kg	1670	596	36	32-91	
Pentachlorophenol	ug/kg	1670	422J	25	15-107	
Phenanthrene	ug/kg	1670	707	42	37-102	
Phenol	ug/kg	1670	712	43	25-98	
Pyrene	ug/kg	1670	677	41	36-103	
1,2-Dichlorobenzene-d4 (S)	%			35	14-79	
2,4,6-Tribromophenol (S)	%			48	28-112	
2-Chlorophenol-d4 (S)	%			39	27-84	
2-Fluorobiphenyl (S)	%			40	35-92	
2-Fluorophenol (S)	%			43	26-86	
Nitrobenzene-d5 (S)	%			39	30-84	
p-Terphenyl-d14 (S)	%			44	46-107	S0
Phenol-d5 (S)	%			50	30-88	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1525977 1525978

Parameter	Units	70252808001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
2-Methylphenol(o-Cresol)	ug/kg	<68.6	1710	1710	1020	1290	59	76	16-102	24	
3&4-Methylphenol(m&p Cresol)	ug/kg	<68.6	1710	1710	1050	1160	61	68	22-98	10	
Acenaphthene	ug/kg	<68.6	1710	1710	1170	1300	69	76	25-114	10	
Acenaphthylene	ug/kg	<68.6	1710	1710	1180	1330	69	78	44-98	12	
Anthracene	ug/kg	<68.6	1710	1710	1290	1370	75	80	20-124	6	
Benzo(a)anthracene	ug/kg	<68.6	1710	1710	1370	1290	80	76	18-123	5	
Benzo(a)pyrene	ug/kg	<68.6	1710	1710	1330	1330	78	78	14-125	1	
Benzo(b)fluoranthene	ug/kg	<68.6	1710	1710	1280	1270	75	74	13-131	1	
Benzo(g,h,i)perylene	ug/kg	<68.6	1710	1710	1350	1250	79	73	10-130	7	
Benzo(k)fluoranthene	ug/kg	<68.6	1710	1710	1280	1240	75	73	26-123	3	
Chrysene	ug/kg	<68.6	1710	1710	1390	1290	81	75	18-111	8	
Dibenz(a,h)anthracene	ug/kg	<68.6	1710	1710	1360	1180	79	69	21-104	14	
Dibenzofuran	ug/kg	<68.6	1710	1710	1200	1330	70	78	21-110	10	
Fluoranthene	ug/kg	<68.6	1710	1710	1310	1310	77	77	12-118	0	

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QUALITY CONTROL DATA

Project: SCA SAND 022020
Pace Project No.: 70252808

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1525977 1525978

Parameter	Units	70252808001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Fluorene	ug/kg	<68.6	1710	1710	1220	1320	71	77	10-117	8	
Hexachlorobenzene	ug/kg	<68.6	1710	1710	1240	1330	72	78	27-102	7	
Indeno(1,2,3-cd)pyrene	ug/kg	<68.6	1710	1710	1300	1230	76	72	10-111	6	
Naphthalene	ug/kg	<68.6	1710	1710	1080	1170	63	68	10-175	8	
Pentachlorophenol	ug/kg	<686	1710	1710	833	860	49	50	10-117	3	
Phenanthrene	ug/kg	<68.6	1710	1710	1330	1380	78	81	11-119	4	
Phenol	ug/kg	<68.6	1710	1710	1150	1300	67	76	10-97	12	
Pyrene	ug/kg	<68.6	1710	1710	1320	1250	77	73	10-129	5	
1,2-Dichlorobenzene-d4 (S)	%						50	61	14-79		
2,4,6-Tribromophenol (S)	%						85	87	28-112		
2-Chlorophenol-d4 (S)	%						62	72	27-84		
2-Fluorobiphenyl (S)	%						65	77	35-92		
2-Fluorophenol (S)	%						67	77	26-86		
Nitrobenzene-d5 (S)	%						64	72	30-84		
p-Terphenyl-d14 (S)	%						82	83	46-107		
Phenol-d5 (S)	%						80	92	30-88		S0

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QUALITY CONTROL DATA

Project: SCA SAND 022020
Pace Project No.: 70252808

QC Batch: 301122
QC Batch Method: ASTM D2216-05M
Analysis Method: ASTM D2216-05M
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Melville

Associated Lab Samples: 70252808001

SAMPLE DUPLICATE: 1525614

Parameter	Units	70252643002 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	72.5	71.3	2	

SAMPLE DUPLICATE: 1525615

Parameter	Units	70252655001 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	18.3	16.2	12	

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QUALITY CONTROL DATA

Project: SCA SAND 022020
Pace Project No.: 70252808

QC Batch: 301585
QC Batch Method: EPA 3060A
Analysis Method: EPA 7196A
Analysis Description: 7196 Chromium, Hexavalent
Laboratory: Pace Analytical Services - Melville
Associated Lab Samples: 70252808001

METHOD BLANK: 1528195 Matrix: Solid
Associated Lab Samples: 70252808001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chromium, Hexavalent	mg/kg	<1.0	1.0	04/18/23 23:47	

LABORATORY CONTROL SAMPLE: 1528196

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chromium, Hexavalent	mg/kg	109	111	102	65-135	

MATRIX SPIKE SAMPLE: 1528197

Parameter	Units	70252808001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chromium, Hexavalent	mg/kg	<1.0	4.1	0.99J	24	85-115	M1

MATRIX SPIKE SAMPLE: 1528198

Parameter	Units	70252808001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chromium, Hexavalent	mg/kg	<1.0	995	981	99	85-115	

SAMPLE DUPLICATE: 1528199

Parameter	Units	70252808001 Result	Dup Result	RPD	Qualifiers
Chromium, Hexavalent	mg/kg	<1.0	<1.0		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
516-370-6000

QUALITY CONTROL DATA

Project: SCA SAND 022020
Pace Project No.: 70252808

QC Batch: 302037
QC Batch Method: EPA 9010C
Analysis Method: EPA 9014 Total Cyanide
Analysis Description: 9014 Total Cyanide
Laboratory: Pace Analytical Services - Melville
Associated Lab Samples: 70252808001

METHOD BLANK: 1530411 Matrix: Solid
Associated Lab Samples: 70252808001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Cyanide	mg/kg	0.055J	0.10	04/21/23 17:37	

LABORATORY CONTROL SAMPLE: 1530412

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Cyanide	mg/kg	59.1	47.4	80	31-170	

MATRIX SPIKE SAMPLE: 1530413

Parameter	Units	70252808001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Cyanide	mg/kg	0.094J	1	1.1	98	75-125	

SAMPLE DUPLICATE: 1530414

Parameter	Units	70252808001 Result	Dup Result	RPD	Qualifiers
Cyanide	mg/kg	0.094J	0.034J		

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QUALIFIERS

Project: SCA SAND 022020
Pace Project No.: 70252808

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

B	Analyte was detected in the associated method blank.
C9	Common Laboratory Contaminant.
D6	The precision between the sample and sample duplicate exceeded laboratory control limits.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
N3	Accreditation is not offered by the relevant laboratory accrediting body for this parameter.
S0	Surrogate recovery outside laboratory control limits.
v3	The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have a low bias.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: SCA SAND 022020
Pace Project No.: 70252808

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70252808001	**SCA SAND 022020**	EPA 8151A	301270	EPA 8151A	301625
70252808001	**SCA SAND 022020**	EPA 3050B	301286	EPA 6010C	301400
70252808001	**SCA SAND 022020**	EPA 7471B	301274	EPA 7471B	301310
70252808001	**SCA SAND 022020**	EPA 3545A	301131	EPA 8270E	301205
70252808001	**SCA SAND 022020**	EPA 5035A-L	301768	EPA 8260D	301769
70252808001	**SCA SAND 022020**	ASTM D2216-05M	301122		
70252808001	**SCA SAND 022020**	EPA 3060A	301585	EPA 7196A	301598
70252808001	**SCA SAND 022020**	Trivalent Chromium Calculation	302079		
70252808001	**SCA SAND 022020**	EPA 9010C	302037	EPA 9014 Total Cyanide	302108

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CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY - Affix Workorder Label Here or List Pace Workorder Number or

WO# : 70252808

70252808

Container P

LAB

Company: Cuyahoga Recycling of Canton	Billing Information:
Address: 27-30 Walkup Blvd Lakeville OH 44638	
Report To:	Email To:
Copy To:	Site Collection Info/Address:
Customer Project Name/Number:	State: / County/City: Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET
Phone: Email:	Site/Facility ID #: Compliance Monitoring? [ ] Yes [ ] No
Collected By (print):	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature):	Turnaround Date Required: Immediately Packed on Ice: [ ] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [X] 5 Day (Expedite Charges Apply) Field Filtered (if applicable): [ ] Yes [ ] No Analysis: _____

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns
	SL	G	4-13	10:10				3
	SL	G	4-13	10:10	10:15			1

Analyses

SCA 5m d 02200

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	NA
Custody Signatures Present	Y	N	NA
Collector Signature Present	Y	N	NA
Bottles Intact	Y	N	NA
Correct Bottles	Y	N	NA
Sufficient Volume	Y	N	NA
Samples Received on Ice	Y	N	NA
VOA - Headspace Acceptable	Y	N	NA
USDA Regulated Soils	Y	N	NA
Samples in Holding Time	Y	N	NA
Residual Chlorine Present	Y	N	NA
Cl Strips: _____			
Sample pH Acceptable	Y	N	NA
pH Strips: _____			
Sulfide Present	Y	N	NA
Lead Acetate Strips: _____			

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used: Ziploc

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2661742

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: TH149
Cooler 1 Temp Upon Receipt: 3.6 oC
Cooler 1 Therm Corr. Factor: 0.3 oC
Cooler 1 Corrected Temp: 3.3 oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time: 4-13-23 12:10
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time: 4/13/23 17:20
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: _____ of: _____

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

April 24, 2023

Lori A. Beyer
Pace Analytical Services - Long Island, NY
575 Broad Hollow Road
Melville, NY 11747

Project Location: NY
Client Job Number:
Project Number: 70252808
Laboratory Work Order Number: 23D1915

Enclosed are results of analyses for samples as received by the laboratory on April 15, 2023. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Kaitlyn A. Feliciano
Project Manager

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Pace Analytical Services - Long Island, NY
575 Broad Hollow Road
Melville, NY 11747
ATTN: Lori A. Beyer

REPORT DATE: 4/24/2023

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 70252808

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 23D1915

The results of analyses performed on the following samples submitted to CON-TEST, a Pace Analytical Laboratory, are found in this report.

PROJECT LOCATION: NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
SCA SAND 002020	23D1915-01	Soil		SM 2540G SW-846 8081B SW-846 8082A	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

SW-846 8081B

Qualifications:

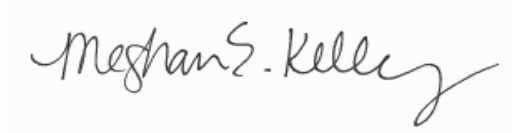
V-06

Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side for this compound.

Analyte & Samples(s) Qualified:

alpha-BHC
B337603-BS1, B337603-BSD1

The results of analyses reported only relate to samples submitted to Con-Test, a Pace Analytical Laboratory, for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Meghan E. Kelley
Reporting Specialist

con-test®
A Pace Analytical® Laboratory

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NY | Sample Description: | Work Order: 23D1915

Date Received: 4/15/2023

Field Sample #: SCA SAND 002020 | Sampled: 4/13/2023 10:15

Sample ID: 23D1915-01

Sample Matrix: Soil

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Alachlor [1]	ND	0.020	0.0061	mg/Kg dry	1		SW-846 8081B	4/18/23	4/21/23 16:22	JMB
Aldrin [1]	ND	0.0051	0.00050	mg/Kg dry	1		SW-846 8081B	4/18/23	4/21/23 16:22	JMB
alpha-BHC [1]	ND	0.0051	0.0028	mg/Kg dry	1		SW-846 8081B	4/18/23	4/21/23 16:22	JMB
beta-BHC [1]	ND	0.0051	0.0023	mg/Kg dry	1		SW-846 8081B	4/18/23	4/21/23 16:22	JMB
delta-BHC [1]	ND	0.0051	0.0034	mg/Kg dry	1		SW-846 8081B	4/18/23	4/21/23 16:22	JMB
gamma-BHC (Lindane) [1]	ND	0.0020	0.00043	mg/Kg dry	1		SW-846 8081B	4/18/23	4/21/23 16:22	JMB
Chlordane [1]	ND	0.020	0.0072	mg/Kg dry	1		SW-846 8081B	4/18/23	4/21/23 16:22	JMB
4,4'-DDD [1]	ND	0.0041	0.00045	mg/Kg dry	1		SW-846 8081B	4/18/23	4/21/23 16:22	JMB
4,4'-DDE [1]	ND	0.0041	0.00048	mg/Kg dry	1		SW-846 8081B	4/18/23	4/21/23 16:22	JMB
4,4'-DDT [1]	ND	0.0041	0.00043	mg/Kg dry	1		SW-846 8081B	4/18/23	4/21/23 16:22	JMB
Dieldrin [1]	ND	0.0041	0.00040	mg/Kg dry	1		SW-846 8081B	4/18/23	4/21/23 16:22	JMB
Endosulfan I [1]	ND	0.0051	0.0025	mg/Kg dry	1		SW-846 8081B	4/18/23	4/21/23 16:22	JMB
Endosulfan II [1]	ND	0.0082	0.0025	mg/Kg dry	1		SW-846 8081B	4/18/23	4/21/23 16:22	JMB
Endosulfan sulfate [1]	ND	0.0082	0.0025	mg/Kg dry	1		SW-846 8081B	4/18/23	4/21/23 16:22	JMB
Endrin [1]	ND	0.0082	0.0025	mg/Kg dry	1		SW-846 8081B	4/18/23	4/21/23 16:22	JMB
Endrin aldehyde [1]	ND	0.0082	0.0050	mg/Kg dry	1		SW-846 8081B	4/18/23	4/21/23 22:15	JMB
Endrin ketone [1]	ND	0.0082	0.0024	mg/Kg dry	1		SW-846 8081B	4/18/23	4/21/23 16:22	JMB
Heptachlor [1]	ND	0.0051	0.00050	mg/Kg dry	1		SW-846 8081B	4/18/23	4/21/23 16:22	JMB
Heptachlor epoxide [1]	ND	0.0051	0.00046	mg/Kg dry	1		SW-846 8081B	4/18/23	4/21/23 16:22	JMB
Hexachlorobenzene [1]	ND	0.0061	0.0034	mg/Kg dry	1		SW-846 8081B	4/18/23	4/21/23 16:22	JMB
Methoxychlor [1]	ND	0.051	0.0063	mg/Kg dry	1		SW-846 8081B	4/18/23	4/21/23 16:22	JMB
Toxaphene [1]	ND	0.10	0.050	mg/Kg dry	1		SW-846 8081B	4/18/23	4/21/23 16:22	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	66.3	30-150		4/21/23 16:22
Decachlorobiphenyl [2]	78.8	30-150		4/21/23 16:22
Tetrachloro-m-xylene [1]	77.4	30-150		4/21/23 16:22
Tetrachloro-m-xylene [2]	72.6	30-150		4/21/23 16:22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NY | Sample Description: | Work Order: 23D1915

Date Received: 4/15/2023

Field Sample #: SCA SAND 002020 | Sampled: 4/13/2023 10:15

Sample ID: 23D1915-01

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.082	0.021	mg/Kg dry	4		SW-846 8082A	4/18/23	4/21/23 1:11	JEA
Aroclor-1221 [1]	ND	0.082	0.044	mg/Kg dry	4		SW-846 8082A	4/18/23	4/21/23 1:11	JEA
Aroclor-1232 [1]	ND	0.082	0.027	mg/Kg dry	4		SW-846 8082A	4/18/23	4/21/23 1:11	JEA
Aroclor-1242 [1]	ND	0.082	0.025	mg/Kg dry	4		SW-846 8082A	4/18/23	4/21/23 1:11	JEA
Aroclor-1248 [1]	ND	0.082	0.021	mg/Kg dry	4		SW-846 8082A	4/18/23	4/21/23 1:11	JEA
Aroclor-1254 [1]	ND	0.082	0.025	mg/Kg dry	4		SW-846 8082A	4/18/23	4/21/23 1:11	JEA
Aroclor-1260 [1]	ND	0.082	0.022	mg/Kg dry	4		SW-846 8082A	4/18/23	4/21/23 1:11	JEA
Aroclor-1262 [1]	ND	0.082	0.024	mg/Kg dry	4		SW-846 8082A	4/18/23	4/21/23 1:11	JEA
Aroclor-1268 [1]	ND	0.082	0.027	mg/Kg dry	4		SW-846 8082A	4/18/23	4/21/23 1:11	JEA

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	94.5	30-150		4/21/23 1:11
Decachlorobiphenyl [2]	101	30-150		4/21/23 1:11
Tetrachloro-m-xylene [1]	84.9	30-150		4/21/23 1:11
Tetrachloro-m-xylene [2]	89.0	30-150		4/21/23 1:11

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Project Location: NY | Sample Description: | Work Order: 23D1915

Date Received: 4/15/2023

Field Sample #: SCA SAND 002020 | Sampled: 4/13/2023 10:15

Sample ID: 23D1915-01

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	96.1		% Wt	1		SM 2540G	4/18/23	4/18/23 6:05	WDC

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Sample Extraction Data

Prep Method: % Solids **Analytical Method: SM 2540G**

Lab Number [Field ID]	Batch	Date
23D1915-01 [SCA SAND 002020]	B337462	04/18/23

Prep Method: SW-846 3546 **Analytical Method: SW-846 8081B**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
23D1915-01 [SCA SAND 002020]	B337603	10.2	10.0	04/18/23

Prep Method: SW-846 3546 **Analytical Method: SW-846 8082A**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
23D1915-01 [SCA SAND 002020]	B337602	10.2	10.0	04/18/23

QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B337603 - SW-846 3546										
Blank (B337603-BLK1)				Prepared: 04/18/23 Analyzed: 04/21/23						
alpha-Chlordane	ND	0.0050	mg/Kg wet							
alpha-Chlordane [2C]	ND	0.0050	mg/Kg wet							
gamma-Chlordane	ND	0.0050	mg/Kg wet							
gamma-Chlordane [2C]	ND	0.0050	mg/Kg wet							
Alachlor	ND	0.020	mg/Kg wet							
Alachlor [2C]	ND	0.020	mg/Kg wet							
Aldrin	ND	0.0050	mg/Kg wet							
Aldrin [2C]	ND	0.0050	mg/Kg wet							
alpha-BHC	ND	0.0050	mg/Kg wet							
alpha-BHC [2C]	ND	0.0050	mg/Kg wet							
beta-BHC	ND	0.0050	mg/Kg wet							
beta-BHC [2C]	ND	0.0050	mg/Kg wet							
delta-BHC	ND	0.0050	mg/Kg wet							
delta-BHC [2C]	ND	0.0050	mg/Kg wet							
gamma-BHC (Lindane)	ND	0.0020	mg/Kg wet							
gamma-BHC (Lindane) [2C]	ND	0.0020	mg/Kg wet							
Chlordane	ND	0.020	mg/Kg wet							
Chlordane [2C]	ND	0.020	mg/Kg wet							
4,4'-DDD	ND	0.0040	mg/Kg wet							
4,4'-DDD [2C]	ND	0.0040	mg/Kg wet							
4,4'-DDE	ND	0.0040	mg/Kg wet							
4,4'-DDE [2C]	ND	0.0040	mg/Kg wet							
4,4'-DDT	ND	0.0040	mg/Kg wet							
4,4'-DDT [2C]	ND	0.0040	mg/Kg wet							
Dieldrin	ND	0.0040	mg/Kg wet							
Dieldrin [2C]	ND	0.0040	mg/Kg wet							
Endosulfan I	ND	0.0050	mg/Kg wet							
Endosulfan I [2C]	ND	0.0050	mg/Kg wet							
Endosulfan II	ND	0.0079	mg/Kg wet							
Endosulfan II [2C]	ND	0.0079	mg/Kg wet							
Endosulfan Sulfate	ND	0.0079	mg/Kg wet							
Endosulfan Sulfate [2C]	ND	0.0079	mg/Kg wet							
Endrin	ND	0.0079	mg/Kg wet							
Endrin [2C]	ND	0.0079	mg/Kg wet							
Endrin Aldehyde	ND	0.0079	mg/Kg wet							
Endrin Aldehyde [2C]	ND	0.0079	mg/Kg wet							
Endrin Ketone	ND	0.0079	mg/Kg wet							
Endrin Ketone [2C]	ND	0.0079	mg/Kg wet							
Heptachlor	ND	0.0050	mg/Kg wet							
Heptachlor [2C]	ND	0.0050	mg/Kg wet							
Heptachlor Epoxide	ND	0.0050	mg/Kg wet							
Heptachlor Epoxide [2C]	ND	0.0050	mg/Kg wet							
Hexachlorobenzene	ND	0.0059	mg/Kg wet							
Hexachlorobenzene [2C]	ND	0.0059	mg/Kg wet							
Methoxychlor	ND	0.050	mg/Kg wet							
Methoxychlor [2C]	ND	0.050	mg/Kg wet							
Toxaphene	ND	0.099	mg/Kg wet							
Toxaphene [2C]	ND	0.099	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.130*		mg/Kg wet	0.198		65.5	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.148*		mg/Kg wet	0.198		74.7	30-150			
Surrogate: Tetrachloro-m-xylene	*0.158*		mg/Kg wet	0.198		79.6	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.143*		mg/Kg wet	0.198		72.1	30-150			

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QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B337603 - SW-846 3546										
LCS (B337603-BS1)				Prepared: 04/18/23 Analyzed: 04/21/23						
alpha-Chlordane	0.080	0.0050	mg/Kg wet	0.100		80.4	40-140			
alpha-Chlordane [2C]	0.070	0.0050	mg/Kg wet	0.100		70.1	40-140			
gamma-Chlordane	0.078	0.0050	mg/Kg wet	0.100		78.0	40-140			
gamma-Chlordane [2C]	0.071	0.0050	mg/Kg wet	0.100		70.6	40-140			
Alachlor	0.065	0.020	mg/Kg wet	0.100		64.9	40-140			
Alachlor [2C]	0.060	0.020	mg/Kg wet	0.100		59.7	40-140			
Aldrin	0.085	0.0050	mg/Kg wet	0.100		85.1	40-140			
Aldrin [2C]	0.071	0.0050	mg/Kg wet	0.100		70.7	40-140			
alpha-BHC	0.080	0.0050	mg/Kg wet	0.100		80.5	40-140			V-06
alpha-BHC [2C]	0.071	0.0050	mg/Kg wet	0.100		71.2	40-140			
beta-BHC	0.069	0.0050	mg/Kg wet	0.100		69.0	40-140			
beta-BHC [2C]	0.064	0.0050	mg/Kg wet	0.100		63.9	40-140			
delta-BHC	0.075	0.0050	mg/Kg wet	0.100		75.1	40-140			
delta-BHC [2C]	0.070	0.0050	mg/Kg wet	0.100		69.6	40-140			
gamma-BHC (Lindane)	0.070	0.0020	mg/Kg wet	0.100		69.9	40-140			
gamma-BHC (Lindane) [2C]	0.071	0.0020	mg/Kg wet	0.100		71.4	40-140			
4,4'-DDD	0.089	0.0040	mg/Kg wet	0.100		89.4	40-140			
4,4'-DDD [2C]	0.077	0.0040	mg/Kg wet	0.100		77.4	40-140			
4,4'-DDE	0.086	0.0040	mg/Kg wet	0.100		85.5	40-140			
4,4'-DDE [2C]	0.067	0.0040	mg/Kg wet	0.100		67.4	40-140			
4,4'-DDT	0.090	0.0040	mg/Kg wet	0.100		90.3	40-140			
4,4'-DDT [2C]	0.071	0.0040	mg/Kg wet	0.100		71.2	40-140			
Dieldrin	0.085	0.0040	mg/Kg wet	0.100		85.3	40-140			
Dieldrin [2C]	0.074	0.0040	mg/Kg wet	0.100		74.4	40-140			
Endosulfan I	0.081	0.0050	mg/Kg wet	0.100		81.1	40-140			
Endosulfan I [2C]	0.070	0.0050	mg/Kg wet	0.100		70.0	40-140			
Endosulfan II	0.081	0.0080	mg/Kg wet	0.100		80.7	40-140			
Endosulfan II [2C]	0.069	0.0080	mg/Kg wet	0.100		69.1	40-140			
Endosulfan Sulfate	0.079	0.0080	mg/Kg wet	0.100		79.4	40-140			
Endosulfan Sulfate [2C]	0.066	0.0080	mg/Kg wet	0.100		65.6	40-140			
Endrin	0.087	0.0080	mg/Kg wet	0.100		87.4	40-140			
Endrin [2C]	0.075	0.0080	mg/Kg wet	0.100		74.6	40-140			
Endrin Aldehyde	0.082	0.0080	mg/Kg wet	0.100		81.9	40-140			
Endrin Aldehyde [2C]	0.068	0.0080	mg/Kg wet	0.100		67.7	40-140			
Endrin Ketone	0.077	0.0080	mg/Kg wet	0.100		77.3	40-140			
Endrin Ketone [2C]	0.069	0.0080	mg/Kg wet	0.100		69.4	40-140			
Heptachlor	0.082	0.0050	mg/Kg wet	0.100		82.1	40-140			
Heptachlor [2C]	0.070	0.0050	mg/Kg wet	0.100		69.6	40-140			
Heptachlor Epoxide	0.084	0.0050	mg/Kg wet	0.100		83.5	40-140			
Heptachlor Epoxide [2C]	0.070	0.0050	mg/Kg wet	0.100		70.0	40-140			
Hexachlorobenzene	0.079	0.0060	mg/Kg wet	0.100		78.7	40-140			
Hexachlorobenzene [2C]	0.068	0.0060	mg/Kg wet	0.100		67.9	40-140			
Methoxychlor	0.085	0.050	mg/Kg wet	0.100		85.2	40-140			
Methoxychlor [2C]	0.069	0.050	mg/Kg wet	0.100		68.8	40-140			
Surrogate: Decachlorobiphenyl	*0.133*		mg/Kg wet	0.200		66.4	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.149*		mg/Kg wet	0.200		74.3	30-150			
Surrogate: Tetrachloro-m-xylene	*0.164*		mg/Kg wet	0.200		81.9	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.146*		mg/Kg wet	0.200		72.8	30-150			

QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B337603 - SW-846 3546										
LCS Dup (B337603-BSD1)				Prepared: 04/18/23 Analyzed: 04/21/23						
alpha-Chlordane	0.083	0.0050	mg/Kg wet	0.0990		83.8	40-140	3.11	30	
alpha-Chlordane [2C]	0.073	0.0050	mg/Kg wet	0.0990		74.2	40-140	4.62	30	
gamma-Chlordane	0.079	0.0050	mg/Kg wet	0.0990		79.8	40-140	1.19	30	
gamma-Chlordane [2C]	0.074	0.0050	mg/Kg wet	0.0990		74.8	40-140	4.90	30	
Alachlor	0.067	0.020	mg/Kg wet	0.0990		67.3	40-140	2.61	30	
Alachlor [2C]	0.062	0.020	mg/Kg wet	0.0990		62.6	40-140	3.76	30	
Aldrin	0.083	0.0050	mg/Kg wet	0.0990		83.9	40-140	2.45	30	
Aldrin [2C]	0.073	0.0050	mg/Kg wet	0.0990		74.0	40-140	3.53	30	
alpha-BHC	0.074	0.0050	mg/Kg wet	0.0990		74.9	40-140	8.23	30	V-06
alpha-BHC [2C]	0.069	0.0050	mg/Kg wet	0.0990		69.8	40-140	3.05	30	
beta-BHC	0.067	0.0050	mg/Kg wet	0.0990		67.3	40-140	3.43	30	
beta-BHC [2C]	0.065	0.0050	mg/Kg wet	0.0990		65.7	40-140	1.71	30	
delta-BHC	0.073	0.0050	mg/Kg wet	0.0990		73.6	40-140	3.06	30	
delta-BHC [2C]	0.071	0.0050	mg/Kg wet	0.0990		72.0	40-140	2.40	30	
gamma-BHC (Lindane)	0.065	0.0020	mg/Kg wet	0.0990		65.4	40-140	7.75	30	
gamma-BHC (Lindane) [2C]	0.070	0.0020	mg/Kg wet	0.0990		71.0	40-140	1.63	30	
4,4'-DDD	0.094	0.0040	mg/Kg wet	0.0990		95.3	40-140	5.37	30	
4,4'-DDD [2C]	0.082	0.0040	mg/Kg wet	0.0990		82.5	40-140	5.37	30	
4,4'-DDE	0.090	0.0040	mg/Kg wet	0.0990		90.9	40-140	5.12	30	
4,4'-DDE [2C]	0.074	0.0040	mg/Kg wet	0.0990		74.6	40-140	9.23	30	
4,4'-DDT	0.095	0.0040	mg/Kg wet	0.0990		96.0	40-140	5.13	30	
4,4'-DDT [2C]	0.078	0.0040	mg/Kg wet	0.0990		79.1	40-140	9.53	30	
Dieldrin	0.086	0.0040	mg/Kg wet	0.0990		87.2	40-140	1.21	30	
Dieldrin [2C]	0.078	0.0040	mg/Kg wet	0.0990		78.6	40-140	4.51	30	
Endosulfan I	0.082	0.0050	mg/Kg wet	0.0990		82.3	40-140	0.521	30	
Endosulfan I [2C]	0.073	0.0050	mg/Kg wet	0.0990		74.0	40-140	4.61	30	
Endosulfan II	0.084	0.0079	mg/Kg wet	0.0990		84.6	40-140	3.73	30	
Endosulfan II [2C]	0.073	0.0079	mg/Kg wet	0.0990		74.2	40-140	6.20	30	
Endosulfan Sulfate	0.085	0.0079	mg/Kg wet	0.0990		85.9	40-140	6.78	30	
Endosulfan Sulfate [2C]	0.071	0.0079	mg/Kg wet	0.0990		71.6	40-140	7.78	30	
Endrin	0.089	0.0079	mg/Kg wet	0.0990		90.1	40-140	2.03	30	
Endrin [2C]	0.078	0.0079	mg/Kg wet	0.0990		78.9	40-140	4.61	30	
Endrin Aldehyde	0.084	0.0079	mg/Kg wet	0.0990		84.9	40-140	2.59	30	
Endrin Aldehyde [2C]	0.071	0.0079	mg/Kg wet	0.0990		71.3	40-140	4.18	30	
Endrin Ketone	0.083	0.0079	mg/Kg wet	0.0990		84.0	40-140	7.34	30	
Endrin Ketone [2C]	0.076	0.0079	mg/Kg wet	0.0990		76.8	40-140	9.20	30	
Heptachlor	0.077	0.0050	mg/Kg wet	0.0990		77.8	40-140	6.48	30	
Heptachlor [2C]	0.070	0.0050	mg/Kg wet	0.0990		70.8	40-140	0.612	30	
Heptachlor Epoxide	0.083	0.0050	mg/Kg wet	0.0990		83.5	40-140	0.976	30	
Heptachlor Epoxide [2C]	0.073	0.0050	mg/Kg wet	0.0990		74.2	40-140	4.77	30	
Hexachlorobenzene	0.081	0.0059	mg/Kg wet	0.0990		82.2	40-140	3.40	30	
Hexachlorobenzene [2C]	0.075	0.0059	mg/Kg wet	0.0990		76.0	40-140	10.2	30	
Methoxychlor	0.090	0.050	mg/Kg wet	0.0990		91.3	40-140	5.97	30	
Methoxychlor [2C]	0.074	0.050	mg/Kg wet	0.0990		75.1	40-140	7.76	30	
Surrogate: Decachlorobiphenyl [2C]	*0.165*		mg/Kg wet	0.198		83.5	30-150			
Surrogate: Tetrachloro-m-xylene	*0.172*		mg/Kg wet	0.198		86.8	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.164*		mg/Kg wet	0.198		82.9	30-150			

QUALITY CONTROL

Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B337602 - SW-846 3546										
Blank (B337602-BLK1)				Prepared: 04/18/23 Analyzed: 04/20/23						
Aroclor-1016	ND	0.020	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1221	ND	0.020	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1232	ND	0.020	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1242	ND	0.020	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1248	ND	0.020	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1254	ND	0.020	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1260	ND	0.020	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1262	ND	0.020	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1268	ND	0.020	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.020	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.183*		mg/Kg wet	0.198		92.4	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.207*		mg/Kg wet	0.198		104	30-150			
Surrogate: Tetrachloro-m-xylene	*0.170*		mg/Kg wet	0.198		85.7	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.187*		mg/Kg wet	0.198		94.5	30-150			
LCS (B337602-BS1)				Prepared: 04/18/23 Analyzed: 04/20/23						
Aroclor-1016	0.15	0.020	mg/Kg wet	0.200		76.3	40-140			
Aroclor-1016 [2C]	0.16	0.020	mg/Kg wet	0.200		81.0	40-140			
Aroclor-1260	0.16	0.020	mg/Kg wet	0.200		78.9	40-140			
Aroclor-1260 [2C]	0.17	0.020	mg/Kg wet	0.200		85.2	40-140			
Surrogate: Decachlorobiphenyl	*0.184*		mg/Kg wet	0.200		92.2	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.211*		mg/Kg wet	0.200		105	30-150			
Surrogate: Tetrachloro-m-xylene	*0.176*		mg/Kg wet	0.200		88.1	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.200*		mg/Kg wet	0.200		100	30-150			
LCS Dup (B337602-BSD1)				Prepared: 04/18/23 Analyzed: 04/21/23						
Aroclor-1016	0.14	0.020	mg/Kg wet	0.196		71.1	40-140	7.07	30	
Aroclor-1016 [2C]	0.16	0.020	mg/Kg wet	0.196		81.3	40-140	0.460	30	
Aroclor-1260	0.15	0.020	mg/Kg wet	0.196		76.1	40-140	3.55	30	
Aroclor-1260 [2C]	0.17	0.020	mg/Kg wet	0.196		84.6	40-140	0.677	30	
Surrogate: Decachlorobiphenyl	*0.173*		mg/Kg wet	0.196		88.2	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.199*		mg/Kg wet	0.196		101	30-150			
Surrogate: Tetrachloro-m-xylene	*0.165*		mg/Kg wet	0.196		84.4	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.193*		mg/Kg wet	0.196		98.4	30-150			

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BREAKDOWN REPORT

Lab Sample ID:	S086313-PEM1	Analyzed:	04/21/2023

Column Number: 1

Analyte	% Breakdown
4,4'-DDT [1]	0.47
Endrin [1]	1.20

Column Number: 2

Analyte	% Breakdown
4,4'-DDT [2]	0.46
Endrin [2]	0.38

BREAKDOWN REPORT

Lab Sample ID:	S086313-PEM2	Analyzed:	04/21/2023

Column Number: 1

Analyte	% Breakdown
4,4'-DDT [1]	4.83
Endrin [1]	0.65

Column Number: 2

Analyte	% Breakdown
4,4'-DDT [2]	5.22
Endrin [2]	0.34

BREAKDOWN REPORT

Lab Sample ID:	S086313-PEM3	Analyzed:	04/22/2023

Column Number: 1

Analyte	% Breakdown
4,4'-DDT [1]	5.30
Endrin [1]	1.11

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BREAKDOWN REPORT

Lab Sample ID:	**S086313-PEM3**	**Analyzed:**	**04/22/2023**

Column Number: **2**

Analyte	% Breakdown
4,4'-DDT [2]	5.52
Endrin [2]	0.46

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS

Lab Sample ID: B337602-BS1 Date(s) Analyzed: 04/20/2023 04/20/2023

Instrument ID (1): ECD 9 Instrument ID (2): ECD 9

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	0.000	0.000	0.15	
	2	0.000	0.000	0.000	0.16	6.5
Aroclor-1260	1	0.000	0.000	0.000	0.16	
	2	0.000	0.000	0.000	0.17	6.1

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS Dup

Lab Sample ID: B337602-BSD1 Date(s) Analyzed: 04/21/2023 04/21/2023

Instrument ID (1): ECD 9 Instrument ID (2): ECD 9

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	0.000	0.000	0.14	
	2	0.000	0.000	0.000	0.16	13.3
Aroclor-1260	1	0.000	0.000	0.000	0.15	
	2	0.000	0.000	0.000	0.17	12.5

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8081B

LCS

Lab Sample ID: B337603-BS1 Date(s) Analyzed: 04/21/2023 04/21/2023

Instrument ID (1): ECD2A Instrument ID (2): ECD2B

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDD	1	7.011	6.979	7.039	0.089	
	2	6.473	6.444	6.504	0.077	14.5
4,4'-DDE	1	6.582	6.550	6.610	0.086	
	2	6.102	6.074	6.134	0.067	24.8
4,4'-DDT	1	7.220	7.187	7.247	0.090	
	2	6.687	6.659	6.719	0.071	23.6
Alachlor	1	6.039	6.007	6.067	0.065	
	2	5.419	5.390	5.450	0.060	8.0
Aldrin	1	5.939	5.907	5.967	0.085	
	2	5.451	5.423	5.483	0.071	17.9
alpha-BHC	1	5.269	5.238	5.298	0.080	
	2	4.890	4.861	4.921	0.071	13.2
alpha-Chlordane	1	6.520	6.488	6.548	0.080	
	2	5.974	5.946	6.006	0.070	13.3
beta-BHC	1	5.509	5.477	5.537	0.069	
	2	5.102	5.073	5.133	0.064	7.5
delta-BHC	1	5.616	5.585	5.645	0.075	
	2	5.243	5.214	5.274	0.070	6.9
Dieldrin	1	6.783	6.751	6.811	0.085	
	2	6.166	6.137	6.197	0.074	13.8
Endosulfan I	1	6.613	6.581	6.641	0.081	
	2	5.996	5.968	6.028	0.070	14.6
Endosulfan II	1	7.113	7.080	7.140	0.081	
	2	6.489	6.461	6.521	0.069	16.0
Endosulfan Sulfate	1	7.762	7.729	7.789	0.079	
	2	6.919	6.891	6.951	0.066	17.9
Endrin	1	6.949	6.916	6.976	0.087	
	2	6.349	6.319	6.379	0.075	14.8
Endrin Aldehyde	1	7.427	7.399	7.459	0.082	
	2	6.717	6.686	6.746	0.068	18.7
Endrin Ketone	1	7.971	7.938	7.998	0.077	

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8081B

LCS

Lab Sample ID: B337603-BS1 Date(s) Analyzed: 04/21/2023 04/21/2023

Instrument ID (1): ECD2A Instrument ID (2): ECD2B

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
	2	7.274	7.245	7.305	0.069	11.0
gamma-BHC (Lindane)	1	5.455	5.424	5.484	0.070	
	2	5.056	5.027	5.087	0.071	1.4
gamma-Chlordane	1	6.428	6.395	6.455	0.078	
	2	5.886	5.858	5.918	0.071	9.4
Heptachlor	1	5.748	5.716	5.776	0.082	
	2	5.286	5.257	5.317	0.070	15.8
Heptachlor Epoxide	1	6.342	6.310	6.370	0.084	
	2	5.769	5.740	5.800	0.070	18.2
Hexachlorobenzene	1	5.169	5.138	5.198	0.079	
	2	4.826	4.797	4.857	0.068	15.0
Methoxychlor	1	7.603	7.569	7.629	0.085	
	2	7.193	7.164	7.224	0.069	20.8

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8081B

LCS Dup

Lab Sample ID: B337603-BSD1 Date(s) Analyzed: 04/21/2023 04/21/2023

Instrument ID (1): ECD2A Instrument ID (2): ECD2B

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDD	1	7.012	6.979	7.039	0.094	
	2	6.472	6.444	6.504	0.082	13.6
4,4'-DDE	1	6.582	6.550	6.610	0.090	
	2	6.103	6.074	6.134	0.074	19.5
4,4'-DDT	1	7.220	7.187	7.247	0.095	
	2	6.687	6.659	6.719	0.078	19.7
Alachlor	1	6.039	6.007	6.067	0.067	
	2	5.419	5.390	5.450	0.062	7.8
Aldrin	1	5.939	5.907	5.967	0.083	
	2	5.452	5.423	5.483	0.073	12.8
alpha-BHC	1	5.269	5.238	5.298	0.074	
	2	4.890	4.861	4.921	0.069	7.0
alpha-Chlordane	1	6.520	6.488	6.548	0.083	
	2	5.975	5.946	6.006	0.073	12.8
beta-BHC	1	5.509	5.477	5.537	0.067	
	2	5.102	5.073	5.133	0.065	3.0
delta-BHC	1	5.616	5.585	5.645	0.073	
	2	5.244	5.214	5.274	0.071	2.8
Dieldrin	1	6.783	6.751	6.811	0.086	
	2	6.166	6.137	6.197	0.078	9.8
Endosulfan I	1	6.612	6.581	6.641	0.082	
	2	5.997	5.968	6.028	0.073	11.6
Endosulfan II	1	7.113	7.080	7.140	0.084	
	2	6.489	6.461	6.521	0.073	14.0
Endosulfan Sulfate	1	7.762	7.729	7.789	0.085	
	2	6.920	6.891	6.951	0.071	17.9
Endrin	1	6.949	6.916	6.976	0.089	
	2	6.348	6.319	6.379	0.078	13.2
Endrin Aldehyde	1	7.427	7.399	7.459	0.084	
	2	6.717	6.686	6.746	0.071	16.8
Endrin Ketone	1	7.971	7.938	7.998	0.083	

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8081B

LCS Dup

Lab Sample ID: B337603-BSD1 Date(s) Analyzed: 04/21/2023 04/21/2023

Instrument ID (1): ECD2A Instrument ID (2): ECD2B

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
	2	7.274	7.245	7.305	0.076	8.8
gamma-BHC (Lindane)	1	5.455	5.424	5.484	0.065	
	2	5.057	5.027	5.087	0.070	7.4
gamma-Chlordane	1	6.429	6.395	6.455	0.079	
	2	5.887	5.858	5.918	0.074	6.5
Heptachlor	1	5.748	5.716	5.776	0.077	
	2	5.286	5.257	5.317	0.070	9.5
Heptachlor Epoxide	1	6.342	6.310	6.370	0.083	
	2	5.769	5.740	5.800	0.073	12.8
Hexachlorobenzene	1	5.170	5.138	5.198	0.081	
	2	4.826	4.797	4.857	0.075	7.7
Methoxychlor	1	7.603	7.569	7.629	0.090	
	2	7.193	7.164	7.224	0.074	19.5

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
V-06	Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side for this compound.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8081B in Soil	
Alachlor	NC
Alachlor [2C]	NC
Aldrin	CT,NH,NY,ME,NC,VA
Aldrin [2C]	CT,NH,NY,ME,NC,VA
alpha-BHC	CT,NH,NY,ME,NC,VA
alpha-BHC [2C]	CT,NH,NY,ME,NC,VA
beta-BHC	CT,NH,NY,ME,NC,VA
beta-BHC [2C]	CT,NH,NY,ME,NC,VA
delta-BHC	CT,NH,NY,ME,NC,VA
delta-BHC [2C]	CT,NH,NY,ME,NC,VA
gamma-BHC (Lindane)	CT,NH,NY,ME,NC,VA
gamma-BHC (Lindane) [2C]	CT,NH,NY,ME,NC,VA
Chlordane	CT,NH,NY,ME,NC,VA
Chlordane [2C]	CT,NH,NY,ME,NC,VA
4,4'-DDD	CT,NH,NY,ME,NC,VA
4,4'-DDD [2C]	CT,NH,NY,ME,NC,VA
4,4'-DDE	CT,NH,NY,ME,NC,VA
4,4'-DDE [2C]	CT,NH,NY,ME,NC,VA
4,4'-DDT	CT,NH,NY,ME,NC,VA
4,4'-DDT [2C]	CT,NH,NY,ME,NC,VA
Dieldrin	CT,NH,NY,ME,NC,VA
Dieldrin [2C]	CT,NH,NY,ME,NC,VA
Endosulfan I	CT,NH,NY,ME,NC,VA
Endosulfan I [2C]	CT,NH,NY,ME,NC,VA
Endosulfan II	CT,NH,NY,ME,NC,VA
Endosulfan II [2C]	CT,NH,NY,ME,NC,VA
Endosulfan Sulfate	CT,NH,NY,ME,NC,VA
Endosulfan Sulfate [2C]	CT,NH,NY,ME,NC,VA
Endrin	CT,NH,NY,ME,NC,VA
Endrin [2C]	CT,NH,NY,ME,NC,VA
Endrin Aldehyde	CT,NH,NY,ME,NC,VA
Endrin Aldehyde [2C]	CT,NH,NY,ME,NC,VA
Endrin Ketone	NC
Endrin Ketone [2C]	NC
Heptachlor	CT,NH,NY,ME,NC,VA
Heptachlor [2C]	CT,NH,NY,ME,NC,VA
Heptachlor Epoxide	CT,NH,NY,ME,NC,VA
Heptachlor Epoxide [2C]	CT,NH,NY,ME,NC,VA
Hexachlorobenzene	NC
Hexachlorobenzene [2C]	NC
Methoxychlor	CT,NH,NY,ME,NC,VA
Methoxychlor [2C]	CT,NH,NY,ME,NC,VA
Toxaphene	CT,NH,NY,ME,NC,VA
Toxaphene [2C]	CT,NH,NY,ME,NC,VA
SW-846 8081B in Water	
Alachlor	NC

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8081B in Water	
Alachlor [2C]	NC
Aldrin	CT,NH,NY,ME,NC,VA
Aldrin [2C]	CT,NH,NY,ME,NC,VA
alpha-BHC	CT,NH,NY,ME,NC,VA
alpha-BHC [2C]	CT,NH,NY,ME,NC,VA
beta-BHC	CT,NH,NY,ME,NC,VA
beta-BHC [2C]	CT,NH,NY,ME,NC,VA
delta-BHC	CT,NH,NY,ME,NC,VA
delta-BHC [2C]	CT,NH,NY,ME,NC,VA
gamma-BHC (Lindane)	CT,NH,NY,ME,NC,VA
gamma-BHC (Lindane) [2C]	CT,NH,NY,ME,NC,VA
Chlordane	CT,NH,NY,ME,NC,VA
Chlordane [2C]	CT,NH,NY,ME,NC,VA
4,4'-DDD	CT,NH,NY,ME,NC,VA
4,4'-DDD [2C]	CT,NH,NY,ME,NC,VA
4,4'-DDE	CT,NH,NY,ME,NC,VA
4,4'-DDE [2C]	CT,NH,NY,ME,NC,VA
4,4'-DDT	CT,NH,NY,ME,NC,VA
4,4'-DDT [2C]	CT,NH,NY,ME,NC,VA
Dieldrin	CT,NH,NY,ME,NC,VA
Dieldrin [2C]	CT,NH,NY,ME,NC,VA
Endosulfan I	CT,NH,NY,ME,NC,VA
Endosulfan I [2C]	CT,NH,NY,ME,NC,VA
Endosulfan II	CT,NH,NY,ME,NC,VA
Endosulfan II [2C]	CT,NH,NY,ME,NC,VA
Endosulfan Sulfate	CT,NH,NY,ME,NC,VA
Endosulfan Sulfate [2C]	CT,NH,NY,ME,NC,VA
Endrin	CT,NH,NY,ME,NC,VA
Endrin [2C]	CT,NH,NY,ME,NC,VA
Endrin Aldehyde	CT,NH,NY,ME,NC,VA
Endrin Aldehyde [2C]	CT,NH,NY,ME,NC,VA
Endrin Ketone	NC
Endrin Ketone [2C]	NC
Heptachlor	CT,NH,NY,ME,NC,VA
Heptachlor [2C]	CT,NH,NY,ME,NC,VA
Heptachlor Epoxide	CT,NH,NY,ME,NC,VA
Heptachlor Epoxide [2C]	CT,NH,NY,ME,NC,VA
Hexachlorobenzene	NC
Hexachlorobenzene [2C]	NC
Methoxychlor	CT,NH,NY,ME,NC,VA
Methoxychlor [2C]	CT,NH,NY,ME,NC,VA
Toxaphene	CT,NH,NY,ME,NC,VA
Toxaphene [2C]	CT,NH,NY,ME,NC,VA
SW-846 8082A in Soil	
Aroclor-1016	CT,NH,NY,NC,ME,VA,PA
Aroclor-1016 [2C]	CT,NH,NY,NC,ME,VA,PA

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8082A in Soil	
Aroclor-1221	CT,NH,NY,NC,ME,VA,PA
Aroclor-1221 [2C]	CT,NH,NY,NC,ME,VA,PA
Aroclor-1232	CT,NH,NY,NC,ME,VA,PA
Aroclor-1232 [2C]	CT,NH,NY,NC,ME,VA,PA
Aroclor-1242	CT,NH,NY,NC,ME,VA,PA
Aroclor-1242 [2C]	CT,NH,NY,NC,ME,VA,PA
Aroclor-1248	CT,NH,NY,NC,ME,VA,PA
Aroclor-1248 [2C]	CT,NH,NY,NC,ME,VA,PA
Aroclor-1254	CT,NH,NY,NC,ME,VA,PA
Aroclor-1254 [2C]	CT,NH,NY,NC,ME,VA,PA
Aroclor-1260	CT,NH,NY,NC,ME,VA,PA
Aroclor-1260 [2C]	CT,NH,NY,NC,ME,VA,PA
Aroclor-1262	NH,NY,NC,ME,VA,PA
Aroclor-1262 [2C]	NH,NY,NC,ME,VA,PA
Aroclor-1268	NH,NY,NC,ME,VA,PA
Aroclor-1268 [2C]	NH,NY,NC,ME,VA,PA
SW-846 8082A in Water	
Aroclor-1016	CT,NH,NY,NC,ME,VA,PA
Aroclor-1016 [2C]	CT,NH,NY,NC,ME,VA,PA
Aroclor-1221	CT,NH,NY,NC,ME,VA,PA
Aroclor-1221 [2C]	CT,NH,NY,NC,ME,VA,PA
Aroclor-1232	CT,NH,NY,NC,ME,VA,PA
Aroclor-1232 [2C]	CT,NH,NY,NC,ME,VA,PA
Aroclor-1242	CT,NH,NY,NC,ME,VA,PA
Aroclor-1242 [2C]	CT,NH,NY,NC,ME,VA,PA
Aroclor-1248	CT,NH,NY,NC,ME,VA,PA
Aroclor-1248 [2C]	CT,NH,NY,NC,ME,VA,PA
Aroclor-1254	CT,NH,NY,NC,ME,VA,PA
Aroclor-1254 [2C]	CT,NH,NY,NC,ME,VA,PA
Aroclor-1260	CT,NH,NY,NC,ME,VA,PA
Aroclor-1260 [2C]	CT,NH,NY,NC,ME,VA,PA
Aroclor-1262	NH,NY,NC,ME,VA,PA
Aroclor-1262 [2C]	NH,NY,NC,ME,VA,PA
Aroclor-1268	NH,NY,NC,ME,VA,PA
Aroclor-1268 [2C]	NH,NY,NC,ME,VA,PA

Con-Test, a Pace Environmental Laboratory, operates under the following certifications and accreditations:

Code	Description	Number	Expires
CT	Connecticut Department of Public Health	PH-0821	12/31/2024
NY	New York State Department of Health	10899 NELAP	04/1/2024
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2024
NC	North Carolina Div. of Water Quality	652	12/31/2023
ME	State of Maine	MA00100	06/9/2023
VA	Commonwealth of Virginia	460217	12/14/2023
PA	Commonwealth of Pennsylvania DEP	68-05812	06/30/2023

23D1915

Internal Transfer Chain of Custody

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☐ Samples Pre-Logged into eCOC.

State Of Origin: NY
Cert. Needed: ☐ Yes ☐ No
Owner Received Date: 4/13/2023 **Results Requested By:** 4/24/2023

Workorder: 70252808 **Workorder Name:** SCA SAND 022020

Report To	Subcontract To
Lori A. Beyer Pace Analytical Melville 575 Broad Hollow Road Melville, NY 11747 Phone (516)370-6014	Pace New England 39 Spruce St. East Longmeadow, MA 01028 Phone (413)525-2332 PO 70252808LAB

Item	Sample ID	Sample Type	Collect Date/Time	Lab ID	Matrix	Preserved Containers: Unpreserved	PCBS 8082A	PESTICIDES 8081B	LAB USE ONLY
1	SCA SAND 022020	PS	4/13/2023 10:15	70252808001	Solid	1	X	X	
2									
3									
4									
5									

Transfers	Released By	Date/Time	Received By	Date/Time
1	[signature]	4/14/2023	[signature]	4/14/23 1CCS
2				
3				

Comments

Cooler Temperature on Receipt 2.1 °C **Custody Seal** Y or (N) **Received on Ice** (Y) or **Samples Intact** (Y) or

****In order to maintain client confidentiality, location/name of the sampling site, sampler's name and signature may not be provided on this COC document.*
This chain of custody is considered complete as is since this information is available in the owner laboratory.

STS

KAF

FedEx® Tracking

DELIVERED

Saturday

4/15/2023 at 10:05 am

Signed for by: L.AROYA

Obtain Proof of delivery

How was your delivery?

DELIVERY STATUS

Delivered

TRACKING ID

642863544609

FROM
MELVILLE, NY US

Label Created
4/14/2023 4:27 PM

PACKAGE RECEIVED BY FEDEX
MELVILLE, NY
4/14/2023 5:54 PM

IN TRANSIT
WINDSOR LOCKS, CT
4/15/2023 8:25 AM

OUT FOR DELIVERY
WINDSOR LOCKS, CT
4/15/2023 8:30 AM

DELIVERED
EAST LONGMEADOW, MA US

Delivered
4/15/2023 at 10:05 AM

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Login Sample Receipt Checklist – (Rejection Criteria Listing – Using Acceptance Policy) Any False statement will be brought to the attention of the Client – True or False

Pace
PEOPLE ADVANCING SCIENC

Client Pace-NY
Project 70252808
MCP/RCP Required No
Deliverable Package Req. No
Location NY
PWSID# (When Applicable) NA
Arrival Method:
Courier ☐ Fed Ex ☑ Walk In ☐ Other ☐
Received By / Date / Time LA 4/15/23 1005
Back-Sheet By / Date / Time GL 4/17/23 1945
~~Temperature Method~~ Gun #5
Temp ☑ < 6° C Actual Temperature 2.0
Rush Samples: Yes / (No) Notify
Short Hold: Yes / (No) Notify

	True	False
Received on Ice	☑	☐
Received in Cooler	☑	☐
Custody Seal: DATE TIME	☐	☑
COC Relinquished	☑	☐
COC/Samples Labels Agree	☑	☐
All Samples in Good Condition	☑	☐
Samples Received within Holding Time	☑	☐
Is there enough Volume	☑	☐
Proper Media/Container Used	☑	☐
Splitting Samples Required	☐	☑
MS/MSD	☐	☑
Trip Blanks	☐	☑
Lab to Filters	☐	☑
COC Legible	☑	☐

Notes regarding Samples/COC outside of SOP:

COC Included: (Check all included)
Client ☑ Analysis ☑ Sampler Name ☑
Project ☑ IDs ☑ Collection Date/Time ☑

All Samples Proper pH: (N/A) ☐ ☐

Container (Circle when applicable)	UnP	HCl	HNO3	H2SO4	NaOH	Trizma	NaS2O3	Other Preservative
1L Amber Plastic								
500 mL Amber Plastic								
250 mL Amber Plastic								
Other Amber Clear Plastic								
16oz Amber Clear								
8oz Amber Clear								
4oz Amber Clear								
2oz Amber (Clear)	1							
Col/Bacteria								
Flashpoint								
Plastic Bag								
SOC Kit								
Perchlorate								
Encore								
Frozen								

	Proper Headspace	UnP	HCl	MeOH	Bisulfate	DI	Thiosulfate	Sulfuric	Other
Vials									

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Particle-Size Analysis of Soils
ASTM D 422, D6913

W.O.#: 4872.01 ***Project:*** Evergreen Recycling

Date Sampled: 02/02/23 ***Sample Source:*** Evergreen Recycling of Corona
Date Received 02/02/23 ***Sample by:*** Others
Date Tested: 02/10/23 ***LIC Sample ID:*** BS 146
Date Reported: 02/11/23 ***Proposed Use:*** Fill and Backfill (SCA)
Lab technician: Kirill Nikonov ***Client:***
Description: *SP Poorly graded Sand*

GRAVEL	1.8%
SAND	96.5%

SILT/CLAY	1.7%
MOISTURE CONTENT	2.9%

Note: sample meets gradation specification requirement for Fill and Backfill

	SP Poorly graded Sand			
	Sieve Size	% Passing	Specification	Pass / Fail
Cobbles	4"			
Coarse Gravel	3"	100.0%	100%	Pass
↓	2.5"			
↓	2"			
↓	1.5"			
↓	1"	100.0%		
Fine Gravel	3/4"	99.9%	70-100%	Pass
↓	1/2"	100.0%		
↓	3/8"	99.6%		
↓	1/4"	99.4%		
Coarse Sand	no. 4	98.2%		
↓	no. 8	94.1%		
↓	no. 10			
	no. 12			
Medium Sand	no. 16			
↓	no. 20	82.1%		
↓	no. 30			
↓	no. 40	47.6%		
Fine Sand	no. 50			
↓	no. 60	17.8%		
↓	no. 80	8.6%		
↓	no. 100	5.4%		
↓	no. 200	1.7%	0-10%	Pass
Silt/Clay				

Specification: NYCSCA 02200. 2.01.B. Fill and Backfill

NVLAP TESTING
NVLAP LAB CODE: 600185-0

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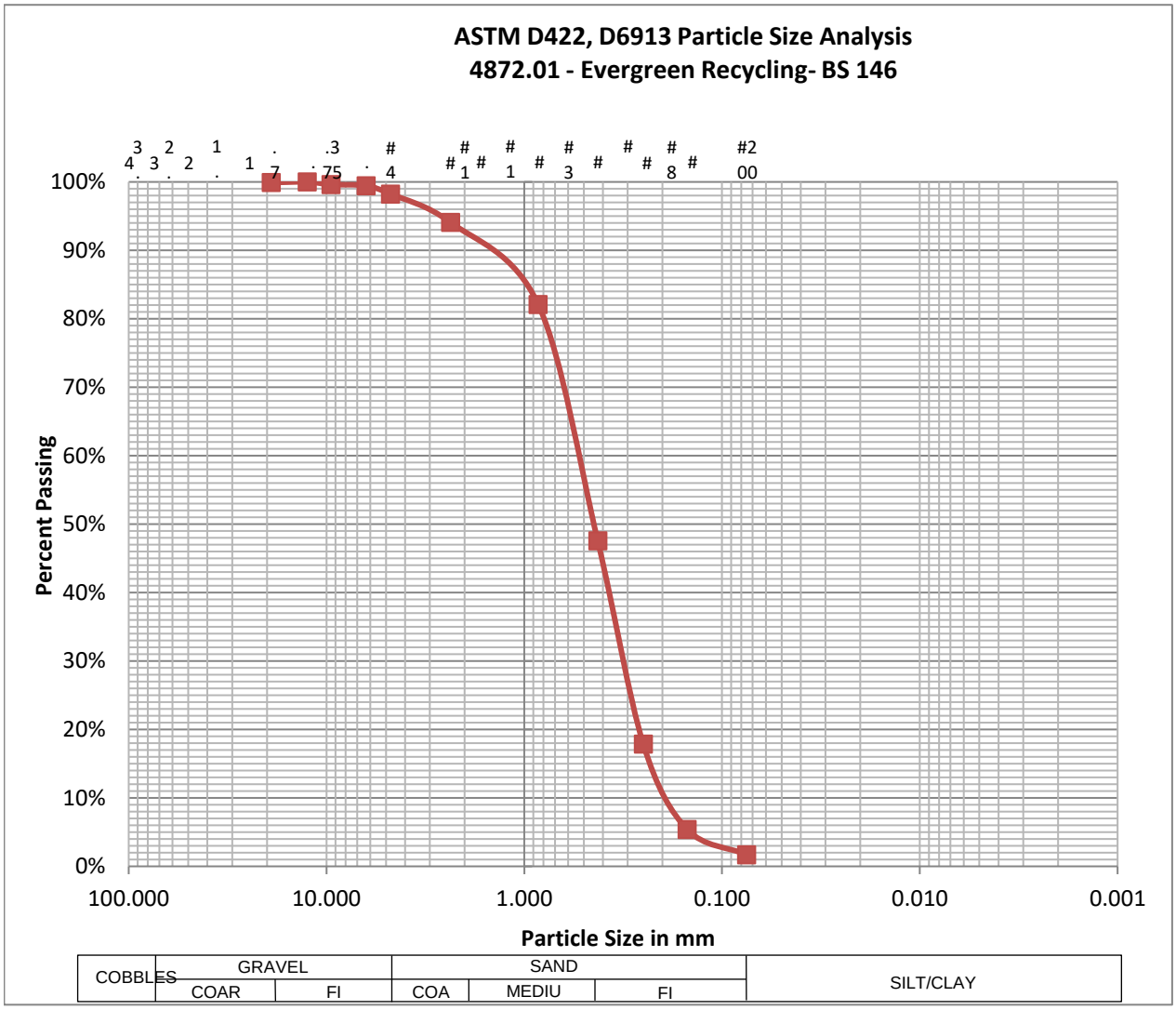

Eduardo Lievano,PE
Lab Director.

Outlook

[External] RE: Willets Point OU-1 (C241146) - Material Import Request - EROC Virgin Sand

From Zheng, Wendi Y (DEC) <Wendi.Zheng@dec.ny.gov>
Date Fri 2023-06-30 11:05 AM
To Nicholas Palumbo <npalumbo@langan.com>
Cc O'Connell, Jane H (DEC) <jane.oconnell@dec.ny.gov>; Obligado, Andre A (DEC) <andre.obligado@dec.ny.gov>; Gerald Nicholls <gnicholls@Langan.com>; Elizabeth Burgess <eburgess@langan.com>; Jason Hayes <jahayes@Langan.com>; Ellie Seery <Eseery@langan.com>; Kristen Wexler <kwexler@langan.com>

Nick,
The Department has reviewed the request dated June 29, 2023 to import approximately 2,000 cubic yards of virgin sand from Evergreen Recycling of Corona- West Hills Silica Sand Mining Co. (Permit No. 41W93 and Permit No. 1-4726-00330/0003) located at 136 Spagnoli Rd in New York. The material will be used for backfill.. Based on the information provided, the request is hereby approved.

The proposed fill material meets the requirements for material other than soil (i.e., gravel, rock, stone, recycled concrete or recycled brick) as specified in section 5.4(e)5 of DER-10. Therefore, the material may be used above or below the demarcation layer.

Testing in accordance with DER-10, the Remedial Action Work Plan and approval by the Department is required for any additional material imported from this source. Should you have any questions please contact me.

Thank you,

Wendi Zheng
New York State Department of Environmental Conservation
P: (718) 482-7541 | wendi.zheng@dec.ny.gov

From: Nicholas Palumbo <npalumbo@langan.com>
Sent: Thursday, June 29, 2023 5:37 PM
To: Zheng, Wendi Y (DEC) <Wendi.Zheng@dec.ny.gov>
Cc: O'Connell, Jane H (DEC) <jane.oconnell@dec.ny.gov>; Obligado, Andre A (DEC) <andre.obligado@dec.ny.gov>; gnicholls@langan.com; Elizabeth Burgess <eburgess@langan.com>; jahayes@Langan.com; Ellie Seery <Eseery@langan.com>; Kristen Wexler <kwexler@langan.com>
Subject: Willets Point OU-1 (C241146) - Material Import Request - EROC Virgin Sand

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

Hi Wendi,

The contractor at Willets Point is proposing import of about 2,000 cubic yards of virgin sand for backfilling around the 72-inch trunk water main piping in OU-1. The facility providing the sand is Evergreen Recycling of Corona,

who sourced the sand from West Hills Silica Sand Mining Corp's 110 Sand Co Mine located in Huntington, New York. Please see import request submittal package attached for DEC's review.

This is a critical item to continue with trunk water main construction, so anything you could do to expedite review would be much appreciated! Please let us know if you have any questions.

Thanks,
Nick

Nick Palumbo
Project Engineer

LANGAN

Direct: 212.479.5435
Mobile: 917.301.1896
File Sharing Link

Phone: 212.479.5400 Fax: 212.479.5444
360 West 31st Street, 8th Floor
New York, NY 10001-2727
www.langan.com

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Willets Point OU-2 (Phase 2) BCP Site

126th STREET/WILLETS POINT BOULEVARD
QUEENS, NEW YORK

Langan No. 170197601
BCP Site No. C241146

IMPORT MATERIAL PACKAGE

Material Type Clean Fill

Source Facility Durante Bros. Construction Corp.
31-40 123rd Street
Flushing, New York

Facility Owner Durante Family
31-40 123rd Street
Flushing, New York

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). Use of this form is not a substitute for reading the applicable Technical Guidance document.

SECTION 1 – SITE BACKGROUND

The allowable site use is: Restricted Residential Use

Have Ecological Resources been identified? no

Is this soil originating from the site? no

How many cubic yards of soil will be imported/reused? >1000

If greater than 1000 cubic yards will be imported, enter volume to be imported: 7,000

SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone? no

Does it contain less than 10%, by weight, material that would pass a size 10 sieve? no

Does it contain less than 10%, by weight, material that would pass a size 100 sieve? yes

Is this virgin material from a permitted mine or quarry? no

Is this material recycled concrete or brick from a DEC registered processing facility? no

SECTION 3 - SAMPLING

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

Nineteen discrete grab samples were collected and analyzed for VOCs. Eight composite samples were collected and analyzed for SVOCs, pesticides, herbicides, PCBs, metals, EPH, and PFAS.

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):

The following analytical results are attached:
- Analytical Laboratory Report No. 23E0826 by York Analytical Laboratories, dated 5/19/2023
- Analytical Laboratory Report No. 23E0828 by York Analytical Laboratories, dated 5/19/2023
- Analytical Laboratory Report No. 23E0825 by York Analytical Laboratories, dated 5/19/2023

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:

Durante Bros. Construction Corp.

Location where fill was obtained:

31-40 123rd Street, Queens, NY

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

NYSDEC Solid Waste Management Facility Registration No. 41W22

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

N/A

Provide a list of supporting documentation included with this request:

1.Clean Source Letter by Durante Bros, dated 5/22/2023
2.Durante Brothers – May 12, 2023 Sampling Event Letter by Tenen Environmental, dated 5/22/2023
3.Scaled Figure of Sample Locations by Grid Logistics, dated 5/12/2023
4.Photographic Log by Grid Logistics
5.Analytical Laboratory Report No. 23E0826 by York Analytical Laboratories, dated 5/19/2023
6.Analytical Laboratory Report No. 23E0828 by York Analytical Laboratories, dated 5/19/2023
7.Analytical Laboratory Report No. 23E0825 by York Analytical Laboratories, dated 5/19/2023
8. Sleve Analysis, prepared by Twin Peaks, dated 5/23/2023

The information provided on this form is accurate and complete.

Elizabeth Burgess

Digitally signed by Elizabeth Burgess
DN: CN=Elizabeth Burgess, OU=New York, OU=Users, OU=Offices, DC=langan, DC=com
Date: 2023.05.25 09:39:15-04'00'

Signature

5/25/2023

Date

Elizabeth Burgess

Print Name

Langan Engineering

Firm

Revised August 2014

47-14-020 (01/94)
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID WASTE

REGISTRATION FORM FOR A SOLID WASTE MANAGEMENT FACILITY

Please read and follow all instructions before completing this registration form

Please **Type** or **Print** clearly THIS IS NOT A UPA PERMIT

DEPARTMENT USE ONLY					
DEC REGISTRATION #	4	1	W	2	2
DEC ADMINISTRATION #					
DATE RECEIVED 4/20/95					

1. FACILITY NAME AND LOCATION	2. FACILITY OWNER'S NAME
DURANTE BROS. CONSTRUCTION CORP	JOHN, LOUIS + MICHAEL DURANTE
Street: 31-40 123rd STREET	Mailing Address: 31-40 123 STREET
City/Village: NEW YORK	City/Town/Village: FLUSHING
Town: FLUSHING County: NY 11354	State/Zip Code: NEW YORK 11354
Telephone Number: (718) 762-2500	Telephone Number: (718) 762-2500
3. FACILITY OPERATOR'S NAME (if different)	4. SITE OWNER'S NAME (if different)
Mailing Address	Mailing Address
City/Town/Village	City/Town/Village
State/Zip Code	State/Zip Code
Telephone Number ( )	Telephone Number ( )

5. TYPE OF FACILITY REGISTRATION (check all applicable boxes)

- ☐ Energy Recovery Incinerators or Pyrolysis Units [360-3.1(c)]
- ☐ Land Application and Sludge Storage Facilities [360-4.1(c)]
- ☐ Composting and Other Distribution and Marketing Facilities [360-5.3(b)]
- ☐ Land Clearing Debris Landfills three acres or less [360-7.2(a)]
- ☐ Transfer Stations (municipally owned/operated/contracted) receiving less than 50,000 cubic yards or 12,500 tons of household solid waste annually [360-11.1(b)(1)]
- ☐ Transfer Stations (municipally owned/operated/contracted) receiving less than 50,000 cubic yards or 12,500 tons of containerized solid waste annually [360-11.1(b)(2)]
- ☐ Source Separated, Nonputrescible Solid Waste Recyclables Handling and Recovery Facilities [360-12.1(d)]
- ☐ Waste Tire Retreaders [360-13.1(d)(1)(i)]
- ☐ Waste Tires Stored for On-site Energy Recovery [360-13.1(d)(1)(ii)]
- ☐ Tire Dealers Selling Waste Tires [360-13.1(d)(1)(iii)]
- ☐ Tire Manufacturing Facilities [360-13.1(d)(1)(iv)]
- ☒ Processing Facilities Receiving Only Recognizable Uncontaminated Concrete, Asphalt Pavement, Brick, Soil or Rock [360-16.1(d)(1)(i)]
- ☐ Uncontaminated Unadulterated Wood Processing Facilities [360-16.1(d)(1)(ii)]
- ☐ Other Facilities not specifically described above, Specify Type _____

6. SOLID WASTE HANDLED

a. List wastes and/or materials to be accepted: UNCONTAMINATED BROKEN CONCRETE / DIRT SOIL

b. Quantity (Specify Units - see instructions)
design capacity 14696 C.Y.
storage on site Map attached

7. OPERATIONS SCHEDULE - Normal schedule of operation
MONDAY – SATURDAY
7 – 5 Closed SUNDAY

8. NAME(S) OF ALL MUNICIPALITIES SERVED
5 BOROS

9. CERTIFICATION:
I hereby affirm under penalty of perjury that information provided on this form and attached statements and exhibits was prepared by me or under my supervision and direction and is true to the best of my knowledge and belief, and that I have the authority as PRESIDENT (title) of DURANTE BROS CONST. CORP. (Entity) to sign this registration form pursuant to 6 NYCRR Part 360. By signing this registration form, I affirm that I have read the applicable regulations and will abide by all conditions of the registration requirements. I am aware that any false statement made herein is punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

Printed/Typed Name	Signature	Mo	Day	Year
LOUIS DURANTE, PRESIDENT		04	05	95

REGISTRANT'S VALIDATED COPY - COPY #3
(To Be Returned by Dec.)

DURANTE BROS.
FILL MATERIAL TRANSFER STATION
31-40 123rd Street, Flushing, New York 11354 • T: 718-762-2500 F: 718-762-2707
www.durantebrothers.com

31-40 123rd Street Queens, NY 11354

May 22, 2023

George Mathews
Triumph Construction
1354 Seneca Avenue
Bronx, NY 10474

Re: Material Sampled on May 12, 2023

Dear George:

Durante Bros. Construction Corp., permit No. 41W22, an approved NYSDEC C&D facility ("Durante"), is to supply General Fill (as defined in 6 NYCRR Part 360.13, consisting of sand and gravel with de-minimus particles of concrete and/or asphalt, if any, as is permitted by the February 12, 2021 NYSDEC Part 360 Enforcement Discretion letters) to the remediation of Willets Point, Roosevelt Ave & Seaver Way Project (the "Willets Point Project"). Specifically, the material proposed for delivery from Durante to the Willets Point Project (the "Material") was sampled on May 12, 2023 at Durante and is presented in the following reports from York Analytical Laboratories Inc. ("York"), which are provided to you herewith: (i) York Project No.: 23E0826, dated 05/19/2023 (sample IDs: C-1, C-2, C-3, C-4, C-5, C-6, C-7 & C-8); (ii) York Project No.: 23E0828, dated 05/19/2023 (sample IDs: G-1, G-2, G-3, G-4, G-5, G-6, G-7, G-8, G-9, G-10 & G-11); and (iii) York Project No.: 23E0825, dated 05/19/2023 (sample IDs: PFAS-1, PFAS-2, PFAS-3, PFAS-4, PFAS-5, PFAS-6, PFAS-7 & PFAS-8). With the exception sample C-5, the Material meets Part 375 residential standards. None of the Material was sourced from, or stored at, any environmentally impacted or contaminated properties.

If you have any questions or if I can be of any assistance, please do not hesitate to contact me at 718-762-2500.

Sincerely,

Louis J Durante
President

TENEN ENVIRONMENTAL

121 West 27th Street, Suite 702
New York, NY 10001
(646) 606-2332

May 22, 2023

RE: Durante Brothers – May 12, 2023 Sampling Event

This summary provides a description of the sampling event that was conducted by Tenen Environmental ("Tenen") at the Durante Brothers processing facility, located at 31-40 123rd Street Queens, NY 11354 (the "Source Location"). It is our understanding that NYSDEC, Region 2 has requested additional information related to the manner in which the materials were sampled, and the characteristics of such materials observed during the sampling. This letter briefly summarizes the sampling conducted by Tenen on May 12, 2023.

Tenen was retained by Grid Logistics LLC as an independent environmental consultant to ensure that sample collection complies with state and receiving site requirements, including DER-10, and that such samples are collected in an impartial and independent manner. We emphasize that Tenen has no financial interest in disposition of the materials characterized at Durante.

Sample Collection.

A total of ~7,000 cy of materials was characterized during this sampling event (the "Source Materials"). Samples were collected from varying depths throughout the stockpile at the test pit locations shown in Attachment A (attached) to be representative of the Source Materials.

Results are summarized in the spreadsheet (provided separately). The following samples were collected and analyzed during this sampling event:

Sample(s)	Sample Type	Analyses
C-1 through C-8	5 pt. Comp w/ VOC grab	Part 375, EPH
PFAS-1 through PFAS-8	5 pt. Comp	Part 375 PFAS
G-1 through G-11	Additional VOC Grabs per DER-10 Table 5.4(e)10	Part 375 VOCs

To ensure that the samples collected were representative, an excavator was used to dig test pits at varying depths throughout the interior of the stockpile. Where test pits were excavated near the sidewalls of the stockpile, such pits were extended from the base of the stockpile to its full height so as to be representative of the entire column of soil present within the stockpile.

One 5-point composite was collected for each ~1,000 cubic yards in the stockpile. For each composite sample, in compliance with DER-10, a VOC grab was collected from any point that exhibited the greatest visual/olfactory evidence of contamination, or, if no evidence of contamination was observed, from a random location. No visual or olfactory evidence of contamination was observed during this sampling event. Accordingly, the VOC grab samples were collected at randomly selected discrete locations distributed throughout the stockpile (see Attachment A).

In addition to composite sample collection, where samples are designated as being “G” samples , such samples were collected as single point grab samples to assist in complying with DER-10 sample frequency requirements for VOCs.

All samples were collected using disposable equipment and in such a manner as to minimize head space/vapor leakage within the sampling bottles. Samples were labeled, preserved on ice and transported under chain-of-custody procedures to York Analytical Laboratories Inc. of Stratford, CT (“York”), which is a laboratory approved by the New York State Department of Health (Nos. 10854 and 12058). The samples were analyzed by York for all Part 375 parameters (including Emerging Contaminants). Each grab sample was analyzed for VOCs using the Terra Core™ sampling apparatus.

Material Description & Photographic Documentation

Tenen observed that the materials consist of light brown, well graded, fine to coarse SAND with some GRAVEL. Tenen noted the occasional presence of *de-minimus* amounts of concrete, and/or asphalt specks in certain test pits, but, in each case, at lower than trace levels, if at all. No ash, slag, or pieces of metal (pipe, etc.) were observed in any amounts.

To document Tenen’s observations, a total of 35 photographs of the Source Materials were taken during this sampling event and can be viewed at the following link:

https://www.dropbox.com/sh/qqm4qihwpg5lnv0/AAC3DF7IV1xXi7RRGdM4SxUFa?dl=0

Should you or NYSDEC require any further information relating to this sampling event, please don’t hesitate to contact me at 347.391.2585.

Sincerely,
Tenen Environmental, LLC

Matthew Carroll, P.E.
Principal / Environmental Engineer

Attachments:
Attachment A – Scaled Figure of Sample Locations
Attachment B – Photographic Log
Attachment C – Laboratory Reports

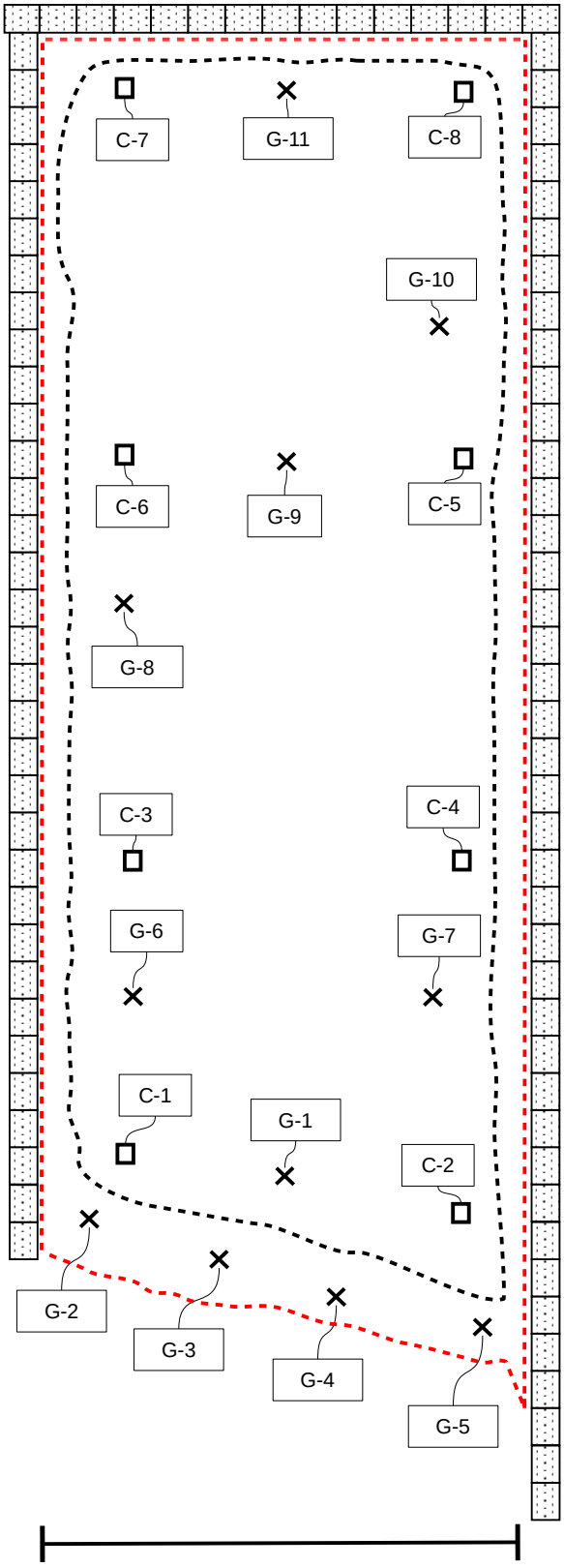
Sampling Date: May 12, 2023

Source Location: Durante Brothers Construction Corp.
31-40 123rd Street
Queens, NY 11354

Volume: ~7,000 cy

Attachment A

Scaled Figure of Sample Locations



N

Legend:

- Indicates sampled stockpile crown
- Indicates sampled stockpile boundary
- Indicates composite sample location (*not to scale*)
- Indicates grab sample location (*not to scale*)

GRID LOGISTICS

31-40 123rd Street
Queens, NY 11354

0 ft. 40 ft.

Date: 05/12/23
Scale: AS NOTED
Version: 1

Attachment B

Photographic Log

View of the southern side of the stockpile

View of a typical sample stockpile

View of the top of the
stockpile looking south

View of the southeast edge
of the stockpile looking northwest

View of the eastern side
of the stockpile looking north

View of the northern side
of the stockpile looking west

Attachment C

Laboratory Reports

Technical Report

prepared for:

Grid Logistics LLC
78 John Miller Way, Suite 312
Kearny NJ, 07032
Attention: Chris Zacharias

Report Date: 05/19/2023
Client Project ID: Durante Bros
York Project (SDG) No.: 23E0826

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 05/19/2023
Client Project ID: Durante Bros
York Project (SDG) No.: 23E0826

Grid Logistics LLC
78 John Miller Way, Suite 312
Kearny NJ, 07032
Attention: Chris Zacharias

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on May 12, 2023 and listed below. The project was identified as your project: **Durante Bros**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
23E0826-01	C-1	Soil	05/12/2023	05/12/2023
23E0826-02	C-2	Soil	05/12/2023	05/12/2023
23E0826-03	C-3	Soil	05/12/2023	05/12/2023
23E0826-04	C-4	Soil	05/12/2023	05/12/2023
23E0826-05	C-5	Soil	05/12/2023	05/12/2023
23E0826-06	C-6	Soil	05/12/2023	05/12/2023
23E0826-07	C-7	Soil	05/12/2023	05/12/2023
23E0826-08	C-8	Soil	05/12/2023	05/12/2023

General Notes for York Project (SDG) No.: 23E0826

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By: **Date:** 05/19/2023

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: C-1 **York Sample ID:** 23E0826-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 9:18 am	05/12/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 14:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 14:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 14:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 14:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 14:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 14:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 14:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 14:35 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 14:35 NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 14:35 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 14:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 14:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 14:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 14:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 14:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 14:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 14:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 14:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 14:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
123-91-1	1,4-Dioxane	ND		ug/kg dry	62	120	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 14:35 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
78-93-3	**2-Butanone**	**9.2**		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 14:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	BMC
591-78-6	2-Hexanone	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 14:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC

Sample Information

Client Sample ID: C-1 **York Sample ID:** 23E0826-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 9:18 am	05/12/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 14:35	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	**Acetone**	**65**	ICVE, QL-02	ug/kg dry	6.2	12	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 14:35	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
107-02-8	Acrolein	ND	CCVE	ug/kg dry	6.2	12	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 14:35	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 14:35	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 14:35	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-97-5	Bromochloromethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 14:35	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 14:35	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 14:35	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 14:35	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 14:35	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 14:35	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 14:35	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 14:35	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 14:35	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND	CCVE	ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 14:35	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 14:35	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 14:35	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 14:35	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 14:35	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 14:35	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 14:35	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 14:35	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 14:35	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: C-1 **York Sample ID:** 23E0826-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 9:18 am	05/12/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 14:35	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-20-9	Methyl acetate	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 14:35	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 14:35	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 14:35	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	Methylene chloride	ND		ug/kg dry	6.2	12	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 14:35	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 14:35	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 14:35	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 14:35	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.2	12	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 14:35	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 14:35	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 14:35	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-42-5	Styrene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 14:35	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 14:35	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 14:35	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 14:35	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-88-3	Toluene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 14:35	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 14:35	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 14:35	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 14:35	BMC CTDOH-PH-0723
79-01-6	Trichloroethylene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 14:35	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 14:35	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-01-4	Vinyl Chloride	ND	CCVE	ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 14:35	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.3	19	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 14:35	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: C-1 **York Sample ID:** 23E0826-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 9:18 am	05/12/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*110 %*			*77-125*						
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.1 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*93.7 %*			*76-130*						

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 14:35	BMC

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 13:36	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	89.0	178	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 13:36	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 13:36	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/16/2023 08:35	05/17/2023 13:36	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 13:36	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/16/2023 08:35	05/17/2023 13:36	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/16/2023 08:35	05/17/2023 13:36	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	89.0	178	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 13:36	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 13:36	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 13:36	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 13:36	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 13:36	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	89.0	178	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 13:36	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 13:36	KH

Sample Information

Client Sample ID: C-1 **York Sample ID:** 23E0826-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 9:18 am	05/12/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 13:36	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 13:36	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 13:36	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 13:36	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 13:36	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	89.0	178	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 13:36	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 13:36	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 13:36	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications:	05/16/2023 08:35 NELAC-NY10854,NJDEP,PADEP	05/17/2023 13:36	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	89.0	178	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 13:36	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	89.0	178	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 13:36	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 13:36	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 13:36	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 13:36	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 13:36	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	89.0	178	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 13:36	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	89.0	178	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 13:36	KH
83-32-9	Acenaphthene	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 13:36	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 13:36	KH
98-86-2	Acetophenone	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications:	05/16/2023 08:35 NELAC-NY10854,NJDEP,PADEP	05/17/2023 13:36	KH
62-53-3	Aniline	ND		ug/kg dry	178	356	2	EPA 8270D Certifications:	05/16/2023 08:35 NELAC-NY10854,NJDEP,PADEP	05/17/2023 13:36	KH
120-12-7	**Anthracene**	**62.6**	J	ug/kg dry	44.6	89.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 13:36	KH
1912-24-9	Atrazine	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications:	05/16/2023 08:35 NELAC-NY10854,NJDEP,PADEP	05/17/2023 13:36	KH

Sample Information

Client Sample ID: C-1 **York Sample ID:** 23E0826-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 9:18 am	05/12/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 13:36	KH
92-87-5	Benzidine	ND		ug/kg dry	178	356	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP	05/16/2023 08:35	05/17/2023 13:36	KH
56-55-3	**Benzo(a)anthracene**	**160**		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 13:36	KH
50-32-8	**Benzo(a)pyrene**	**157**		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 13:36	KH
205-99-2	**Benzo(b)fluoranthene**	**146**		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 13:36	KH
191-24-2	**Benzo(g,h,i)perylene**	**95.4**		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 13:36	KH
207-08-9	**Benzo(k)fluoranthene**	**118**		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 13:36	KH
65-85-0	Benzoic acid	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 13:36	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 13:36	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 13:36	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 13:36	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 13:36	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 13:36	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 13:36	KH
105-60-2	Caprolactam	ND		ug/kg dry	89.0	178	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 13:36	KH
86-74-8	Carbazole	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 13:36	KH
218-01-9	**Chrysene**	**159**		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 13:36	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 13:36	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 13:36	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 13:36	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 13:36	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 13:36	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 13:36	KH

Sample Information

Client Sample ID: C-1 **York Sample ID:** 23E0826-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 9:18 am	05/12/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
122-39-4	* Diphenylamine	ND		ug/kg dry	89.0	178	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 13:36	KH
206-44-0	**Fluoranthene**	**250**		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 13:36	KH
86-73-7	Fluorene	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications:	05/16/2023 08:35 NELAC-NY10854,NJDEP,PADEP	05/17/2023 13:36	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 13:36	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 13:36	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 13:36	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 13:36	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**102**		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 13:36	KH
78-59-1	Isophorone	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 13:36	KH
91-20-3	Naphthalene	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 13:36	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 13:36	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 13:36	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 13:36	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 13:36	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 13:36	KH
85-01-8	**Phenanthrene**	**219**		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 13:36	KH
108-95-2	Phenol	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 13:36	KH
129-00-0	**Pyrene**	**312**		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 13:36	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*4.72 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*20.4 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*41.4 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*37.8 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*1.72 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*41.8 %*	*24-116*

Sample Information

Client Sample ID: C-1 **York Sample ID:** 23E0826-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 9:18 am	05/12/2023

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**Octadecadienoic Acid Isomer...**	**1480**	J	ug/kg dry			2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 13:36	KH
NA	**Octadecenoic Acid Isomer RT...**	**1270**	J	ug/kg dry			2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 13:36	KH

Pesticides, NJDEP/TCL List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.76	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 04:12	BCJ
72-55-9	4,4'-DDE	ND		ug/kg dry	1.76	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 04:12	BCJ
50-29-3	4,4'-DDT	ND		ug/kg dry	1.76	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 04:12	BCJ
309-00-2	**Aldrin**	**3.88**		ug/kg dry	1.76	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 04:12	BCJ
319-84-6	alpha-BHC	ND		ug/kg dry	1.76	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 04:12	BCJ
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.76	5	EPA 8081B Certifications:	05/16/2023 09:24 NELAC-NY10854,NJDEP	05/18/2023 04:12	BCJ
319-85-7	beta-BHC	ND		ug/kg dry	1.76	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 04:12	BCJ
57-74-9	Chlordane, total	ND		ug/kg dry	3.52	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 04:12	BCJ
319-86-8	delta-BHC	ND		ug/kg dry	1.76	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 04:12	BCJ
60-57-1	Dieldrin	ND		ug/kg dry	1.76	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 04:12	BCJ
959-98-8	Endosulfan I	ND		ug/kg dry	1.76	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 04:12	BCJ
33213-65-9	Endosulfan II	ND		ug/kg dry	1.76	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854	05/18/2023 04:12	BCJ
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.76	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 04:12	BCJ
72-20-8	Endrin	ND		ug/kg dry	1.76	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 04:12	BCJ
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.76	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 04:12	BCJ
53494-70-5	Endrin ketone	ND		ug/kg dry	1.76	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 04:12	BCJ
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.76	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 04:12	BCJ

Sample Information

Client Sample ID: C-1 **York Sample ID:** 23E0826-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 9:18 am	05/12/2023

Pesticides, NJDEP/TCL List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.76	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/16/2023 09:24	05/18/2023 04:12	BCJ
76-44-8	Heptachlor	ND		ug/kg dry	1.76	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 09:24	05/18/2023 04:12	BCJ
1024-57-3	**Heptachlor epoxide**	**2.49**		ug/kg dry	1.76	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 09:24	05/18/2023 04:12	BCJ
72-43-5	Methoxychlor	ND		ug/kg dry	8.81	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 09:24	05/18/2023 04:12	BCJ
8001-35-2	Toxaphene	ND		ug/kg dry	89.1	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 09:24	05/18/2023 04:12	BCJ
57-74-9	* Chlordane, total (alpha, gamma)	ND		ug/kg dry	1.76	5	EPA 8081B Certifications:	05/16/2023 09:24	05/18/2023 04:12	BCJ

Surrogate Recoveries	Result		Acceptance Range
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*25.8 %*	S-08, S-GC	*30-140*
2051-24-3 *Surrogate: Decachlorobiphenyl*	*34.6 %*		*30-140*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	05/16/2023 09:24	05/18/2023 01:08	BCJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	05/16/2023 09:24	05/18/2023 01:08	BCJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	05/16/2023 09:24	05/18/2023 01:08	BCJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	05/16/2023 09:24	05/18/2023 01:08	BCJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	05/16/2023 09:24	05/18/2023 01:08	BCJ
11097-69-1	Aroclor 1254	ND	PCB-I	mg/kg dry	0.0178	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	05/16/2023 09:24	05/18/2023 01:08	BCJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	05/16/2023 09:24	05/18/2023 01:08	BCJ
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2023 09:24	05/18/2023 01:08	BCJ
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2023 09:24	05/18/2023 01:08	BCJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications:	05/16/2023 09:24	05/18/2023 01:08	BCJ

Surrogate Recoveries	Result		Acceptance Range
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*38.0 %*		*30-140*
2051-24-3 *Surrogate: Decachlorobiphenyl*	*27.0 %*	S-08, S-GC	*30-140*

Sample Information

Client Sample ID: C-1 **York Sample ID:** 23E0826-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 9:18 am	05/12/2023

Herbicides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/kg dry	21.4	1	EPA 8151A Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:44	05/19/2023 02:31	BCJ
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	21.4	1	EPA 8151A Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:44	05/19/2023 02:31	BCJ
94-75-7	2,4-D	ND		ug/kg dry	21.4	1	EPA 8151A Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:44	05/19/2023 02:31	BCJ

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*26.6 %*	*21-150*

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	* ETPH (Extractable Total Petroleum Hydrocarbons)	ND		mg/kg dry	302	5	CT DEP ETPH Certifications: CTDOH-PH-0723	05/19/2023 08:10	05/19/2023 15:28	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*103 %*	*50-150*

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	*** Total EPH**	**177**		mg/kg dry	54.2	1	NJDEP EPH Rev 3.0 Certifications: NJDEP	05/16/2023 08:47	05/16/2023 22:50	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*69.7 %*	*31.6-128*
84-15-1	*Surrogate: o-Terphenyl*	*71.4 %*	*28.7-124*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**10100**		mg/kg dry	4.57	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 14:10	05/19/2023 10:42	AJL
7440-36-0	Antimony	ND		mg/kg dry	2.28	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 14:10	05/19/2023 10:42	AJL
7440-38-2	**Arsenic**	**5.64**		mg/kg dry	1.37	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 14:10	05/19/2023 10:42	AJL
7440-39-3	**Barium**	**62.6**		mg/kg dry	2.28	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 14:10	05/19/2023 10:42	AJL

Sample Information

Client Sample ID: C-1 **York Sample ID:** 23E0826-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 9:18 am	05/12/2023

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	**Beryllium**	**0.084**		mg/kg dry	0.046	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:42	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.274	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:42	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**20700**		mg/kg dry	4.57	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:42	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**20.5**		mg/kg dry	0.457	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:42	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**6.99**		mg/kg dry	0.365	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:42	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**24.4**		mg/kg dry	1.83	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:42	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**14800**		mg/kg dry	22.8	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:42	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**43.3**		mg/kg dry	0.457	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:42	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**5020**		mg/kg dry	4.57	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:42	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**282**		mg/kg dry	0.457	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:42	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**17.6**		mg/kg dry	0.910	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:42	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**965**		mg/kg dry	4.57	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:42	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.28	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:42	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.460	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:42	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**678**		mg/kg dry	45.7	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:42	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.28	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:42	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**27.0**		mg/kg dry	0.910	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:42	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**69.5**	M-CCV 1	mg/kg dry	2.27	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:42	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0813**		mg/kg dry	0.0329	1	EPA 7473	05/17/2023 14:10	05/17/2023 22:19	AGNR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: C-1 **York Sample ID:** 23E0826-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 9:18 am	05/12/2023

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	**Chromium, Hexavalent**	**0.745**		mg/kg dry	0.548	1	EPA 7196A	05/18/2023 14:11	05/18/2023 21:19	ZTS
							Certifications: NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.548	1	EPA 9014/9010C	05/17/2023 14:34	05/17/2023 20:46	SL
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			

pH

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	**11.2**		pH units	0.500	1	EPA 9045D	05/15/2023 16:49	05/15/2023 21:57	SL
							Certifications: NELAC-NY10854,CTDOH-PH-0723,PADEP,NJDEP			

ORP (Oxidation-Reduction Potential)(Ag/AgCl)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	*** ORP (Oxidation-Reduction Potential) (Ag/AgCl)**	**380**		mV	-200	1	ASTM 1498-08 M	05/15/2023 16:52	05/15/2023 22:00	SL
							Certifications:			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.3**		%	0.100	1	SM 2540G	05/18/2023 09:34	05/18/2023 14:12	sgs
							Certifications: CTDOH-PH-0723			

SPLP Extraction for METALS EPA 1312

Log-in Notes: **Sample Notes:** **EXT-Temp**

Sample Prepared by Method: EPA SW 846-1312 SPLP for Extr. for Metals

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	SPLP Extraction	Completed		N/A	1.00	1	EPA 1312	05/15/2023 12:31	05/16/2023 09:46	TAJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

SPLP Extraction for SVOC/PEST/HERB 1312

Log-in Notes: **Sample Notes:** **EXT-Temp**

Sample Prepared by Method: EPA SW 846-1312 SPLP Extraction for BNA/Pest/Herb

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: C-1 **York Sample ID:** 23E0826-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 9:18 am	05/12/2023

SPLP Extraction for SVOC/PEST/HERB 1312

Log-in Notes: **Sample Notes:** EXT-Temp

Sample Prepared by Method: EPA SW 846-1312 SPLP Extraction for BNA/Pest/Herb

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	SPLP Extraction	Completed		N/A	1.00	1	EPA 1312	05/15/2023 12:27	05/16/2023 09:42	TAJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

SPLP Extraction for VOA by EPA 1312 ZHE

Log-in Notes: **Sample Notes:** EXT-Temp

Sample Prepared by Method: EPA SW 846-1312 ZHE for SPLP Volatiles

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	SPLP Extraction	Completed		N/A	1.00	1	EPA 1312	05/15/2023 12:23	05/16/2023 09:39	TAJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: C-2 **York Sample ID:** 23E0826-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 9:20 am	05/12/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	05/15/2023 09:25	05/15/2023 15:11	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	05/15/2023 09:25	05/15/2023 15:11	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	05/15/2023 09:25	05/15/2023 15:11	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	05/15/2023 09:25	05/15/2023 15:11	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	05/15/2023 09:25	05/15/2023 15:11	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	05/15/2023 09:25	05/15/2023 15:11	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	05/15/2023 09:25	05/15/2023 15:11	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	05/15/2023 09:25	05/15/2023 15:11	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	05/15/2023 09:25	05/15/2023 15:11	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	05/15/2023 09:25	05/15/2023 15:11	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	05/15/2023 09:25	05/15/2023 15:11	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: C-2 **York Sample ID:** 23E0826-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 9:20 am	05/12/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 15:11	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 15:11	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 15:11	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 15:11	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 15:11	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 15:11	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 15:11	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 15:11	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		ug/kg dry	56	110	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 15:11	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 15:11	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 15:11	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 15:11	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	**Acetone**	**20**	ICVE, QL-02	ug/kg dry	5.6	11	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 15:11	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
107-02-8	Acrolein	ND	CCVE	ug/kg dry	5.6	11	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 15:11	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 15:11	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 15:11	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-97-5	Bromochloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 15:11	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 15:11	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 15:11	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 15:11	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 15:11	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 15:11	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 15:11	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: C-2 **York Sample ID:** 23E0826-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 9:20 am	05/12/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 15:11	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 15:11	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND	CCVE	ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 15:11	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 15:11	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 15:11	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 15:11	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 15:11	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 15:11	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 15:11	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 15:11	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 15:11	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 15:11	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-20-9	Methyl acetate	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 15:11	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 15:11	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 15:11	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	Methylene chloride	ND		ug/kg dry	5.6	11	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 15:11	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 15:11	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 15:11	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 15:11	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.6	11	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 15:11	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 15:11	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 15:11	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-42-5	Styrene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 15:11	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: C-2 **York Sample ID:** 23E0826-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 9:20 am	05/12/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/15/2023 15:11	BMC
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 15:11	BMC
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 15:11	BMC
108-88-3	Toluene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 15:11	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 15:11	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 15:11	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723	05/15/2023 15:11	BMC
79-01-6	Trichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 15:11	BMC
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 15:11	BMC
75-01-4	Vinyl Chloride	ND	CCVE	ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 15:11	BMC
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.4	17	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	05/15/2023 15:11	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.2 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*95.3 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 15:11	BMC

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	44.1	87.9	2	EPA 8270D Certifications:	05/16/2023 08:35 NELAC-NY10854,NJDEP,PADEP	05/17/2023 14:06	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	87.9	176	2	EPA 8270D Certifications:	05/16/2023 08:35 NELAC-NY10854,NJDEP,PADEP	05/17/2023 14:06	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	44.1	87.9	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 14:06	KH

Sample Information

Client Sample ID: C-2 **York Sample ID:** 23E0826-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 9:20 am	05/12/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	44.1	87.9	2	EPA 8270D Certifications:	05/16/2023 08:35 NELAC-NY10854,PADEP	05/17/2023 14:06	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	44.1	87.9	2	EPA 8270D Certifications:	05/16/2023 08:35 NELAC-NY10854,NJDEP,PADEP	05/17/2023 14:06	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	44.1	87.9	2	EPA 8270D Certifications:	05/16/2023 08:35 NELAC-NY10854,PADEP	05/17/2023 14:06	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	44.1	87.9	2	EPA 8270D Certifications:	05/16/2023 08:35 NELAC-NY10854,PADEP	05/17/2023 14:06	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	87.9	176	2	EPA 8270D Certifications:	05/16/2023 08:35 NELAC-NY10854,NJDEP,PADEP	05/17/2023 14:06	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	44.1	87.9	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 14:06	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	44.1	87.9	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 14:06	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	44.1	87.9	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 14:06	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	44.1	87.9	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 14:06	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	87.9	176	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 14:06	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	44.1	87.9	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 14:06	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	44.1	87.9	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 14:06	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	44.1	87.9	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 14:06	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	44.1	87.9	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 14:06	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	44.1	87.9	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 14:06	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	44.1	87.9	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 14:06	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	87.9	176	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 14:06	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	44.1	87.9	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 14:06	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	44.1	87.9	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 14:06	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	44.1	87.9	2	EPA 8270D Certifications:	05/16/2023 08:35 NELAC-NY10854,NJDEP,PADEP	05/17/2023 14:06	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	87.9	176	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 14:06	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	87.9	176	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 14:06	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	44.1	87.9	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 14:06	KH

Sample Information

Client Sample ID: C-2 **York Sample ID:** 23E0826-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 9:20 am	05/12/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	44.1	87.9	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	44.1	87.9	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	44.1	87.9	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	87.9	176	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	87.9	176	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		ug/kg dry	44.1	87.9	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	44.1	87.9	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		ug/kg dry	44.1	87.9	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 14:06 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		ug/kg dry	176	352	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 14:06 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	**Anthracene**	**87.8**	J	ug/kg dry	44.1	87.9	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		ug/kg dry	44.1	87.9	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 14:06 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	44.1	87.9	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 14:06 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		ug/kg dry	176	352	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 14:06 CTDOH-PH-0723,NELAC-NY10854,PADEP	KH
56-55-3	**Benzo(a)anthracene**	**235**		ug/kg dry	44.1	87.9	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	**Benzo(a)pyrene**	**201**		ug/kg dry	44.1	87.9	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	**Benzo(b)fluoranthene**	**190**		ug/kg dry	44.1	87.9	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	**Benzo(g,h,i)perylene**	**115**		ug/kg dry	44.1	87.9	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	**Benzo(k)fluoranthene**	**184**		ug/kg dry	44.1	87.9	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND		ug/kg dry	44.1	87.9	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 14:06 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	44.1	87.9	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 14:06 NELAC-NY10854,NJDEP,PADEP	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	44.1	87.9	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	44.1	87.9	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	44.1	87.9	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: C-2 **York Sample ID:** 23E0826-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 9:20 am	05/12/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	44.1	87.9	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 14:06	KH
117-81-7	**Bis(2-ethylhexyl)phthalate**	**99.1**		ug/kg dry	44.1	87.9	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 14:06	KH
105-60-2	Caprolactam	ND		ug/kg dry	87.9	176	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 14:06	KH
86-74-8	Carbazole	ND		ug/kg dry	44.1	87.9	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 14:06	KH
218-01-9	**Chrysene**	**221**		ug/kg dry	44.1	87.9	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 14:06	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	44.1	87.9	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 14:06	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	44.1	87.9	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 14:06	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	44.1	87.9	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 14:06	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	44.1	87.9	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 14:06	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	44.1	87.9	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 14:06	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	44.1	87.9	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 14:06	KH
122-39-4	* Diphenylamine	ND		ug/kg dry	87.9	176	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 14:06	KH
206-44-0	**Fluoranthene**	**386**		ug/kg dry	44.1	87.9	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 14:06	KH
86-73-7	**Fluorene**	**47.8**	J	ug/kg dry	44.1	87.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 14:06	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	44.1	87.9	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 14:06	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	44.1	87.9	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 14:06	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	44.1	87.9	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 14:06	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	44.1	87.9	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 14:06	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**122**		ug/kg dry	44.1	87.9	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 14:06	KH
78-59-1	Isophorone	ND		ug/kg dry	44.1	87.9	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 14:06	KH
91-20-3	Naphthalene	ND		ug/kg dry	44.1	87.9	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 14:06	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	44.1	87.9	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 14:06	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	44.1	87.9	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 14:06	KH

Sample Information

Client Sample ID: C-2 **York Sample ID:** 23E0826-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 9:20 am	05/12/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	44.1	87.9	2	EPA 8270D	05/16/2023 08:35	05/17/2023 14:06	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	44.1	87.9	2	EPA 8270D	05/16/2023 08:35	05/17/2023 14:06	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		ug/kg dry	44.1	87.9	2	EPA 8270D	05/16/2023 08:35	05/17/2023 14:06	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**306**		ug/kg dry	44.1	87.9	2	EPA 8270D	05/16/2023 08:35	05/17/2023 14:06	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		ug/kg dry	44.1	87.9	2	EPA 8270D	05/16/2023 08:35	05/17/2023 14:06	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**438**		ug/kg dry	44.1	87.9	2	EPA 8270D	05/16/2023 08:35	05/17/2023 14:06	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*7.84 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*26.0 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*40.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*39.0 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*3.84 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*43.1 %*	*24-116*

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**Octadecadienoic Acid Isomer...**	**1770**	J	ug/kg dry			2	EPA 8270D	05/16/2023 08:35	05/17/2023 14:06	KH
								Certifications:			
NA	**Octadecenoic Acid Isomer RT...**	**2240**	J	ug/kg dry			2	EPA 8270D	05/16/2023 08:35	05/17/2023 14:06	KH
								Certifications:			

Pesticides, NJDEP/TCL List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.75	5	EPA 8081B	05/16/2023 09:24	05/18/2023 04:30	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		ug/kg dry	1.75	5	EPA 8081B	05/16/2023 09:24	05/18/2023 04:30	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		ug/kg dry	1.75	5	EPA 8081B	05/16/2023 09:24	05/18/2023 04:30	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
309-00-2	**Aldrin**	**4.98**		ug/kg dry	1.75	5	EPA 8081B	05/16/2023 09:24	05/18/2023 04:30	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: C-2 **York Sample ID:** 23E0826-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 9:20 am	05/12/2023

Pesticides, NJDEP/TCL List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-84-6	alpha-BHC	ND		ug/kg dry	1.75	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 04:30	BCJ
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.75	5	EPA 8081B Certifications:	05/16/2023 09:24 NELAC-NY10854,NJDEP	05/18/2023 04:30	BCJ
319-85-7	beta-BHC	ND		ug/kg dry	1.75	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 04:30	BCJ
57-74-9	Chlordane, total	ND		ug/kg dry	3.50	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 04:30	BCJ
319-86-8	delta-BHC	ND		ug/kg dry	1.75	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 04:30	BCJ
60-57-1	Dieldrin	ND		ug/kg dry	1.75	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 04:30	BCJ
959-98-8	Endosulfan I	ND		ug/kg dry	1.75	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 04:30	BCJ
33213-65-9	Endosulfan II	ND		ug/kg dry	1.75	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854	05/18/2023 04:30	BCJ
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.75	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 04:30	BCJ
72-20-8	Endrin	ND		ug/kg dry	1.75	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 04:30	BCJ
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.75	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 04:30	BCJ
53494-70-5	Endrin ketone	ND		ug/kg dry	1.75	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 04:30	BCJ
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.75	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 04:30	BCJ
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.75	5	EPA 8081B Certifications:	05/16/2023 09:24 NELAC-NY10854,NJDEP	05/18/2023 04:30	BCJ
76-44-8	Heptachlor	ND		ug/kg dry	1.75	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 04:30	BCJ
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.75	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 04:30	BCJ
72-43-5	Methoxychlor	ND		ug/kg dry	8.75	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 04:30	BCJ
8001-35-2	Toxaphene	ND		ug/kg dry	88.6	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 04:30	BCJ
57-74-9	* Chlordane, total (alpha, gamma)	ND		ug/kg dry	1.75	5	EPA 8081B Certifications:	05/16/2023 09:24	05/18/2023 04:30	BCJ

	Surrogate Recoveries	Result		Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*29.5 %*	S-08, S-GC	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*39.4 %*		*30-140*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: C-2 **York Sample ID:** 23E0826-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 9:20 am	05/12/2023

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0177	1	EPA 8082A	05/16/2023 09:24	05/18/2023 01:22	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0177	1	EPA 8082A	05/16/2023 09:24	05/18/2023 01:22	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0177	1	EPA 8082A	05/16/2023 09:24	05/18/2023 01:22	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0177	1	EPA 8082A	05/16/2023 09:24	05/18/2023 01:22	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0177	1	EPA 8082A	05/16/2023 09:24	05/18/2023 01:22	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND	PCB-I	mg/kg dry	0.0177	1	EPA 8082A	05/16/2023 09:24	05/18/2023 01:22	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0177	1	EPA 8082A	05/16/2023 09:24	05/18/2023 01:22	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0177	1	EPA 8082A	05/16/2023 09:24	05/18/2023 01:22	BCJ
							Certifications:	NELAC-NY10854,NJDEP,PADEP		
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0177	1	EPA 8082A	05/16/2023 09:24	05/18/2023 01:22	BCJ
							Certifications:	NELAC-NY10854,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0177	1	EPA 8082A	05/16/2023 09:24	05/18/2023 01:22	BCJ
							Certifications:			

	Surrogate Recoveries	Result		Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*40.5 %*		*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*27.0 %*	S-08, S-GC	*30-140*

Herbicides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/kg dry	21.4	1	EPA 8151A	05/16/2023 08:44	05/19/2023 02:42	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	21.4	1	EPA 8151A	05/16/2023 08:44	05/19/2023 02:42	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		ug/kg dry	21.4	1	EPA 8151A	05/16/2023 08:44	05/19/2023 02:42	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*24.4 %*	*21-150*

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	*** ETPH (Extractable Total Petroleum Hydrocarbons)**	**269**		mg/kg dry	212	5	CT DEP ETPH	05/19/2023 08:10	05/19/2023 16:07	GXB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: C-2 **York Sample ID:** 23E0826-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 9:20 am	05/12/2023

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*103 %*	*50-150*

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	*** Total EPH**	**169**		mg/kg dry	52.0	1	NJDEP EPH Rev 3.0 Certifications: NJDEP	05/16/2023 08:47	05/16/2023 23:19	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*61.0 %*	*31.6-128*
84-15-1	*Surrogate: o-Terphenyl*	*62.0 %*	*28.7-124*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**9410**		mg/kg dry	4.51	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 14:10	05/19/2023 10:45	AJL
7440-36-0	Antimony	ND		mg/kg dry	2.25	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 14:10	05/19/2023 10:45	AJL
7440-38-2	**Arsenic**	**6.70**		mg/kg dry	1.35	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 14:10	05/19/2023 10:45	AJL
7440-39-3	**Barium**	**59.9**		mg/kg dry	2.25	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 14:10	05/19/2023 10:45	AJL
7440-41-7	Beryllium	ND		mg/kg dry	0.045	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 14:10	05/19/2023 10:45	AJL
7440-43-9	Cadmium	ND		mg/kg dry	0.271	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 14:10	05/19/2023 10:45	AJL
7440-70-2	**Calcium**	**22600**		mg/kg dry	4.51	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 14:10	05/19/2023 10:45	AJL
7440-47-3	**Chromium**	**23.4**		mg/kg dry	0.451	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 14:10	05/19/2023 10:45	AJL
7440-48-4	**Cobalt**	**7.08**		mg/kg dry	0.360	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 14:10	05/19/2023 10:45	AJL
7440-50-8	**Copper**	**29.3**		mg/kg dry	1.80	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 14:10	05/19/2023 10:45	AJL
7439-89-6	**Iron**	**15600**		mg/kg dry	22.5	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 14:10	05/19/2023 10:45	AJL
7439-92-1	**Lead**	**42.7**		mg/kg dry	0.451	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 14:10	05/19/2023 10:45	AJL
7439-95-4	**Magnesium**	**4870**		mg/kg dry	4.51	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 14:10	05/19/2023 10:45	AJL

Sample Information

Client Sample ID: C-2 **York Sample ID:** 23E0826-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 9:20 am	05/12/2023

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	**Manganese**	**289**		mg/kg dry	0.451	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:45	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**19.6**		mg/kg dry	0.898	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:45	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1190**		mg/kg dry	4.51	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:45	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.25	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:45	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.455	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:45	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**578**		mg/kg dry	45.1	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:45	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.25	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:45	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**28.2**		mg/kg dry	0.898	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:45	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**51.9**	M-CCV 1	mg/kg dry	2.25	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:45	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0906**		mg/kg dry	0.0325	1	EPA 7473	05/17/2023 14:10	05/17/2023 22:19	AGNR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	**Chromium, Hexavalent**	**0.649**		mg/kg dry	0.541	1	EPA 7196A	05/18/2023 14:11	05/18/2023 21:19	ZTS
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.541	1	EPA 9014/9010C	05/17/2023 14:34	05/17/2023 20:46	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

pH

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: C-2 **York Sample ID:** 23E0826-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 9:20 am	05/12/2023

pH

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	**11.1**		pH units	0.500	1	EPA 9045D	05/15/2023 16:49	05/15/2023 21:57	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,PADEP,NJDEP		

ORP (Oxidation-Reduction Potential)(Ag/AgCl)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	*** ORP (Oxidation-Reduction Potential) (Ag/AgCl)**	**230**		mV	-200	1	ASTM 1498-08 M	05/15/2023 16:52	05/15/2023 22:00	SL
							Certifications:			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**92.4**		%	0.100	1	SM 2540G	05/18/2023 09:34	05/18/2023 14:12	sgs
							Certifications:	CTDOH-PH-0723		

SPLP Extraction for METALS EPA 1312

Log-in Notes: **Sample Notes:** **EXT-Temp**

Sample Prepared by Method: EPA SW 846-1312 SPLP for Extr. for Metals

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	SPLP Extraction	Completed		N/A	1.00	1	EPA 1312	05/15/2023 12:31	05/16/2023 09:46	TAJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

SPLP Extraction for SVOC/PEST/HERB 1312

Log-in Notes: **Sample Notes:** **EXT-Temp**

Sample Prepared by Method: EPA SW 846-1312 SPLP Extraction for BNA/Pest/Herb

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	SPLP Extraction	Completed		N/A	1.00	1	EPA 1312	05/15/2023 12:27	05/16/2023 09:42	TAJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

SPLP Extraction for VOA by EPA 1312 ZHE

Log-in Notes: **Sample Notes:** **EXT-Temp**

Sample Prepared by Method: EPA SW 846-1312 ZHE for SPLP Volatiles

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	SPLP Extraction	Completed		N/A	1.00	1	EPA 1312	05/15/2023 12:23	05/16/2023 09:39	TAJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: C-3 **York Sample ID:** 23E0826-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 9:08 am	05/12/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 15:52	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 15:52	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 15:52	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 15:52	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 15:52	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 15:52	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 15:52	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 15:52	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 15:52	BMC NELAC-NY10854,NELAC-NY12058,NJDEP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 15:52	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 15:52	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 15:52	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 15:52	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 15:52	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 15:52	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 15:52	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 15:52	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 15:52	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 15:52	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		ug/kg dry	51	100	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 15:52	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	**2-Butanone**	**4.8**	J	ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 15:52	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
591-78-6	2-Hexanone	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 15:52	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 15:52	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: C-3 **York Sample ID:** 23E0826-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 9:08 am	05/12/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	**Acetone**	**58**	ICVE, QL-02	ug/kg dry	5.1	10	1	EPA 8260C	05/15/2023 09:25	05/15/2023 15:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
107-02-8	Acrolein	ND	CCVE	ug/kg dry	5.1	10	1	EPA 8260C	05/15/2023 09:25	05/15/2023 15:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-13-1	Acrylonitrile	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/15/2023 09:25	05/15/2023 15:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	Benzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/15/2023 09:25	05/15/2023 15:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-97-5	Bromochloromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/15/2023 09:25	05/15/2023 15:52	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/15/2023 09:25	05/15/2023 15:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/15/2023 09:25	05/15/2023 15:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/15/2023 09:25	05/15/2023 15:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-15-0	Carbon disulfide	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/15/2023 09:25	05/15/2023 15:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/15/2023 09:25	05/15/2023 15:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/15/2023 09:25	05/15/2023 15:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/15/2023 09:25	05/15/2023 15:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/15/2023 09:25	05/15/2023 15:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-87-3	Chloromethane	ND	CCVE	ug/kg dry	2.6	5.1	1	EPA 8260C	05/15/2023 09:25	05/15/2023 15:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/15/2023 09:25	05/15/2023 15:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/15/2023 09:25	05/15/2023 15:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-82-7	Cyclohexane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/15/2023 09:25	05/15/2023 15:52	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/15/2023 09:25	05/15/2023 15:52	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/15/2023 09:25	05/15/2023 15:52	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/kg dry	2.6	5.1	1	EPA 8260C	05/15/2023 09:25	05/15/2023 15:52	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/15/2023 09:25	05/15/2023 15:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/15/2023 09:25	05/15/2023 15:52	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/15/2023 09:25	05/15/2023 15:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: C-3 **York Sample ID:** 23E0826-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 9:08 am	05/12/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/15/2023 09:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/15/2023 15:52	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 15:52	BMC
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/15/2023 09:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/15/2023 15:52	BMC
75-09-2	Methylene chloride	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 15:52	BMC
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 15:52	BMC
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 15:52	BMC
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	05/15/2023 15:52	BMC
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	05/15/2023 15:52	BMC
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 15:52	BMC
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 15:52	BMC
100-42-5	Styrene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 15:52	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/15/2023 09:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/15/2023 15:52	BMC
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 15:52	BMC
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 15:52	BMC
108-88-3	Toluene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 15:52	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 15:52	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 15:52	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723	05/15/2023 15:52	BMC
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 15:52	BMC
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 15:52	BMC
75-01-4	Vinyl Chloride	ND	CCVE	ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 15:52	BMC
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.7	15	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	05/15/2023 15:52	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*77-125*

Sample Information

Client Sample ID: C-3 **York Sample ID:** 23E0826-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 9:08 am	05/12/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.3 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*93.0 %*			*76-130*						

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 15:52	BMC

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 14:36	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	90.0	180	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 14:36	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 14:36	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/16/2023 08:35	05/17/2023 14:36	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 14:36	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/16/2023 08:35	05/17/2023 14:36	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/16/2023 08:35	05/17/2023 14:36	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	90.0	180	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 14:36	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 14:36	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 14:36	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 14:36	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 14:36	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	90.0	180	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 14:36	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 14:36	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 14:36	KH

Sample Information

Client Sample ID: C-3 **York Sample ID:** 23E0826-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 9:08 am	05/12/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-57-6	**2-Methylnaphthalene**	**78.5**	J	ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	90.0	180	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 14:36 NELAC-NY10854,NJDEP,PADEP	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	90.0	180	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	90.0	180	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	90.0	180	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	90.0	180	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	**Acenaphthene**	**55.4**	J	ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 14:36 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		ug/kg dry	180	361	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 14:36 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	**Anthracene**	**166**		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 14:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 14:36 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 14:36 NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: C-3 **York Sample ID:** 23E0826-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 9:08 am	05/12/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-87-5	Benzidine	ND		ug/kg dry	180	361	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP	05/16/2023 08:35	05/17/2023 14:36	KH
56-55-3	**Benzo(a)anthracene**	**307**		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 14:36	KH
50-32-8	**Benzo(a)pyrene**	**272**		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 14:36	KH
205-99-2	**Benzo(b)fluoranthene**	**216**		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 14:36	KH
191-24-2	**Benzo(g,h,i)perylene**	**137**		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 14:36	KH
207-08-9	**Benzo(k)fluoranthene**	**217**		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 14:36	KH
65-85-0	Benzoic acid	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 14:36	KH
100-51-6	**Benzyl alcohol**	**47.5**	J	ug/kg dry	45.1	90.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 14:36	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 14:36	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 14:36	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 14:36	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 14:36	KH
117-81-7	**Bis(2-ethylhexyl)phthalate**	**151**		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 14:36	KH
105-60-2	Caprolactam	ND		ug/kg dry	90.0	180	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 14:36	KH
86-74-8	**Carbazole**	**78.5**	J	ug/kg dry	45.1	90.0	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 14:36	KH
218-01-9	**Chrysene**	**286**		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 14:36	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 14:36	KH
132-64-9	**Dibenzofuran**	**79.9**	J	ug/kg dry	45.1	90.0	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 14:36	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 14:36	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 14:36	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 14:36	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 14:36	KH
122-39-4	* Diphenylamine	ND		ug/kg dry	90.0	180	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 14:36	KH

Sample Information

Client Sample ID: C-3 **York Sample ID:** 23E0826-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 9:08 am	05/12/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	**Fluoranthene**	**571**		ug/kg dry	45.1	90.0	2	EPA 8270D	05/16/2023 08:35	05/17/2023 14:36	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**145**		ug/kg dry	45.1	90.0	2	EPA 8270D	05/16/2023 08:35	05/17/2023 14:36	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		ug/kg dry	45.1	90.0	2	EPA 8270D	05/16/2023 08:35	05/17/2023 14:36	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	45.1	90.0	2	EPA 8270D	05/16/2023 08:35	05/17/2023 14:36	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	45.1	90.0	2	EPA 8270D	05/16/2023 08:35	05/17/2023 14:36	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		ug/kg dry	45.1	90.0	2	EPA 8270D	05/16/2023 08:35	05/17/2023 14:36	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**160**		ug/kg dry	45.1	90.0	2	EPA 8270D	05/16/2023 08:35	05/17/2023 14:36	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/kg dry	45.1	90.0	2	EPA 8270D	05/16/2023 08:35	05/17/2023 14:36	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-20-3	**Naphthalene**	**133**		ug/kg dry	45.1	90.0	2	EPA 8270D	05/16/2023 08:35	05/17/2023 14:36	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		ug/kg dry	45.1	90.0	2	EPA 8270D	05/16/2023 08:35	05/17/2023 14:36	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	45.1	90.0	2	EPA 8270D	05/16/2023 08:35	05/17/2023 14:36	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	45.1	90.0	2	EPA 8270D	05/16/2023 08:35	05/17/2023 14:36	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	45.1	90.0	2	EPA 8270D	05/16/2023 08:35	05/17/2023 14:36	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		ug/kg dry	45.1	90.0	2	EPA 8270D	05/16/2023 08:35	05/17/2023 14:36	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**686**		ug/kg dry	45.1	90.0	2	EPA 8270D	05/16/2023 08:35	05/17/2023 14:36	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		ug/kg dry	45.1	90.0	2	EPA 8270D	05/16/2023 08:35	05/17/2023 14:36	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**630**		ug/kg dry	45.1	90.0	2	EPA 8270D	05/16/2023 08:35	05/17/2023 14:36	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*3.40 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*18.5 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*39.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*36.7 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*1.64 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*38.9 %*	*24-116*

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: C-3 **York Sample ID:** 23E0826-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 9:08 am	05/12/2023

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**Octadecadienoic Acid Isomer...**	**19900**	J	ug/kg dry			2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 14:36	KH
NA	**Octadecenoic Acid Isomer RT...**	**16900**	J	ug/kg dry			2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 14:36	KH
NA	**Unknown Fatty Acid RT 11.1**	**2610**	J	ug/kg dry			2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 14:36	KH
NA	**Unknown Fatty Acid RT 9.9**	**5010**	J	ug/kg dry			2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 14:36	KH

Pesticides, NJDEP/TCL List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.78	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 09:24	05/18/2023 04:47	BCJ
72-55-9	**4,4'-DDE**	**1.99**		ug/kg dry	1.78	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 09:24	05/18/2023 04:47	BCJ
50-29-3	4,4'-DDT	ND		ug/kg dry	1.78	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 09:24	05/18/2023 04:47	BCJ
309-00-2	**Aldrin**	**12.2**		ug/kg dry	1.78	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 09:24	05/18/2023 04:47	BCJ
319-84-6	alpha-BHC	ND		ug/kg dry	1.78	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 09:24	05/18/2023 04:47	BCJ
5103-71-9	**alpha-Chlordane**	**2.76**		ug/kg dry	1.78	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/16/2023 09:24	05/18/2023 04:47	BCJ
319-85-7	beta-BHC	ND		ug/kg dry	1.78	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 09:24	05/18/2023 04:47	BCJ
57-74-9	Chlordane, total	ND		ug/kg dry	3.55	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 09:24	05/18/2023 04:47	BCJ
319-86-8	delta-BHC	ND		ug/kg dry	1.78	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 09:24	05/18/2023 04:47	BCJ
60-57-1	**Dieldrin**	**2.18**		ug/kg dry	1.78	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 09:24	05/18/2023 04:47	BCJ
959-98-8	Endosulfan I	ND		ug/kg dry	1.78	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 09:24	05/18/2023 04:47	BCJ
33213-65-9	Endosulfan II	ND		ug/kg dry	1.78	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854	05/16/2023 09:24	05/18/2023 04:47	BCJ
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.78	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 09:24	05/18/2023 04:47	BCJ
72-20-8	Endrin	ND		ug/kg dry	1.78	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 09:24	05/18/2023 04:47	BCJ
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.78	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 09:24	05/18/2023 04:47	BCJ
53494-70-5	Endrin ketone	ND		ug/kg dry	1.78	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 09:24	05/18/2023 04:47	BCJ

Sample Information

Client Sample ID: C-3 **York Sample ID:** 23E0826-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 9:08 am	05/12/2023

Pesticides, NJDEP/TCL List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.78	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 04:47	BCJ
5566-34-7	**gamma-Chlordane**	**2.91**		ug/kg dry	1.78	5	EPA 8081B Certifications:	05/16/2023 09:24 NELAC-NY10854,NJDEP	05/18/2023 04:47	BCJ
76-44-8	Heptachlor	ND		ug/kg dry	1.78	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 04:47	BCJ
1024-57-3	**Heptachlor epoxide**	**2.13**		ug/kg dry	1.78	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 04:47	BCJ
72-43-5	Methoxychlor	ND		ug/kg dry	8.88	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 04:47	BCJ
8001-35-2	Toxaphene	ND		ug/kg dry	89.9	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 04:47	BCJ
57-74-9	* Chlordane, total (alpha, gamma)	ND		ug/kg dry	1.78	5	EPA 8081B Certifications:	05/16/2023 09:24	05/18/2023 04:47	BCJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*37.8 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*53.3 %*	*30-140*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications:	05/16/2023 09:24 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	05/18/2023 01:36	BCJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications:	05/16/2023 09:24 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	05/18/2023 01:36	BCJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications:	05/16/2023 09:24 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	05/18/2023 01:36	BCJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications:	05/16/2023 09:24 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	05/18/2023 01:36	BCJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications:	05/16/2023 09:24 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	05/18/2023 01:36	BCJ
11097-69-1	Aroclor 1254	ND	PCB-I	mg/kg dry	0.0179	1	EPA 8082A Certifications:	05/16/2023 09:24 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	05/18/2023 01:36	BCJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications:	05/16/2023 09:24 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	05/18/2023 01:36	BCJ
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications:	05/16/2023 09:24 NELAC-NY10854,NJDEP,PADEP	05/18/2023 01:36	BCJ
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications:	05/16/2023 09:24 NELAC-NY10854,NJDEP,PADEP	05/18/2023 01:36	BCJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications:	05/16/2023 09:24	05/18/2023 01:36	BCJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*63.5 %*	*30-140*

Sample Information

Client Sample ID: C-3 **York Sample ID:** 23E0826-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 9:08 am	05/12/2023

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	*Surrogate: Decachlorobiphenyl*	*48.0 %*			*30-140*					

Herbicides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/kg dry	21.7	1	EPA 8151A Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:44	05/19/2023 02:52	BCJ
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	21.7	1	EPA 8151A Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:44	05/19/2023 02:52	BCJ
94-75-7	2,4-D	ND		ug/kg dry	21.7	1	EPA 8151A Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:44	05/19/2023 02:52	BCJ

Surrogate Recoveries	Result		Acceptance Range
19719-28-9 *Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*18.2 %*	S-08, S-04	*21-150*

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	*** ETPH (Extractable Total Petroleum Hydrocarbons)**	**484**		mg/kg dry	216	5	CT DEP ETPH Certifications: CTDOH-PH-0723	05/16/2023 08:42	05/19/2023 11:37	GXB

Surrogate Recoveries	Result	Acceptance Range
3386-33-2 *Surrogate: 1-Chlorooctadecane*	*50.6 %*	*50-150*

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	*** Total EPH**	**161**		mg/kg dry	54.0	1	NJDEP EPH Rev 3.0 Certifications: NJDEP	05/16/2023 08:47	05/16/2023 21:22	GXB

Surrogate Recoveries	Result	Acceptance Range
3386-33-2 *Surrogate: 1-Chlorooctadecane*	*85.6 %*	*31.6-128*
84-15-1 *Surrogate: o-Terphenyl*	*81.8 %*	*28.7-124*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**10000**		mg/kg dry	4.54	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 14:10	05/19/2023 10:47	AJL

Sample Information

Client Sample ID: C-3 **York Sample ID:** 23E0826-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 9:08 am	05/12/2023

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/kg dry	2.27	1	EPA 6010D Certifications:	05/17/2023 14:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/19/2023 10:47	AJL
7440-38-2	**Arsenic**	**5.71**		mg/kg dry	1.36	1	EPA 6010D Certifications:	05/17/2023 14:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/19/2023 10:47	AJL
7440-39-3	**Barium**	**63.6**		mg/kg dry	2.27	1	EPA 6010D Certifications:	05/17/2023 14:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/19/2023 10:47	AJL
7440-41-7	Beryllium	ND		mg/kg dry	0.046	1	EPA 6010D Certifications:	05/17/2023 14:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/19/2023 10:47	AJL
7440-43-9	Cadmium	ND		mg/kg dry	0.273	1	EPA 6010D Certifications:	05/17/2023 14:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/19/2023 10:47	AJL
7440-70-2	**Calcium**	**38000**		mg/kg dry	4.54	1	EPA 6010D Certifications:	05/17/2023 14:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/19/2023 10:47	AJL
7440-47-3	**Chromium**	**23.6**		mg/kg dry	0.455	1	EPA 6010D Certifications:	05/17/2023 14:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/19/2023 10:47	AJL
7440-48-4	**Cobalt**	**6.75**		mg/kg dry	0.363	1	EPA 6010D Certifications:	05/17/2023 14:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/19/2023 10:47	AJL
7440-50-8	**Copper**	**24.5**		mg/kg dry	1.82	1	EPA 6010D Certifications:	05/17/2023 14:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/19/2023 10:47	AJL
7439-89-6	**Iron**	**13300**		mg/kg dry	22.7	1	EPA 6010D Certifications:	05/17/2023 14:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/19/2023 10:47	AJL
7439-92-1	**Lead**	**42.3**		mg/kg dry	0.455	1	EPA 6010D Certifications:	05/17/2023 14:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/19/2023 10:47	AJL
7439-95-4	**Magnesium**	**5750**		mg/kg dry	4.55	1	EPA 6010D Certifications:	05/17/2023 14:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/19/2023 10:47	AJL
7439-96-5	**Manganese**	**264**		mg/kg dry	0.455	1	EPA 6010D Certifications:	05/17/2023 14:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/19/2023 10:47	AJL
7440-02-0	**Nickel**	**17.3**		mg/kg dry	0.905	1	EPA 6010D Certifications:	05/17/2023 14:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/19/2023 10:47	AJL
7440-09-7	**Potassium**	**1090**		mg/kg dry	4.55	1	EPA 6010D Certifications:	05/17/2023 14:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/19/2023 10:47	AJL
7782-49-2	Selenium	ND		mg/kg dry	2.27	1	EPA 6010D Certifications:	05/17/2023 14:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/19/2023 10:47	AJL
7440-22-4	Silver	ND		mg/kg dry	0.458	1	EPA 6010D Certifications:	05/17/2023 14:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/19/2023 10:47	AJL
7440-23-5	**Sodium**	**637**		mg/kg dry	45.4	1	EPA 6010D Certifications:	05/17/2023 14:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/19/2023 10:47	AJL
7440-28-0	Thallium	ND		mg/kg dry	2.27	1	EPA 6010D Certifications:	05/17/2023 14:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/19/2023 10:47	AJL
7440-62-2	**Vanadium**	**27.3**		mg/kg dry	0.905	1	EPA 6010D Certifications:	05/17/2023 14:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/19/2023 10:47	AJL
7440-66-6	**Zinc**	**52.6**	M-CCV 1	mg/kg dry	2.26	1	EPA 6010D Certifications:	05/17/2023 14:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/19/2023 10:47	AJL

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: C-3 **York Sample ID:** 23E0826-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 9:08 am	05/12/2023

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0911**		mg/kg dry	0.0327	1	EPA 7473	05/17/2023 14:10	05/17/2023 22:19	AGNR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	**Chromium, Hexavalent**	**0.872**		mg/kg dry	0.545	1	EPA 7196A	05/18/2023 14:11	05/18/2023 21:19	ZTS
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.545	1	EPA 9014/9010C	05/17/2023 14:34	05/17/2023 20:46	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

pH

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	**10.9**		pH units	0.500	1	EPA 9045D	05/15/2023 16:49	05/15/2023 21:57	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,PADEP,NJDEP		

ORP (Oxidation-Reduction Potential)(Ag/AgCl)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	*** ORP (Oxidation-Reduction Potential) (Ag/AgCl)**	**140**		mV	-200	1	ASTM 1498-08 M	05/15/2023 16:52	05/15/2023 22:00	SL
							Certifications:			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.7**		%	0.100	1	SM 2540G	05/18/2023 09:34	05/18/2023 14:12	sgs
							Certifications:	CTDOH-PH-0723		

SPLP Extraction for METALS EPA 1312

Log-in Notes:

Sample Notes: **EXT-Temp**

Sample Prepared by Method: EPA SW 846-1312 SPLP for Extr. for Metals

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	SPLP Extraction	Completed		N/A	1.00	1	EPA 1312	05/15/2023 12:31	05/16/2023 09:46	TAJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: C-3 **York Sample ID:** 23E0826-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 9:08 am	05/12/2023

SPLP Extraction for SVOC/PEST/HERB 1312

Log-in Notes: **Sample Notes:** EXT-Temp

Sample Prepared by Method: EPA SW 846-1312 SPLP Extraction for BNA/Pest/Herb

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	SPLP Extraction	Completed		N/A	1.00	1	EPA 1312	05/15/2023 12:27	05/16/2023 09:42	TAJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

SPLP Extraction for VOA by EPA 1312 ZHE

Log-in Notes: **Sample Notes:** EXT-Temp

Sample Prepared by Method: EPA SW 846-1312 ZHE for SPLP Volatiles

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	SPLP Extraction	Completed		N/A	1.00	1	EPA 1312	05/15/2023 12:23	05/16/2023 09:39	TAJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: C-4 **York Sample ID:** 23E0826-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 9:10 am	05/12/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/15/2023 09:25	05/15/2023 16:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/15/2023 09:25	05/15/2023 16:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/15/2023 09:25	05/15/2023 16:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/15/2023 09:25	05/15/2023 16:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/15/2023 09:25	05/15/2023 16:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/15/2023 09:25	05/15/2023 16:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/15/2023 09:25	05/15/2023 16:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/15/2023 09:25	05/15/2023 16:25	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/15/2023 09:25	05/15/2023 16:25	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/15/2023 09:25	05/15/2023 16:25	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/15/2023 09:25	05/15/2023 16:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: C-4 **York Sample ID:** 23E0826-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 9:10 am	05/12/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 16:25	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 16:25	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 16:25	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 16:25	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 16:25	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 16:25	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 16:25	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 16:25	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		ug/kg dry	50	100	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 16:25	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 16:25	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 16:25	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 16:25	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	**Acetone**	**37**	ICVE, QL-02	ug/kg dry	5.0	10	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 16:25	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
107-02-8	Acrolein	ND	CCVE	ug/kg dry	5.0	10	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 16:25	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 16:25	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 16:25	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-97-5	Bromochloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 16:25	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 16:25	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 16:25	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 16:25	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 16:25	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 16:25	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 16:25	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: C-4 **York Sample ID:** 23E0826-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 9:10 am	05/12/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 16:25	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 16:25	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND	CCVE	ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 16:25	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 16:25	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 16:25	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 16:25	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 16:25	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 16:25	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 16:25	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 16:25	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 16:25	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 16:25	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-20-9	Methyl acetate	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 16:25	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 16:25	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 16:25	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	Methylene chloride	ND		ug/kg dry	5.0	10	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 16:25	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 16:25	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 16:25	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 16:25	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.0	10	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 16:25	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 16:25	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 16:25	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-42-5	Styrene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 16:25	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: C-4 **York Sample ID:** 23E0826-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 9:10 am	05/12/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/15/2023 09:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/15/2023 16:25	BMC
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 16:25	BMC
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 16:25	BMC
108-88-3	Toluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 16:25	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 16:25	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 16:25	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723	05/15/2023 16:25	BMC
79-01-6	Trichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 16:25	BMC
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 16:25	BMC
75-01-4	Vinyl Chloride	ND	CCVE	ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 16:25	BMC
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	05/15/2023 16:25	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*109 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.1 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.0 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 16:25	BMC

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	**1,1-Biphenyl**	**57.7**	J	ug/kg dry	45.2	90.2	2	EPA 8270D Certifications:	05/16/2023 08:35 NELAC-NY10854,NJDEP,PADEP	05/17/2023 15:06	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	90.2	180	2	EPA 8270D Certifications:	05/16/2023 08:35 NELAC-NY10854,NJDEP,PADEP	05/17/2023 15:06	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 15:06	KH

Sample Information

Client Sample ID: C-4 **York Sample ID:** 23E0826-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 9:10 am	05/12/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications:	05/16/2023 08:35 NELAC-NY10854,PADEP	05/17/2023 15:06	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications:	05/16/2023 08:35 NELAC-NY10854,NJDEP,PADEP	05/17/2023 15:06	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications:	05/16/2023 08:35 NELAC-NY10854,PADEP	05/17/2023 15:06	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications:	05/16/2023 08:35 NELAC-NY10854,PADEP	05/17/2023 15:06	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	90.2	180	2	EPA 8270D Certifications:	05/16/2023 08:35 NELAC-NY10854,NJDEP,PADEP	05/17/2023 15:06	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 15:06	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 15:06	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 15:06	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 15:06	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	90.2	180	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 15:06	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 15:06	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 15:06	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 15:06	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 15:06	KH
91-57-6	**2-Methylnaphthalene**	**208**		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 15:06	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 15:06	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	90.2	180	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 15:06	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 15:06	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 15:06	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications:	05/16/2023 08:35 NELAC-NY10854,NJDEP,PADEP	05/17/2023 15:06	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	90.2	180	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 15:06	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	90.2	180	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 15:06	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 15:06	KH

Sample Information

Client Sample ID: C-4 **York Sample ID:** 23E0826-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 9:10 am	05/12/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	90.2	180	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	90.2	180	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	**Acenaphthene**	**304**		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:06 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		ug/kg dry	181	361	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:06 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	**Anthracene**	**594**		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:06 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:06 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		ug/kg dry	181	361	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:06 CTDOH-PH-0723,NELAC-NY10854,PADEP	KH
56-55-3	**Benzo(a)anthracene**	**785**		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	**Benzo(a)pyrene**	**635**		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	**Benzo(b)fluoranthene**	**604**		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	**Benzo(g,h,i)perylene**	**313**		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	**Benzo(k)fluoranthene**	**515**		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:06 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:06 NELAC-NY10854,NJDEP,PADEP	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: C-4 **York Sample ID:** 23E0826-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 9:10 am	05/12/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
117-81-7	**Bis(2-ethylhexyl)phthalate**	**136**		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
105-60-2	Caprolactam	ND		ug/kg dry	90.2	180	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:06 NELAC-NY10854,NJDEP,PADEP	KH
86-74-8	**Carbazole**	**187**		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	**Chrysene**	**714**		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	**Dibenzo(a,h)anthracene**	**71.4**	J	ug/kg dry	45.2	90.2	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	**Dibenzofuran**	**315**		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
122-39-4	* Diphenylamine	ND		ug/kg dry	90.2	180	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:06	KH
206-44-0	**Fluoranthene**	**1670**		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	**Fluorene**	**435**		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:06 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**361**		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
78-59-1	Isophorone	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	**Naphthalene**	**459**		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: C-4 **York Sample ID:** 23E0826-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 9:10 am	05/12/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
85-01-8	**Phenanthrene**	**2110**		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
108-95-2	Phenol	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
129-00-0	**Pyrene**	**1740**		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*11.9 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*31.2 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*38.2 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*36.2 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*3.88 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*41.6 %*	*24-116*

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**9-Octadecenoic Acid Isomer ...**	**2300**	J	ug/kg dry			2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:06	KH
NA	**Octadecadienoic Acid Isomer...**	**2150**	J	ug/kg dry			2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:06	KH

Pesticides, NJDEP/TCL List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.74	5	EPA 8081B Certifications:	05/16/2023 09:24	05/18/2023 05:05 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BCJ
72-55-9	4,4'-DDE	ND		ug/kg dry	1.74	5	EPA 8081B Certifications:	05/16/2023 09:24	05/18/2023 05:05 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BCJ
50-29-3	4,4'-DDT	ND		ug/kg dry	1.74	5	EPA 8081B Certifications:	05/16/2023 09:24	05/18/2023 05:05 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BCJ
309-00-2	**Aldrin**	**10.6**		ug/kg dry	1.74	5	EPA 8081B Certifications:	05/16/2023 09:24	05/18/2023 05:05 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BCJ

Sample Information

Client Sample ID: C-4 **York Sample ID:** 23E0826-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 9:10 am	05/12/2023

Pesticides, NJDEP/TCL List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-84-6	alpha-BHC	ND		ug/kg dry	1.74	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 05:05	BCJ
5103-71-9	**alpha-Chlordane**	**1.80**		ug/kg dry	1.74	5	EPA 8081B Certifications:	05/16/2023 09:24 NELAC-NY10854,NJDEP	05/18/2023 05:05	BCJ
319-85-7	beta-BHC	ND		ug/kg dry	1.74	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 05:05	BCJ
57-74-9	Chlordane, total	ND		ug/kg dry	3.49	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 05:05	BCJ
319-86-8	delta-BHC	ND		ug/kg dry	1.74	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 05:05	BCJ
60-57-1	Dieldrin	ND		ug/kg dry	1.74	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 05:05	BCJ
959-98-8	Endosulfan I	ND		ug/kg dry	1.74	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 05:05	BCJ
33213-65-9	Endosulfan II	ND		ug/kg dry	1.74	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854	05/18/2023 05:05	BCJ
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.74	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 05:05	BCJ
72-20-8	Endrin	ND		ug/kg dry	1.74	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 05:05	BCJ
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.74	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 05:05	BCJ
53494-70-5	Endrin ketone	ND		ug/kg dry	1.74	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 05:05	BCJ
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.74	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 05:05	BCJ
5566-34-7	**gamma-Chlordane**	**1.83**		ug/kg dry	1.74	5	EPA 8081B Certifications:	05/16/2023 09:24 NELAC-NY10854,NJDEP	05/18/2023 05:05	BCJ
76-44-8	Heptachlor	ND		ug/kg dry	1.74	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 05:05	BCJ
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.74	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 05:05	BCJ
72-43-5	Methoxychlor	ND		ug/kg dry	8.72	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 05:05	BCJ
8001-35-2	Toxaphene	ND		ug/kg dry	88.3	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 05:05	BCJ
57-74-9	* Chlordane, total (alpha, gamma)	ND		ug/kg dry	1.74	5	EPA 8081B Certifications:	05/16/2023 09:24	05/18/2023 05:05	BCJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*32.6 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*54.8 %*	*30-140*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: C-4 **York Sample ID:** 23E0826-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 9:10 am	05/12/2023

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0176	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	05/16/2023 09:24	05/18/2023 01:49	BCJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0176	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	05/16/2023 09:24	05/18/2023 01:49	BCJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0176	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	05/16/2023 09:24	05/18/2023 01:49	BCJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0176	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	05/16/2023 09:24	05/18/2023 01:49	BCJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0176	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	05/16/2023 09:24	05/18/2023 01:49	BCJ
11097-69-1	Aroclor 1254	ND	PCB-I	mg/kg dry	0.0176	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	05/16/2023 09:24	05/18/2023 01:49	BCJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0176	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	05/16/2023 09:24	05/18/2023 01:49	BCJ
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0176	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2023 09:24	05/18/2023 01:49	BCJ
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0176	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2023 09:24	05/18/2023 01:49	BCJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0176	1	EPA 8082A Certifications:	05/16/2023 09:24	05/18/2023 01:49	BCJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*61.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*50.0 %*	*30-140*

Herbicides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/kg dry	21.6	1	EPA 8151A Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:44	05/19/2023 12:58	BCJ
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	21.6	1	EPA 8151A Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:44	05/19/2023 12:58	BCJ
94-75-7	2,4-D	ND		ug/kg dry	21.6	1	EPA 8151A Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:44	05/19/2023 12:58	BCJ

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*42.8 %*	*21-150*

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	*** ETPH (Extractable Total Petroleum Hydrocarbons)**	**632**		mg/kg dry	215	5	CT DEP ETPH Certifications: CTDOH-PH-0723	05/16/2023 08:42	05/19/2023 12:15	GXB

Sample Information

Client Sample ID: C-4 **York Sample ID:** 23E0826-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 9:10 am	05/12/2023

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*63.4 %*	*50-150*

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	*** Total EPH**	**269**		mg/kg dry	51.2	1	NJDEP EPH Rev 3.0 Certifications: NJDEP	05/16/2023 08:47	05/16/2023 21:51	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*83.8 %*	*31.6-128*
84-15-1	*Surrogate: o-Terphenyl*	*81.3 %*	*28.7-124*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**9880**		mg/kg dry	4.52	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 14:10	05/19/2023 10:49	AJL
7440-36-0	Antimony	ND		mg/kg dry	2.26	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 14:10	05/19/2023 10:49	AJL
7440-38-2	**Arsenic**	**5.45**		mg/kg dry	1.36	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 14:10	05/19/2023 10:49	AJL
7440-39-3	**Barium**	**59.6**		mg/kg dry	2.26	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 14:10	05/19/2023 10:49	AJL
7440-41-7	Beryllium	ND		mg/kg dry	0.046	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 14:10	05/19/2023 10:49	AJL
7440-43-9	Cadmium	ND		mg/kg dry	0.271	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 14:10	05/19/2023 10:49	AJL
7440-70-2	**Calcium**	**21300**		mg/kg dry	4.52	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 14:10	05/19/2023 10:49	AJL
7440-47-3	**Chromium**	**22.1**		mg/kg dry	0.453	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 14:10	05/19/2023 10:49	AJL
7440-48-4	**Cobalt**	**7.78**		mg/kg dry	0.361	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 14:10	05/19/2023 10:49	AJL
7440-50-8	**Copper**	**24.8**		mg/kg dry	1.81	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 14:10	05/19/2023 10:49	AJL
7439-89-6	**Iron**	**14100**		mg/kg dry	22.6	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 14:10	05/19/2023 10:49	AJL
7439-92-1	**Lead**	**42.1**		mg/kg dry	0.453	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 14:10	05/19/2023 10:49	AJL
7439-95-4	**Magnesium**	**4670**		mg/kg dry	4.53	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 14:10	05/19/2023 10:49	AJL

Sample Information

Client Sample ID: C-4 **York Sample ID:** 23E0826-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 9:10 am	05/12/2023

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	**Manganese**	**291**		mg/kg dry	0.453	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**18.6**		mg/kg dry	0.901	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1060**		mg/kg dry	4.53	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.26	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.456	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**577**		mg/kg dry	45.2	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.26	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**26.8**		mg/kg dry	0.901	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**49.1**	M-CCV 1	mg/kg dry	2.25	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0868**		mg/kg dry	0.0326	1	EPA 7473	05/17/2023 14:10	05/17/2023 22:19	AGNR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	**Chromium, Hexavalent**	**1.09**		mg/kg dry	0.543	1	EPA 7196A	05/18/2023 14:11	05/18/2023 21:19	ZTS
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.543	1	EPA 9014/9010C	05/17/2023 14:34	05/17/2023 20:46	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

pH

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: C-4 **York Sample ID:** 23E0826-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 9:10 am	05/12/2023

pH

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	**10.8**		pH units	0.500	1	EPA 9045D	05/15/2023 16:49	05/15/2023 21:57	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,PADEP,NJDEP		

ORP (Oxidation-Reduction Potential)(Ag/AgCl)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	*** ORP (Oxidation-Reduction Potential) (Ag/AgCl)**	**94**		mV	-200	1	ASTM 1498-08 M	05/15/2023 16:52	05/15/2023 22:00	SL
							Certifications:			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**92.1**		%	0.100	1	SM 2540G	05/18/2023 09:34	05/18/2023 14:12	sgs
							Certifications:	CTDOH-PH-0723		

SPLP Extraction for METALS EPA 1312

Log-in Notes: **Sample Notes:** EXT-Temp

Sample Prepared by Method: EPA SW 846-1312 SPLP for Extr. for Metals

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	SPLP Extraction	Completed		N/A	1.00	1	EPA 1312	05/15/2023 12:31	05/16/2023 09:46	TAJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

SPLP Extraction for SVOC/PEST/HERB 1312

Log-in Notes: **Sample Notes:** EXT-Temp

Sample Prepared by Method: EPA SW 846-1312 SPLP Extraction for BNA/Pest/Herb

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	SPLP Extraction	Completed		N/A	1.00	1	EPA 1312	05/15/2023 12:27	05/16/2023 09:42	TAJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

SPLP Extraction for VOA by EPA 1312 ZHE

Log-in Notes: **Sample Notes:** EXT-Temp

Sample Prepared by Method: EPA SW 846-1312 ZHE for SPLP Volatiles

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	SPLP Extraction	Completed		N/A	1.00	1	EPA 1312	05/15/2023 12:23	05/16/2023 09:39	TAJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: C-5 **York Sample ID:** 23E0826-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 8:50 am	05/12/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 17:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 17:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 17:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 17:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 17:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 17:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 17:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 17:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 17:15 NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 17:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 17:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 17:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 17:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 17:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 17:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 17:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 17:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 17:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 17:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
123-91-1	1,4-Dioxane	ND		ug/kg dry	49	98	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 17:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
78-93-3	2-Butanone	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 17:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
591-78-6	2-Hexanone	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 17:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 17:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC

Sample Information

Client Sample ID: C-5 **York Sample ID:** 23E0826-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 8:50 am	05/12/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	**Acetone**	**6.8**	J	ug/kg dry	4.9	9.8	1	EPA 8260C	05/15/2023 09:25	05/15/2023 17:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
107-02-8	Acrolein	ND	CCVE	ug/kg dry	4.9	9.8	1	EPA 8260C	05/15/2023 09:25	05/15/2023 17:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-13-1	Acrylonitrile	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/15/2023 09:25	05/15/2023 17:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	Benzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/15/2023 09:25	05/15/2023 17:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-97-5	Bromochloromethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/15/2023 09:25	05/15/2023 17:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/15/2023 09:25	05/15/2023 17:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-25-2	Bromoform	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/15/2023 09:25	05/15/2023 17:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-83-9	Bromomethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/15/2023 09:25	05/15/2023 17:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-15-0	Carbon disulfide	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/15/2023 09:25	05/15/2023 17:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/15/2023 09:25	05/15/2023 17:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-90-7	Chlorobenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/15/2023 09:25	05/15/2023 17:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-00-3	Chloroethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/15/2023 09:25	05/15/2023 17:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-66-3	Chloroform	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/15/2023 09:25	05/15/2023 17:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-87-3	Chloromethane	ND	CCVE	ug/kg dry	2.5	4.9	1	EPA 8260C	05/15/2023 09:25	05/15/2023 17:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/15/2023 09:25	05/15/2023 17:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/15/2023 09:25	05/15/2023 17:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-82-7	Cyclohexane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/15/2023 09:25	05/15/2023 17:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/15/2023 09:25	05/15/2023 17:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/15/2023 09:25	05/15/2023 17:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/kg dry	2.5	4.9	1	EPA 8260C	05/15/2023 09:25	05/15/2023 17:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/15/2023 09:25	05/15/2023 17:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/15/2023 09:25	05/15/2023 17:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C	05/15/2023 09:25	05/15/2023 17:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: C-5 **York Sample ID:** 23E0826-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 8:50 am	05/12/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	05/15/2023 09:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/15/2023 17:15	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 17:15	BMC
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	05/15/2023 09:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/15/2023 17:15	BMC
75-09-2	Methylene chloride	ND		ug/kg dry	4.9	9.8	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 17:15	BMC
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 17:15	BMC
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 17:15	BMC
95-47-6	o-Xylene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	05/15/2023 17:15	BMC
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.9	9.8	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	05/15/2023 17:15	BMC
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 17:15	BMC
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 17:15	BMC
100-42-5	Styrene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 17:15	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	05/15/2023 09:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/15/2023 17:15	BMC
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 17:15	BMC
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 17:15	BMC
108-88-3	Toluene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 17:15	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 17:15	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 17:15	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723	05/15/2023 17:15	BMC
79-01-6	Trichloroethylene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 17:15	BMC
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 17:15	BMC
75-01-4	Vinyl Chloride	ND	CCVE	ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 17:15	BMC
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.4	15	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	05/15/2023 17:15	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*112 %*	*77-125*

Sample Information

Client Sample ID: C-5 **York Sample ID:** 23E0826-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 8:50 am	05/12/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.9 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.1 %*			*76-130*						

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 17:15	BMC

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	**1,1-Biphenyl**	**49.5**	J	ug/kg dry	45.0	89.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 15:37	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	89.8	179	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 15:37	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 15:37	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/16/2023 08:35	05/17/2023 15:37	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 15:37	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/16/2023 08:35	05/17/2023 15:37	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/16/2023 08:35	05/17/2023 15:37	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	89.8	179	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 15:37	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 15:37	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 15:37	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 15:37	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 15:37	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	89.8	179	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 15:37	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 15:37	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 15:37	KH

Sample Information

Client Sample ID: C-5 **York Sample ID:** 23E0826-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 8:50 am	05/12/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:37 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:37 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-57-6	**2-Methylnaphthalene**	**276**		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:37 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:37 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	89.8	179	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:37 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:37 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:37 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:37 NELAC-NY10854,NJDEP,PADEP	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	89.8	179	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:37 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	89.8	179	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:37 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:37 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:37 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:37 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:37 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	89.8	179	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:37 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	89.8	179	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:37 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	**Acenaphthene**	**198**		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:37 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	**Acenaphthylene**	**111**		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:37 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:37 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		ug/kg dry	180	360	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:37 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	**Anthracene**	**660**		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:37 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:37 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:37 NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: C-5 **York Sample ID:** 23E0826-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 8:50 am	05/12/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-87-5	Benzidine	ND	CCVE	ug/kg dry	180	360	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP	05/16/2023 08:35	05/17/2023 15:37	KH
56-55-3	**Benzo(a)anthracene**	**1190**		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 15:37	KH
50-32-8	**Benzo(a)pyrene**	**793**		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 15:37	KH
205-99-2	**Benzo(b)fluoranthene**	**766**		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 15:37	KH
191-24-2	**Benzo(g,h,i)perylene**	**336**		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 15:37	KH
207-08-9	**Benzo(k)fluoranthene**	**787**		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 15:37	KH
65-85-0	Benzoic acid	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 15:37	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 15:37	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 15:37	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 15:37	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 15:37	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 15:37	KH
117-81-7	**Bis(2-ethylhexyl)phthalate**	**1940**	CCVE	ug/kg dry	45.0	89.8	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 15:37	KH
105-60-2	Caprolactam	ND	CAL-E	ug/kg dry	89.8	179	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 15:37	KH
86-74-8	**Carbazole**	**154**		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 15:37	KH
218-01-9	**Chrysene**	**1050**		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 15:37	KH
53-70-3	**Dibenzo(a,h)anthracene**	**105**		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 15:37	KH
132-64-9	**Dibenzofuran**	**246**		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 15:37	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 15:37	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 15:37	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 15:37	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 15:37	KH
122-39-4	* Diphenylamine	ND		ug/kg dry	89.8	179	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:37	KH

Sample Information

Client Sample ID: C-5 **York Sample ID:** 23E0826-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 8:50 am	05/12/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	**Fluoranthene**	**2370**		ug/kg dry	45.0	89.8	2	EPA 8270D	05/16/2023 08:35	05/17/2023 15:37	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**426**		ug/kg dry	45.0	89.8	2	EPA 8270D	05/16/2023 08:35	05/17/2023 15:37	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		ug/kg dry	45.0	89.8	2	EPA 8270D	05/16/2023 08:35	05/17/2023 15:37	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	45.0	89.8	2	EPA 8270D	05/16/2023 08:35	05/17/2023 15:37	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	ug/kg dry	45.0	89.8	2	EPA 8270D	05/16/2023 08:35	05/17/2023 15:37	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		ug/kg dry	45.0	89.8	2	EPA 8270D	05/16/2023 08:35	05/17/2023 15:37	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**429**		ug/kg dry	45.0	89.8	2	EPA 8270D	05/16/2023 08:35	05/17/2023 15:37	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/kg dry	45.0	89.8	2	EPA 8270D	05/16/2023 08:35	05/17/2023 15:37	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-20-3	**Naphthalene**	**107**		ug/kg dry	45.0	89.8	2	EPA 8270D	05/16/2023 08:35	05/17/2023 15:37	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		ug/kg dry	45.0	89.8	2	EPA 8270D	05/16/2023 08:35	05/17/2023 15:37	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	45.0	89.8	2	EPA 8270D	05/16/2023 08:35	05/17/2023 15:37	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	45.0	89.8	2	EPA 8270D	05/16/2023 08:35	05/17/2023 15:37	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	45.0	89.8	2	EPA 8270D	05/16/2023 08:35	05/17/2023 15:37	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		ug/kg dry	45.0	89.8	2	EPA 8270D	05/16/2023 08:35	05/17/2023 15:37	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**2700**		ug/kg dry	45.0	89.8	2	EPA 8270D	05/16/2023 08:35	05/17/2023 15:37	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		ug/kg dry	45.0	89.8	2	EPA 8270D	05/16/2023 08:35	05/17/2023 15:37	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**2280**		ug/kg dry	45.0	89.8	2	EPA 8270D	05/16/2023 08:35	05/17/2023 15:37	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*24.5 %*		*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*31.0 %*		*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*37.0 %*		*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*33.5 %*		*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*13.5 %*	S-08	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*35.6 %*		*24-116*

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: C-5 **York Sample ID:** 23E0826-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 8:50 am	05/12/2023

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**dimethyl Naphthalene Isomer...**	**1370**	J	ug/kg dry			2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:37	KH
NA	**Octadecadienoic Acid Isomer...**	**24200**	J	ug/kg dry			2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:37	KH
NA	**Octadecenoic Acid Isomer RT...**	**17100**	J	ug/kg dry			2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:37	KH
NA	**Pentadecane Isomer RT 7.4**	**771**	J	ug/kg dry			2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:37	KH
NA	**Unknown Fatty Acid RT 11.2**	**3380**	J	ug/kg dry			2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:37	KH
NA	**Unknown Fatty Acid RT 9.9**	**5090**	J	ug/kg dry			2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 15:37	KH

Pesticides, NJDEP/TCL List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.74	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 05:23	BCJ
72-55-9	4,4'-DDE	ND		ug/kg dry	1.74	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 05:23	BCJ
50-29-3	4,4'-DDT	ND		ug/kg dry	1.74	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 05:23	BCJ
309-00-2	Aldrin	ND		ug/kg dry	1.74	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 05:23	BCJ
319-84-6	alpha-BHC	ND		ug/kg dry	1.74	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 05:23	BCJ
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.74	5	EPA 8081B Certifications:	05/16/2023 09:24 NELAC-NY10854,NJDEP	05/18/2023 05:23	BCJ
319-85-7	beta-BHC	ND		ug/kg dry	1.74	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 05:23	BCJ
57-74-9	Chlordane, total	ND		ug/kg dry	3.49	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 05:23	BCJ
319-86-8	delta-BHC	ND		ug/kg dry	1.74	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 05:23	BCJ
60-57-1	Dieldrin	ND		ug/kg dry	1.74	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 05:23	BCJ
959-98-8	Endosulfan I	ND		ug/kg dry	1.74	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 05:23	BCJ
33213-65-9	Endosulfan II	ND		ug/kg dry	1.74	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854	05/18/2023 05:23	BCJ
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.74	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 05:23	BCJ
72-20-8	Endrin	ND		ug/kg dry	1.74	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 05:23	BCJ

Sample Information

Client Sample ID: C-5 **York Sample ID:** 23E0826-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 8:50 am	05/12/2023

Pesticides, NJDEP/TCL List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.74	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 05:23	BCJ
53494-70-5	Endrin ketone	ND		ug/kg dry	1.74	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 05:23	BCJ
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.74	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 05:23	BCJ
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.74	5	EPA 8081B Certifications:	05/16/2023 09:24 NELAC-NY10854,NJDEP	05/18/2023 05:23	BCJ
76-44-8	Heptachlor	ND		ug/kg dry	1.74	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 05:23	BCJ
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.74	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 05:23	BCJ
72-43-5	Methoxychlor	ND		ug/kg dry	8.71	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 05:23	BCJ
8001-35-2	Toxaphene	ND		ug/kg dry	88.2	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 05:23	BCJ
57-74-9	* Chlordane, total (alpha, gamma)	ND		ug/kg dry	1.74	5	EPA 8081B Certifications:	05/16/2023 09:24	05/18/2023 05:23	BCJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*33.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*43.9 %*	*30-140*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0176	1	EPA 8082A Certifications:	05/16/2023 09:24 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	05/18/2023 02:03	BCJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0176	1	EPA 8082A Certifications:	05/16/2023 09:24 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	05/18/2023 02:03	BCJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0176	1	EPA 8082A Certifications:	05/16/2023 09:24 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	05/18/2023 02:03	BCJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0176	1	EPA 8082A Certifications:	05/16/2023 09:24 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	05/18/2023 02:03	BCJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0176	1	EPA 8082A Certifications:	05/16/2023 09:24 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	05/18/2023 02:03	BCJ
11097-69-1	Aroclor 1254	ND	PCB-I	mg/kg dry	0.0176	1	EPA 8082A Certifications:	05/16/2023 09:24 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	05/18/2023 02:03	BCJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0176	1	EPA 8082A Certifications:	05/16/2023 09:24 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	05/18/2023 02:03	BCJ
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0176	1	EPA 8082A Certifications:	05/16/2023 09:24 NELAC-NY10854,NJDEP,PADEP	05/18/2023 02:03	BCJ
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0176	1	EPA 8082A Certifications:	05/16/2023 09:24 NELAC-NY10854,NJDEP,PADEP	05/18/2023 02:03	BCJ

Sample Information

Client Sample ID: C-5 **York Sample ID:** 23E0826-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 8:50 am	05/12/2023

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0176	1	EPA 8082A Certifications:	05/16/2023 09:24	05/18/2023 02:03	BCJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*52.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*40.5 %*	*30-140*

Herbicides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/kg dry	21.3	1	EPA 8151A Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:44	05/19/2023 13:08	BCJ
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	21.3	1	EPA 8151A Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:44	05/19/2023 13:08	BCJ
94-75-7	2,4-D	ND		ug/kg dry	21.3	1	EPA 8151A Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:44	05/19/2023 13:08	BCJ

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*50.8 %*	*21-150*

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	*** ETPH (Extractable Total Petroleum Hydrocarbons)**	**155**		mg/kg dry	82.3	2	CT DEP ETPH Certifications: CTDOH-PH-0723	05/19/2023 12:39	05/19/2023 16:45	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*59.0 %*	*50-150*

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	*** Total EPH**	**412**		mg/kg dry	52.0	1	NJDEP EPH Rev 3.0 Certifications: NJDEP	05/16/2023 08:47	05/16/2023 22:20	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*88.6 %*	*31.6-128*
84-15-1	*Surrogate: o-Terphenyl*	*83.0 %*	*28.7-124*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: C-5 **York Sample ID:** 23E0826-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 8:50 am	05/12/2023

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**9200**		mg/kg dry	4.50	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:52	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.25	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:52	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**6.16**		mg/kg dry	1.35	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:52	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**54.6**		mg/kg dry	2.25	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:52	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.066**		mg/kg dry	0.045	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:52	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.270	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:52	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**14400**		mg/kg dry	4.50	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:52	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**19.8**		mg/kg dry	0.451	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:52	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**6.78**		mg/kg dry	0.360	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:52	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**22.5**		mg/kg dry	1.80	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:52	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**14300**		mg/kg dry	22.5	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:52	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**40.9**		mg/kg dry	0.451	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:52	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**5250**		mg/kg dry	4.51	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:52	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**279**		mg/kg dry	0.451	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:52	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**16.8**		mg/kg dry	0.897	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:52	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**964**		mg/kg dry	4.51	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:52	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.25	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:52	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.454	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:52	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**504**		mg/kg dry	45.0	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:52	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.25	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:52	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**26.2**		mg/kg dry	0.897	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:52	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**52.1**	M-CCV 1	mg/kg dry	2.24	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:52	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: C-5 **York Sample ID:** 23E0826-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 8:50 am	05/12/2023

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0820**		mg/kg dry	0.0324	1	EPA 7473	05/17/2023 14:10	05/17/2023 22:19	AGNR
							Certifications: CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP			

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.540	1	EPA 7196A	05/18/2023 14:11	05/18/2023 21:19	ZTS
							Certifications: NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.540	1	EPA 9014/9010C	05/17/2023 14:34	05/17/2023 20:46	SL
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			

pH

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	**10.4**		pH units	0.500	1	EPA 9045D	05/15/2023 16:49	05/15/2023 21:57	SL
							Certifications: NELAC-NY10854,CTDOH-PH-0723,PADEP,NJDEP			

ORP (Oxidation-Reduction Potential)(Ag/AgCl)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	*** ORP (Oxidation-Reduction Potential) (Ag/AgCl)**	**110**		mV	-200	1	ASTM 1498-08 M	05/15/2023 16:52	05/15/2023 22:00	SL
							Certifications:			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**92.5**		%	0.100	1	SM 2540G	05/18/2023 09:34	05/18/2023 14:12	sgs
							Certifications: CTDOH-PH-0723			

SPLP Extraction for METALS EPA 1312

Log-in Notes: **Sample Notes:** **EXT-Temp**

Sample Prepared by Method: EPA SW 846-1312 SPLP for Extr. for Metals

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: C-5 **York Sample ID:** 23E0826-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 8:50 am	05/12/2023

SPLP Extraction for METALS EPA 1312

Log-in Notes: **Sample Notes:** EXT-Temp

Sample Prepared by Method: EPA SW 846-1312 SPLP for Extr. for Metals

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	SPLP Extraction	Completed		N/A	1.00	1	EPA 1312	05/15/2023 12:31	05/16/2023 09:46	TAJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

SPLP Extraction for SVOC/PEST/HERB 1312

Log-in Notes: **Sample Notes:** EXT-Temp

Sample Prepared by Method: EPA SW 846-1312 SPLP Extraction for BNA/Pest/Herb

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	SPLP Extraction	Completed		N/A	1.00	1	EPA 1312	05/15/2023 12:27	05/16/2023 09:42	TAJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

SPLP Extraction for VOA by EPA 1312 ZHE

Log-in Notes: **Sample Notes:** EXT-Temp

Sample Prepared by Method: EPA SW 846-1312 ZHE for SPLP Volatiles

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	SPLP Extraction	Completed		N/A	1.00	1	EPA 1312	05/15/2023 12:23	05/16/2023 09:39	TAJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: C-6 **York Sample ID:** 23E0826-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 8:57 am	05/12/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	05/15/2023 09:25	05/15/2023 18:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	05/15/2023 09:25	05/15/2023 18:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	05/15/2023 09:25	05/15/2023 18:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	05/15/2023 09:25	05/15/2023 18:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	05/15/2023 09:25	05/15/2023 18:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	05/15/2023 09:25	05/15/2023 18:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	05/15/2023 09:25	05/15/2023 18:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: C-6 **York Sample ID:** 23E0826-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 8:57 am	05/12/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 18:05 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 18:05 NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 18:05 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 18:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 18:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 18:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 18:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 18:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 18:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 18:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 18:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 18:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
123-91-1	1,4-Dioxane	ND		ug/kg dry	57	110	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 18:05 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
78-93-3	2-Butanone	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 18:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
591-78-6	2-Hexanone	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 18:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 18:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
67-64-1	**Acetone**	**40**	ICVE, QL-02	ug/kg dry	5.7	11	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 18:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	BMC
107-02-8	Acrolein	ND	CCVE	ug/kg dry	5.7	11	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 18:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
107-13-1	Acrylonitrile	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 18:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
71-43-2	Benzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 18:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
74-97-5	Bromochloromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 18:05 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 18:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
75-25-2	Bromoform	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 18:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC

Sample Information

Client Sample ID: C-6 **York Sample ID:** 23E0826-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 8:57 am	05/12/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 18:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
75-15-0	Carbon disulfide	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 18:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 18:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
108-90-7	Chlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 18:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
75-00-3	Chloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 18:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
67-66-3	Chloroform	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 18:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
74-87-3	Chloromethane	ND	CCVE	ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 18:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 18:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 18:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
110-82-7	Cyclohexane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 18:05 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 18:05 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-95-3	Dibromomethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 18:05 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 18:05 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 18:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 18:05 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 18:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
79-20-9	Methyl acetate	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 18:05 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 18:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 18:05 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-09-2	Methylene chloride	ND		ug/kg dry	5.7	11	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 18:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 18:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 18:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
95-47-6	o-Xylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 18:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	BMC

Sample Information

Client Sample ID: C-6 **York Sample ID:** 23E0826-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 8:57 am	05/12/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.7	11	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 18:05	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 18:05	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 18:05	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-42-5	Styrene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 18:05	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 18:05	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 18:05	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 18:05	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-88-3	Toluene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 18:05	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 18:05	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 18:05	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 18:05	BMC CTDOH-PH-0723
79-01-6	Trichloroethylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 18:05	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 18:05	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-01-4	Vinyl Chloride	ND	CCVE	ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 18:05	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 18:05	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*108 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.9 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.1 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 18:05	BMC

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: C-6 **York Sample ID:** 23E0826-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 8:57 am	05/12/2023

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35 NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:07	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	90.0	180	2	EPA 8270D Certifications:	05/16/2023 08:35 NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:07	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:07	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35 NELAC-NY10854,PADEP	05/17/2023 16:07	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35 NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:07	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35 NELAC-NY10854,PADEP	05/17/2023 16:07	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35 NELAC-NY10854,PADEP	05/17/2023 16:07	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	90.0	180	2	EPA 8270D Certifications:	05/16/2023 08:35 NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:07	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:07	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:07	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:07	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:07	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	90.0	180	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:07	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:07	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:07	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:07	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:07	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:07	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:07	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	90.0	180	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:07	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:07	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:07	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35 NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:07	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	90.0	180	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:07	KH

Sample Information

Client Sample ID: C-6 **York Sample ID:** 23E0826-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 8:57 am	05/12/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	90.0	180	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:07	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:07	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:07	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:07	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:07	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	90.0	180	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:07	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	90.0	180	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:07	KH
83-32-9	Acenaphthene	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:07	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:07	KH
98-86-2	Acetophenone	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35 NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:07	KH
62-53-3	Aniline	ND		ug/kg dry	180	360	2	EPA 8270D Certifications:	05/16/2023 08:35 NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:07	KH
120-12-7	**Anthracene**	**78.4**	J	ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:07	KH
1912-24-9	Atrazine	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35 NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:07	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35 NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:07	KH
92-87-5	Benzidine	ND	CCVE	ug/kg dry	180	360	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,PADEP	05/17/2023 16:07	KH
56-55-3	**Benzo(a)anthracene**	**242**		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:07	KH
50-32-8	**Benzo(a)pyrene**	**201**		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:07	KH
205-99-2	**Benzo(b)fluoranthene**	**207**		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:07	KH
191-24-2	**Benzo(g,h,i)perylene**	**105**		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:07	KH
207-08-9	**Benzo(k)fluoranthene**	**172**		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:07	KH
65-85-0	Benzoic acid	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35 NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:07	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35 NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:07	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:07	KH

Sample Information

Client Sample ID: C-6 **York Sample ID:** 23E0826-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 8:57 am	05/12/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:07	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:07	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:07	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:07	KH
105-60-2	Caprolactam	ND	CAL-E	ug/kg dry	90.0	180	2	EPA 8270D Certifications:	05/16/2023 08:35 NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:07	KH
86-74-8	Carbazole	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:07	KH
218-01-9	**Chrysene**	**233**		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:07	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:07	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:07	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:07	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:07	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:07	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:07	KH
122-39-4	* Diphenylamine	ND		ug/kg dry	90.0	180	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 16:07	KH
206-44-0	**Fluoranthene**	**400**		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:07	KH
86-73-7	**Fluorene**	**45.3**	J	ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35 NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:07	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:07	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:07	KH
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:07	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:07	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**135**		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:07	KH
78-59-1	Isophorone	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:07	KH
91-20-3	Naphthalene	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:07	KH

Sample Information

Client Sample ID: C-6 **York Sample ID:** 23E0826-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 8:57 am	05/12/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:07	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:07	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:07	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:07	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:07	KH
85-01-8	**Phenanthrene**	**291**		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:07	KH
108-95-2	Phenol	ND		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:07	KH
129-00-0	**Pyrene**	**506**		ug/kg dry	45.1	90.0	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:07	KH

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*24.2 %*		*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*32.8 %*		*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*34.1 %*		*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*34.6 %*		*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*11.3 %*	S-08	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*40.7 %*		*24-116*

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**Octadecadienoic Acid Isomer...**	**1880**	J	ug/kg dry			2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 16:07	KH
NA	**Octadecenoic Acid Isomer RT...**	**1710**	J	ug/kg dry			2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 16:07	KH

Pesticides, NJDEP/TCL List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.76	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 05:41	BCJ
72-55-9	4,4'-DDE	ND		ug/kg dry	1.76	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 05:41	BCJ

Sample Information

Client Sample ID: C-6 **York Sample ID:** 23E0826-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 8:57 am	05/12/2023

Pesticides, NJDEP/TCL List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-29-3	**4,4'-DDT**	**5.94**		ug/kg dry	1.76	5	EPA 8081B	05/16/2023 09:24	05/18/2023 05:41	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
309-00-2	**Aldrin**	**3.61**		ug/kg dry	1.76	5	EPA 8081B	05/16/2023 09:24	05/18/2023 05:41	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/kg dry	1.76	5	EPA 8081B	05/16/2023 09:24	05/18/2023 05:41	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	**alpha-Chlordane**	**2.21**		ug/kg dry	1.76	5	EPA 8081B	05/16/2023 09:24	05/18/2023 05:41	BCJ
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		ug/kg dry	1.76	5	EPA 8081B	05/16/2023 09:24	05/18/2023 05:41	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		ug/kg dry	3.51	5	EPA 8081B	05/16/2023 09:24	05/18/2023 05:41	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/kg dry	1.76	5	EPA 8081B	05/16/2023 09:24	05/18/2023 05:41	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		ug/kg dry	1.76	5	EPA 8081B	05/16/2023 09:24	05/18/2023 05:41	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/kg dry	1.76	5	EPA 8081B	05/16/2023 09:24	05/18/2023 05:41	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/kg dry	1.76	5	EPA 8081B	05/16/2023 09:24	05/18/2023 05:41	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.76	5	EPA 8081B	05/16/2023 09:24	05/18/2023 05:41	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/kg dry	1.76	5	EPA 8081B	05/16/2023 09:24	05/18/2023 05:41	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.76	5	EPA 8081B	05/16/2023 09:24	05/18/2023 05:41	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/kg dry	1.76	5	EPA 8081B	05/16/2023 09:24	05/18/2023 05:41	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.76	5	EPA 8081B	05/16/2023 09:24	05/18/2023 05:41	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	**gamma-Chlordane**	**2.13**		ug/kg dry	1.76	5	EPA 8081B	05/16/2023 09:24	05/18/2023 05:41	BCJ
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		ug/kg dry	1.76	5	EPA 8081B	05/16/2023 09:24	05/18/2023 05:41	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.76	5	EPA 8081B	05/16/2023 09:24	05/18/2023 05:41	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/kg dry	8.78	5	EPA 8081B	05/16/2023 09:24	05/18/2023 05:41	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/kg dry	88.9	5	EPA 8081B	05/16/2023 09:24	05/18/2023 05:41	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
57-74-9	* Chlordane, total (alpha, gamma)	ND		ug/kg dry	1.76	5	EPA 8081B	05/16/2023 09:24	05/18/2023 05:41	BCJ
							Certifications:			

	Surrogate Recoveries	Result		Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*26.3 %*	S-08, S-GC	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*44.7 %*		*30-140*

Sample Information

Client Sample ID: C-6 **York Sample ID:** 23E0826-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 8:57 am	05/12/2023

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications:	05/16/2023 09:24 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	05/18/2023 02:17	BCJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications:	05/16/2023 09:24 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	05/18/2023 02:17	BCJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications:	05/16/2023 09:24 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	05/18/2023 02:17	BCJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications:	05/16/2023 09:24 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	05/18/2023 02:17	BCJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications:	05/16/2023 09:24 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	05/18/2023 02:17	BCJ
11097-69-1	Aroclor 1254	ND	PCB-I	mg/kg dry	0.0177	1	EPA 8082A Certifications:	05/16/2023 09:24 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	05/18/2023 02:17	BCJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications:	05/16/2023 09:24 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	05/18/2023 02:17	BCJ
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications:	05/16/2023 09:24 NELAC-NY10854,NJDEP,PADEP	05/18/2023 02:17	BCJ
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications:	05/16/2023 09:24 NELAC-NY10854,NJDEP,PADEP	05/18/2023 02:17	BCJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications:	05/16/2023 09:24	05/18/2023 02:17	BCJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*50.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*37.5 %*	*30-140*

Herbicides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/kg dry	21.2	1	EPA 8151A Certifications:	05/16/2023 08:44 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/19/2023 13:19	BCJ
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	21.2	1	EPA 8151A Certifications:	05/16/2023 08:44 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/19/2023 13:19	BCJ
94-75-7	2,4-D	ND		ug/kg dry	21.2	1	EPA 8151A Certifications:	05/16/2023 08:44 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/19/2023 13:19	BCJ

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*40.6 %*	*21-150*

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: C-6 **York Sample ID:** 23E0826-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 8:57 am	05/12/2023

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	*** ETPH (Extractable Total Petroleum Hydrocarbons)**	**287**		mg/kg dry	204	5	CT DEP ETPH	05/19/2023 11:52	05/19/2023 17:24	GXB
							Certifications: CTDOH-PH-0723			

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*92.6 %*	*50-150*

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	*** Total EPH**	**226**		mg/kg dry	53.6	1	NJDEP EPH Rev 3.0	05/16/2023 08:47	05/16/2023 22:50	GXB
							Certifications: NJDEP			

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*83.9 %*	*31.6-128*
84-15-1	*Surrogate: o-Terphenyl*	*80.2 %*	*28.7-124*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**9280**		mg/kg dry	4.51	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:54	AJL
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	Antimony	ND		mg/kg dry	2.25	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:54	AJL
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**5.64**		mg/kg dry	1.35	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:54	AJL
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**66.4**		mg/kg dry	2.25	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:54	AJL
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/kg dry	0.045	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:54	AJL
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.271	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:54	AJL
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**15500**		mg/kg dry	4.51	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:54	AJL
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**19.1**		mg/kg dry	0.451	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:54	AJL
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**7.06**		mg/kg dry	0.360	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:54	AJL
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**27.1**		mg/kg dry	1.80	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:54	AJL
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**14300**		mg/kg dry	22.5	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:54	AJL
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: C-6 **York Sample ID:** 23E0826-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 8:57 am	05/12/2023

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**48.0**		mg/kg dry	0.451	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:54	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**4060**		mg/kg dry	4.51	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:54	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**250**		mg/kg dry	0.451	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:54	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**17.6**		mg/kg dry	0.898	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:54	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**994**		mg/kg dry	4.51	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:54	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.25	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:54	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.455	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:54	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**625**		mg/kg dry	45.1	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:54	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.25	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:54	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**29.2**		mg/kg dry	0.898	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:54	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**50.5**	M-CCV 1	mg/kg dry	2.25	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:54	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.121**		mg/kg dry	0.0325	1	EPA 7473	05/17/2023 14:10	05/17/2023 22:19	AGNR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	**Chromium, Hexavalent**	**0.736**		mg/kg dry	0.541	1	EPA 7196A	05/18/2023 14:11	05/18/2023 21:19	ZTS
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.541	1	EPA 9014/9010C	05/18/2023 07:58	05/18/2023 12:41	SMK
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sample Information

Client Sample ID: C-6 **York Sample ID:** 23E0826-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 8:57 am	05/12/2023

pH

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	**10.7**		pH units	0.500	1	EPA 9045D	05/15/2023 16:49	05/15/2023 21:57	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,PADEP,NJDEP		

ORP (Oxidation-Reduction Potential)(Ag/AgCl)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	*** ORP (Oxidation-Reduction Potential) (Ag/AgCl)**	**86**		mV	-200	1	ASTM 1498-08 M	05/15/2023 16:52	05/15/2023 22:00	SL
							Certifications:			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**92.4**		%	0.100	1	SM 2540G	05/18/2023 09:34	05/18/2023 14:12	sgs
							Certifications:	CTDOH-PH-0723		

SPLP Extraction for METALS EPA 1312

Log-in Notes: **Sample Notes:** EXT-Temp

Sample Prepared by Method: EPA SW 846-1312 SPLP for Extr. for Metals

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	SPLP Extraction	Completed		N/A	1.00	1	EPA 1312	05/15/2023 12:31	05/16/2023 09:46	TAJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

SPLP Extraction for SVOC/PEST/HERB 1312

Log-in Notes: **Sample Notes:** EXT-Temp

Sample Prepared by Method: EPA SW 846-1312 SPLP Extraction for BNA/Pest/Herb

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	SPLP Extraction	Completed		N/A	1.00	1	EPA 1312	05/15/2023 12:27	05/16/2023 09:42	TAJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

SPLP Extraction for VOA by EPA 1312 ZHE

Log-in Notes: **Sample Notes:** EXT-Temp

Sample Prepared by Method: EPA SW 846-1312 ZHE for SPLP Volatiles

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	SPLP Extraction	Completed		N/A	1.00	1	EPA 1312	05/15/2023 12:23	05/16/2023 09:39	TAJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: C-7 **York Sample ID:** 23E0826-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 8:35 am	05/12/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 19:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 19:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 19:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 19:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 19:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 19:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 19:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 19:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 19:47 NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 19:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 19:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 19:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 19:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 19:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 19:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 19:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 19:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 19:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 19:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
123-91-1	1,4-Dioxane	ND		ug/kg dry	52	100	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 19:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
78-93-3	**2-Butanone**	**6.0**		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 19:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	BMC
591-78-6	2-Hexanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 19:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 19:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC

Sample Information

Client Sample ID: C-7 **York Sample ID:** 23E0826-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 8:35 am	05/12/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	**Acetone**	**36**	ICVE, QL-02	ug/kg dry	5.2	10	1	EPA 8260C	05/15/2023 09:25	05/15/2023 19:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
107-02-8	Acrolein	ND	CCVE	ug/kg dry	5.2	10	1	EPA 8260C	05/15/2023 09:25	05/15/2023 19:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-13-1	Acrylonitrile	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	05/15/2023 09:25	05/15/2023 19:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	05/15/2023 09:25	05/15/2023 19:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-97-5	Bromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	05/15/2023 09:25	05/15/2023 19:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	05/15/2023 09:25	05/15/2023 19:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	05/15/2023 09:25	05/15/2023 19:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	05/15/2023 09:25	05/15/2023 19:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-15-0	Carbon disulfide	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	05/15/2023 09:25	05/15/2023 19:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	05/15/2023 09:25	05/15/2023 19:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	05/15/2023 09:25	05/15/2023 19:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	05/15/2023 09:25	05/15/2023 19:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	05/15/2023 09:25	05/15/2023 19:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-87-3	Chloromethane	ND	CCVE	ug/kg dry	2.6	5.2	1	EPA 8260C	05/15/2023 09:25	05/15/2023 19:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	05/15/2023 09:25	05/15/2023 19:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	05/15/2023 09:25	05/15/2023 19:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-82-7	Cyclohexane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	05/15/2023 09:25	05/15/2023 19:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	05/15/2023 09:25	05/15/2023 19:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	05/15/2023 09:25	05/15/2023 19:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/kg dry	2.6	5.2	1	EPA 8260C	05/15/2023 09:25	05/15/2023 19:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	05/15/2023 09:25	05/15/2023 19:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	05/15/2023 09:25	05/15/2023 19:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	05/15/2023 09:25	05/15/2023 19:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: C-7 **York Sample ID:** 23E0826-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 8:35 am	05/12/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/15/2023 09:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/15/2023 19:47	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 19:47	BMC
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/15/2023 09:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/15/2023 19:47	BMC
75-09-2	Methylene chloride	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 19:47	BMC
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 19:47	BMC
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 19:47	BMC
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	05/15/2023 19:47	BMC
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	05/15/2023 19:47	BMC
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 19:47	BMC
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 19:47	BMC
100-42-5	Styrene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 19:47	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/15/2023 09:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/15/2023 19:47	BMC
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 19:47	BMC
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 19:47	BMC
108-88-3	Toluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 19:47	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 19:47	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 19:47	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723	05/15/2023 19:47	BMC
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 19:47	BMC
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 19:47	BMC
75-01-4	Vinyl Chloride	ND	CCVE	ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 19:47	BMC
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.8	16	1	EPA 8260C Certifications:	05/15/2023 09:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	05/15/2023 19:47	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*110 %*	*77-125*

Sample Information

Client Sample ID: C-7 **York Sample ID:** 23E0826-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 8:35 am	05/12/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.2 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*93.8 %*			*76-130*						

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	05/15/2023 09:25	05/15/2023 19:47	BMC

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 16:38	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	89.8	179	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 16:38	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 16:38	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/16/2023 08:35	05/17/2023 16:38	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 16:38	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/16/2023 08:35	05/17/2023 16:38	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/16/2023 08:35	05/17/2023 16:38	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	89.8	179	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 16:38	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 16:38	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 16:38	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 16:38	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 16:38	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	89.8	179	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 16:38	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 16:38	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/16/2023 08:35	05/17/2023 16:38	KH

Sample Information

Client Sample ID: C-7 **York Sample ID:** 23E0826-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 8:35 am	05/12/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 16:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 16:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 16:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 16:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	89.8	179	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 16:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 16:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 16:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 16:38 NELAC-NY10854,NJDEP,PADEP	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	89.8	179	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 16:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	89.8	179	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 16:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 16:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 16:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 16:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 16:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	89.8	179	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 16:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	89.8	179	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 16:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 16:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 16:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 16:38 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		ug/kg dry	180	360	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 16:38 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	**Anthracene**	**80.4**	J	ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 16:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 16:38 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 16:38 NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: C-7 **York Sample ID:** 23E0826-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 8:35 am	05/12/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-87-5	Benzidine	ND		ug/kg dry	180	360	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,PADEP	05/17/2023 16:38	KH
56-55-3	**Benzo(a)anthracene**	**238**		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:38	KH
50-32-8	**Benzo(a)pyrene**	**199**		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:38	KH
205-99-2	**Benzo(b)fluoranthene**	**194**		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:38	KH
191-24-2	**Benzo(g,h,i)perylene**	**101**		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:38	KH
207-08-9	**Benzo(k)fluoranthene**	**168**		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:38	KH
65-85-0	Benzoic acid	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	05/16/2023 08:35 NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:38	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	05/16/2023 08:35 NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:38	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:38	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:38	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:38	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:38	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:38	KH
105-60-2	Caprolactam	ND		ug/kg dry	89.8	179	2	EPA 8270D Certifications:	05/16/2023 08:35 NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:38	KH
86-74-8	Carbazole	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:38	KH
218-01-9	**Chrysene**	**241**		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:38	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:38	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:38	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:38	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:38	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:38	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	45.0	89.8	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 16:38	KH
122-39-4	* Diphenylamine	ND		ug/kg dry	89.8	179	2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 16:38	KH

Sample Information

Client Sample ID: C-7 **York Sample ID:** 23E0826-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 8:35 am	05/12/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	**Fluoranthene**	**355**		ug/kg dry	45.0	89.8	2	EPA 8270D	05/16/2023 08:35	05/17/2023 16:38	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		ug/kg dry	45.0	89.8	2	EPA 8270D	05/16/2023 08:35	05/17/2023 16:38	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		ug/kg dry	45.0	89.8	2	EPA 8270D	05/16/2023 08:35	05/17/2023 16:38	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	45.0	89.8	2	EPA 8270D	05/16/2023 08:35	05/17/2023 16:38	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	45.0	89.8	2	EPA 8270D	05/16/2023 08:35	05/17/2023 16:38	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		ug/kg dry	45.0	89.8	2	EPA 8270D	05/16/2023 08:35	05/17/2023 16:38	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**126**		ug/kg dry	45.0	89.8	2	EPA 8270D	05/16/2023 08:35	05/17/2023 16:38	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/kg dry	45.0	89.8	2	EPA 8270D	05/16/2023 08:35	05/17/2023 16:38	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		ug/kg dry	45.0	89.8	2	EPA 8270D	05/16/2023 08:35	05/17/2023 16:38	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		ug/kg dry	45.0	89.8	2	EPA 8270D	05/16/2023 08:35	05/17/2023 16:38	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	45.0	89.8	2	EPA 8270D	05/16/2023 08:35	05/17/2023 16:38	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	45.0	89.8	2	EPA 8270D	05/16/2023 08:35	05/17/2023 16:38	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	45.0	89.8	2	EPA 8270D	05/16/2023 08:35	05/17/2023 16:38	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		ug/kg dry	45.0	89.8	2	EPA 8270D	05/16/2023 08:35	05/17/2023 16:38	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**272**		ug/kg dry	45.0	89.8	2	EPA 8270D	05/16/2023 08:35	05/17/2023 16:38	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		ug/kg dry	45.0	89.8	2	EPA 8270D	05/16/2023 08:35	05/17/2023 16:38	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**461**		ug/kg dry	45.0	89.8	2	EPA 8270D	05/16/2023 08:35	05/17/2023 16:38	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*13.6 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*33.2 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*42.3 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*42.0 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*3.88 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*46.2 %*	*24-116*

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: C-7 **York Sample ID:** 23E0826-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 8:35 am	05/12/2023

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**Octadecadienoic Acid Isomer...**	**2190**	J	ug/kg dry			2	EPA 8270D	05/16/2023 08:35	05/17/2023 16:38	KH
								Certifications:			
NA	**Octadecenoic Acid Isomer RT...**	**1940**	J	ug/kg dry			2	EPA 8270D	05/16/2023 08:35	05/17/2023 16:38	KH
								Certifications:			

Pesticides, NJDEP/TCL List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.74	5	EPA 8081B	05/16/2023 09:24	05/18/2023 05:59	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		ug/kg dry	1.74	5	EPA 8081B	05/16/2023 09:24	05/18/2023 05:59	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		ug/kg dry	1.74	5	EPA 8081B	05/16/2023 09:24	05/18/2023 05:59	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
309-00-2	**Aldrin**	**2.82**		ug/kg dry	1.74	5	EPA 8081B	05/16/2023 09:24	05/18/2023 05:59	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/kg dry	1.74	5	EPA 8081B	05/16/2023 09:24	05/18/2023 05:59	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.74	5	EPA 8081B	05/16/2023 09:24	05/18/2023 05:59	BCJ
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		ug/kg dry	1.74	5	EPA 8081B	05/16/2023 09:24	05/18/2023 05:59	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		ug/kg dry	3.49	5	EPA 8081B	05/16/2023 09:24	05/18/2023 05:59	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/kg dry	1.74	5	EPA 8081B	05/16/2023 09:24	05/18/2023 05:59	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		ug/kg dry	1.74	5	EPA 8081B	05/16/2023 09:24	05/18/2023 05:59	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/kg dry	1.74	5	EPA 8081B	05/16/2023 09:24	05/18/2023 05:59	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/kg dry	1.74	5	EPA 8081B	05/16/2023 09:24	05/18/2023 05:59	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.74	5	EPA 8081B	05/16/2023 09:24	05/18/2023 05:59	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/kg dry	1.74	5	EPA 8081B	05/16/2023 09:24	05/18/2023 05:59	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.74	5	EPA 8081B	05/16/2023 09:24	05/18/2023 05:59	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/kg dry	1.74	5	EPA 8081B	05/16/2023 09:24	05/18/2023 05:59	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.74	5	EPA 8081B	05/16/2023 09:24	05/18/2023 05:59	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.74	5	EPA 8081B	05/16/2023 09:24	05/18/2023 05:59	BCJ
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		ug/kg dry	1.74	5	EPA 8081B	05/16/2023 09:24	05/18/2023 05:59	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: C-7 **York Sample ID:** 23E0826-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 8:35 am	05/12/2023

Pesticides, NJDEP/TCL List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.74	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 05:59	BCJ
72-43-5	Methoxychlor	ND		ug/kg dry	8.71	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 05:59	BCJ
8001-35-2	Toxaphene	ND		ug/kg dry	88.2	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 05:59	BCJ
57-74-9	* Chlordane, total (alpha, gamma)	ND		ug/kg dry	1.74	5	EPA 8081B Certifications:	05/16/2023 09:24	05/18/2023 05:59	BCJ

	Surrogate Recoveries	Result		Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*23.5 %*	S-08, S-GC	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*37.1 %*		*30-140*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0176	1	EPA 8082A Certifications:	05/16/2023 09:24 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	05/18/2023 02:31	BCJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0176	1	EPA 8082A Certifications:	05/16/2023 09:24 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	05/18/2023 02:31	BCJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0176	1	EPA 8082A Certifications:	05/16/2023 09:24 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	05/18/2023 02:31	BCJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0176	1	EPA 8082A Certifications:	05/16/2023 09:24 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	05/18/2023 02:31	BCJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0176	1	EPA 8082A Certifications:	05/16/2023 09:24 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	05/18/2023 02:31	BCJ
11097-69-1	Aroclor 1254	ND	PCB-I	mg/kg dry	0.0176	1	EPA 8082A Certifications:	05/16/2023 09:24 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	05/18/2023 02:31	BCJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0176	1	EPA 8082A Certifications:	05/16/2023 09:24 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	05/18/2023 02:31	BCJ
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0176	1	EPA 8082A Certifications:	05/16/2023 09:24 NELAC-NY10854,NJDEP,PADEP	05/18/2023 02:31	BCJ
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0176	1	EPA 8082A Certifications:	05/16/2023 09:24 NELAC-NY10854,NJDEP,PADEP	05/18/2023 02:31	BCJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0176	1	EPA 8082A Certifications:	05/16/2023 09:24	05/18/2023 02:31	BCJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*42.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*31.0 %*	*30-140*

Herbicides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: C-7 **York Sample ID:** 23E0826-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 8:35 am	05/12/2023

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/kg dry	21.3	1	EPA 8151A	05/16/2023 08:44	05/19/2023 03:35	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	21.3	1	EPA 8151A	05/16/2023 08:44	05/19/2023 03:35	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
94-75-7	2,4-D	ND		ug/kg dry	21.3	1	EPA 8151A	05/16/2023 08:44	05/19/2023 03:35	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result		Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*12.2 %*	S-04, S-08	*21-150*

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	*** ETPH (Extractable Total Petroleum Hydrocarbons)**	**609**		mg/kg dry	205	5	CT DEP ETPH	05/16/2023 08:42	05/19/2023 12:54	GXB
							Certifications: CTDOH-PH-0723			

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*64.4 %*	*50-150*

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	*** Total EPH**	**182**		mg/kg dry	49.7	1	NJDEP EPH Rev 3.0	05/16/2023 08:47	05/16/2023 23:19	GXB
							Certifications: NJDEP			

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*83.3 %*	*31.6-128*
84-15-1	*Surrogate: o-Terphenyl*	*82.3 %*	*28.7-124*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**9350**		mg/kg dry	4.52	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:57	AJL
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	Antimony	ND		mg/kg dry	2.26	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:57	AJL
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**6.40**		mg/kg dry	1.36	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:57	AJL
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**56.3**		mg/kg dry	2.26	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:57	AJL
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	**Beryllium**	**0.047**		mg/kg dry	0.046	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:57	AJL
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: C-7 **York Sample ID:** 23E0826-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 8:35 am	05/12/2023

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	Cadmium	ND		mg/kg dry	0.271	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:57	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**27700**		mg/kg dry	4.52	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:57	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**20.2**		mg/kg dry	0.452	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:57	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**6.71**		mg/kg dry	0.361	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:57	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**26.8**		mg/kg dry	1.81	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:57	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**13400**		mg/kg dry	22.6	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:57	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**42.9**		mg/kg dry	0.452	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:57	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**5510**		mg/kg dry	4.52	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:57	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**264**		mg/kg dry	0.452	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:57	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**15.2**		mg/kg dry	0.900	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:57	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1130**		mg/kg dry	4.52	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:57	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.26	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:57	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.455	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:57	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**509**		mg/kg dry	45.2	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:57	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.26	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:57	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**27.0**		mg/kg dry	0.900	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:57	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**56.0**	M-CCV 1	mg/kg dry	2.25	1	EPA 6010D	05/17/2023 14:10	05/19/2023 10:57	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0911**		mg/kg dry	0.0325	1	EPA 7473	05/17/2023 14:10	05/17/2023 22:19	AGNR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: C-7 **York Sample ID:** 23E0826-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 8:35 am	05/12/2023

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	**Chromium, Hexavalent**	**0.954**		mg/kg dry	0.542	1	EPA 7196A	05/18/2023 14:11	05/18/2023 21:19	ZTS
							Certifications: NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.542	1	EPA 9014/9010C	05/18/2023 07:58	05/18/2023 12:41	SMK
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			

pH

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	**10.9**		pH units	0.500	1	EPA 9045D	05/15/2023 16:49	05/15/2023 21:57	SL
							Certifications: NELAC-NY10854,CTDOH-PH-0723,PADEP,NJDEP			

ORP (Oxidation-Reduction Potential)(Ag/AgCl)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	*** ORP (Oxidation-Reduction Potential) (Ag/AgCl)**	**86**		mV	-200	1	ASTM 1498-08 M	05/15/2023 16:52	05/15/2023 22:00	SL
							Certifications:			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**92.2**		%	0.100	1	SM 2540G	05/18/2023 09:34	05/18/2023 14:12	sgs
							Certifications: CTDOH-PH-0723			

SPLP Extraction for METALS EPA 1312

Log-in Notes:

Sample Notes: **EXT-Temp**

Sample Prepared by Method: EPA SW 846-1312 SPLP for Extr. for Metals

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	SPLP Extraction	Completed		N/A	1.00	1	EPA 1312	05/15/2023 12:31	05/16/2023 09:46	TAJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

SPLP Extraction for SVOC/PEST/HERB 1312

Log-in Notes:

Sample Notes: **EXT-Temp**

Sample Prepared by Method: EPA SW 846-1312 SPLP Extraction for BNA/Pest/Herb

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	SPLP Extraction	Completed		N/A	1.00	1	EPA 1312	05/15/2023 12:27	05/16/2023 09:42	TAJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: C-7 **York Sample ID:** 23E0826-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 8:35 am	05/12/2023

SPLP Extraction for VOA by EPA 1312 ZHE **Log-in Notes:** **Sample Notes:** EXT-Temp

Sample Prepared by Method: EPA SW 846-1312 ZHE for SPLP Volatiles

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	SPLP Extraction	Completed		N/A	1.00	1	EPA 1312	05/15/2023 12:23	05/16/2023 09:39	TAJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: C-8 **York Sample ID:** 23E0826-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 8:38 am	05/12/2023

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	05/16/2023 08:00	05/16/2023 11:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	05/16/2023 08:00	05/16/2023 11:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	05/16/2023 08:00	05/16/2023 11:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	05/16/2023 08:00	05/16/2023 11:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	05/16/2023 08:00	05/16/2023 11:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	05/16/2023 08:00	05/16/2023 11:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	05/16/2023 08:00	05/16/2023 11:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	05/16/2023 08:00	05/16/2023 11:32	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	05/16/2023 08:00	05/16/2023 11:32	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	05/16/2023 08:00	05/16/2023 11:32	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	05/16/2023 08:00	05/16/2023 11:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	05/16/2023 08:00	05/16/2023 11:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	05/16/2023 08:00	05/16/2023 11:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	05/16/2023 08:00	05/16/2023 11:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	05/16/2023 08:00	05/16/2023 11:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: C-8 **York Sample ID:** 23E0826-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 8:38 am	05/12/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	05/16/2023 08:00	05/16/2023 11:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	05/16/2023 08:00	05/16/2023 11:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	05/16/2023 08:00	05/16/2023 11:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	05/16/2023 08:00	05/16/2023 11:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		ug/kg dry	47	94	1	EPA 8260C Certifications:	05/16/2023 08:00	05/16/2023 11:32	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	05/16/2023 08:00	05/16/2023 11:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	05/16/2023 08:00	05/16/2023 11:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	05/16/2023 08:00	05/16/2023 11:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	**Acetone**	**36**	ICVE, QL-02	ug/kg dry	4.7	9.4	1	EPA 8260C Certifications:	05/16/2023 08:00	05/16/2023 11:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
107-02-8	Acrolein	ND		ug/kg dry	4.7	9.4	1	EPA 8260C Certifications:	05/16/2023 08:00	05/16/2023 11:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	05/16/2023 08:00	05/16/2023 11:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	05/16/2023 08:00	05/16/2023 11:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-97-5	Bromochloromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	05/16/2023 08:00	05/16/2023 11:32	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	05/16/2023 08:00	05/16/2023 11:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	05/16/2023 08:00	05/16/2023 11:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	05/16/2023 08:00	05/16/2023 11:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	05/16/2023 08:00	05/16/2023 11:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	05/16/2023 08:00	05/16/2023 11:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	05/16/2023 08:00	05/16/2023 11:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	05/16/2023 08:00	05/16/2023 11:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	05/16/2023 08:00	05/16/2023 11:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	05/16/2023 08:00	05/16/2023 11:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	05/16/2023 08:00	05/16/2023 11:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: C-8 **York Sample ID:** 23E0826-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 8:38 am	05/12/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	05/16/2023 08:00	05/16/2023 11:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
110-82-7	Cyclohexane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	05/16/2023 08:00	05/16/2023 11:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	05/16/2023 08:00	05/16/2023 11:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-95-3	Dibromomethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	05/16/2023 08:00	05/16/2023 11:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	05/16/2023 08:00	05/16/2023 11:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	05/16/2023 08:00	05/16/2023 11:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	05/16/2023 08:00	05/16/2023 11:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	05/16/2023 08:00	05/16/2023 11:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
79-20-9	Methyl acetate	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	05/16/2023 08:00	05/16/2023 11:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	05/16/2023 08:00	05/16/2023 11:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	05/16/2023 08:00	05/16/2023 11:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-09-2	Methylene chloride	ND		ug/kg dry	4.7	9.4	1	EPA 8260C Certifications:	05/16/2023 08:00	05/16/2023 11:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	05/16/2023 08:00	05/16/2023 11:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	05/16/2023 08:00	05/16/2023 11:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
95-47-6	o-Xylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	05/16/2023 08:00	05/16/2023 11:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	BMC
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.7	9.4	1	EPA 8260C Certifications:	05/16/2023 08:00	05/16/2023 11:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	BMC
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	05/16/2023 08:00	05/16/2023 11:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	05/16/2023 08:00	05/16/2023 11:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
100-42-5	Styrene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	05/16/2023 08:00	05/16/2023 11:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	05/16/2023 08:00	05/16/2023 11:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	05/16/2023 08:00	05/16/2023 11:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	05/16/2023 08:00	05/16/2023 11:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
108-88-3	Toluene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	05/16/2023 08:00	05/16/2023 11:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC

Sample Information

Client Sample ID: C-8 **York Sample ID:** 23E0826-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 8:38 am	05/12/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	05/16/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/16/2023 11:32	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	05/16/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/16/2023 11:32	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	05/16/2023 08:00 CTDOH-PH-0723	05/16/2023 11:32	BMC
79-01-6	Trichloroethylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	05/16/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/16/2023 11:32	BMC
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	05/16/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/16/2023 11:32	BMC
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	05/16/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/16/2023 11:32	BMC
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.1	14	1	EPA 8260C Certifications:	05/16/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	05/16/2023 11:32	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*108 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.1 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*95.4 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	05/16/2023 08:00	05/16/2023 11:32	BMC

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications:	05/16/2023 08:35 NELAC-NY10854,NJDEP,PADEP	05/17/2023 17:08	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	90.4	181	2	EPA 8270D Certifications:	05/16/2023 08:35 NELAC-NY10854,NJDEP,PADEP	05/17/2023 17:08	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 17:08	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications:	05/16/2023 08:35 NELAC-NY10854,PADEP	05/17/2023 17:08	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications:	05/16/2023 08:35 NELAC-NY10854,NJDEP,PADEP	05/17/2023 17:08	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications:	05/16/2023 08:35 NELAC-NY10854,PADEP	05/17/2023 17:08	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications:	05/16/2023 08:35 NELAC-NY10854,PADEP	05/17/2023 17:08	KH

Sample Information

Client Sample ID: C-8 **York Sample ID:** 23E0826-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 8:38 am	05/12/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	90.4	181	2	EPA 8270D Certifications:	05/16/2023 08:35 NELAC-NY10854,NJDEP,PADEP	05/17/2023 17:08	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 17:08	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 17:08	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 17:08	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 17:08	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	90.4	181	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 17:08	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 17:08	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 17:08	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 17:08	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 17:08	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 17:08	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 17:08	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	90.4	181	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 17:08	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 17:08	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 17:08	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications:	05/16/2023 08:35 NELAC-NY10854,NJDEP,PADEP	05/17/2023 17:08	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	90.4	181	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 17:08	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	90.4	181	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 17:08	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 17:08	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 17:08	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 17:08	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 17:08	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	90.4	181	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 17:08	KH

Sample Information

Client Sample ID: C-8 **York Sample ID:** 23E0826-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 8:38 am	05/12/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		ug/kg dry	90.4	181	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 17:08	KH
83-32-9	Acenaphthene	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 17:08	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 17:08	KH
98-86-2	Acetophenone	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications:	05/16/2023 08:35 NELAC-NY10854,NJDEP,PADEP	05/17/2023 17:08	KH
62-53-3	Aniline	ND		ug/kg dry	181	362	2	EPA 8270D Certifications:	05/16/2023 08:35 NELAC-NY10854,NJDEP,PADEP	05/17/2023 17:08	KH
120-12-7	**Anthracene**	**121**		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 17:08	KH
1912-24-9	Atrazine	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications:	05/16/2023 08:35 NELAC-NY10854,NJDEP,PADEP	05/17/2023 17:08	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications:	05/16/2023 08:35 NELAC-NY10854,NJDEP,PADEP	05/17/2023 17:08	KH
92-87-5	Benzidine	ND		ug/kg dry	181	362	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,PADEP	05/17/2023 17:08	KH
56-55-3	**Benzo(a)anthracene**	**252**		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 17:08	KH
50-32-8	**Benzo(a)pyrene**	**198**		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 17:08	KH
205-99-2	**Benzo(b)fluoranthene**	**211**		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 17:08	KH
191-24-2	**Benzo(g,h,i)perylene**	**91.0**		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 17:08	KH
207-08-9	**Benzo(k)fluoranthene**	**146**		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 17:08	KH
65-85-0	Benzoic acid	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications:	05/16/2023 08:35 NELAC-NY10854,NJDEP,PADEP	05/17/2023 17:08	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications:	05/16/2023 08:35 NELAC-NY10854,NJDEP,PADEP	05/17/2023 17:08	KH
85-68-7	**Benzyl butyl phthalate**	**1180**		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 17:08	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 17:08	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 17:08	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 17:08	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 17:08	KH
105-60-2	Caprolactam	ND		ug/kg dry	90.4	181	2	EPA 8270D Certifications:	05/16/2023 08:35 NELAC-NY10854,NJDEP,PADEP	05/17/2023 17:08	KH
86-74-8	Carbazole	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 17:08	KH

Sample Information

Client Sample ID: C-8 **York Sample ID:** 23E0826-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 8:38 am	05/12/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
218-01-9	**Chrysene**	**238**		ug/kg dry	45.3	90.4	2	EPA 8270D	05/16/2023 08:35	05/17/2023 17:08	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	45.3	90.4	2	EPA 8270D	05/16/2023 08:35	05/17/2023 17:08	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/kg dry	45.3	90.4	2	EPA 8270D	05/16/2023 08:35	05/17/2023 17:08	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/kg dry	45.3	90.4	2	EPA 8270D	05/16/2023 08:35	05/17/2023 17:08	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/kg dry	45.3	90.4	2	EPA 8270D	05/16/2023 08:35	05/17/2023 17:08	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	45.3	90.4	2	EPA 8270D	05/16/2023 08:35	05/17/2023 17:08	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	45.3	90.4	2	EPA 8270D	05/16/2023 08:35	05/17/2023 17:08	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
122-39-4	* Diphenylamine	ND		ug/kg dry	90.4	181	2	EPA 8270D	05/16/2023 08:35	05/17/2023 17:08	KH
								Certifications:			
206-44-0	**Fluoranthene**	**431**		ug/kg dry	45.3	90.4	2	EPA 8270D	05/16/2023 08:35	05/17/2023 17:08	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**69.4**	J	ug/kg dry	45.3	90.4	2	EPA 8270D	05/16/2023 08:35	05/17/2023 17:08	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		ug/kg dry	45.3	90.4	2	EPA 8270D	05/16/2023 08:35	05/17/2023 17:08	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	45.3	90.4	2	EPA 8270D	05/16/2023 08:35	05/17/2023 17:08	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	45.3	90.4	2	EPA 8270D	05/16/2023 08:35	05/17/2023 17:08	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		ug/kg dry	45.3	90.4	2	EPA 8270D	05/16/2023 08:35	05/17/2023 17:08	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**105**		ug/kg dry	45.3	90.4	2	EPA 8270D	05/16/2023 08:35	05/17/2023 17:08	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/kg dry	45.3	90.4	2	EPA 8270D	05/16/2023 08:35	05/17/2023 17:08	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		ug/kg dry	45.3	90.4	2	EPA 8270D	05/16/2023 08:35	05/17/2023 17:08	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		ug/kg dry	45.3	90.4	2	EPA 8270D	05/16/2023 08:35	05/17/2023 17:08	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	45.3	90.4	2	EPA 8270D	05/16/2023 08:35	05/17/2023 17:08	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	45.3	90.4	2	EPA 8270D	05/16/2023 08:35	05/17/2023 17:08	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	45.3	90.4	2	EPA 8270D	05/16/2023 08:35	05/17/2023 17:08	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		ug/kg dry	45.3	90.4	2	EPA 8270D	05/16/2023 08:35	05/17/2023 17:08	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**373**		ug/kg dry	45.3	90.4	2	EPA 8270D	05/16/2023 08:35	05/17/2023 17:08	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: C-8 **York Sample ID:** 23E0826-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 8:38 am	05/12/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 17:08	KH
129-00-0	**Pyrene**	**538**		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications:	05/16/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 17:08	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*10.2 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*30.3 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*36.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*34.2 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*1.56 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*41.8 %*	*24-116*

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**Octadecadienoic Acid Isomer...**	**1930**	J	ug/kg dry			2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 17:08	KH
NA	**Octadecenoic Acid Isomer RT...**	**1500**	J	ug/kg dry			2	EPA 8270D Certifications:	05/16/2023 08:35	05/17/2023 17:08	KH

Pesticides, NJDEP/TCL List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.78	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 06:17	BCJ
72-55-9	4,4'-DDE	ND		ug/kg dry	1.78	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 06:17	BCJ
50-29-3	4,4'-DDT	ND		ug/kg dry	1.78	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 06:17	BCJ
309-00-2	**Aldrin**	**3.22**		ug/kg dry	1.78	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 06:17	BCJ
319-84-6	alpha-BHC	ND		ug/kg dry	1.78	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 06:17	BCJ
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.78	5	EPA 8081B Certifications:	05/16/2023 09:24 NELAC-NY10854,NJDEP	05/18/2023 06:17	BCJ
319-85-7	beta-BHC	ND		ug/kg dry	1.78	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 06:17	BCJ
57-74-9	Chlordane, total	ND		ug/kg dry	3.56	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 06:17	BCJ

Sample Information

Client Sample ID: C-8 **York Sample ID:** 23E0826-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 8:38 am	05/12/2023

Pesticides, NJDEP/TCL List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-86-8	delta-BHC	ND		ug/kg dry	1.78	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 06:17	BCJ
60-57-1	Dieldrin	ND		ug/kg dry	1.78	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 06:17	BCJ
959-98-8	Endosulfan I	ND		ug/kg dry	1.78	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 06:17	BCJ
33213-65-9	Endosulfan II	ND		ug/kg dry	1.78	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854	05/18/2023 06:17	BCJ
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.78	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 06:17	BCJ
72-20-8	Endrin	ND		ug/kg dry	1.78	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 06:17	BCJ
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.78	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 06:17	BCJ
53494-70-5	Endrin ketone	ND		ug/kg dry	1.78	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 06:17	BCJ
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.78	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 06:17	BCJ
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.78	5	EPA 8081B Certifications:	05/16/2023 09:24 NELAC-NY10854,NJDEP	05/18/2023 06:17	BCJ
76-44-8	Heptachlor	ND		ug/kg dry	1.78	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 06:17	BCJ
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.78	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 06:17	BCJ
72-43-5	Methoxychlor	ND		ug/kg dry	8.91	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 06:17	BCJ
8001-35-2	Toxaphene	ND		ug/kg dry	90.2	5	EPA 8081B Certifications:	05/16/2023 09:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/18/2023 06:17	BCJ
57-74-9	* Chlordane, total (alpha, gamma)	ND		ug/kg dry	1.78	5	EPA 8081B Certifications:	05/16/2023 09:24	05/18/2023 06:17	BCJ

	Surrogate Recoveries	Result		Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*27.3 %*	S-08, S-GC	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*42.4 %*		*30-140*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications:	05/16/2023 09:24 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	05/18/2023 02:44	BCJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications:	05/16/2023 09:24 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	05/18/2023 02:44	BCJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications:	05/16/2023 09:24 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	05/18/2023 02:44	BCJ

Sample Information

Client Sample ID: C-8 **York Sample ID:** 23E0826-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 8:38 am	05/12/2023

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications:	05/16/2023 09:24 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	05/18/2023 02:44	BCJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications:	05/16/2023 09:24 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	05/18/2023 02:44	BCJ
11097-69-1	Aroclor 1254	ND	PCB-I	mg/kg dry	0.0180	1	EPA 8082A Certifications:	05/16/2023 09:24 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	05/18/2023 02:44	BCJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications:	05/16/2023 09:24 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	05/18/2023 02:44	BCJ
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications:	05/16/2023 09:24 NELAC-NY10854,NJDEP,PADEP	05/18/2023 02:44	BCJ
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications:	05/16/2023 09:24 NELAC-NY10854,NJDEP,PADEP	05/18/2023 02:44	BCJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications:	05/16/2023 09:24	05/18/2023 02:44	BCJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*45.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*34.0 %*	*30-140*

Herbicides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/kg dry	21.5	1	EPA 8151A Certifications:	05/16/2023 08:44 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/19/2023 13:30	BCJ
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	21.5	1	EPA 8151A Certifications:	05/16/2023 08:44 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/19/2023 13:30	BCJ
94-75-7	2,4-D	ND		ug/kg dry	21.5	1	EPA 8151A Certifications:	05/16/2023 08:44 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/19/2023 13:30	BCJ

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*38.4 %*	*21-150*

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	*** ETPH (Extractable Total Petroleum Hydrocarbons)**	**238**		mg/kg dry	215	5	CT DEP ETPH Certifications:	05/19/2023 11:52 CTDOH-PH-0723	05/19/2023 18:02	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*88.8 %*	*50-150*

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: C-8 **York Sample ID:** 23E0826-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 8:38 am	05/12/2023

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	*** Total EPH**	**206**		mg/kg dry	53.8	1	NJDEP EPH Rev 3.0 Certifications: NJDEP	05/16/2023 08:47	05/16/2023 23:48	GXB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*89.6 %*	*31.6-128*
84-15-1	*Surrogate: o-Terphenyl*	*85.1 %*	*28.7-124*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**10800**		mg/kg dry	4.53	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 14:10	05/19/2023 11:34	AJL
7440-36-0	Antimony	ND		mg/kg dry	2.27	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 14:10	05/19/2023 11:34	AJL
7440-38-2	**Arsenic**	**6.66**		mg/kg dry	1.36	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 14:10	05/19/2023 11:34	AJL
7440-39-3	**Barium**	**64.5**		mg/kg dry	2.26	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 14:10	05/19/2023 11:34	AJL
7440-41-7	Beryllium	ND		mg/kg dry	0.046	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 14:10	05/19/2023 11:34	AJL
7440-43-9	Cadmium	ND		mg/kg dry	0.272	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 14:10	05/19/2023 11:34	AJL
7440-70-2	**Calcium**	**27600**		mg/kg dry	4.53	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 14:10	05/19/2023 11:34	AJL
7440-47-3	**Chromium**	**26.4**		mg/kg dry	0.453	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 14:10	05/19/2023 11:34	AJL
7440-48-4	**Cobalt**	**7.40**		mg/kg dry	0.362	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 14:10	05/19/2023 11:34	AJL
7440-50-8	**Copper**	**25.4**		mg/kg dry	1.81	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 14:10	05/19/2023 11:34	AJL
7439-89-6	**Iron**	**16700**		mg/kg dry	22.7	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 14:10	05/19/2023 11:34	AJL
7439-92-1	**Lead**	**49.0**		mg/kg dry	0.453	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 14:10	05/19/2023 11:34	AJL
7439-95-4	**Magnesium**	**5250**		mg/kg dry	4.53	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 14:10	05/19/2023 11:34	AJL
7439-96-5	**Manganese**	**274**		mg/kg dry	0.453	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 14:10	05/19/2023 11:34	AJL
7440-02-0	**Nickel**	**19.7**	M-CCV 1	mg/kg dry	0.903	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 14:10	05/19/2023 11:34	AJL
7440-09-7	**Potassium**	**1130**		mg/kg dry	4.53	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 14:10	05/19/2023 11:34	AJL
7782-49-2	Selenium	ND		mg/kg dry	2.27	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/17/2023 14:10	05/19/2023 11:34	AJL

Sample Information

Client Sample ID: C-8 **York Sample ID:** 23E0826-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 8:38 am	05/12/2023

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.457	1	EPA 6010D	05/17/2023 14:10	05/19/2023 11:34	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**545**		mg/kg dry	45.3	1	EPA 6010D	05/17/2023 14:10	05/19/2023 11:34	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.27	1	EPA 6010D	05/17/2023 14:10	05/19/2023 11:34	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**29.6**		mg/kg dry	0.903	1	EPA 6010D	05/17/2023 14:10	05/19/2023 11:34	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**58.2**	M-CCV 1	mg/kg dry	2.26	1	EPA 6010D	05/17/2023 14:10	05/19/2023 11:34	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0884**		mg/kg dry	0.0326	1	EPA 7473	05/17/2023 14:10	05/17/2023 22:19	AGNR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	**Chromium, Hexavalent**	**1.09**		mg/kg dry	0.544	1	EPA 7196A	05/18/2023 14:11	05/18/2023 21:19	ZTS
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.544	1	EPA 9014/9010C	05/18/2023 07:58	05/18/2023 12:41	SMK
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

pH

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	**11.1**		pH units	0.500	1	EPA 9045D	05/15/2023 16:49	05/15/2023 21:57	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,PADEP,NJDEP		

ORP (Oxidation-Reduction Potential)(Ag/AgCl)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: C-8 **York Sample ID:** 23E0826-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0826	Durante Bros	Soil	May 12, 2023 8:38 am	05/12/2023

ORP (Oxidation-Reduction Potential)(Ag/AgCl)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	*** ORP (Oxidation-Reduction Potential) (Ag/AgCl)**	**82**		mV	-200	1	ASTM 1498-08 M Certifications:	05/15/2023 16:52	05/15/2023 22:00	SL

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**92.0**		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	05/18/2023 09:34	05/18/2023 14:12	sgs

SPLP Extraction for METALS EPA 1312

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1312 SPLP for Extr. for Metals

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	SPLP Extraction	Completed		N/A	1.00	1	EPA 1312 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/15/2023 12:31	05/16/2023 09:46	TAJ

SPLP Extraction for SVOC/PEST/HERB 1312

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1312 SPLP Extraction for BNA/Pest/Herb

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	SPLP Extraction	Completed		N/A	1.00	1	EPA 1312 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/15/2023 12:27	05/16/2023 09:42	TAJ

SPLP Extraction for VOA by EPA 1312 ZHE

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1312 ZHE for SPLP Volatiles

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	SPLP Extraction	Completed		N/A	1.00	1	EPA 1312 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/15/2023 12:23	05/16/2023 09:39	TAJ

Analytical Batch Summary

Batch ID: BE30977 **Preparation Method:** EPA SW 846-1312 ZHE for SPLP Vol **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
23E0826-01	C-1	05/15/23
23E0826-02	C-2	05/15/23
23E0826-03	C-3	05/15/23
23E0826-04	C-4	05/15/23
23E0826-05	C-5	05/15/23
23E0826-06	C-6	05/15/23
23E0826-07	C-7	05/15/23
23E0826-08	C-8	05/15/23
BE30977-BLK1	Blank	05/15/23

Batch ID: BE30979 **Preparation Method:** EPA SW 846-1312 SPLP Extraction fc **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
23E0826-01	C-1	05/15/23
23E0826-02	C-2	05/15/23
23E0826-03	C-3	05/15/23
23E0826-04	C-4	05/15/23
23E0826-05	C-5	05/15/23
23E0826-06	C-6	05/15/23
23E0826-07	C-7	05/15/23
23E0826-08	C-8	05/15/23
BE30979-BLK1	Blank	05/15/23

Batch ID: BE30980 **Preparation Method:** EPA SW 846-1312 SPLP for Extr. for **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
23E0826-01	C-1	05/15/23
23E0826-02	C-2	05/15/23
23E0826-03	C-3	05/15/23
23E0826-04	C-4	05/15/23
23E0826-05	C-5	05/15/23
23E0826-06	C-6	05/15/23
23E0826-07	C-7	05/15/23
23E0826-08	C-8	05/15/23
BE30980-BLK1	Blank	05/15/23

Batch ID: BE31002 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
23E0826-01	C-1	05/15/23
23E0826-02	C-2	05/15/23
23E0826-03	C-3	05/15/23
23E0826-04	C-4	05/15/23
23E0826-05	C-5	05/15/23

23E0826-06	C-6	05/15/23
23E0826-07	C-7	05/15/23
BE31002-BLK1	Blank	05/15/23
BE31002-BS1	LCS	05/15/23
BE31002-BSD1	LCS Dup	05/15/23

Batch ID: BE31004 **Preparation Method:** EPA 5035A **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
23E0826-08	C-8	05/16/23
BE31004-BLK1	Blank	05/16/23
BE31004-BS1	LCS	05/16/23
BE31004-BSD1	LCS Dup	05/16/23
BE31004-MS1	Matrix Spike	05/16/23
BE31004-MSD1	Matrix Spike Dup	05/16/23

Batch ID: BE31039 **Preparation Method:** Analysis Preparation **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
23E0826-01	C-1	05/15/23
23E0826-02	C-2	05/15/23
23E0826-03	C-3	05/15/23
23E0826-04	C-4	05/15/23
23E0826-05	C-5	05/15/23
23E0826-06	C-6	05/15/23
23E0826-07	C-7	05/15/23
23E0826-08	C-8	05/15/23
BE31039-DUP1	Duplicate	05/15/23

Batch ID: BE31040 **Preparation Method:** Analysis Preparation **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
23E0826-01	C-1	05/15/23
23E0826-02	C-2	05/15/23
23E0826-03	C-3	05/15/23
23E0826-04	C-4	05/15/23
23E0826-05	C-5	05/15/23
23E0826-06	C-6	05/15/23
23E0826-07	C-7	05/15/23
23E0826-08	C-8	05/15/23
BE31040-DUP1	Duplicate	05/15/23

Batch ID: BE31068 **Preparation Method:** EPA 3550C **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
23E0826-01	C-1	05/16/23
23E0826-01	C-1	05/16/23
23E0826-02	C-2	05/16/23
23E0826-02	C-2	05/16/23

23E0826-03	C-3	05/16/23
23E0826-03	C-3	05/16/23
23E0826-04	C-4	05/16/23
23E0826-04	C-4	05/16/23
23E0826-05	C-5	05/16/23
23E0826-05	C-5	05/16/23
23E0826-06	C-6	05/16/23
23E0826-06	C-6	05/16/23
23E0826-07	C-7	05/16/23
23E0826-07	C-7	05/16/23
23E0826-08	C-8	05/16/23
23E0826-08	C-8	05/16/23
BE31068-BLK1	Blank	05/16/23
BE31068-BLK1	Blank	05/16/23
BE31068-BS1	LCS	05/16/23
BE31068-MS1	Matrix Spike	05/16/23
BE31068-MSD1	Matrix Spike Dup	05/16/23

Batch ID: BE31071 **Preparation Method:** EPA 3546 ETPH **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
23E0826-03	C-3	05/16/23
23E0826-04	C-4	05/16/23
23E0826-07	C-7	05/16/23
BE31071-BLK1	Blank	05/16/23
BE31071-BS1	LCS	05/16/23

Batch ID: BE31072 **Preparation Method:** EPA 3550C/8151A **Prepared By:** agg

YORK Sample ID	Client Sample ID	Preparation Date
23E0826-01	C-1	05/16/23
23E0826-02	C-2	05/16/23
23E0826-03	C-3	05/16/23
23E0826-04	C-4	05/16/23
23E0826-05	C-5	05/16/23
23E0826-06	C-6	05/16/23
23E0826-07	C-7	05/16/23
23E0826-08	C-8	05/16/23
BE31072-BLK1	Blank	05/16/23
BE31072-BS1	LCS	05/16/23
BE31072-MS1	Matrix Spike	05/16/23
BE31072-MSD1	Matrix Spike Dup	05/16/23

Batch ID: BE31074 **Preparation Method:** EPA 3545A **Prepared By:** agg

YORK Sample ID	Client Sample ID	Preparation Date
23E0826-01	C-1	05/16/23
23E0826-02	C-2	05/16/23
23E0826-03	C-3	05/16/23
23E0826-04	C-4	05/16/23

23E0826-05	C-5	05/16/23
23E0826-06	C-6	05/16/23
23E0826-07	C-7	05/16/23
23E0826-08	C-8	05/16/23
BE31074-BLK1	Blank	05/16/23
BE31074-BS1	LCS	05/16/23
BE31074-BSD1	LCS Dup	05/16/23
BE31074-DUP1	Duplicate	05/16/23
BE31074-MS1	Matrix Spike	05/16/23

Batch ID: BE31079 **Preparation Method:** EPA 3550C **Prepared By:** kaz

YORK Sample ID	Client Sample ID	Preparation Date
23E0826-01	C-1	05/16/23
23E0826-01	C-1	05/16/23
23E0826-02	C-2	05/16/23
23E0826-02	C-2	05/16/23
23E0826-03	C-3	05/16/23
23E0826-03	C-3	05/16/23
23E0826-04	C-4	05/16/23
23E0826-04	C-4	05/16/23
23E0826-05	C-5	05/16/23
23E0826-05	C-5	05/16/23
23E0826-06	C-6	05/16/23
23E0826-06	C-6	05/16/23
23E0826-07	C-7	05/16/23
23E0826-07	C-7	05/16/23
23E0826-08	C-8	05/16/23
23E0826-08	C-8	05/16/23
BE31079-BLK1	Blank	05/16/23
BE31079-BLK2	Blank	05/16/23
BE31079-BS1	LCS	05/16/23
BE31079-BS2	LCS	05/16/23
BE31079-MS1	Matrix Spike	05/16/23
BE31079-MS2	Matrix Spike	05/16/23
BE31079-MSD1	Matrix Spike Dup	05/16/23
BE31079-MSD2	Matrix Spike Dup	05/16/23

Batch ID: BE31197 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
23E0826-01	C-1	05/17/23
23E0826-02	C-2	05/17/23
23E0826-03	C-3	05/17/23
23E0826-04	C-4	05/17/23
23E0826-05	C-5	05/17/23
23E0826-06	C-6	05/17/23
23E0826-07	C-7	05/17/23
23E0826-08	C-8	05/17/23
BE31197-BLK1	Blank	05/17/23
BE31197-DUP1	Duplicate	05/17/23

BE31197-MS1	Matrix Spike	05/17/23
BE31197-PS1	Post Spike	05/17/23
BE31197-SRM1	Reference	05/17/23

Batch ID: BE31198 **Preparation Method:** EPA 7473 soil **Prepared By:** AGNR

YORK Sample ID	Client Sample ID	Preparation Date
23E0826-01	C-1	05/17/23
23E0826-02	C-2	05/17/23
23E0826-03	C-3	05/17/23
23E0826-04	C-4	05/17/23
23E0826-05	C-5	05/17/23
23E0826-06	C-6	05/17/23
23E0826-07	C-7	05/17/23
23E0826-08	C-8	05/17/23
BE31198-BLK1	Blank	05/17/23
BE31198-DUP1	Duplicate	05/17/23
BE31198-MS1	Matrix Spike	05/17/23
BE31198-SRM1	Reference	05/17/23

Batch ID: BE31205 **Preparation Method:** Analysis Preparation Soil **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
23E0826-01	C-1	05/17/23
23E0826-02	C-2	05/17/23
23E0826-03	C-3	05/17/23
23E0826-04	C-4	05/17/23
23E0826-05	C-5	05/17/23
BE31205-BLK1	Blank	05/17/23
BE31205-DUP1	Duplicate	05/17/23
BE31205-MS1	Matrix Spike	05/17/23
BE31205-MSD1	Matrix Spike Dup	05/17/23
BE31205-SRM1	Reference	05/17/23

Batch ID: BE31244 **Preparation Method:** Analysis Preparation Soil **Prepared By:** SMK

YORK Sample ID	Client Sample ID	Preparation Date
23E0826-06	C-6	05/18/23
23E0826-07	C-7	05/18/23
23E0826-08	C-8	05/18/23
BE31244-BLK1	Blank	05/18/23
BE31244-DUP1	Duplicate	05/18/23
BE31244-MS1	Matrix Spike	05/18/23
BE31244-MSD1	Matrix Spike Dup	05/18/23
BE31244-SRM1	Reference	05/18/23

Batch ID: BE31264 **Preparation Method:** % Solids Prep **Prepared By:** sgs

YORK Sample ID	Client Sample ID	Preparation Date

23E0826-01	C-1	05/18/23
23E0826-02	C-2	05/18/23
23E0826-03	C-3	05/18/23
23E0826-04	C-4	05/18/23
23E0826-05	C-5	05/18/23
23E0826-06	C-6	05/18/23
23E0826-07	C-7	05/18/23
23E0826-08	C-8	05/18/23
BE31264-DUP1	Duplicate	05/18/23

Batch ID: BE31300 **Preparation Method:** EPA SW846-3060 **Prepared By:** ZTS

YORK Sample ID	Client Sample ID	Preparation Date
23E0826-01	C-1	05/18/23
23E0826-02	C-2	05/18/23
23E0826-03	C-3	05/18/23
23E0826-04	C-4	05/18/23
23E0826-05	C-5	05/18/23
23E0826-06	C-6	05/18/23
23E0826-07	C-7	05/18/23
23E0826-08	C-8	05/18/23
BE31300-BLK1	Blank	05/18/23
BE31300-DUP1	Duplicate	05/18/23
BE31300-MS1	Matrix Spike	05/18/23
BE31300-MSD1	Matrix Spike Dup	05/18/23
BE31300-SRM1	Reference	05/18/23

Batch ID: BE31330 **Preparation Method:** EPA 3546 ETPH **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
23E0826-01	C-1	05/19/23
23E0826-02	C-2	05/19/23
23E0826-05	C-5	05/19/23
23E0826-06	C-6	05/19/23
23E0826-08	C-8	05/19/23
BE31330-BLK1	Blank	05/19/23
BE31330-BS1	LCS	05/19/23

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE31002 - EPA 5035A											
Blank (BE31002-BLK1)											Prepared & Analyzed: 05/15/2023
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
Tentatively Identified Compounds	0.0		"								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2-Butanone	ND	5.0	"								
2-Hexanone	ND	5.0	"								
4-Methyl-2-pentanone	ND	5.0	"								
Acetone	ND	10	"								
Acrolein	ND	10	"								
Acrylonitrile	ND	5.0	"								
Benzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon disulfide	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Cyclohexane	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl acetate	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE31002 - EPA 5035A											
Blank (BE31002-BLK1)								Prepared & Analyzed: 05/15/2023			
Methylcyclohexane	ND	5.0	ug/kg wet								
Methylene chloride	ND	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butyl alcohol (TBA)	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
trans-1,4-dichloro-2-butene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.1*		*ug/L*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.4*		*"*	*50.0*		*96.8*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*46.8*		*"*	*50.0*		*93.7*	*76-130*				
LCS (BE31002-BS1)								Prepared & Analyzed: 05/15/2023			
1,1,1,2-Tetrachloroethane	55		ug/L	50.0		110	75-129				
1,1,1-Trichloroethane	55		"	50.0		110	71-137				
1,1,2,2-Tetrachloroethane	49		"	50.0		97.5	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	55		"	50.0		109	58-146				
1,1,2-Trichloroethane	49		"	50.0		97.5	83-123				
1,1-Dichloroethane	54		"	50.0		108	75-130				
1,1-Dichloroethylene	54		"	50.0		108	64-137				
1,2,3-Trichlorobenzene	48		"	50.0		95.8	81-140				
1,2,3-Trichloropropane	47		"	50.0		94.7	81-126				
1,2,4-Trichlorobenzene	50		"	50.0		100	80-141				
1,2,4-Trimethylbenzene	50		"	50.0		101	84-125				
1,2-Dibromo-3-chloropropane	48		"	50.0		95.3	74-142				
1,2-Dibromoethane	53		"	50.0		106	86-123				
1,2-Dichlorobenzene	48		"	50.0		96.6	85-122				
1,2-Dichloroethane	54		"	50.0		109	71-133				
1,2-Dichloropropane	52		"	50.0		105	81-122				
1,3,5-Trimethylbenzene	50		"	50.0		100	82-126				
1,3-Dichlorobenzene	50		"	50.0		101	84-124				
1,4-Dichlorobenzene	49		"	50.0		97.4	84-124				
1,4-Dioxane	1100		"	1050		104	10-228				
2-Butanone	55		"	50.0		110	58-147				
2-Hexanone	50		"	50.0		101	70-139				
4-Methyl-2-pentanone	49		"	50.0		97.9	72-132				
Acetone	150		"	50.0		297	36-155	High Bias			
Acrolein	39		"	50.0		79.0	10-238				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE31002 - EPA 5035A											
LCS (BE31002-BS1)								Prepared & Analyzed: 05/15/2023			
Acrylonitrile	46		ug/L	50.0		92.9	66-141				
Benzene	54		"	50.0		108	77-127				
Bromochloromethane	49		"	50.0		99.0	74-129				
Bromodichloromethane	54		"	50.0		107	81-124				
Bromoform	52		"	50.0		104	80-136				
Bromomethane	54		"	50.0		108	32-177				
Carbon disulfide	63		"	50.0		126	10-136				
Carbon tetrachloride	58		"	50.0		116	66-143				
Chlorobenzene	54		"	50.0		108	86-120				
Chloroethane	56		"	50.0		111	51-142				
Chloroform	54		"	50.0		108	76-131				
Chloromethane	44		"	50.0		88.9	49-132				
cis-1,2-Dichloroethylene	54		"	50.0		109	74-132				
cis-1,3-Dichloropropylene	55		"	50.0		110	81-129				
Cyclohexane	50		"	50.0		99.3	70-130				
Dibromochloromethane	56		"	50.0		111	10-200				
Dibromomethane	50		"	50.0		99.6	83-124				
Dichlorodifluoromethane	34		"	50.0		68.2	28-158				
Ethyl Benzene	54		"	50.0		107	84-125				
Hexachlorobutadiene	50		"	50.0		99.4	83-133				
Isopropylbenzene	51		"	50.0		102	81-127				
Methyl acetate	45		"	50.0		90.9	41-143				
Methyl tert-butyl ether (MTBE)	53		"	50.0		105	74-131				
Methylcyclohexane	50		"	50.0		101	70-130				
Methylene chloride	53		"	50.0		105	57-141				
n-Butylbenzene	49		"	50.0		97.3	80-130				
n-Propylbenzene	49		"	50.0		98.9	74-136				
o-Xylene	54		"	50.0		108	83-123				
p- & m- Xylenes	110		"	100		105	82-128				
p-Isopropyltoluene	50		"	50.0		100	85-125				
sec-Butylbenzene	50		"	50.0		99.9	83-125				
Styrene	53		"	50.0		107	86-126				
tert-Butyl alcohol (TBA)	230		"	250		93.4	70-130				
tert-Butylbenzene	51		"	50.0		101	80-127				
Tetrachloroethylene	46		"	50.0		92.3	80-129				
Toluene	52		"	50.0		104	85-121				
trans-1,2-Dichloroethylene	53		"	50.0		107	72-132				
trans-1,3-Dichloropropylene	56		"	50.0		111	78-132				
trans-1,4-dichloro-2-butene	50		"	50.0		99.4	75-135				
Trichloroethylene	54		"	50.0		107	84-123				
Trichlorofluoromethane	50		"	50.0		99.1	62-140				
Vinyl Chloride	50		"	50.0		99.3	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.5*		*"*	*50.0*		*98.9*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.3*		*"*	*50.0*		*98.6*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.1*		*"*	*50.0*		*98.3*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE31002 - EPA 5035A											
LCS Dup (BE31002-BSD1)								Prepared & Analyzed: 05/15/2023			
1,1,1,2-Tetrachloroethane	53		ug/L	50.0		107	75-129		2.83	30	
1,1,1-Trichloroethane	54		"	50.0		109	71-137		1.46	30	
1,1,2,2-Tetrachloroethane	52		"	50.0		105	79-129		6.93	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	53		"	50.0		107	58-146		2.52	30	
1,1,2-Trichloroethane	51		"	50.0		102	83-123		4.22	30	
1,1-Dichloroethane	53		"	50.0		106	75-130		1.76	30	
1,1-Dichloroethylene	54		"	50.0		108	64-137		0.185	30	
1,2,3-Trichlorobenzene	50		"	50.0		99.0	81-140		3.33	30	
1,2,3-Trichloropropane	50		"	50.0		99.6	81-126		5.00	30	
1,2,4-Trichlorobenzene	51		"	50.0		102	80-141		1.49	30	
1,2,4-Trimethylbenzene	50		"	50.0		101	84-125		0.397	30	
1,2-Dibromo-3-chloropropane	53		"	50.0		106	74-142		10.2	30	
1,2-Dibromoethane	54		"	50.0		108	86-123		1.42	30	
1,2-Dichlorobenzene	49		"	50.0		98.7	85-122		2.17	30	
1,2-Dichloroethane	54		"	50.0		108	71-133		0.479	30	
1,2-Dichloropropane	52		"	50.0		103	81-122		1.48	30	
1,3,5-Trimethylbenzene	49		"	50.0		98.8	82-126		1.61	30	
1,3-Dichlorobenzene	50		"	50.0		99.7	84-124		0.799	30	
1,4-Dichlorobenzene	49		"	50.0		98.5	84-124		1.08	30	
1,4-Dioxane	1200		"	1050		117	10-228		11.2	30	
2-Butanone	48		"	50.0		96.8	58-147		12.4	30	
2-Hexanone	55		"	50.0		110	70-139		9.02	30	
4-Methyl-2-pentanone	55		"	50.0		109	72-132		11.1	30	
Acetone	170		"	50.0		337	36-155	High Bias	12.4	30	
Acrolein	43		"	50.0		85.3	10-238		7.74	30	
Acrylonitrile	53		"	50.0		106	66-141		13.6	30	
Benzene	53		"	50.0		107	77-127		1.43	30	
Bromochloromethane	50		"	50.0		100	74-129		1.05	30	
Bromodichloromethane	53		"	50.0		105	81-124		1.86	30	
Bromoform	53		"	50.0		106	80-136		1.91	30	
Bromomethane	55		"	50.0		110	32-177		1.30	30	
Carbon disulfide	64		"	50.0		128	10-136		1.66	30	
Carbon tetrachloride	57		"	50.0		115	66-143		1.06	30	
Chlorobenzene	54		"	50.0		107	86-120		1.13	30	
Chloroethane	52		"	50.0		104	51-142		6.43	30	
Chloroform	54		"	50.0		108	76-131		0.407	30	
Chloromethane	43		"	50.0		87.0	49-132		2.16	30	
cis-1,2-Dichloroethylene	55		"	50.0		109	74-132		0.421	30	
cis-1,3-Dichloropropylene	54		"	50.0		108	81-129		1.80	30	
Cyclohexane	50		"	50.0		99.0	70-130		0.302	30	
Dibromochloromethane	55		"	50.0		111	10-200		0.811	30	
Dibromomethane	50		"	50.0		101	83-124		1.28	30	
Dichlorodifluoromethane	34		"	50.0		67.6	28-158		0.942	30	
Ethyl Benzene	52		"	50.0		104	84-125		2.88	30	
Hexachlorobutadiene	49		"	50.0		98.1	83-133		1.34	30	
Isopropylbenzene	51		"	50.0		101	81-127		0.866	30	
Methyl acetate	51		"	50.0		101	41-143		10.8	30	
Methyl tert-butyl ether (MTBE)	53		"	50.0		107	74-131		1.70	30	
Methylcyclohexane	50		"	50.0		100	70-130		0.398	30	
Methylene chloride	53		"	50.0		106	57-141		1.08	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE31002 - EPA 5035A											
LCS Dup (BE31002-BSD1)								Prepared & Analyzed: 05/15/2023			
n-Butylbenzene	49		ug/L	50.0		97.5	80-130		0.205	30	
n-Propylbenzene	50		"	50.0		99.2	74-136		0.242	30	
o-Xylene	53		"	50.0		106	83-123		2.56	30	
p- & m- Xylenes	100		"	100		104	82-128		1.15	30	
p-Isopropyltoluene	50		"	50.0		100	85-125		0.219	30	
sec-Butylbenzene	50		"	50.0		99.6	83-125		0.261	30	
Styrene	52		"	50.0		104	86-126		2.56	30	
tert-Butyl alcohol (TBA)	260		"	250		103	70-130		10.0	30	
tert-Butylbenzene	50		"	50.0		101	80-127		0.614	30	
Tetrachloroethylene	46		"	50.0		91.5	80-129		0.870	30	
Toluene	51		"	50.0		101	85-121		2.83	30	
trans-1,2-Dichloroethylene	53		"	50.0		105	72-132		1.06	30	
trans-1,3-Dichloropropylene	55		"	50.0		110	78-132		1.21	30	
trans-1,4-dichloro-2-butene	54		"	50.0		107	75-135		7.53	30	
Trichloroethylene	53		"	50.0		105	84-123		2.05	30	
Trichlorofluoromethane	50		"	50.0		99.1	62-140		0.0606	30	
Vinyl Chloride	50		"	50.0		99.1	52-130		0.242	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.5*		*"*	*50.0*		*99.0*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.4*		*"*	*50.0*		*96.7*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.7*		*"*	*50.0*		*97.4*	*76-130*				
Batch BE31004 - EPA 5035A											
Blank (BE31004-BLK1)								Prepared & Analyzed: 05/16/2023			
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
Tentatively Identified Compounds	0.0		"								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2-Butanone	ND	5.0	"								
2-Hexanone	ND	5.0	"								
4-Methyl-2-pentanone	ND	5.0	"								
Acetone	ND	10	"								
Acrolein	ND	10	"								
Acrylonitrile	ND	5.0	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE31004 - EPA 5035A											
Blank (BE31004-BLK1)											Prepared & Analyzed: 05/16/2023
Benzene	ND	5.0	ug/kg wet								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon disulfide	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Cyclohexane	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl acetate	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylcyclohexane	ND	5.0	"								
Methylene chloride	ND	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butyl alcohol (TBA)	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
trans-1,4-dichloro-2-butene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*53.3*		*ug/L*	*50.0*		*107*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.6*		*"*	*50.0*		*99.1*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.1*		*"*	*50.0*		*94.2*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE31004 - EPA 5035A											
LCS (BE31004-BS1)							Prepared & Analyzed: 05/16/2023				
1,1,1,2-Tetrachloroethane	56		ug/L	50.0		113	75-129				
1,1,1-Trichloroethane	58		"	50.0		116	71-137				
1,1,2,2-Tetrachloroethane	51		"	50.0		102	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	57		"	50.0		114	58-146				
1,1,2-Trichloroethane	51		"	50.0		102	83-123				
1,1-Dichloroethane	54		"	50.0		108	75-130				
1,1-Dichloroethylene	59		"	50.0		118	64-137				
1,2,3-Trichlorobenzene	49		"	50.0		98.6	81-140				
1,2,3-Trichloropropane	52		"	50.0		103	81-126				
1,2,4-Trichlorobenzene	51		"	50.0		102	80-141				
1,2,4-Trimethylbenzene	51		"	50.0		102	84-125				
1,2-Dibromo-3-chloropropane	52		"	50.0		104	74-142				
1,2-Dibromoethane	55		"	50.0		110	86-123				
1,2-Dichlorobenzene	50		"	50.0		100	85-122				
1,2-Dichloroethane	57		"	50.0		115	71-133				
1,2-Dichloropropane	52		"	50.0		105	81-122				
1,3,5-Trimethylbenzene	51		"	50.0		101	82-126				
1,3-Dichlorobenzene	50		"	50.0		99.2	84-124				
1,4-Dichlorobenzene	50		"	50.0		100	84-124				
1,4-Dioxane	1100		"	1050		105	10-228				
2-Butanone	55		"	50.0		109	58-147				
2-Hexanone	54		"	50.0		109	70-139				
4-Methyl-2-pentanone	54		"	50.0		107	72-132				
Acetone	200		"	50.0		405	36-155	High Bias			
Acrolein	39		"	50.0		77.9	10-238				
Acrylonitrile	53		"	50.0		106	66-141				
Benzene	54		"	50.0		108	77-127				
Bromochloromethane	54		"	50.0		108	74-129				
Bromodichloromethane	55		"	50.0		110	81-124				
Bromoform	52		"	50.0		104	80-136				
Bromomethane	56		"	50.0		113	32-177				
Carbon disulfide	56		"	50.0		111	10-136				
Carbon tetrachloride	62		"	50.0		124	66-143				
Chlorobenzene	55		"	50.0		110	86-120				
Chloroethane	55		"	50.0		111	51-142				
Chloroform	56		"	50.0		112	76-131				
Chloromethane	40		"	50.0		80.6	49-132				
cis-1,2-Dichloroethylene	55		"	50.0		110	74-132				
cis-1,3-Dichloropropylene	55		"	50.0		110	81-129				
Cyclohexane	51		"	50.0		102	70-130				
Dibromochloromethane	59		"	50.0		117	10-200				
Dibromomethane	53		"	50.0		107	83-124				
Dichlorodifluoromethane	32		"	50.0		63.3	28-158				
Ethyl Benzene	53		"	50.0		106	84-125				
Hexachlorobutadiene	51		"	50.0		102	83-133				
Isopropylbenzene	51		"	50.0		103	81-127				
Methyl acetate	50		"	50.0		99.5	41-143				
Methyl tert-butyl ether (MTBE)	53		"	50.0		106	74-131				
Methylcyclohexane	52		"	50.0		103	70-130				
Methylene chloride	53		"	50.0		107	57-141				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE31004 - EPA 5035A											
LCS (BE31004-BS1)								Prepared & Analyzed: 05/16/2023			
n-Butylbenzene	51		ug/L	50.0		101	80-130				
n-Propylbenzene	51		"	50.0		101	74-136				
o-Xylene	54		"	50.0		109	83-123				
p- & m- Xylenes	110		"	100		108	82-128				
p-Isopropyltoluene	52		"	50.0		103	85-125				
sec-Butylbenzene	51		"	50.0		102	83-125				
Styrene	53		"	50.0		107	86-126				
tert-Butyl alcohol (TBA)	280		"	250		114	70-130				
tert-Butylbenzene	51		"	50.0		102	80-127				
Tetrachloroethylene	48		"	50.0		96.5	80-129				
Toluene	52		"	50.0		104	85-121				
trans-1,2-Dichloroethylene	55		"	50.0		110	72-132				
trans-1,3-Dichloropropylene	56		"	50.0		112	78-132				
trans-1,4-dichloro-2-butene	53		"	50.0		106	75-135				
Trichloroethylene	56		"	50.0		111	84-123				
Trichlorofluoromethane	54		"	50.0		108	62-140				
Vinyl Chloride	50		"	50.0		99.6	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*52.3*		*"*	*50.0*		*105*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.5*		*"*	*50.0*		*99.1*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.8*		*"*	*50.0*		*99.5*	*76-130*				
LCS Dup (BE31004-BSD1)								Prepared & Analyzed: 05/16/2023			
1,1,1,2-Tetrachloroethane	57		ug/L	50.0		113	75-129		0.548	30	
1,1,1-Trichloroethane	57		"	50.0		114	71-137		2.24	30	
1,1,2,2-Tetrachloroethane	51		"	50.0		101	79-129		0.609	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	57		"	50.0		113	58-146		0.511	30	
1,1,2-Trichloroethane	51		"	50.0		102	83-123		0.236	30	
1,1-Dichloroethane	53		"	50.0		106	75-130		1.29	30	
1,1-Dichloroethylene	56		"	50.0		113	64-137		4.52	30	
1,2,3-Trichlorobenzene	50		"	50.0		99.3	81-140		0.768	30	
1,2,3-Trichloropropane	53		"	50.0		107	81-126		3.06	30	
1,2,4-Trichlorobenzene	51		"	50.0		102	80-141		0.784	30	
1,2,4-Trimethylbenzene	51		"	50.0		101	84-125		0.962	30	
1,2-Dibromo-3-chloropropane	53		"	50.0		105	74-142		1.67	30	
1,2-Dibromoethane	55		"	50.0		109	86-123		0.438	30	
1,2-Dichlorobenzene	50		"	50.0		99.9	85-122		0.100	30	
1,2-Dichloroethane	56		"	50.0		111	71-133		3.18	30	
1,2-Dichloropropane	52		"	50.0		104	81-122		1.02	30	
1,3,5-Trimethylbenzene	50		"	50.0		101	82-126		0.119	30	
1,3-Dichlorobenzene	50		"	50.0		100	84-124		1.18	30	
1,4-Dichlorobenzene	49		"	50.0		99.0	84-124		1.11	30	
1,4-Dioxane	1100		"	1050		107	10-228		1.57	30	
2-Butanone	54		"	50.0		109	58-147		0.753	30	
2-Hexanone	53		"	50.0		107	70-139		1.78	30	
4-Methyl-2-pentanone	53		"	50.0		106	72-132		0.656	30	
Acetone	180		"	50.0		351	36-155	High Bias	14.4	30	
Acrolein	42		"	50.0		83.4	10-238		6.82	30	
Acrylonitrile	51		"	50.0		103	66-141		3.17	30	
Benzene	53		"	50.0		106	77-127		1.83	30	
Bromochloromethane	53		"	50.0		106	74-129		2.08	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE31004 - EPA 5035A											
LCS Dup (BE31004-BSD1)								Prepared & Analyzed: 05/16/2023			
Bromodichloromethane	56		ug/L	50.0		112	81-124		1.32	30	
Bromoform	54		"	50.0		108	80-136		3.58	30	
Bromomethane	58		"	50.0		116	32-177		2.73	30	
Carbon disulfide	56		"	50.0		111	10-136		0.252	30	
Carbon tetrachloride	61		"	50.0		122	66-143		1.06	30	
Chlorobenzene	55		"	50.0		110	86-120		0.381	30	
Chloroethane	55		"	50.0		111	51-142		0.253	30	
Chloroform	56		"	50.0		112	76-131		0.197	30	
Chloromethane	41		"	50.0		81.1	49-132		0.544	30	
cis-1,2-Dichloroethylene	56		"	50.0		112	74-132		1.62	30	
cis-1,3-Dichloropropylene	55		"	50.0		110	81-129		0.145	30	
Cyclohexane	50		"	50.0		101	70-130		0.950	30	
Dibromochloromethane	58		"	50.0		115	10-200		1.84	30	
Dibromomethane	54		"	50.0		107	83-124		0.804	30	
Dichlorodifluoromethane	30		"	50.0		60.6	28-158		4.42	30	
Ethyl Benzene	54		"	50.0		109	84-125		2.19	30	
Hexachlorobutadiene	50		"	50.0		101	83-133		1.48	30	
Isopropylbenzene	52		"	50.0		103	81-127		0.583	30	
Methyl acetate	49		"	50.0		98.8	41-143		0.726	30	
Methyl tert-butyl ether (MTBE)	53		"	50.0		106	74-131		0.699	30	
Methylcyclohexane	52		"	50.0		104	70-130		1.08	30	
Methylene chloride	54		"	50.0		108	57-141		0.578	30	
n-Butylbenzene	51		"	50.0		101	80-130		0.277	30	
n-Propylbenzene	51		"	50.0		102	74-136		1.08	30	
o-Xylene	55		"	50.0		109	83-123		0.733	30	
p- & m- Xylenes	110		"	100		108	82-128		0.0833	30	
p-Isopropyltoluene	50		"	50.0		100	85-125		2.90	30	
sec-Butylbenzene	51		"	50.0		102	83-125		0.314	30	
Styrene	53		"	50.0		107	86-126		0.225	30	
tert-Butyl alcohol (TBA)	290		"	250		116	70-130		2.04	30	
tert-Butylbenzene	51		"	50.0		103	80-127		0.508	30	
Tetrachloroethylene	47		"	50.0		93.6	80-129		3.03	30	
Toluene	52		"	50.0		105	85-121		0.631	30	
trans-1,2-Dichloroethylene	54		"	50.0		108	72-132		1.45	30	
trans-1,3-Dichloropropylene	56		"	50.0		112	78-132		0.535	30	
trans-1,4-dichloro-2-butene	54		"	50.0		108	75-135		2.42	30	
Trichloroethylene	55		"	50.0		109	84-123		2.16	30	
Trichlorofluoromethane	53		"	50.0		106	62-140		1.64	30	
Vinyl Chloride	49		"	50.0		98.8	52-130		0.746	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.9*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.1*		*"*	*50.0*		*98.3*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.1*		*"*	*50.0*		*100*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE31004 - EPA 5035A											
Matrix Spike (BE31004-MS1)	*Source sample: 23E0659-01 (Matrix Spike)							Prepared & Analyzed: 05/16/2023			
1,1,1,2-Tetrachloroethane	28		ug/L	50.0	0.0	56.8	15-161				
1,1,1-Trichloroethane	32		"	50.0	0.0	64.3	42-145				
1,1,2,2-Tetrachloroethane	32		"	50.0	0.0	63.9	16-167				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	29		"	50.0	0.0	57.3	11-160				
1,1,2-Trichloroethane	33		"	50.0	0.0	66.1	44-145				
1,1-Dichloroethane	35		"	50.0	0.0	69.2	46-142				
1,1-Dichloroethylene	33		"	50.0	0.0	65.4	30-153				
1,2,3-Trichlorobenzene	7.6		"	50.0	0.0	15.3	10-157				
1,2,3-Trichloropropane	33		"	50.0	0.0	65.5	38-155				
1,2,4-Trichlorobenzene	7.9		"	50.0	0.0	15.9	10-151				
1,2,4-Trimethylbenzene	19		"	50.0	0.0	38.8	10-170				
1,2-Dibromo-3-chloropropane	24		"	50.0	0.0	48.4	36-138				
1,2-Dibromoethane	32		"	50.0	0.0	63.3	40-142				
1,2-Dichlorobenzene	15		"	50.0	0.0	30.2	10-147				
1,2-Dichloroethane	38		"	50.0	0.0	76.7	48-133				
1,2-Dichloropropane	34		"	50.0	0.0	68.4	47-141				
1,3,5-Trimethylbenzene	19		"	50.0	0.0	38.4	10-150				
1,3-Dichlorobenzene	15		"	50.0	0.0	30.4	10-144				
1,4-Dichlorobenzene	15		"	50.0	0.0	29.1	10-160				
1,4-Dioxane	1200		"	1050	0.0	114	10-191				
2-Butanone	100		"	50.0	57	87.1	10-189				
2-Hexanone	38		"	50.0	0.0	75.7	10-181				
4-Methyl-2-pentanone	40		"	50.0	0.0	80.6	10-166				
Acetone	320		"	50.0	250	139	10-196				
Acrolein	6.4		"	50.0	0.0	12.8	10-192				
Acrylonitrile	33		"	50.0	0.0	66.0	13-161				
Benzene	33		"	50.0	0.0	65.2	43-139				
Bromochloromethane	34		"	50.0	0.0	68.2	38-145				
Bromodichloromethane	32		"	50.0	0.0	64.1	38-147				
Bromoform	23		"	50.0	0.0	45.2	29-156				
Bromomethane	29		"	50.0	0.0	57.1	10-166				
Carbon disulfide	23		"	50.0	2.1	42.4	10-131				
Carbon tetrachloride	25		"	50.0	0.0	51.0	35-145				
Chlorobenzene	25		"	50.0	0.0	49.7	21-154				
Chloroethane	36		"	50.0	0.0	71.3	15-160				
Chloroform	36		"	50.0	0.0	72.6	47-142				
Chloromethane	23		"	50.0	0.0	46.2	10-159				
cis-1,2-Dichloroethylene	32		"	50.0	0.0	63.8	42-144				
cis-1,3-Dichloropropylene	23		"	50.0	0.0	46.2	18-159				
Cyclohexane	23		"	50.0	0.0	46.0	70-130	Low Bias			
Dibromochloromethane	29		"	50.0	0.0	58.7	10-179				
Dibromomethane	34		"	50.0	0.0	67.7	47-143				
Dichlorodifluoromethane	16		"	50.0	0.0	32.3	10-145				
Ethyl Benzene	24		"	50.0	0.0	47.3	11-158				
Hexachlorobutadiene	8.3		"	50.0	0.0	16.6	10-158				
Isopropylbenzene	22		"	50.0	0.0	44.6	10-162				
Methyl acetate	39		"	50.0	0.0	78.2	10-149				
Methyl tert-butyl ether (MTBE)	40		"	50.0	0.0	80.9	42-152				
Methylcyclohexane	19		"	50.0	0.0	37.1	70-130	Low Bias			
Methylene chloride	35		"	50.0	0.0	69.9	28-151				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE31004 - EPA 5035A											
Matrix Spike (BE31004-MS1)	*Source sample: 23E0659-01 (Matrix Spike)							Prepared & Analyzed: 05/16/2023			
n-Butylbenzene	13		ug/L	50.0	0.0	26.5	10-162				
n-Propylbenzene	19		"	50.0	0.0	38.5	10-155				
o-Xylene	25		"	50.0	0.0	49.6	10-158				
p- & m- Xylenes	46		"	100	0.0	46.3	10-156				
p-Isopropyltoluene	16		"	50.0	0.0	31.1	10-147				
sec-Butylbenzene	16		"	50.0	0.0	31.5	10-157				
Styrene	15		"	50.0	0.0	29.0	13-171				
tert-Butyl alcohol (TBA)	220		"	250	0.0	87.1	34-179				
tert-Butylbenzene	19		"	50.0	0.0	37.8	10-160				
Tetrachloroethylene	19		"	50.0	0.0	38.7	30-167				
Toluene	28		"	50.0	0.0	55.4	21-160				
trans-1,2-Dichloroethylene	27		"	50.0	0.0	53.6	29-153				
trans-1,3-Dichloropropylene	21		"	50.0	0.0	41.7	18-155				
trans-1,4-dichloro-2-butene	30		"	50.0	0.0	59.7	17-154				
Trichloroethylene	28		"	50.0	0.0	56.0	24-169				
Trichlorofluoromethane	31		"	50.0	0.0	61.3	35-142				
Vinyl Chloride	28		"	50.0	0.0	55.9	12-160				
Surrogate: SURR: 1,2-Dichloroethane-d4	*54.1*		*"*	*50.0*		*108*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.8*		*"*	*50.0*		*99.7*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*55.4*		*"*	*50.0*		*111*	*76-130*				
Matrix Spike Dup (BE31004-MSD1)	*Source sample: 23E0659-01 (Matrix Spike Dup)							Prepared & Analyzed: 05/16/2023			
1,1,1,2-Tetrachloroethane	32		ug/L	50.0	0.0	63.9	15-161		11.9	33	
1,1,1-Trichloroethane	42		"	50.0	0.0	83.5	42-145		26.0	30	
1,1,2,2-Tetrachloroethane	32		"	50.0	0.0	64.7	16-167		1.12	56	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	40		"	50.0	0.0	79.1	11-160		32.0	31	Non-dir.
1,1,2-Trichloroethane	35		"	50.0	0.0	69.1	44-145		4.44	40	
1,1-Dichloroethane	41		"	50.0	0.0	82.5	46-142		17.5	36	
1,1-Dichloroethylene	41		"	50.0	0.0	82.7	30-153		23.3	31	
1,2,3-Trichlorobenzene	9.2		"	50.0	0.0	18.5	10-157		18.8	47	
1,2,3-Trichloropropane	36		"	50.0	0.0	72.1	38-155		9.68	48	
1,2,4-Trichlorobenzene	10		"	50.0	0.0	20.8	10-151		27.0	52	
1,2,4-Trimethylbenzene	23		"	50.0	0.0	46.8	10-170		18.6	242	
1,2-Dibromo-3-chloropropane	26		"	50.0	0.0	51.4	36-138		5.89	54	
1,2-Dibromoethane	33		"	50.0	0.0	65.7	40-142		3.69	39	
1,2-Dichlorobenzene	19		"	50.0	0.0	38.5	10-147		24.0	52	
1,2-Dichloroethane	42		"	50.0	0.0	83.6	48-133		8.61	32	
1,2-Dichloropropane	39		"	50.0	0.0	77.3	47-141		12.3	37	
1,3,5-Trimethylbenzene	24		"	50.0	0.0	47.9	10-150		22.0	62	
1,3-Dichlorobenzene	18		"	50.0	0.0	36.8	10-144		19.2	51	
1,4-Dichlorobenzene	18		"	50.0	0.0	35.7	10-160		20.4	52	
1,4-Dioxane	1000		"	1050	0.0	99.8	10-191		13.2	196	
2-Butanone	94		"	50.0	48	93.6	10-189		7.18	67	
2-Hexanone	37		"	50.0	0.0	74.1	10-181		2.14	60	
4-Methyl-2-pentanone	41		"	50.0	0.0	81.2	10-166		0.816	47	
Acetone	350		"	50.0	210	272	10-196	High Bias	64.5	150	
Acrolein	8.7		"	50.0	0.0	17.3	10-192		29.7	128	
Acrylonitrile	33		"	50.0	0.0	66.8	13-161		1.17	48	
Benzene	38		"	50.0	0.0	77.0	43-139		16.5	64	
Bromochloromethane	37		"	50.0	0.0	73.7	38-145		7.72	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE31004 - EPA 5035A											
Matrix Spike Dup (BE31004-MSD1)	*Source sample: 23E0659-01 (Matrix Spike Dup)								Prepared & Analyzed: 05/16/2023		
Bromodichloromethane	35		ug/L	50.0	0.0	71.0	38-147		10.2	37	
Bromoform	26		"	50.0	0.0	53.0	29-156		16.0	51	
Bromomethane	36		"	50.0	0.0	72.6	10-166		24.0	42	
Carbon disulfide	30		"	50.0	1.7	56.8	10-131		29.0	36	
Carbon tetrachloride	36		"	50.0	0.0	71.3	35-145		33.2	31	Non-dir.
Chlorobenzene	29		"	50.0	0.0	57.4	21-154		14.5	32	
Chloroethane	45		"	50.0	0.0	89.6	15-160		22.7	40	
Chloroform	42		"	50.0	0.0	83.4	47-142		13.8	29	
Chloromethane	30		"	50.0	0.0	60.8	10-159		27.3	31	
cis-1,2-Dichloroethylene	37		"	50.0	0.0	74.6	42-144		15.6	30	
cis-1,3-Dichloropropylene	26		"	50.0	0.0	52.0	18-159		11.7	39	
Cyclohexane	32		"	50.0	0.0	64.0	70-130	Low Bias	32.6	30	Non-dir.
Dibromochloromethane	33		"	50.0	0.0	65.2	10-179		10.4	41	
Dibromomethane	34		"	50.0	0.0	68.0	47-143		0.531	41	
Dichlorodifluoromethane	22		"	50.0	0.0	43.4	10-145		29.4	34	
Ethyl Benzene	30		"	50.0	0.0	59.0	11-158		22.1	42	
Hexachlorobutadiene	12		"	50.0	0.0	23.6	10-158		34.7	45	
Isopropylbenzene	28		"	50.0	0.0	56.5	10-162		23.4	57	
Methyl acetate	40		"	50.0	0.0	80.5	10-149		2.85	64	
Methyl tert-butyl ether (MTBE)	44		"	50.0	0.0	87.5	42-152		7.83	47	
Methylcyclohexane	27		"	50.0	0.0	54.0	70-130	Low Bias	37.1	30	Non-dir.
Methylene chloride	38		"	50.0	0.0	76.9	28-151		9.48	49	
n-Butylbenzene	18		"	50.0	0.0	35.9	10-162		30.1	96	
n-Propylbenzene	24		"	50.0	0.0	47.7	10-155		21.4	56	
o-Xylene	30		"	50.0	0.0	60.4	10-158		19.7	51	
p- & m- Xylenes	57		"	100	0.0	57.1	10-156		20.9	47	
p-Isopropyltoluene	21		"	50.0	0.0	41.6	10-147		29.0	60	
sec-Butylbenzene	21		"	50.0	0.0	43.0	10-157		30.7	56	
Styrene	20		"	50.0	0.0	39.3	13-171		30.1	39	
tert-Butyl alcohol (TBA)	230		"	250	0.0	90.1	34-179		3.35	35	
tert-Butylbenzene	24		"	50.0	0.0	47.6	10-160		23.0	79	
Tetrachloroethylene	25		"	50.0	0.0	50.0	30-167		25.3	33	
Toluene	33		"	50.0	0.0	66.8	21-160		18.7	50	
trans-1,2-Dichloroethylene	33		"	50.0	0.0	65.5	29-153		20.0	30	
trans-1,3-Dichloropropylene	22		"	50.0	0.0	43.0	18-155		3.07	30	
trans-1,4-dichloro-2-butene	31		"	50.0	0.0	61.6	17-154		3.20	30	
Trichloroethylene	33		"	50.0	0.0	66.9	24-169		17.8	30	
Trichlorofluoromethane	43		"	50.0	0.0	85.2	35-142		32.7	30	Non-dir.
Vinyl Chloride	37		"	50.0	0.0	73.1	12-160		26.6	35	
Surrogate: SURR: 1,2-Dichloroethane-d4	*54.0*		*"*	*50.0*		*108*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.6*		*"*	*50.0*		*97.3*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*53.5*		*"*	*50.0*		*107*	*76-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BE31068 - EPA 3550C

Blank (BE31068-BLK1) Prepared & Analyzed: 05/16/2023

1,1-Biphenyl	ND	41.6	ug/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	83.0	"								
1,2,4-Trichlorobenzene	ND	41.6	"								
1,2-Dichlorobenzene	ND	41.6	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	41.6	"								
1,3-Dichlorobenzene	ND	41.6	"								
1,4-Dichlorobenzene	ND	41.6	"								
2,3,4,6-Tetrachlorophenol	ND	83.0	"								
2,4,5-Trichlorophenol	ND	41.6	"								
2,4,6-Trichlorophenol	ND	41.6	"								
2,4-Dichlorophenol	ND	41.6	"								
2,4-Dimethylphenol	ND	41.6	"								
2,4-Dinitrophenol	ND	83.0	"								
2,4-Dinitrotoluene	ND	41.6	"								
2,6-Dinitrotoluene	ND	41.6	"								
2-Chloronaphthalene	ND	41.6	"								
2-Chlorophenol	ND	41.6	"								
2-Methylnaphthalene	ND	41.6	"								
2-Methylphenol	ND	41.6	"								
2-Nitroaniline	ND	83.0	"								
2-Nitrophenol	ND	41.6	"								
3- & 4-Methylphenols	ND	41.6	"								
3,3-Dichlorobenzidine	ND	41.6	"								
3-Nitroaniline	ND	83.0	"								
4,6-Dinitro-2-methylphenol	ND	83.0	"								
4-Bromophenyl phenyl ether	ND	41.6	"								
4-Chloro-3-methylphenol	ND	41.6	"								
4-Chloroaniline	ND	41.6	"								
4-Chlorophenyl phenyl ether	ND	41.6	"								
4-Nitroaniline	ND	83.0	"								
4-Nitrophenol	ND	83.0	"								
Acenaphthene	ND	41.6	"								
Acenaphthylene	ND	41.6	"								
Acetophenone	ND	41.6	"								
Aniline	ND	166	"								
Anthracene	ND	41.6	"								
Atrazine	ND	41.6	"								
Benzaldehyde	ND	41.6	"								
Benzidine	ND	166	"								
Benzo(a)anthracene	ND	41.6	"								
Benzo(a)pyrene	ND	41.6	"								
Benzo(b)fluoranthene	ND	41.6	"								
Benzo(g,h,i)perylene	ND	41.6	"								
Benzo(k)fluoranthene	ND	41.6	"								
Benzoic acid	ND	41.6	"								
Benzyl alcohol	ND	41.6	"								
Benzyl butyl phthalate	ND	41.6	"								
Bis(2-chloroethoxy)methane	ND	41.6	"								
Bis(2-chloroethyl)ether	ND	41.6	"								
Bis(2-chloroisopropyl)ether	ND	41.6	"								
Bis(2-ethylhexyl)phthalate	ND	41.6	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE31068 - EPA 3550C											
Blank (BE31068-BLK1)											
Caprolactam	ND	83.0	ug/kg wet								
Carbazole	ND	41.6	"								
Chrysene	ND	41.6	"								
Dibenzo(a,h)anthracene	ND	41.6	"								
Dibenzofuran	ND	41.6	"								
Diethyl phthalate	ND	41.6	"								
Dimethyl phthalate	ND	41.6	"								
Di-n-butyl phthalate	ND	41.6	"								
Di-n-octyl phthalate	ND	41.6	"								
Diphenylamine	ND	83.0	"								
Fluoranthene	ND	41.6	"								
Fluorene	ND	41.6	"								
Hexachlorobenzene	ND	41.6	"								
Hexachlorobutadiene	ND	41.6	"								
Hexachlorocyclopentadiene	ND	41.6	"								
Hexachloroethane	ND	41.6	"								
Indeno(1,2,3-cd)pyrene	ND	41.6	"								
Isophorone	ND	41.6	"								
Naphthalene	ND	41.6	"								
Nitrobenzene	ND	41.6	"								
N-Nitrosodimethylamine	ND	41.6	"								
N-nitroso-di-n-propylamine	ND	41.6	"								
N-Nitrosodiphenylamine	ND	41.6	"								
Pentachlorophenol	ND	41.6	"								
Phenanthrene	ND	41.6	"								
Phenol	ND	41.6	"								
Pyrene	ND	41.6	"								
Surrogate: SURR: 2-Fluorophenol	*874*		"	*1660*		*52.6*	*20-108*				
Surrogate: SURR: Phenol-d6	*909*		"	*1660*		*54.7*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*457*		"	*831*		*55.1*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*428*		"	*831*		*51.5*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1220*		"	*1660*		*73.3*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*547*		"	*831*		*65.9*	*24-116*				

Prepared & Analyzed: 05/16/2023

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE31068 - EPA 3550C											
LCS (BE31068-BS1)							Prepared & Analyzed: 05/16/2023				
1,1-Biphenyl	384	41.6	ug/kg wet	831		46.3	18-111				
1,2,4,5-Tetrachlorobenzene	500	83.0	"	831		60.2	21-131				
1,2,4-Trichlorobenzene	401	41.6	"	831		48.2	10-140				
1,2-Dichlorobenzene	381	41.6	"	831		45.8	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	367	41.6	"	831		44.2	17-137				
1,3-Dichlorobenzene	360	41.6	"	831		43.4	33-110				
1,4-Dichlorobenzene	354	41.6	"	831		42.6	32-104				
2,3,4,6-Tetrachlorophenol	445	83.0	"	831		53.6	30-130				
2,4,5-Trichlorophenol	453	41.6	"	831		54.6	27-118				
2,4,6-Trichlorophenol	403	41.6	"	831		48.5	31-120				
2,4-Dichlorophenol	461	41.6	"	831		55.5	20-127				
2,4-Dimethylphenol	338	41.6	"	831		40.6	14-132				
2,4-Dinitrophenol	121	83.0	"	831		14.5	10-171				
2,4-Dinitrotoluene	418	41.6	"	831		50.3	34-131				
2,6-Dinitrotoluene	465	41.6	"	831		56.0	31-128				
2-Chloronaphthalene	364	41.6	"	831		43.8	31-117				
2-Chlorophenol	413	41.6	"	831		49.7	33-113				
2-Methylnaphthalene	389	41.6	"	831		46.8	12-138				
2-Methylphenol	372	41.6	"	831		44.8	10-136				
2-Nitroaniline	438	83.0	"	831		52.8	27-132				
2-Nitrophenol	458	41.6	"	831		55.2	17-129				
3- & 4-Methylphenols	359	41.6	"	831		43.2	29-103				
3,3-Dichlorobenzidine	265	41.6	"	831		32.0	22-149				
3-Nitroaniline	388	83.0	"	831		46.8	20-133				
4,6-Dinitro-2-methylphenol	302	83.0	"	831		36.3	10-143				
4-Bromophenyl phenyl ether	422	41.6	"	831		50.8	29-120				
4-Chloro-3-methylphenol	438	41.6	"	831		52.7	24-129				
4-Chloroaniline	285	41.6	"	831		34.3	10-132				
4-Chlorophenyl phenyl ether	378	41.6	"	831		45.5	27-124				
4-Nitroaniline	377	83.0	"	831		45.4	16-128				
4-Nitrophenol	343	83.0	"	831		41.3	10-141				
Acenaphthene	366	41.6	"	831		44.0	30-121				
Acenaphthylene	375	41.6	"	831		45.1	30-115				
Acetophenone	378	41.6	"	831		45.5	20-112				
Aniline	221	166	"	831		26.6	10-119				
Anthracene	408	41.6	"	831		49.1	34-118				
Atrazine	465	41.6	"	831		56.0	26-112				
Benzaldehyde	368	41.6	"	831		44.3	21-100				
Benzo(a)anthracene	415	41.6	"	831		50.0	32-122				
Benzo(a)pyrene	375	41.6	"	831		45.2	29-133				
Benzo(b)fluoranthene	408	41.6	"	831		49.2	25-133				
Benzo(g,h,i)perylene	123	41.6	"	831		14.8	10-143				
Benzo(k)fluoranthene	399	41.6	"	831		48.0	25-128				
Benzoic acid	64.8	41.6	"	831		7.80	10-140	Low Bias			
Benzyl alcohol	369	41.6	"	831		44.5	30-115				
Benzyl butyl phthalate	468	41.6	"	831		56.4	26-126				
Bis(2-chloroethoxy)methane	399	41.6	"	831		48.0	19-132				
Bis(2-chloroethyl)ether	354	41.6	"	831		42.7	19-125				
Bis(2-chloroisopropyl)ether	323	41.6	"	831		38.9	20-135				
Bis(2-ethylhexyl)phthalate	460	41.6	"	831		55.4	10-155				
Caprolactam	506	83.0	"	831		60.9	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE31068 - EPA 3550C											
LCS (BE31068-BS1)								Prepared & Analyzed: 05/16/2023			
Carbazole	403	41.6	ug/kg wet	831		48.6	35-123				
Chrysene	388	41.6	"	831		46.7	32-123				
Dibenzo(a,h)anthracene	376	41.6	"	831		45.2	10-136				
Dibenzofuran	375	41.6	"	831		45.2	29-121				
Diethyl phthalate	376	41.6	"	831		45.3	34-116				
Dimethyl phthalate	374	41.6	"	831		45.0	35-124				
Di-n-butyl phthalate	449	41.6	"	831		54.0	31-116				
Di-n-octyl phthalate	515	41.6	"	831		62.0	26-136				
Diphenylamine	503	83.0	"	831		60.6	40-140				
Fluoranthene	406	41.6	"	831		48.8	33-122				
Fluorene	381	41.6	"	831		45.9	29-123				
Hexachlorobenzene	401	41.6	"	831		48.3	21-124				
Hexachlorobutadiene	419	41.6	"	831		50.5	10-149				
Hexachlorocyclopentadiene	261	41.6	"	831		31.5	10-129				
Hexachloroethane	386	41.6	"	831		46.5	28-108				
Indeno(1,2,3-cd)pyrene	412	41.6	"	831		49.6	10-135				
Isophorone	382	41.6	"	831		46.0	20-132				
Naphthalene	383	41.6	"	831		46.1	23-124				
Nitrobenzene	402	41.6	"	831		48.4	13-132				
N-Nitrosodimethylamine	353	41.6	"	831		42.5	11-129				
N-nitroso-di-n-propylamine	340	41.6	"	831		41.0	24-119				
N-Nitrosodiphenylamine	476	41.6	"	831		57.4	22-152				
Pentachlorophenol	404	41.6	"	831		48.6	10-139				
Phenanthrene	395	41.6	"	831		47.5	33-123				
Phenol	399	41.6	"	831		48.1	23-115				
Pyrene	425	41.6	"	831		51.2	32-130				
Surrogate: SURR: 2-Fluorophenol	*820*		*"*	*1660*		*49.4*	*20-108*				
Surrogate: SURR: Phenol-d6	*807*		*"*	*1660*		*48.6*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*437*		*"*	*831*		*52.6*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*380*		*"*	*831*		*45.7*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1040*		*"*	*1660*		*62.5*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*446*		*"*	*831*		*53.6*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Batch BE31068 - EPA 3550C

Matrix Spike (BE31068-MS1) *Source sample: 23E0546-01 (Matrix Spike) Prepared & Analyzed: 05/16/2023

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	562	91.0	ug/kg dry	909	ND	61.8	10-130				
1,2,4,5-Tetrachlorobenzene	575	182	"	909	ND	63.3	10-133				
1,2,4-Trichlorobenzene	447	91.0	"	909	ND	49.2	10-127				
1,2-Dichlorobenzene	412	91.0	"	909	ND	45.3	14-111				
1,2-Diphenylhydrazine (as Azobenzene)	450	91.0	"	909	ND	49.4	10-144				
1,3-Dichlorobenzene	402	91.0	"	909	ND	44.2	11-111				
1,4-Dichlorobenzene	422	91.0	"	909	ND	46.4	10-106				
2,3,4,6-Tetrachlorophenol	1120	182	"	909	ND	124	30-130				
2,4,5-Trichlorophenol	522	91.0	"	909	ND	57.4	10-127				
2,4,6-Trichlorophenol	584	91.0	"	909	ND	64.2	10-132				
2,4-Dichlorophenol	480	91.0	"	909	ND	52.8	10-128				
2,4-Dimethylphenol	397	91.0	"	909	ND	43.6	10-137				
2,4-Dinitrophenol	300	182	"	909	ND	33.0	10-171				
2,4-Dinitrotoluene	553	91.0	"	909	ND	60.8	16-135				
2,6-Dinitrotoluene	450	91.0	"	909	ND	49.5	18-131				
2-Chloronaphthalene	471	91.0	"	909	ND	51.8	10-129				
2-Chlorophenol	471	91.0	"	909	ND	51.8	15-116				
2-Methylnaphthalene	535	91.0	"	909	ND	58.9	10-147				
2-Methylphenol	494	91.0	"	909	ND	54.3	10-136				
2-Nitroaniline	581	182	"	909	ND	63.9	10-137				
2-Nitrophenol	404	91.0	"	909	ND	44.4	10-129				
3- & 4-Methylphenols	422	91.0	"	909	ND	46.4	10-123				
3,3-Dichlorobenzidine	427	91.0	"	909	ND	47.0	10-155				
3-Nitroaniline	614	182	"	909	ND	67.5	12-133				
4,6-Dinitro-2-methylphenol	359	182	"	909	ND	39.4	10-155				
4-Bromophenyl phenyl ether	520	91.0	"	909	ND	57.2	14-128				
4-Chloro-3-methylphenol	480	91.0	"	909	ND	52.8	10-134				
4-Chloroaniline	396	91.0	"	909	ND	43.5	10-145				
4-Chlorophenyl phenyl ether	478	91.0	"	909	ND	52.6	14-130				
4-Nitroaniline	593	182	"	909	ND	65.2	10-147				
4-Nitrophenol	539	182	"	909	ND	59.3	10-137				
Acenaphthene	615	91.0	"	909	66.9	60.2	10-146				
Acenaphthylene	557	91.0	"	909	72.8	53.2	10-134				
Acetophenone	436	91.0	"	909	ND	47.9	10-116				
Aniline	316	364	"	909	ND	34.8	10-123				
Anthracene	864	91.0	"	909	172	76.2	10-142				
Atrazine	539	91.0	"	909	ND	59.3	19-115				
Benzaldehyde	471	91.0	"	909	ND	51.8	10-125				
Benzo(a)anthracene	1150	91.0	"	909	413	81.1	10-158				
Benzo(a)pyrene	1150	91.0	"	909	399	82.3	10-180				
Benzo(b)fluoranthene	1280	91.0	"	909	485	87.3	10-200				
Benzo(g,h,i)perylene	912	91.0	"	909	290	68.3	10-138				
Benzo(k)fluoranthene	830	91.0	"	909	175	72.0	10-197				
Benzoic acid	153	91.0	"	909	ND	16.8	10-166				
Benzyl alcohol	452	91.0	"	909	ND	49.7	12-124				
Benzyl butyl phthalate	498	91.0	"	909	ND	54.7	10-154				
Bis(2-chloroethoxy)methane	421	91.0	"	909	ND	46.3	10-132				
Bis(2-chloroethyl)ether	401	91.0	"	909	ND	44.1	10-119				
Bis(2-chloroisopropyl)ether	431	91.0	"	909	ND	47.4	10-139				
Bis(2-ethylhexyl)phthalate	781	91.0	"	909	123	72.3	10-167				
Caprolactam	594	182	"	909	ND	65.3	10-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE31068 - EPA 3550C											
Matrix Spike (BE31068-MS1)	*Source sample: 23E0546-01 (Matrix Spike)							Prepared & Analyzed: 05/16/2023			
Carbazole	595	91.0	ug/kg dry	909	49.5	60.0	10-167				
Chrysene	1140	91.0	"	909	409	80.1	10-156				
Dibenzo(a,h)anthracene	626	91.0	"	909	74.2	60.7	10-137				
Dibenzofuran	ND	91.0	"	909	ND		10-147	Low Bias			
Diethyl phthalate	459	91.0	"	909	ND	50.5	20-120				
Dimethyl phthalate	441	91.0	"	909	ND	48.5	18-131				
Di-n-butyl phthalate	543	91.0	"	909	ND	59.7	10-137				
Di-n-octyl phthalate	621	91.0	"	909	ND	68.2	10-180				
Diphenylamine	1020	182	"	909	ND	112	40-140				
Fluoranthene	1750	91.0	"	909	853	98.9	10-160				
Fluorene	697	91.0	"	909	ND	76.6	10-157				
Hexachlorobenzene	606	91.0	"	909	ND	66.6	10-137				
Hexachlorobutadiene	427	91.0	"	909	ND	47.0	10-132				
Hexachlorocyclopentadiene	ND	91.0	"	909	ND		10-106	Low Bias			
Hexachloroethane	381	91.0	"	909	ND	41.9	10-110				
Indeno(1,2,3-cd)pyrene	1020	91.0	"	909	308	78.6	10-144				
Isophorone	466	91.0	"	909	ND	51.3	10-132				
Naphthalene	529	91.0	"	909	48.7	52.8	10-141				
Nitrobenzene	413	91.0	"	909	ND	45.4	10-131				
N-Nitrosodimethylamine	314	91.0	"	909	ND	34.5	10-126				
N-nitroso-di-n-propylamine	453	91.0	"	909	ND	49.8	10-125				
N-Nitrosodiphenylamine	1550	91.0	"	909	ND	171	10-177				
Pentachlorophenol	316	91.0	"	909	ND	34.7	10-153				
Phenanthrene	1490	91.0	"	909	578	100	10-148				
Phenol	490	91.0	"	909	ND	53.8	10-126				
Pyrene	1650	91.0	"	909	904	81.8	10-165				
Surrogate: SURR: 2-Fluorophenol	*859*		*"*	*1820*		*47.2*	*20-108*				
Surrogate: SURR: Phenol-d6	*925*		*"*	*1820*		*50.8*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*427*		*"*	*909*		*47.0*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*439*		*"*	*909*		*48.2*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1280*		*"*	*1820*		*70.2*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*540*		*"*	*909*		*59.4*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE31068 - EPA 3550C											
Matrix Spike Dup (BE31068-MSD1)	*Source sample: 23E0546-01 (Matrix Spike Dup)								Prepared & Analyzed: 05/16/2023		
1,1-Biphenyl	529	91.0	ug/kg dry	909	ND	58.2	10-130		6.00	30	
1,2,4,5-Tetrachlorobenzene	588	182	"	909	ND	64.6	10-133		2.13	30	
1,2,4-Trichlorobenzene	472	91.0	"	909	ND	51.9	10-127		5.38	30	
1,2-Dichlorobenzene	461	91.0	"	909	ND	50.6	14-111		11.2	30	
1,2-Diphenylhydrazine (as Azobenzene)	447	91.0	"	909	ND	49.2	10-144		0.487	30	
1,3-Dichlorobenzene	434	91.0	"	909	ND	47.8	11-111		7.83	30	
1,4-Dichlorobenzene	435	91.0	"	909	ND	47.8	10-106		3.06	30	
2,3,4,6-Tetrachlorophenol	1120	182	"	909	ND	123	30-130		0.324	30	
2,4,5-Trichlorophenol	501	91.0	"	909	ND	55.1	10-127		3.98	30	
2,4,6-Trichlorophenol	537	91.0	"	909	ND	59.0	10-132		8.44	30	
2,4-Dichlorophenol	483	91.0	"	909	ND	53.1	10-128		0.604	30	
2,4-Dimethylphenol	402	91.0	"	909	ND	44.2	10-137		1.28	30	
2,4-Dinitrophenol	348	182	"	909	ND	38.2	10-171		14.8	30	
2,4-Dinitrotoluene	573	91.0	"	909	ND	63.0	16-135		3.62	30	
2,6-Dinitrotoluene	677	91.0	"	909	ND	74.5	18-131		40.3	30	Non-dir.
2-Chloronaphthalene	483	91.0	"	909	ND	53.1	10-129		2.59	30	
2-Chlorophenol	477	91.0	"	909	ND	52.4	15-116		1.23	30	
2-Methylnaphthalene	502	91.0	"	909	ND	55.2	10-147		6.45	30	
2-Methylphenol	515	91.0	"	909	ND	56.6	10-136		4.18	30	
2-Nitroaniline	618	182	"	909	ND	67.9	10-137		6.07	30	
2-Nitrophenol	431	91.0	"	909	ND	47.4	10-129		6.45	30	
3- & 4-Methylphenols	431	91.0	"	909	ND	47.4	10-123		2.05	30	
3,3-Dichlorobenzidine	487	91.0	"	909	ND	53.5	10-155		13.1	30	
3-Nitroaniline	653	182	"	909	ND	71.8	12-133		6.09	30	
4,6-Dinitro-2-methylphenol	361	182	"	909	ND	39.7	10-155		0.607	30	
4-Bromophenyl phenyl ether	484	91.0	"	909	ND	53.2	14-128		7.25	30	
4-Chloro-3-methylphenol	512	91.0	"	909	ND	56.3	10-134		6.45	30	
4-Chloroaniline	411	91.0	"	909	ND	45.2	10-145		3.79	30	
4-Chlorophenyl phenyl ether	471	91.0	"	909	ND	51.8	14-130		1.53	30	
4-Nitroaniline	658	182	"	909	ND	72.3	10-147		10.4	30	
4-Nitrophenol	508	182	"	909	ND	55.8	10-137		5.98	30	
Acenaphthene	583	91.0	"	909	66.9	56.8	10-146		5.22	30	
Acenaphthylene	538	91.0	"	909	72.8	51.2	10-134		3.32	30	
Acetophenone	425	91.0	"	909	ND	46.7	10-116		2.54	30	
Aniline	316	364	"	909	ND	34.7	10-123		0.230	30	
Anthracene	709	91.0	"	909	172	59.1	10-142		19.7	30	
Atrazine	505	91.0	"	909	ND	55.5	19-115		6.55	30	
Benzaldehyde	439	91.0	"	909	ND	48.3	10-125		6.87	30	
Benzo(a)anthracene	853	91.0	"	909	413	48.5	10-158		29.6	30	
Benzo(a)pyrene	877	91.0	"	909	399	52.6	10-180		26.7	30	
Benzo(b)fluoranthene	966	91.0	"	909	485	52.9	10-200		27.9	30	
Benzo(g,h,i)perylene	777	91.0	"	909	290	53.5	10-138		15.9	30	
Benzo(k)fluoranthene	691	91.0	"	909	175	56.7	10-197		18.3	30	
Benzoic acid	152	91.0	"	909	ND	16.7	10-166		0.477	30	
Benzyl alcohol	437	91.0	"	909	ND	48.0	12-124		3.44	30	
Benzyl butyl phthalate	479	91.0	"	909	ND	52.7	10-154		3.72	30	
Bis(2-chloroethoxy)methane	429	91.0	"	909	ND	47.1	10-132		1.71	30	
Bis(2-chloroethyl)ether	447	91.0	"	909	ND	49.2	10-119		11.0	30	
Bis(2-chloroisopropyl)ether	445	91.0	"	909	ND	49.0	10-139		3.32	30	
Bis(2-ethylhexyl)phthalate	691	91.0	"	909	123	62.5	10-167		12.2	30	
Caprolactam	516	182	"	909	ND	56.7	10-132		14.0	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE31068 - EPA 3550C											
Matrix Spike Dup (BE31068-MSD1)	*Source sample: 23E0546-01 (Matrix Spike Dup)							Prepared & Analyzed: 05/16/2023			
Carbazole	551	91.0	ug/kg dry	909	49.5	55.1	10-167		7.75	30	
Chrysene	851	91.0	"	909	409	48.6	10-156		28.8	30	
Dibenzo(a,h)anthracene	572	91.0	"	909	74.2	54.7	10-137		9.11	30	
Dibenzofuran	497	91.0	"	909	ND	54.6	10-147			30	
Diethyl phthalate	455	91.0	"	909	ND	50.1	20-120		0.796	30	
Dimethyl phthalate	442	91.0	"	909	ND	48.6	18-131		0.165	30	
Di-n-butyl phthalate	528	91.0	"	909	ND	58.1	10-137		2.72	30	
Di-n-octyl phthalate	597	91.0	"	909	ND	65.7	10-180		3.82	30	
Diphenylamine	989	182	"	909	ND	109	40-140		2.90	30	
Fluoranthene	1150	91.0	"	909	853	32.6	10-160		41.5	30	Non-dir.
Fluorene	647	91.0	"	909	ND	71.1	10-157		7.47	30	
Hexachlorobenzene	773	91.0	"	909	ND	85.0	10-137		24.3	30	
Hexachlorobutadiene	457	91.0	"	909	ND	50.2	10-132		6.75	30	
Hexachlorocyclopentadiene	ND	91.0	"	909	ND		10-106	Low Bias		30	
Hexachloroethane	381	91.0	"	909	ND	41.8	10-110		0.191	30	
Indeno(1,2,3-cd)pyrene	837	91.0	"	909	308	58.1	10-144		20.1	30	
Isophorone	469	91.0	"	909	ND	51.6	10-132		0.622	30	
Naphthalene	533	91.0	"	909	48.7	53.2	10-141		0.685	30	
Nitrobenzene	407	91.0	"	909	ND	44.7	10-131		1.42	30	
N-Nitrosodimethylamine	372	91.0	"	909	ND	40.9	10-126		17.0	30	
N-nitroso-di-n-propylamine	455	91.0	"	909	ND	50.0	10-125		0.481	30	
N-Nitrosodiphenylamine	1280	91.0	"	909	ND	141	10-177		19.0	30	
Pentachlorophenol	370	91.0	"	909	ND	40.7	10-153		15.9	30	
Phenanthrene	971	91.0	"	909	578	43.2	10-148		42.3	30	Non-dir.
Phenol	498	91.0	"	909	ND	54.7	10-126		1.62	30	
Pyrene	1130	91.0	"	909	904	24.6	10-165		37.5	30	Non-dir.
Surrogate: SURR: 2-Fluorophenol	*892*		*"*	*1820*		*49.0*	*20-108*				
Surrogate: SURR: Phenol-d6	*941*		*"*	*1820*		*51.7*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*464*		*"*	*909*		*51.0*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*445*		*"*	*909*		*49.0*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1330*		*"*	*1820*		*73.1*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*540*		*"*	*909*		*59.4*	*24-116*				

Semivolatile Organic Compounds by GC/MS TIC - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE31068 - EPA 3550C											
Blank (BE31068-BLK1)											Prepared & Analyzed: 05/16/2023
Tentatively Identified Compounds	0.00		ug/kg wet								

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE31079 - EPA 3550C											
Blank (BE31079-BLK1)											Prepared: 05/16/2023 Analyzed: 05/17/2023
4,4'-DDD	ND	1.65	ug/kg wet								
4,4'-DDE	ND	1.65	"								
4,4'-DDT	ND	1.65	"								
Aldrin	ND	1.65	"								
alpha-BHC	ND	1.65	"								
alpha-Chlordane	ND	1.65	"								
beta-BHC	ND	1.65	"								
Chlordane, total	ND	3.30	"								
delta-BHC	ND	1.65	"								
Dieldrin	ND	1.65	"								
Endosulfan I	ND	1.65	"								
Endosulfan II	ND	1.65	"								
Endosulfan sulfate	ND	1.65	"								
Endrin	ND	1.65	"								
Endrin aldehyde	ND	1.65	"								
Endrin ketone	ND	1.65	"								
gamma-BHC (Lindane)	ND	1.65	"								
gamma-Chlordane	ND	1.65	"								
Heptachlor	ND	1.65	"								
Heptachlor epoxide	ND	1.65	"								
Methoxychlor	ND	8.25	"								
Toxaphene	ND	83.5	"								
Chlordane, total (alpha, gamma)	ND	1.65	"								
Surrogate: Tetrachloro-m-xylene	*43.3*		*"*	*66.7*		*64.9*	*30-140*				
Surrogate: Decachlorobiphenyl	*59.3*		*"*	*66.7*		*89.0*	*30-140*				
LCS (BE31079-BS1)											Prepared: 05/16/2023 Analyzed: 05/17/2023
4,4'-DDD	28.5	1.65	ug/kg wet	33.3		85.4	40-140				
4,4'-DDE	26.0	1.65	"	33.3		78.1	40-140				
4,4'-DDT	22.3	1.65	"	33.3		66.8	40-140				
Aldrin	25.0	1.65	"	33.3		75.1	40-140				
alpha-BHC	25.0	1.65	"	33.3		75.0	40-140				
alpha-Chlordane	27.6	1.65	"	33.3		82.9	40-140				
beta-BHC	28.3	1.65	"	33.3		85.0	40-140				
delta-BHC	23.4	1.65	"	33.3		70.2	40-140				
Dieldrin	27.3	1.65	"	33.3		81.9	40-140				
Endosulfan I	28.0	1.65	"	33.3		83.9	40-140				
Endosulfan II	28.0	1.65	"	33.3		84.0	40-140				
Endosulfan sulfate	27.9	1.65	"	33.3		83.8	40-140				
Endrin	26.1	1.65	"	33.3		78.2	40-140				
Endrin aldehyde	27.5	1.65	"	33.3		82.6	40-140				
Endrin ketone	29.3	1.65	"	33.3		87.9	40-140				
gamma-BHC (Lindane)	25.0	1.65	"	33.3		75.0	40-140				
gamma-Chlordane	26.8	1.65	"	33.3		80.3	40-140				
Heptachlor	23.7	1.65	"	33.3		71.2	40-140				
Heptachlor epoxide	27.4	1.65	"	33.3		82.3	40-140				
Methoxychlor	25.0	8.25	"	33.3		75.1	40-140				
Surrogate: Tetrachloro-m-xylene	*44.8*		*"*	*66.7*		*67.2*	*30-140*				
Surrogate: Decachlorobiphenyl	*64.5*		*"*	*66.7*		*96.8*	*30-140*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE31079 - EPA 3550C											
Matrix Spike (BE31079-MS1)	*Source sample: 23E0826-03 (C-3)								Prepared: 05/16/2023 Analyzed: 05/18/2023		
4,4'-DDD	12.4	1.75	ug/kg dry	35.4	ND	35.1	30-150				
4,4'-DDE	15.7	1.75	"	35.4	1.99	38.7	30-150				
4,4'-DDT	17.6	1.75	"	35.4	ND	49.8	30-150				
Aldrin	24.5	1.75	"	35.4	12.2	34.8	30-150				
alpha-BHC	15.7	1.75	"	35.4	ND	44.3	30-150				
alpha-Chlordane	19.3	1.75	"	35.4	2.76	46.7	30-150				
beta-BHC	16.0	1.75	"	35.4	ND	45.3	30-150				
delta-BHC	12.5	1.75	"	35.4	ND	35.3	30-150				
Dieldrin	17.8	1.75	"	35.4	2.18	44.2	30-150				
Endosulfan I	14.3	1.75	"	35.4	ND	40.4	30-150				
Endosulfan II	13.9	1.75	"	35.4	ND	39.4	30-150				
Endosulfan sulfate	14.3	1.75	"	35.4	ND	40.4	30-150				
Endrin	15.8	1.75	"	35.4	ND	44.8	30-150				
Endrin aldehyde	15.4	1.75	"	35.4	ND	43.6	30-150				
Endrin ketone	14.7	1.75	"	35.4	ND	41.6	30-150				
gamma-BHC (Lindane)	15.0	1.75	"	35.4	ND	42.4	30-150				
gamma-Chlordane	23.6	1.75	"	35.4	2.91	58.3	30-150				
Heptachlor	17.8	1.75	"	35.4	ND	50.3	30-150				
Heptachlor epoxide	14.1	1.75	"	35.4	2.13	33.9	30-150				
Methoxychlor	20.6	8.76	"	35.4	ND	58.3	30-150				
Surrogate: Tetrachloro-m-xylene	*24.4*		*"*	*70.8*		*34.4*	*30-140*				
Surrogate: Decachlorobiphenyl	*28.4*		*"*	*70.8*		*40.2*	*30-140*				
Matrix Spike Dup (BE31079-MSD1)	*Source sample: 23E0826-03 (C-3)								Prepared: 05/16/2023 Analyzed: 05/18/2023		
4,4'-DDD	12.1	1.78	ug/kg dry	35.9	ND	33.7	30-150		2.74	30	
4,4'-DDE	14.7	1.78	"	35.9	1.99	35.3	30-150		6.93	30	
4,4'-DDT	16.5	1.78	"	35.9	ND	46.0	30-150		6.65	30	
Aldrin	21.2	1.78	"	35.9	12.2	25.3	30-150	Low Bias	14.3	30	
alpha-BHC	16.4	1.78	"	35.9	ND	45.7	30-150		4.55	30	
alpha-Chlordane	18.3	1.78	"	35.9	2.76	43.4	30-150		5.07	30	
beta-BHC	16.5	1.78	"	35.9	ND	45.9	30-150		2.61	30	
delta-BHC	15.0	1.78	"	35.9	ND	41.8	30-150		18.1	30	
Dieldrin	15.1	1.78	"	35.9	2.18	36.0	30-150		16.6	30	
Endosulfan I	13.6	1.78	"	35.9	ND	38.0	30-150		4.97	30	
Endosulfan II	13.2	1.78	"	35.9	ND	36.8	30-150		5.41	30	
Endosulfan sulfate	15.2	1.78	"	35.9	ND	42.5	30-150		6.36	30	
Endrin	15.0	1.78	"	35.9	ND	41.7	30-150		5.66	30	
Endrin aldehyde	14.5	1.78	"	35.9	ND	40.3	30-150		6.49	30	
Endrin ketone	14.9	1.78	"	35.9	ND	41.4	30-150		0.741	30	
gamma-BHC (Lindane)	14.5	1.78	"	35.9	ND	40.5	30-150		3.35	30	
gamma-Chlordane	23.3	1.78	"	35.9	2.91	56.8	30-150		1.14	30	
Heptachlor	14.9	1.78	"	35.9	ND	41.6	30-150		17.6	30	
Heptachlor epoxide	13.0	1.78	"	35.9	2.13	30.3	30-150		8.56	30	
Methoxychlor	20.0	8.88	"	35.9	ND	55.7	30-150		3.36	30	
Surrogate: Tetrachloro-m-xylene	*20.2*		*"*	*71.7*		*28.1*	*30-140*				
Surrogate: Decachlorobiphenyl	*28.4*		*"*	*71.7*		*39.6*	*30-140*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE31079 - EPA 3550C											
Blank (BE31079-BLK2)								Prepared: 05/16/2023 Analyzed: 05/17/2023			
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Aroclor 1262	ND	0.0167	"								
Aroclor 1268	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
Surrogate: Tetrachloro-m-xylene	*0.0547*		*"*	*0.0667*		*82.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0530*		*"*	*0.0667*		*79.5*	*30-140*				
LCS (BE31079-BS2)								Prepared: 05/16/2023 Analyzed: 05/17/2023			
Aroclor 1016	0.321	0.0167	mg/kg wet	0.333		96.2	40-130				
Aroclor 1260	0.347	0.0167	"	0.333		104	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0567*		*"*	*0.0667*		*85.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0600*		*"*	*0.0667*		*90.0*	*30-140*				
Matrix Spike (BE31079-MS2)	*Source sample: 23E0826-03 (C-3)							Prepared: 05/16/2023 Analyzed: 05/18/2023			
Aroclor 1016	0.0446	0.0181	mg/kg dry	0.362	ND	12.3	40-140	Low Bias			
Aroclor 1260	0.119	0.0181	"	0.362	ND	32.8	40-140	Low Bias			
Surrogate: Tetrachloro-m-xylene	*0.0395*		*"*	*0.0725*		*54.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0297*		*"*	*0.0725*		*41.0*	*30-140*				
Matrix Spike Dup (BE31079-MSD2)	*Source sample: 23E0826-03 (C-3)							Prepared: 05/16/2023 Analyzed: 05/18/2023			
Aroclor 1016	0.0258	0.0180	mg/kg dry	0.361	ND	7.14	40-140	Low Bias	53.4	50	Non-dir.
Aroclor 1260	0.0973	0.0180	"	0.361	ND	27.0	40-140	Low Bias	19.8	50	
Surrogate: Tetrachloro-m-xylene	*0.0397*		*"*	*0.0722*		*55.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0292*		*"*	*0.0722*		*40.5*	*30-140*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE31072 - EPA 3550C/8151A											
Blank (BE31072-BLK1)								Prepared: 05/16/2023 Analyzed: 05/18/2023			
2,4,5-T	ND	20.0	ug/kg wet								
2,4,5-TP (Silvex)	ND	20.0	"								
2,4-D	ND	20.0	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*392*		*"*	*417*		*94.0*	*21-150*				
LCS (BE31072-BS1)								Prepared: 05/16/2023 Analyzed: 05/18/2023			
2,4,5-T	112	20.0	ug/kg wet	133		83.8	10-120				
2,4,5-TP (Silvex)	110	20.0	"	133		82.5	10-120				
2,4-D	121	20.0	"	133		90.6	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*339*		*"*	*417*		*81.4*	*21-150*				
Matrix Spike (BE31072-MS1)	*Source sample: 23E0826-06 (C-6)							Prepared: 05/16/2023 Analyzed: 05/18/2023			
2,4,5-T	34.2	21.0	ug/kg dry	140	ND	24.4	10-120				
2,4,5-TP (Silvex)	33.3	21.0	"	140	ND	23.8	10-120				
2,4-D	40.3	21.0	"	140	ND	28.8	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*92.8*		*"*	*438*		*21.2*	*21-150*				
Matrix Spike Dup (BE31072-MSD1)	*Source sample: 23E0826-06 (C-6)							Prepared: 05/16/2023 Analyzed: 05/18/2023			
2,4,5-T	44.8	21.5	ug/kg dry	143	ND	31.2	10-120		27.0	35	
2,4,5-TP (Silvex)	44.8	21.5	"	143	ND	31.2	10-120		29.5	35	
2,4-D	51.1	21.5	"	143	ND	35.6	10-118		23.6	35	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*68.1*		*"*	*448*		*15.2*	*21-150*				

Gas Chromatography/Flame Ionization Detector - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE31071 - EPA 3546 ETPH											
Blank (BE31071-BLK1)								Prepared: 05/16/2023 Analyzed: 05/18/2023			
ETPH (Extractable Total Petroleum Hydrocarbons)	ND	40.0	mg/kg wet								
Surrogate: 1-Chlorooctadecane	*7.99*		*"*	*10.0*		*79.9*	*50-150*				
LCS (BE31071-BS1)								Prepared: 05/16/2023 Analyzed: 05/18/2023			
ETPH (Extractable Total Petroleum Hydrocarbons)	63.7	40.0	mg/kg wet	75.0		85.0	39.8-123				
Surrogate: 1-Chlorooctadecane	*6.39*		*"*	*10.0*		*63.9*	*50-150*				
Batch BE31074 - EPA 3545A											
Blank (BE31074-BLK1)								Prepared & Analyzed: 05/16/2023			
Total EPH	ND	50.0	mg/kg wet								
Surrogate: 1-Chlorooctadecane	*8.33*		*"*	*10.0*		*83.3*	*31.6-128*				
Surrogate: o-Terphenyl	*8.17*		*"*	*10.0*		*81.7*	*28.7-124*				
LCS (BE31074-BS1)								Prepared & Analyzed: 05/16/2023			
Total EPH	118	50.0	mg/kg wet	160		73.8	40-140				
Surrogate: 1-Chlorooctadecane	*8.75*		*"*	*10.0*		*87.5*	*31.6-128*				
Surrogate: o-Terphenyl	*8.53*		*"*	*10.0*		*85.3*	*28.7-124*				
LCS Dup (BE31074-BSD1)								Prepared & Analyzed: 05/16/2023			
Total EPH	107	50.0	mg/kg wet	160		66.6	40-140		10.3	30	
Surrogate: 1-Chlorooctadecane	*8.05*		*"*	*10.0*		*80.5*	*31.6-128*				
Surrogate: o-Terphenyl	*7.74*		*"*	*10.0*		*77.4*	*28.7-124*				
Duplicate (BE31074-DUP1)	*Source sample: 23E0731-44 (Duplicate)							Prepared & Analyzed: 05/16/2023			
Total EPH	ND	54.0	mg/kg dry		ND					200	
Surrogate: 1-Chlorooctadecane	*9.92*		*"*	*10.8*		*91.8*	*31.6-128*				
Surrogate: o-Terphenyl	*9.52*		*"*	*10.8*		*88.1*	*28.7-124*				

Gas Chromatography/Flame Ionization Detector - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE31074 - EPA 3545A											
Matrix Spike (BE31074-MS1)	*Source sample: 23E0731-44 (Matrix Spike)							Prepared & Analyzed: 05/16/2023			
Total EPH	141	54.0	mg/kg dry	173	ND	81.3	30-140				
Surrogate: 1-Chlorooctadecane	*8.88*		"	*10.8*		*82.2*	*31.6-128*				
Surrogate: o-Terphenyl	*8.45*		"	*10.8*		*78.2*	*28.7-124*				
Batch BE31330 - EPA 3546 ETPH											
Blank (BE31330-BLK1)								Prepared & Analyzed: 05/19/2023			
ETPH (Extractable Total Petroleum Hydrocarbons)	ND	39.6	mg/kg wet								
Surrogate: 1-Chlorooctadecane	*7.97*		"	*9.90*		*80.5*	*50-150*				
LCS (BE31330-BS1)								Prepared & Analyzed: 05/19/2023			
ETPH (Extractable Total Petroleum Hydrocarbons)	70.4	39.6	mg/kg wet	74.3		94.8	39.8-123				
Surrogate: 1-Chlorooctadecane	*8.07*		"	*9.90*		*81.5*	*50-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE31197 - EPA 3050B											
Blank (BE31197-BLK1)									Prepared: 05/17/2023 Analyzed: 05/19/2023		
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Duplicate (BE31197-DUP1)	*Source sample: 23E0971-04 (Duplicate)								Prepared: 05/17/2023 Analyzed: 05/19/2023		
Aluminum	4310	6.00	mg/kg dry		6200				35.8	35	Non-dir.
Antimony	14.2	3.00	"		7.91				56.6	35	Non-dir.
Arsenic	12.4	1.80	"		8.65				35.9	35	Non-dir.
Barium	67.6	2.99	"		69.0				2.05	35	
Beryllium	ND	0.060	"		ND					35	
Cadmium	ND	0.360	"		0.716					35	
Calcium	27800	6.00	"		36200				26.3	35	
Chromium	30.1	0.600	"		42.4				33.8	35	
Cobalt	7.73	0.479	"		7.00				9.94	35	
Copper	278	2.40	"		269				3.38	35	
Iron	42500	30.0	"		29400				36.6	35	Non-dir.
Lead	257	0.600	"		310				18.9	35	
Magnesium	10300	6.00	"		14800				35.6	35	Non-dir.
Manganese	294	0.600	"		246				17.6	35	
Nickel	26.6	1.19	"		23.8				11.3	35	
Potassium	531	6.00	"		994				60.6	35	Non-dir.
Selenium	ND	3.00	"		ND					35	
Silver	ND	0.605	"		ND					35	
Sodium	565	60.0	"		606				6.86	35	
Thallium	8.86	3.00	"		5.11				53.8	35	Non-dir.
Vanadium	25.0	1.19	"		25.3				1.50	35	
Zinc	652	2.99	"		468				32.8	35	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE31197 - EPA 3050B											
Matrix Spike (BE31197-MS1)	*Source sample: 23E0971-04 (Matrix Spike)							Prepared: 05/17/2023 Analyzed: 05/19/2023			
Aluminum	4860	6.00	mg/kg dry	240	6200	NR	75-125	Low Bias			
Antimony	19.8	3.00	"	30.0	7.91	39.8	75-125	Low Bias			
Arsenic	218	1.80	"	240	8.65	87.1	75-125				
Barium	360	2.99	"	240	69.0	121	75-125				
Beryllium	5.27	0.060	"	6.00	ND	87.8	75-125				
Cadmium	5.01	0.360	"	6.00	0.716	71.6	75-125	Low Bias			
Calcium	25600	6.00	"	120	36200	NR	75-125	Low Bias			
Chromium	55.1	0.600	"	24.0	42.4	52.8	75-125	Low Bias			
Cobalt	59.5	0.479	"	60.0	7.00	87.6	75-125				
Copper	296	2.40	"	30.0	269	88.9	75-125				
Iron	32200	30.0	"	120	29400	NR	75-125	High Bias			
Lead	436	0.600	"	60.0	310	209	75-125	High Bias			
Magnesium	8900	6.00	"	120	14800	NR	75-125	Low Bias			
Manganese	311	0.600	"	60.0	246	107	75-125				
Nickel	117	1.19	"	60.0	23.8	155	75-125	High Bias			
Potassium	670	6.00	"	120	994	NR	75-125	Low Bias			
Selenium	131	3.00	"	240	ND	54.5	75-125	Low Bias			
Silver	1.60	0.605	"	6.00	ND	26.7	75-125	Low Bias			
Sodium	699	60.0	"	120	606	78.0	75-125				
Thallium	198	3.00	"	240	5.11	80.2	75-125				
Vanadium	81.9	1.19	"	60.0	25.3	94.3	75-125				
Zinc	874	2.99	"	60.0	468	677	75-125	High Bias			
Post Spike (BE31197-PS1)	*Source sample: 23E0971-04 (Post Spike)							Prepared: 05/17/2023 Analyzed: 05/19/2023			
Aluminum	53.1		ug/mL	1.00	51.6	147	75-125	High Bias			
Antimony	0.191		"	0.125	0.066	99.7	75-125				
Arsenic	1.10		"	1.00	0.072	102	75-125				
Barium	1.60		"	1.00	0.576	102	75-125				
Beryllium	0.024		"	0.0250	-0.0008	94.9	75-125				
Cadmium	0.029		"	0.0250	0.006	93.3	75-125				
Calcium	304		"	0.500	302	517	75-125	High Bias			
Chromium	0.447		"	0.100	0.353	94.1	75-125				
Cobalt	0.297		"	0.250	0.058	95.5	75-125				
Copper	2.40		"	0.125	2.24	123	75-125				
Iron	239		"	0.500	245	NR	75-125	Low Bias			
Lead	2.92		"	0.250	2.59	131	75-125	High Bias			
Magnesium	121		"	0.500	123	NR	75-125	Low Bias			
Manganese	2.25		"	0.250	2.05	79.4	75-125				
Nickel	0.438		"	0.250	0.198	96.1	75-125				
Potassium	8.88		"	0.500	8.28	120	75-125				
Selenium	0.578		"	1.00	-0.260	57.8	75-125	Low Bias			
Silver	0.0007		"	0.0250	-0.027	2.61	75-125	Low Bias			
Sodium	5.59		"	0.500	5.05	109	75-125				
Thallium	0.968		"	1.00	0.043	92.5	75-125				
Vanadium	0.461		"	0.250	0.211	99.8	75-125				
Zinc	4.14		"	0.250	3.90	96.6	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE31197 - EPA 3050B											
Reference (BE31197-SRM1)											Prepared: 05/17/2023 Analyzed: 05/19/2023
Aluminum	8040	4.17	mg/kg wet	8040		100	49.9-150.5				
Antimony	64.4	2.08	"	129		49.9	18-250.4				
Arsenic	195	1.25	"	183		106	69.9-130.1				
Barium	330	2.08	"	297		111	75.1-125.3				
Beryllium	81.5	0.042	"	78.8		103	75-124.9				
Cadmium	238	0.250	"	221		108	75.1-124.9				
Calcium	4790	4.17	"	4710		102	72.4-127.4				
Chromium	209	0.417	"	200		105	70-130				
Cobalt	110	0.333	"	97.4		113	74.9-125.3				
Copper	155	1.67	"	136		114	75-125				
Iron	13200	20.8	"	14000		94.1	34.9-165.7				
Lead	261	0.417	"	257		102	73.9-126.1				
Magnesium	2400	4.17	"	2290		105	62-138.4				
Manganese	402	0.417	"	381		105	75.9-124.1				
Nickel	204	0.830	"	169		121	69.8-129.6				
Potassium	2000	4.17	"	2030		98.6	59.1-140.9				
Selenium	177	2.08	"	217		81.7	69.1-131.3				
Silver	61.0	0.420	"	67.8		90.0	70.6-129.2				
Sodium	459	41.7	"	427		107	58.3-141.9				
Thallium	83.1	2.08	"	80.5		103	65.1-135.4				
Vanadium	208	0.830	"	205		101	74.6-125.4				
Zinc	238	2.08	"	224		106	70.1-130.4				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE31198 - EPA 7473 soil											
Blank (BE31198-BLK1)								Prepared & Analyzed: 05/17/2023			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BE31198-DUP1)	*Source sample: 23E0660-05 (Duplicate)							Prepared & Analyzed: 05/17/2023			
Mercury	0.123	0.0325	mg/kg dry		0.142				14.3	35	
Matrix Spike (BE31198-MS1)	*Source sample: 23E0660-05 (Matrix Spike)							Prepared & Analyzed: 05/17/2023			
Mercury	0.668		mg/kg	0.500	0.131	108	75-125				
Reference (BE31198-SRM1)								Prepared & Analyzed: 05/17/2023			
Mercury	34.816		mg/kg	27.2		128	59.9-140.1				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE31039 - Analysis Preparation											
Duplicate (BE31039-DUP1)	*Source sample: 23E0826-01 (C-1)							Prepared & Analyzed: 05/15/2023			
pH	11.1	0.500	pH units		11.2				0.537	10	
Batch BE31205 - Analysis Preparation Soil											
Blank (BE31205-BLK1)								Prepared & Analyzed: 05/17/2023			
Cyanide, total	ND	0.500	mg/kg wet								
Duplicate (BE31205-DUP1)	*Source sample: 23E0748-11 (Duplicate)							Prepared & Analyzed: 05/17/2023			
Cyanide, total	ND	0.512	mg/kg dry		ND					15	
Matrix Spike (BE31205-MS1)	*Source sample: 23E0748-11 (Matrix Spike)							Prepared & Analyzed: 05/17/2023			
Cyanide, total	9.57	0.512	mg/kg dry	10.2	ND	93.5	79.6-107				
Matrix Spike Dup (BE31205-MSD1)	*Source sample: 23E0748-11 (Matrix Spike Dup)							Prepared & Analyzed: 05/17/2023			
Cyanide, total	9.26	0.512	mg/kg dry	10.2	ND	90.5	79.6-107		3.26	200	
Reference (BE31205-SRM1)								Prepared & Analyzed: 05/17/2023			
Cyanide, total	140		ug/mL	131		107	44.4-156.5				
Batch BE31244 - Analysis Preparation Soil											
Blank (BE31244-BLK1)								Prepared & Analyzed: 05/18/2023			
Cyanide, total	ND	0.500	mg/kg wet								
Duplicate (BE31244-DUP1)	*Source sample: 23E0784-04 (Duplicate)							Prepared & Analyzed: 05/18/2023			
Cyanide, total	ND	0.547	mg/kg dry		ND					15	

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE31244 - Analysis Preparation Soil											
Matrix Spike (BE31244-MS1)	*Source sample: 23E0784-04 (Matrix Spike)								Prepared & Analyzed: 05/18/2023		
Cyanide, total	7.66	0.547	mg/kg dry	10.9	ND	70.0	79.6-107	Low Bias			
Matrix Spike Dup (BE31244-MSD1)	*Source sample: 23E0784-04 (Matrix Spike Dup)								Prepared & Analyzed: 05/18/2023		
Cyanide, total	4.05	0.547	mg/kg dry	10.9	ND	37.0	79.6-107	Low Bias	61.7	200	
Reference (BE31244-SRM1)									Prepared & Analyzed: 05/18/2023		
Cyanide, total	82.5		ug/mL	131		63.0	44.4-156.5				
Batch BE31300 - EPA SW846-3060											
Blank (BE31300-BLK1)									Prepared & Analyzed: 05/18/2023		
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Duplicate (BE31300-DUP1)	*Source sample: 23E0802-01 (Duplicate)								Prepared & Analyzed: 05/18/2023		
Chromium, Hexavalent	ND	0.573	mg/kg dry		ND					35	
Matrix Spike (BE31300-MS1)	*Source sample: 23E0802-01 (Matrix Spike)								Prepared & Analyzed: 05/18/2023		
Chromium, Hexavalent	19.1	0.573	mg/kg dry	22.9	ND	83.4	75-125				
Matrix Spike Dup (BE31300-MSD1)	*Source sample: 23E0802-01 (Matrix Spike Dup)								Prepared & Analyzed: 05/18/2023		
Chromium, Hexavalent	19.4	0.573	mg/kg dry	22.9	ND	84.4	75-125		1.19	200	
Reference (BE31300-SRM1)									Prepared & Analyzed: 05/18/2023		
Chromium, Hexavalent	185		mg/L	227		81.7	42.3-157.7				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE31040 - Analysis Preparation											
Duplicate (BE31040-DUP1)	*Source sample: 23E0826-01 (C-1)								Prepared & Analyzed: 05/15/2023		
ORP (Oxidation-Reduction Potential) (Ag/AgCl)	340	-200	mV		380				10.3	30	
Batch BE31264 - % Solids Prep											
Duplicate (BE31264-DUP1)	*Source sample: 23E0828-11 (Duplicate)								Prepared & Analyzed: 05/18/2023		
% Solids	91.7	0.100	%		91.2				0.555	20	

Leachate Preparations - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE30977 - EPA SW 846-1312 ZHE for SPLP Volatiles											
Blank (BE30977-BLK1)									Prepared: 05/15/2023 Analyzed: 05/16/2023		
SPLP Extraction	Completed	1.00	N/A								
Batch BE30979 - EPA SW 846-1312 SPLP Extraction for BNA/Pest/Herb											
Blank (BE30979-BLK1)									Prepared: 05/15/2023 Analyzed: 05/16/2023		
SPLP Extraction	Completed	1.00	N/A								
Batch BE30980 - EPA SW 846-1312 SPLP for Extr. for Metals											
Blank (BE30980-BLK1)									Prepared: 05/15/2023 Analyzed: 05/16/2023		
SPLP Extraction	Completed	1.00	N/A								

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
23E0826-01	C-1	40mL Vial with Stir Bar-Cool 4° C
23E0826-02	C-2	40mL Vial with Stir Bar-Cool 4° C
23E0826-03	C-3	40mL Vial with Stir Bar-Cool 4° C
23E0826-04	C-4	40mL Vial with Stir Bar-Cool 4° C
23E0826-05	C-5	40mL Vial with Stir Bar-Cool 4° C
23E0826-06	C-6	40mL Vial with Stir Bar-Cool 4° C
23E0826-07	C-7	40mL Vial with Stir Bar-Cool 4° C
23E0826-08	C-8	40mL Vial with Stir Bar-Cool 4° C

Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
EXT-COMP	Completed
EXT-Temp	Extraction temperture slightly exceeded acceptance range.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
PCB-I	PCB calculations are based uoon the average response of 5 peaks for each Aroclor. For this sample an internference was present and the analyst was unable to use all 5 peaks.
Temp_S2	The samples were delivered directly from the field by the client. Upon receipt, the temperature of the samples exceeded 6 deg. C. Ice was not present and the temperature excursion is noted accordingly.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
S-08	The recovery of this surrogate was outside of QC limits.
S-GC	Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) exceeded 110% of the expected value. Positive detections may be biased high.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported

RPD Relative Percent Difference

Wet The data has been reported on an as-received (wet weight) basis

Low Bias Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Corrective Action: Cooler was received in Queens @ 34.5c, ice was not present.

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 23E0828 (TFG) 26

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time	Report/Deliverable Type
Company: Grid Logistics	SAME [X]	SAME [X]	Durante Bros	RUSH-Same Day	Summary Report X
Address:	Name:	Name:		RUSH-Next Day	QA Report
	Company:	Company:	Purchase Order #	RUSH-Two Day X	CT RCP
Phone.:	Address:	Address:		RUSH-Three Day	CT RCP DQA/DUE Pkg
Contact: Chris Z.				RUSH-Four Day	NY ASP A Package
E-mail:	E-mail:	E-mail	Samples from CT__NY__NJ__	Standard (5-7day)	NY ASP B Package
					NJDEP Reduced Deliv
					Excel X
					NYSDEC EQuIS
					NJDEP SRP HazSite
					EQuIS
					GIS/KEY (std)
					YORK Regulatory Comp Excel compared to:
					OTHER:

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Houpeng Lau
Name (printed)

Matrix Codes
S - soil
Other - specify (oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360-Expanded No Dioxins/Furans
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded Full List
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
C-1	5/12/2023 0918	S	TAL/TCL + 30, incl VOCs, Herbicides, EPH Cat 2, CT ETPH, SPLP Extraction	2 Jars, 4 vials
C-2	5/12/2023 0920	S	TAL/TCL + 30, incl VOCs, Herbicides, EPH Cat 2, CT ETPH, SPLP Extraction	2 Jars, 4 vials
C-3	5/12/2023 0908	S	TAL/TCL + 30, incl VOCs, Herbicides, EPH Cat 2, CT ETPH, SPLP Extraction	2 Jars, 4 vials
C-4	5/12/2023 0910	S	TAL/TCL + 30, incl VOCs, Herbicides, EPH Cat 2, CT ETPH, SPLP Extraction	2 Jars, 4 vials
C-5	5/12/2023 0850	S	TAL/TCL + 30, incl VOCs, Herbicides, EPH Cat 2, CT ETPH, SPLP Extraction	2 Jars, 4 vials
C-6	5/12/2023 0857	S	TAL/TCL + 30, incl VOCs, Herbicides, EPH Cat 2, CT ETPH, SPLP Extraction	2 Jars, 4 vials
C-7	5/12/2023 0835	S	TAL/TCL + 30, incl VOCs, Herbicides, EPH Cat 2, CT ETPH, SPLP Extraction	2 Jars, 4 vials
C-8	5/12/2023 0838	S	TAL/TCL + 30, incl VOCs, Herbicides, EPH Cat 2, CT ETPH, SPLP Extraction	2 Jars, 4 vials

Comments: Vials Retained in Queens

Preservation (check all applicable): 4°C ____ Frozen ____ HCl ____ MeOH ____ HNO_3 ____ H_2SO_4 ____ NaOH ____ ZnAc ____ Ascorbic Acid ____ Other ____

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
Houpeng Lau	5/12/2023 1405		5/12/23
	5/12/23		5/12/23
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time
	17:45		2115

Temperature on Receipt: 34.5°C noted on ice; 4.0 °C

REC-Victor D. York 5/12/23 17:45 REC-Victor D. York 5/12/23 2115

Technical Report

prepared for:

Grid Logistics LLC
78 John Miller Way, Suite 312
Kearny NJ, 07032
Attention: Chris Zacharias

Report Date: 05/19/2023
Client Project ID: Durante Bros
York Project (SDG) No.: 23E0828

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 05/19/2023
Client Project ID: Durante Bros
York Project (SDG) No.: 23E0828

Grid Logistics LLC
78 John Miller Way, Suite 312
Kearny NJ, 07032
Attention: Chris Zacharias

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on May 12, 2023 and listed below. The project was identified as your project: **Durante Bros**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
23E0828-01	G-1	Soil	05/12/2023	05/12/2023
23E0828-02	G-2	Soil	05/12/2023	05/12/2023
23E0828-03	G-3	Soil	05/12/2023	05/12/2023
23E0828-04	G-4	Soil	05/12/2023	05/12/2023
23E0828-05	G-5	Soil	05/12/2023	05/12/2023
23E0828-06	G-6	Soil	05/12/2023	05/12/2023
23E0828-07	G-7	Soil	05/12/2023	05/12/2023
23E0828-08	G-8	Soil	05/12/2023	05/12/2023
23E0828-09	G-9	Soil	05/12/2023	05/12/2023
23E0828-10	G-10	Soil	05/12/2023	05/12/2023
23E0828-11	G-11	Soil	05/12/2023	05/12/2023

General Notes for York Project (SDG) No.: 23E0828

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By: **Date:** 05/19/2023

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: G-1 **York Sample ID:** 23E0828-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0828	Durante Bros	Soil	May 12, 2023 9:21 am	05/12/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 12:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 12:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 12:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 12:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 12:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 12:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 12:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 12:35 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 12:35 NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 12:35 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 12:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 12:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 12:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 12:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 12:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 12:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 12:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 12:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 12:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
123-91-1	1,4-Dioxane	ND		ug/kg dry	55	110	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 12:35 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
78-93-3	**2-Butanone**	**5.7**		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 12:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	BMC
591-78-6	2-Hexanone	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 12:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC

Sample Information

Client Sample ID: G-1 **York Sample ID:** 23E0828-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0828	Durante Bros	Soil	May 12, 2023 9:21 am	05/12/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/15/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 12:35	BMC
67-64-1	**Acetone**	**74**	CCVE, ICVE, QL-02	ug/kg dry	5.5	11	1	EPA 8260C Certifications:	05/15/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	05/15/2023 12:35	BMC
107-02-8	Acrolein	ND		ug/kg dry	5.5	11	1	EPA 8260C Certifications:	05/15/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 12:35	BMC
107-13-1	Acrylonitrile	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/15/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 12:35	BMC
71-43-2	Benzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/15/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 12:35	BMC
74-97-5	Bromochloromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/15/2023 09:09 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/15/2023 12:35	BMC
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/15/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 12:35	BMC
75-25-2	Bromoform	ND	QL-02, CCVE	ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/15/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 12:35	BMC
74-83-9	Bromomethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/15/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 12:35	BMC
75-15-0	Carbon disulfide	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/15/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 12:35	BMC
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/15/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 12:35	BMC
108-90-7	Chlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/15/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 12:35	BMC
75-00-3	Chloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/15/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 12:35	BMC
67-66-3	Chloroform	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/15/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 12:35	BMC
74-87-3	Chloromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/15/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 12:35	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/15/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 12:35	BMC
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/15/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 12:35	BMC
110-82-7	Cyclohexane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/15/2023 09:09 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/15/2023 12:35	BMC
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/15/2023 09:09 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/15/2023 12:35	BMC
74-95-3	Dibromomethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/15/2023 09:09 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/15/2023 12:35	BMC
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/15/2023 09:09 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/15/2023 12:35	BMC
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/15/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 12:35	BMC
87-68-3	Hexachlorobutadiene	ND	QL-02	ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/15/2023 09:09 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/15/2023 12:35	BMC

Sample Information

Client Sample ID: G-1 **York Sample ID:** 23E0828-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0828	Durante Bros	Soil	May 12, 2023 9:21 am	05/12/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 12:35	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-20-9	Methyl acetate	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 12:35	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 12:35	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 12:35	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	Methylene chloride	ND		ug/kg dry	5.5	11	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 12:35	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 12:35	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 12:35	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 12:35	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.5	11	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 12:35	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 12:35	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 12:35	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-42-5	Styrene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 12:35	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 12:35	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-06-6	tert-Butylbenzene	ND	QL-02	ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 12:35	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
127-18-4	Tetrachloroethylene	ND	QL-02	ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 12:35	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-88-3	Toluene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 12:35	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 12:35	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-02-6	trans-1,3-Dichloropropylene	ND	QL-02	ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 12:35	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 12:35	BMC CTDOH-PH-0723
79-01-6	Trichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 12:35	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 12:35	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 12:35	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.3	17	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 12:35	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: G-1 **York Sample ID:** 23E0828-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0828	Durante Bros	Soil	May 12, 2023 9:21 am	05/12/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*111 %*			*77-125*						
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.0 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*94.9 %*			*76-130*						

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 12:35	BMC

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.8**		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	05/18/2023 09:34	05/18/2023 14:12	sgs

Sample Information

Client Sample ID: G-2 **York Sample ID:** 23E0828-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0828	Durante Bros	Soil	May 12, 2023 9:22 am	05/12/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:03	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:03	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:03	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:03	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:03	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:03	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: G-2 **York Sample ID:** 23E0828-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0828	Durante Bros	Soil	May 12, 2023 9:22 am	05/12/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:03	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:03	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:03	BMC NELAC-NY10854,NELAC-NY12058,NJDEP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:03	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:03	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:03	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:03	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:03	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:03	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:03	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:03	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:03	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:03	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		ug/kg dry	48	97	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:03	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:03	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:03	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:03	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	**Acetone**	**88**	CCVE, ICVE, QL-02	ug/kg dry	4.8	9.7	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:03	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
107-02-8	Acrolein	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:03	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:03	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:03	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-97-5	Bromochloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:03	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:03	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: G-2 **York Sample ID:** 23E0828-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0828	Durante Bros	Soil	May 12, 2023 9:22 am	05/12/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-25-2	Bromoform	ND	CCVE, QL-02	ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:03	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:03	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:03	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:03	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:03	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:03	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:03	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:03	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:03	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:03	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:03	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:03	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:03	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:03	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:03	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND	QL-02	ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:03	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:03	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-20-9	Methyl acetate	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:03	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:03	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:03	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	Methylene chloride	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:03	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:03	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:03	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: G-2 **York Sample ID:** 23E0828-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0828	Durante Bros	Soil	May 12, 2023 9:22 am	05/12/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-47-6	o-Xylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/15/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	05/15/2023 13:03	BMC
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications:	05/15/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	05/15/2023 13:03	BMC
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/15/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 13:03	BMC
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/15/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 13:03	BMC
100-42-5	Styrene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/15/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 13:03	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/15/2023 09:09 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/15/2023 13:03	BMC
98-06-6	tert-Butylbenzene	ND	QL-02	ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/15/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 13:03	BMC
127-18-4	Tetrachloroethylene	ND	QL-02	ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/15/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 13:03	BMC
108-88-3	Toluene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/15/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 13:03	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/15/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 13:03	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND	QL-02	ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/15/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 13:03	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/15/2023 09:09 CTDOH-PH-0723	05/15/2023 13:03	BMC
79-01-6	Trichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/15/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 13:03	BMC
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/15/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 13:03	BMC
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/15/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 13:03	BMC
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.3	15	1	EPA 8260C Certifications:	05/15/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	05/15/2023 13:03	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*108 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*108 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:03	BMC

Sample Information

Client Sample ID: G-2 **York Sample ID:** 23E0828-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0828	Durante Bros	Soil	May 12, 2023 9:22 am	05/12/2023

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.3**		%	0.100	1	SM 2540G	05/18/2023 09:34	05/18/2023 14:12	sgs
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: G-3 **York Sample ID:** 23E0828-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0828	Durante Bros	Soil	May 12, 2023 9:23 am	05/12/2023

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	05/15/2023 09:09	05/15/2023 13:32	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	05/15/2023 09:09	05/15/2023 13:32	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	05/15/2023 09:09	05/15/2023 13:32	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	05/15/2023 09:09	05/15/2023 13:32	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	05/15/2023 09:09	05/15/2023 13:32	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	05/15/2023 09:09	05/15/2023 13:32	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	05/15/2023 09:09	05/15/2023 13:32	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	05/15/2023 09:09	05/15/2023 13:32	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	05/15/2023 09:09	05/15/2023 13:32	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	05/15/2023 09:09	05/15/2023 13:32	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	05/15/2023 09:09	05/15/2023 13:32	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	05/15/2023 09:09	05/15/2023 13:32	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	05/15/2023 09:09	05/15/2023 13:32	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	05/15/2023 09:09	05/15/2023 13:32	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			

Sample Information

Client Sample ID: G-3 **York Sample ID:** 23E0828-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0828	Durante Bros	Soil	May 12, 2023 9:23 am	05/12/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		ug/kg dry	61	120	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:32	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	**2-Butanone**	**7.7**		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
591-78-6	2-Hexanone	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	**Acetone**	**71**	CCVE, ICVE, QL-02	ug/kg dry	6.1	12	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
107-02-8	Acrolein	ND		ug/kg dry	6.1	12	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-97-5	Bromochloromethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:32	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND	CCVE, QL-02	ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: G-3 **York Sample ID:** 23E0828-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0828	Durante Bros	Soil	May 12, 2023 9:23 am	05/12/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
110-82-7	Cyclohexane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-95-3	Dibromomethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
87-68-3	Hexachlorobutadiene	ND	QL-02	ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
79-20-9	Methyl acetate	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-09-2	Methylene chloride	ND		ug/kg dry	6.1	12	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
95-47-6	o-Xylene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	BMC
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.1	12	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	BMC
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
100-42-5	Styrene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
98-06-6	tert-Butylbenzene	ND	QL-02	ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
127-18-4	Tetrachloroethylene	ND	QL-02	ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC

Sample Information

Client Sample ID: G-3 **York Sample ID:** 23E0828-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0828	Durante Bros	Soil	May 12, 2023 9:23 am	05/12/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	Toluene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	05/15/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 13:32	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	05/15/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 13:32	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND	QL-02	ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	05/15/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 13:32	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	05/15/2023 09:09 CTDOH-PH-0723	05/15/2023 13:32	BMC
79-01-6	Trichloroethylene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	05/15/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 13:32	BMC
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	05/15/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 13:32	BMC
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	05/15/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 13:32	BMC
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.1	18	1	EPA 8260C Certifications:	05/15/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	05/15/2023 13:32	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.6 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*107 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 13:32	BMC

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.2**		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	05/18/2023 09:34	05/18/2023 14:12	sgs

Sample Information

Client Sample ID: G-4 **York Sample ID:** 23E0828-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0828	Durante Bros	Soil	May 12, 2023 9:24 am	05/12/2023

Sample Information

Client Sample ID: G-4 **York Sample ID:** 23E0828-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0828	Durante Bros	Soil	May 12, 2023 9:24 am	05/12/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 14:00	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 14:00	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 14:00	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 14:00	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 14:00	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 14:00	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 14:00	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 14:00	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 14:00	BMC NELAC-NY10854,NELAC-NY12058,NJDEP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 14:00	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 14:00	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 14:00	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 14:00	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 14:00	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 14:00	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 14:00	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 14:00	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 14:00	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 14:00	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		ug/kg dry	56	110	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 14:00	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	**2-Butanone**	**4.9**	J	ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 14:00	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
591-78-6	2-Hexanone	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 14:00	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 14:00	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: G-4 **York Sample ID:** 23E0828-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0828	Durante Bros	Soil	May 12, 2023 9:24 am	05/12/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	**Acetone**	**62**	CCVE, ICVE, QL-02	ug/kg dry	5.6	11	1	EPA 8260C	05/15/2023 09:09	05/15/2023 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
107-02-8	Acrolein	ND		ug/kg dry	5.6	11	1	EPA 8260C	05/15/2023 09:09	05/15/2023 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-13-1	Acrylonitrile	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	05/15/2023 09:09	05/15/2023 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	Benzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	05/15/2023 09:09	05/15/2023 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-97-5	Bromochloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	05/15/2023 09:09	05/15/2023 14:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	05/15/2023 09:09	05/15/2023 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-25-2	Bromoform	ND	CCVE, QL-02	ug/kg dry	2.8	5.6	1	EPA 8260C	05/15/2023 09:09	05/15/2023 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-83-9	Bromomethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	05/15/2023 09:09	05/15/2023 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-15-0	Carbon disulfide	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	05/15/2023 09:09	05/15/2023 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	05/15/2023 09:09	05/15/2023 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-90-7	Chlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	05/15/2023 09:09	05/15/2023 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-00-3	Chloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	05/15/2023 09:09	05/15/2023 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-66-3	Chloroform	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	05/15/2023 09:09	05/15/2023 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-87-3	Chloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	05/15/2023 09:09	05/15/2023 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	05/15/2023 09:09	05/15/2023 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	05/15/2023 09:09	05/15/2023 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-82-7	Cyclohexane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	05/15/2023 09:09	05/15/2023 14:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	05/15/2023 09:09	05/15/2023 14:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	05/15/2023 09:09	05/15/2023 14:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/kg dry	2.8	5.6	1	EPA 8260C	05/15/2023 09:09	05/15/2023 14:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	05/15/2023 09:09	05/15/2023 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
87-68-3	Hexachlorobutadiene	ND	QL-02	ug/kg dry	2.8	5.6	1	EPA 8260C	05/15/2023 09:09	05/15/2023 14:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	05/15/2023 09:09	05/15/2023 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: G-4 **York Sample ID:** 23E0828-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0828	Durante Bros	Soil	May 12, 2023 9:24 am	05/12/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:09 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/15/2023 14:00	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 14:00	BMC
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:09 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/15/2023 14:00	BMC
75-09-2	Methylene chloride	ND		ug/kg dry	5.6	11	1	EPA 8260C Certifications:	05/15/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 14:00	BMC
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 14:00	BMC
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 14:00	BMC
95-47-6	o-Xylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	05/15/2023 14:00	BMC
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.6	11	1	EPA 8260C Certifications:	05/15/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	05/15/2023 14:00	BMC
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 14:00	BMC
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 14:00	BMC
100-42-5	Styrene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 14:00	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:09 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/15/2023 14:00	BMC
98-06-6	tert-Butylbenzene	ND	QL-02	ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 14:00	BMC
127-18-4	Tetrachloroethylene	ND	QL-02	ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 14:00	BMC
108-88-3	Toluene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 14:00	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 14:00	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND	QL-02	ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 14:00	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:09 CTDOH-PH-0723	05/15/2023 14:00	BMC
79-01-6	Trichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 14:00	BMC
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 14:00	BMC
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	05/15/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/15/2023 14:00	BMC
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.4	17	1	EPA 8260C Certifications:	05/15/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	05/15/2023 14:00	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*109 %*	*77-125*

Sample Information

Client Sample ID: G-4 **York Sample ID:** 23E0828-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0828	Durante Bros	Soil	May 12, 2023 9:24 am	05/12/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*107 %*			*76-130*						

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	05/15/2023 09:09	05/15/2023 14:00	BMC

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.2**		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	05/18/2023 09:34	05/18/2023 14:12	sgs

Sample Information

Client Sample ID: G-5 **York Sample ID:** 23E0828-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0828	Durante Bros	Soil	May 12, 2023 9:25 am	05/12/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:14	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:14	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:14	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:14	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:14	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:14	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: G-5 **York Sample ID:** 23E0828-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0828	Durante Bros	Soil	May 12, 2023 9:25 am	05/12/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:14	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:14	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:14	BMC NELAC-NY10854,NELAC-NY12058,NJDEP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:14	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:14	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:14	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:14	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:14	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:14	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:14	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:14	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:14	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:14	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		ug/kg dry	55	110	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:14	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:14	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:14	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:14	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	**Acetone**	**59**	ICVE, QL-02	ug/kg dry	5.5	11	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:14	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
107-02-8	Acrolein	ND	CCVE	ug/kg dry	5.5	11	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:14	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:14	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:14	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-97-5	Bromochloromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:14	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:14	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: G-5 **York Sample ID:** 23E0828-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0828	Durante Bros	Soil	May 12, 2023 9:25 am	05/12/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-25-2	Bromoform	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:14	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:14	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:14	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:14	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:14	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:14	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:14	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:14	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:14	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:14	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:14	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:14	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:14	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:14	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:14	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:14	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:14	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-20-9	Methyl acetate	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:14	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:14	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:14	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	Methylene chloride	ND		ug/kg dry	5.5	11	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:14	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:14	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:14	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: G-5 **York Sample ID:** 23E0828-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0828	Durante Bros	Soil	May 12, 2023 9:25 am	05/12/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-47-6	o-Xylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:14	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.5	11	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:14	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:14	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:14	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-42-5	Styrene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:14	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:14	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:14	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:14	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-88-3	Toluene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:14	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:14	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:14	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:14	BMC CTDOH-PH-0723
79-01-6	Trichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:14	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:14	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:14	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.3	17	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:14	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.0 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.5 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:14	BMC

Sample Information

Client Sample ID: G-5 **York Sample ID:** 23E0828-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0828	Durante Bros	Soil	May 12, 2023 9:25 am	05/12/2023

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.8**		%	0.100	1	SM 2540G	05/18/2023 09:34	05/18/2023 14:12	sgs
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: G-6 **York Sample ID:** 23E0828-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0828	Durante Bros	Soil	May 12, 2023 9:16 am	05/12/2023

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/19/2023 08:00	05/19/2023 14:42	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/19/2023 08:00	05/19/2023 14:42	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/19/2023 08:00	05/19/2023 14:42	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/19/2023 08:00	05/19/2023 14:42	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/19/2023 08:00	05/19/2023 14:42	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/19/2023 08:00	05/19/2023 14:42	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/19/2023 08:00	05/19/2023 14:42	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/19/2023 08:00	05/19/2023 14:42	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/19/2023 08:00	05/19/2023 14:42	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/19/2023 08:00	05/19/2023 14:42	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/19/2023 08:00	05/19/2023 14:42	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/19/2023 08:00	05/19/2023 14:42	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/19/2023 08:00	05/19/2023 14:42	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	05/19/2023 08:00	05/19/2023 14:42	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			

Sample Information

Client Sample ID: G-6 **York Sample ID:** 23E0828-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0828	Durante Bros	Soil	May 12, 2023 9:16 am	05/12/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:42	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:42	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:42	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:42	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:42	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		ug/kg dry	48	95	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:42	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:42	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:42	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:42	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	**Acetone**	**35**	ICVE, QL-02	ug/kg dry	4.8	9.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:42	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
107-02-8	Acrolein	ND	CCVE	ug/kg dry	4.8	9.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:42	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:42	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:42	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-97-5	Bromochloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:42	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:42	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:42	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:42	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:42	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:42	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:42	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:42	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:42	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:42	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: G-6 **York Sample ID:** 23E0828-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0828	Durante Bros	Soil	May 12, 2023 9:16 am	05/12/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
110-82-7	Cyclohexane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:42 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:42 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-95-3	Dibromomethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:42 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:42 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:42 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
79-20-9	Methyl acetate	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:42 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:42 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-09-2	Methylene chloride	ND		ug/kg dry	4.8	9.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
95-47-6	o-Xylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	BMC
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.8	9.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	BMC
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
100-42-5	Styrene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:42 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC

Sample Information

Client Sample ID: G-6 **York Sample ID:** 23E0828-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0828	Durante Bros	Soil	May 12, 2023 9:16 am	05/12/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	Toluene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/19/2023 14:42	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/19/2023 14:42	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/19/2023 14:42	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723	05/19/2023 14:42	BMC
79-01-6	Trichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/19/2023 14:42	BMC
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/19/2023 14:42	BMC
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/19/2023 14:42	BMC
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.1	14	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	05/19/2023 14:42	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*109 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.3 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.7 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 14:42	BMC

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.8**		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	05/18/2023 09:34	05/18/2023 14:12	sgs

Sample Information

Client Sample ID: G-7 **York Sample ID:** 23E0828-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0828	Durante Bros	Soil	May 12, 2023 8:37 am	05/12/2023

Sample Information

Client Sample ID: G-7 **York Sample ID:** 23E0828-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0828	Durante Bros	Soil	May 12, 2023 8:37 am	05/12/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:10 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:10 NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:10 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
123-91-1	1,4-Dioxane	ND		ug/kg dry	50	100	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:10 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
78-93-3	2-Butanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
591-78-6	2-Hexanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC

Sample Information

Client Sample ID: G-7 **York Sample ID:** 23E0828-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0828	Durante Bros	Soil	May 12, 2023 8:37 am	05/12/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	**Acetone**	**42**	ICVE, QL-02	ug/kg dry	5.0	10	1	EPA 8260C	05/19/2023 08:00	05/19/2023 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
107-02-8	Acrolein	ND	CCVE	ug/kg dry	5.0	10	1	EPA 8260C	05/19/2023 08:00	05/19/2023 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-13-1	Acrylonitrile	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/19/2023 08:00	05/19/2023 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	Benzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/19/2023 08:00	05/19/2023 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-97-5	Bromochloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/19/2023 08:00	05/19/2023 15:10	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/19/2023 08:00	05/19/2023 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-25-2	Bromoform	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/19/2023 08:00	05/19/2023 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-83-9	Bromomethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/19/2023 08:00	05/19/2023 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-15-0	Carbon disulfide	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/19/2023 08:00	05/19/2023 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/19/2023 08:00	05/19/2023 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-90-7	Chlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/19/2023 08:00	05/19/2023 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-00-3	Chloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/19/2023 08:00	05/19/2023 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-66-3	Chloroform	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/19/2023 08:00	05/19/2023 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-87-3	Chloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/19/2023 08:00	05/19/2023 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/19/2023 08:00	05/19/2023 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/19/2023 08:00	05/19/2023 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-82-7	Cyclohexane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/19/2023 08:00	05/19/2023 15:10	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/19/2023 08:00	05/19/2023 15:10	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/19/2023 08:00	05/19/2023 15:10	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/19/2023 08:00	05/19/2023 15:10	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/19/2023 08:00	05/19/2023 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/19/2023 08:00	05/19/2023 15:10	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/19/2023 08:00	05/19/2023 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: G-7 **York Sample ID:** 23E0828-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0828	Durante Bros	Soil	May 12, 2023 8:37 am	05/12/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/19/2023 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/19/2023 15:10	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/19/2023 15:10	BMC
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/19/2023 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/19/2023 15:10	BMC
75-09-2	Methylene chloride	ND		ug/kg dry	5.0	10	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/19/2023 15:10	BMC
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/19/2023 15:10	BMC
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/19/2023 15:10	BMC
95-47-6	o-Xylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	05/19/2023 15:10	BMC
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.0	10	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	05/19/2023 15:10	BMC
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/19/2023 15:10	BMC
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/19/2023 15:10	BMC
100-42-5	Styrene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/19/2023 15:10	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/19/2023 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/19/2023 15:10	BMC
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/19/2023 15:10	BMC
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/19/2023 15:10	BMC
108-88-3	Toluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/19/2023 15:10	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/19/2023 15:10	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/19/2023 15:10	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723	05/19/2023 15:10	BMC
79-01-6	Trichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/19/2023 15:10	BMC
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/19/2023 15:10	BMC
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/19/2023 15:10	BMC
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.6	15	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	05/19/2023 15:10	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*109 %*	*77-125*

Sample Information

Client Sample ID: G-7 **York Sample ID:** 23E0828-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0828	Durante Bros	Soil	May 12, 2023 8:37 am	05/12/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.5 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.0 %*			*76-130*						

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:10	BMC

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.3**		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	05/18/2023 09:34	05/18/2023 14:12	sgs

Sample Information

Client Sample ID: G-8 **York Sample ID:** 23E0828-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0828	Durante Bros	Soil	May 12, 2023 9:02 am	05/12/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:38	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:38	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:38	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:38	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:38	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:38	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: G-8 **York Sample ID:** 23E0828-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0828	Durante Bros	Soil	May 12, 2023 9:02 am	05/12/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:38	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:38	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:38	BMC NELAC-NY10854,NELAC-NY12058,NJDEP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:38	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:38	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:38	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:38	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:38	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:38	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:38	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:38	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:38	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:38	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		ug/kg dry	51	100	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:38	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:38	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:38	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:38	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	**Acetone**	**57**	ICVE, QL-02	ug/kg dry	5.1	10	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:38	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
107-02-8	Acrolein	ND	CCVE	ug/kg dry	5.1	10	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:38	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:38	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:38	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-97-5	Bromochloromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:38	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:38	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: G-8 **York Sample ID:** 23E0828-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0828	Durante Bros	Soil	May 12, 2023 9:02 am	05/12/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:38	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:38	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:38	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:38	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:38	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:38	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:38	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:38	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:38	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:38	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:38	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:38	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:38	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:38	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:38	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:38	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:38	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-20-9	Methyl acetate	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:38	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:38	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:38	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	Methylene chloride	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:38	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:38	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:38	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: G-8 **York Sample ID:** 23E0828-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0828	Durante Bros	Soil	May 12, 2023 9:02 am	05/12/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	05/19/2023 15:38	BMC
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	05/19/2023 15:38	BMC
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/19/2023 15:38	BMC
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/19/2023 15:38	BMC
100-42-5	Styrene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/19/2023 15:38	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/19/2023 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/19/2023 15:38	BMC
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/19/2023 15:38	BMC
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/19/2023 15:38	BMC
108-88-3	Toluene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/19/2023 15:38	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/19/2023 15:38	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/19/2023 15:38	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723	05/19/2023 15:38	BMC
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/19/2023 15:38	BMC
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/19/2023 15:38	BMC
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/19/2023 15:38	BMC
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.7	15	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	05/19/2023 15:38	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.8 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*95.7 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 15:38	BMC

Sample Information

Client Sample ID: G-8 **York Sample ID:** 23E0828-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0828	Durante Bros	Soil	May 12, 2023 9:02 am	05/12/2023

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**83.3**		%	0.100	1	SM 2540G	05/18/2023 09:34	05/18/2023 14:12	sgs
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: G-9 **York Sample ID:** 23E0828-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0828	Durante Bros	Soil	May 12, 2023 9:00 am	05/12/2023

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	05/19/2023 08:00	05/19/2023 16:06	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	05/19/2023 08:00	05/19/2023 16:06	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	05/19/2023 08:00	05/19/2023 16:06	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	05/19/2023 08:00	05/19/2023 16:06	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	05/19/2023 08:00	05/19/2023 16:06	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	05/19/2023 08:00	05/19/2023 16:06	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	05/19/2023 08:00	05/19/2023 16:06	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	05/19/2023 08:00	05/19/2023 16:06	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	05/19/2023 08:00	05/19/2023 16:06	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	05/19/2023 08:00	05/19/2023 16:06	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	05/19/2023 08:00	05/19/2023 16:06	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	05/19/2023 08:00	05/19/2023 16:06	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	05/19/2023 08:00	05/19/2023 16:06	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	05/19/2023 08:00	05/19/2023 16:06	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			

Sample Information

Client Sample ID: G-9 **York Sample ID:** 23E0828-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0828	Durante Bros	Soil	May 12, 2023 9:00 am	05/12/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 16:06	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 16:06	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 16:06	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 16:06	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 16:06	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		ug/kg dry	58	120	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 16:06	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	**2-Butanone**	**7.7**		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 16:06	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
591-78-6	2-Hexanone	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 16:06	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 16:06	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	**Acetone**	**91**	ICVE, QL-02	ug/kg dry	5.8	12	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 16:06	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
107-02-8	Acrolein	ND	CCVE	ug/kg dry	5.8	12	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 16:06	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 16:06	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 16:06	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-97-5	Bromochloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 16:06	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 16:06	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 16:06	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 16:06	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 16:06	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 16:06	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 16:06	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 16:06	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 16:06	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 16:06	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: G-9 **York Sample ID:** 23E0828-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0828	Durante Bros	Soil	May 12, 2023 9:00 am	05/12/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 16:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 16:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
110-82-7	Cyclohexane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 16:06 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 16:06 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-95-3	Dibromomethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 16:06 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 16:06 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 16:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 16:06 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 16:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
79-20-9	Methyl acetate	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 16:06 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 16:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 16:06 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-09-2	Methylene chloride	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 16:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 16:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 16:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
95-47-6	o-Xylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 16:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	BMC
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 16:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	BMC
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 16:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 16:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
100-42-5	Styrene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 16:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 16:06 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 16:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 16:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC

Sample Information

Client Sample ID: G-9 **York Sample ID:** 23E0828-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0828	Durante Bros	Soil	May 12, 2023 9:00 am	05/12/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	Toluene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/19/2023 16:06	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/19/2023 16:06	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/19/2023 16:06	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723	05/19/2023 16:06	BMC
79-01-6	Trichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/19/2023 16:06	BMC
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/19/2023 16:06	BMC
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/19/2023 16:06	BMC
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.6	17	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	05/19/2023 16:06	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.1 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.9 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 16:06	BMC

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.9**		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	05/18/2023 09:34	05/18/2023 14:12	sgs

Sample Information

Client Sample ID: G-10 **York Sample ID:** 23E0828-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0828	Durante Bros	Soil	May 12, 2023 8:40 am	05/12/2023

Sample Information

Client Sample ID: G-10 **York Sample ID:** 23E0828-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0828	Durante Bros	Soil	May 12, 2023 8:40 am	05/12/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 16:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 16:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 16:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 16:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 16:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 16:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 16:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 16:34 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 16:34 NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 16:34 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 16:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 16:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 16:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 16:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 16:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 16:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 16:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 16:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 16:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
123-91-1	1,4-Dioxane	ND		ug/kg dry	45	89	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 16:34 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
78-93-3	2-Butanone	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 16:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
591-78-6	2-Hexanone	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 16:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 16:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC

Sample Information

Client Sample ID: G-10 **York Sample ID:** 23E0828-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0828	Durante Bros	Soil	May 12, 2023 8:40 am	05/12/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	**Acetone**	**31**	ICVE, QL-02	ug/kg dry	4.5	8.9	1	EPA 8260C	05/19/2023 08:00	05/19/2023 16:34	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
107-02-8	Acrolein	ND	CCVE	ug/kg dry	4.5	8.9	1	EPA 8260C	05/19/2023 08:00	05/19/2023 16:34	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-13-1	Acrylonitrile	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/19/2023 08:00	05/19/2023 16:34	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	Benzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/19/2023 08:00	05/19/2023 16:34	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-97-5	Bromochloromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/19/2023 08:00	05/19/2023 16:34	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/19/2023 08:00	05/19/2023 16:34	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-25-2	Bromoform	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/19/2023 08:00	05/19/2023 16:34	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-83-9	Bromomethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/19/2023 08:00	05/19/2023 16:34	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-15-0	Carbon disulfide	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/19/2023 08:00	05/19/2023 16:34	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/19/2023 08:00	05/19/2023 16:34	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-90-7	Chlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/19/2023 08:00	05/19/2023 16:34	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-00-3	Chloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/19/2023 08:00	05/19/2023 16:34	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-66-3	Chloroform	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/19/2023 08:00	05/19/2023 16:34	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-87-3	Chloromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/19/2023 08:00	05/19/2023 16:34	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/19/2023 08:00	05/19/2023 16:34	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/19/2023 08:00	05/19/2023 16:34	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-82-7	Cyclohexane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/19/2023 08:00	05/19/2023 16:34	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/19/2023 08:00	05/19/2023 16:34	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/19/2023 08:00	05/19/2023 16:34	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/19/2023 08:00	05/19/2023 16:34	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/19/2023 08:00	05/19/2023 16:34	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/19/2023 08:00	05/19/2023 16:34	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	05/19/2023 08:00	05/19/2023 16:34	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: G-10 **York Sample ID:** 23E0828-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0828	Durante Bros	Soil	May 12, 2023 8:40 am	05/12/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	05/19/2023 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/19/2023 16:34	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/19/2023 16:34	BMC
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	05/19/2023 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/19/2023 16:34	BMC
75-09-2	Methylene chloride	ND		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/19/2023 16:34	BMC
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/19/2023 16:34	BMC
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/19/2023 16:34	BMC
95-47-6	o-Xylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	05/19/2023 16:34	BMC
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	05/19/2023 16:34	BMC
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/19/2023 16:34	BMC
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/19/2023 16:34	BMC
100-42-5	Styrene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/19/2023 16:34	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	05/19/2023 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/19/2023 16:34	BMC
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/19/2023 16:34	BMC
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/19/2023 16:34	BMC
108-88-3	Toluene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/19/2023 16:34	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/19/2023 16:34	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/19/2023 16:34	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723	05/19/2023 16:34	BMC
79-01-6	Trichloroethylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/19/2023 16:34	BMC
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/19/2023 16:34	BMC
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/19/2023 16:34	BMC
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.7	13	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	05/19/2023 16:34	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*109 %*	*77-125*

Sample Information

Client Sample ID: G-10 **York Sample ID:** 23E0828-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0828	Durante Bros	Soil	May 12, 2023 8:40 am	05/12/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.8 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.3 %*			*76-130*						

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 16:34	BMC

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.7**		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	05/18/2023 09:34	05/18/2023 14:12	sgs

Sample Information

Client Sample ID: G-11 **York Sample ID:** 23E0828-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0828	Durante Bros	Soil	May 12, 2023 8:36 am	05/12/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 17:02	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 17:02	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 17:02	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 17:02	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 17:02	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 17:02	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: G-11 **York Sample ID:** 23E0828-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0828	Durante Bros	Soil	May 12, 2023 8:36 am	05/12/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 17:02	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 17:02	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 17:02	BMC NELAC-NY10854,NELAC-NY12058,NJDEP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 17:02	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 17:02	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 17:02	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 17:02	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 17:02	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 17:02	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 17:02	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 17:02	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 17:02	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 17:02	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		ug/kg dry	44	87	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 17:02	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 17:02	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 17:02	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 17:02	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	**Acetone**	**17**	ICVE, QL-02	ug/kg dry	4.4	8.7	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 17:02	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
107-02-8	Acrolein	ND	CCVE	ug/kg dry	4.4	8.7	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 17:02	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 17:02	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 17:02	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-97-5	Bromochloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 17:02	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 17:02	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: G-11 **York Sample ID:** 23E0828-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0828	Durante Bros	Soil	May 12, 2023 8:36 am	05/12/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-25-2	Bromoform	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 17:02	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 17:02	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 17:02	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 17:02	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 17:02	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 17:02	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 17:02	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 17:02	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 17:02	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 17:02	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 17:02	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 17:02	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 17:02	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 17:02	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 17:02	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 17:02	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 17:02	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-20-9	Methyl acetate	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 17:02	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 17:02	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 17:02	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	Methylene chloride	ND		ug/kg dry	4.4	8.7	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 17:02	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 17:02	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 17:02	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: G-11 **York Sample ID:** 23E0828-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0828	Durante Bros	Soil	May 12, 2023 8:36 am	05/12/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-47-6	o-Xylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	05/19/2023 17:02	BMC
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.4	8.7	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	05/19/2023 17:02	BMC
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/19/2023 17:02	BMC
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/19/2023 17:02	BMC
100-42-5	Styrene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/19/2023 17:02	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/19/2023 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/19/2023 17:02	BMC
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/19/2023 17:02	BMC
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/19/2023 17:02	BMC
108-88-3	Toluene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/19/2023 17:02	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/19/2023 17:02	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/19/2023 17:02	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723	05/19/2023 17:02	BMC
79-01-6	Trichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/19/2023 17:02	BMC
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/19/2023 17:02	BMC
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/19/2023 17:02	BMC
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications:	05/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	05/19/2023 17:02	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.2 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.5 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	05/19/2023 08:00	05/19/2023 17:02	BMC

Sample Information

Client Sample ID: G-11 **York Sample ID:** 23E0828-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0828	Durante Bros	Soil	May 12, 2023 8:36 am	05/12/2023

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	91.2		%	0.100	1	SM 2540G	05/18/2023 09:34	05/18/2023 14:12	sgs
							Certifications: CTDOH-PH-0723			

Analytical Batch Summary

Batch ID: BE31003 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
23E0828-01	G-1	05/15/23
23E0828-02	G-2	05/15/23
23E0828-03	G-3	05/15/23
23E0828-04	G-4	05/15/23
BE31003-BLK1	Blank	05/15/23
BE31003-BS1	LCS	05/15/23
BE31003-BSD1	LCS Dup	05/15/23

Batch ID: BE31014 **Preparation Method:** EPA 5035A **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
23E0828-05	G-5	05/19/23
23E0828-06	G-6	05/19/23
23E0828-07	G-7	05/19/23
23E0828-08	G-8	05/19/23
23E0828-09	G-9	05/19/23
23E0828-10	G-10	05/19/23
23E0828-11	G-11	05/19/23
BE31014-BLK1	Blank	05/19/23
BE31014-BS1	LCS	05/19/23
BE31014-BSD1	LCS Dup	05/19/23

Batch ID: BE31264 **Preparation Method:** % Solids Prep **Prepared By:** sgs

YORK Sample ID	Client Sample ID	Preparation Date
23E0828-01	G-1	05/18/23
23E0828-02	G-2	05/18/23
23E0828-03	G-3	05/18/23
23E0828-04	G-4	05/18/23
23E0828-05	G-5	05/18/23
23E0828-06	G-6	05/18/23
23E0828-07	G-7	05/18/23
23E0828-08	G-8	05/18/23
23E0828-09	G-9	05/18/23
23E0828-10	G-10	05/18/23
23E0828-11	G-11	05/18/23
BE31264-DUP1	Duplicate	05/18/23

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE31003 - EPA 5035A											
Blank (BE31003-BLK1)											
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
Tentatively Identified Compounds	0.0		"								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2-Butanone	ND	5.0	"								
2-Hexanone	ND	5.0	"								
4-Methyl-2-pentanone	ND	5.0	"								
Acetone	ND	10	"								
Acrolein	ND	10	"								
Acrylonitrile	ND	5.0	"								
Benzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon disulfide	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Cyclohexane	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl acetate	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								

Prepared & Analyzed: 05/15/2023

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE31003 - EPA 5035A											
Blank (BE31003-BLK1)								Prepared & Analyzed: 05/15/2023			
Methylcyclohexane	ND	5.0	ug/kg wet								
Methylene chloride	ND	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butyl alcohol (TBA)	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
trans-1,4-dichloro-2-butene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.5*		*ug/L*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.6*		*"*	*50.0*		*103*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*54.6*		*"*	*50.0*		*109*	*76-130*				
LCS (BE31003-BS1)								Prepared & Analyzed: 05/15/2023			
1,1,1,2-Tetrachloroethane	43		ug/L	50.0		86.5	75-129				
1,1,1-Trichloroethane	41		"	50.0		81.5	71-137				
1,1,2,2-Tetrachloroethane	52		"	50.0		104	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	61		"	50.0		123	58-146				
1,1,2-Trichloroethane	48		"	50.0		96.1	83-123				
1,1-Dichloroethane	47		"	50.0		93.7	75-130				
1,1-Dichloroethylene	58		"	50.0		116	64-137				
1,2,3-Trichlorobenzene	43		"	50.0		86.4	81-140				
1,2,3-Trichloropropane	46		"	50.0		92.5	81-126				
1,2,4-Trichlorobenzene	43		"	50.0		85.7	80-141				
1,2,4-Trimethylbenzene	45		"	50.0		90.4	84-125				
1,2-Dibromo-3-chloropropane	46		"	50.0		92.4	74-142				
1,2-Dibromoethane	47		"	50.0		94.7	86-123				
1,2-Dichlorobenzene	47		"	50.0		93.3	85-122				
1,2-Dichloroethane	47		"	50.0		94.6	71-133				
1,2-Dichloropropane	51		"	50.0		103	81-122				
1,3,5-Trimethylbenzene	49		"	50.0		97.3	82-126				
1,3-Dichlorobenzene	45		"	50.0		89.4	84-124				
1,4-Dichlorobenzene	44		"	50.0		88.3	84-124				
1,4-Dioxane	1000		"	1050		98.4	10-228				
2-Butanone	46		"	50.0		91.2	58-147				
2-Hexanone	52		"	50.0		104	70-139				
4-Methyl-2-pentanone	41		"	50.0		82.3	72-132				
Acetone	230		"	50.0		458	36-155	High Bias			
Acrolein	50		"	50.0		99.9	10-238				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE31003 - EPA 5035A											
LCS (BE31003-BS1)								Prepared & Analyzed: 05/15/2023			
Acrylonitrile	49		ug/L	50.0		98.7	66-141				
Benzene	48		"	50.0		96.5	77-127				
Bromochloromethane	50		"	50.0		99.6	74-129				
Bromodichloromethane	48		"	50.0		95.4	81-124				
Bromoform	36		"	50.0		72.0	80-136	Low Bias			
Bromomethane	64		"	50.0		128	32-177				
Carbon disulfide	49		"	50.0		98.1	10-136				
Carbon tetrachloride	39		"	50.0		78.4	66-143				
Chlorobenzene	49		"	50.0		98.2	86-120				
Chloroethane	66		"	50.0		131	51-142				
Chloroform	47		"	50.0		93.8	76-131				
Chloromethane	54		"	50.0		107	49-132				
cis-1,2-Dichloroethylene	46		"	50.0		92.4	74-132				
cis-1,3-Dichloropropylene	45		"	50.0		89.3	81-129				
Cyclohexane	49		"	50.0		98.4	70-130				
Dibromochloromethane	47		"	50.0		93.3	10-200				
Dibromomethane	48		"	50.0		96.3	83-124				
Dichlorodifluoromethane	37		"	50.0		74.5	28-158				
Ethyl Benzene	48		"	50.0		95.6	84-125				
Hexachlorobutadiene	39		"	50.0		78.8	83-133	Low Bias			
Isopropylbenzene	47		"	50.0		94.4	81-127				
Methyl acetate	48		"	50.0		95.0	41-143				
Methyl tert-butyl ether (MTBE)	43		"	50.0		85.6	74-131				
Methylcyclohexane	46		"	50.0		92.9	70-130				
Methylene chloride	49		"	50.0		97.5	57-141				
n-Butylbenzene	48		"	50.0		96.5	80-130				
n-Propylbenzene	48		"	50.0		95.2	74-136				
o-Xylene	49		"	50.0		97.4	83-123				
p- & m- Xylenes	97		"	100		97.0	82-128				
p-Isopropyltoluene	46		"	50.0		91.3	85-125				
sec-Butylbenzene	47		"	50.0		93.1	83-125				
Styrene	48		"	50.0		96.0	86-126				
tert-Butyl alcohol (TBA)	200		"	250		78.6	70-130				
tert-Butylbenzene	40		"	50.0		80.9	80-127				
Tetrachloroethylene	38		"	50.0		76.8	80-129	Low Bias			
Toluene	48		"	50.0		96.9	85-121				
trans-1,2-Dichloroethylene	47		"	50.0		93.9	72-132				
trans-1,3-Dichloropropylene	41		"	50.0		81.6	78-132				
trans-1,4-dichloro-2-butene	47		"	50.0		94.1	75-135				
Trichloroethylene	48		"	50.0		95.0	84-123				
Trichlorofluoromethane	63		"	50.0		127	62-140				
Vinyl Chloride	61		"	50.0		122	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.0*		*"*	*50.0*		*98.0*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.4*		*"*	*50.0*		*103*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.5*		*"*	*50.0*		*99.0*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE31003 - EPA 5035A											
LCS Dup (BE31003-BSD1)								Prepared & Analyzed: 05/15/2023			
1,1,1,2-Tetrachloroethane	42		ug/L	50.0		83.8	75-129		3.19	30	
1,1,1-Trichloroethane	40		"	50.0		80.0	71-137		1.83	30	
1,1,2,2-Tetrachloroethane	50		"	50.0		99.6	79-129		3.88	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	64		"	50.0		128	58-146		4.22	30	
1,1,2-Trichloroethane	47		"	50.0		93.4	83-123		2.87	30	
1,1-Dichloroethane	47		"	50.0		93.9	75-130		0.213	30	
1,1-Dichloroethylene	59		"	50.0		119	64-137		2.61	30	
1,2,3-Trichlorobenzene	41		"	50.0		81.8	81-140		5.47	30	
1,2,3-Trichloropropane	44		"	50.0		88.8	81-126		4.12	30	
1,2,4-Trichlorobenzene	42		"	50.0		83.4	80-141		2.65	30	
1,2,4-Trimethylbenzene	45		"	50.0		89.4	84-125		1.13	30	
1,2-Dibromo-3-chloropropane	44		"	50.0		87.5	74-142		5.54	30	
1,2-Dibromoethane	45		"	50.0		89.6	86-123		5.51	30	
1,2-Dichlorobenzene	46		"	50.0		91.5	85-122		1.86	30	
1,2-Dichloroethane	47		"	50.0		94.0	71-133		0.637	30	
1,2-Dichloropropane	50		"	50.0		99.4	81-122		3.25	30	
1,3,5-Trimethylbenzene	48		"	50.0		96.2	82-126		1.14	30	
1,3-Dichlorobenzene	44		"	50.0		87.6	84-124		2.03	30	
1,4-Dichlorobenzene	43		"	50.0		86.0	84-124		2.62	30	
1,4-Dioxane	980		"	1050		93.3	10-228		5.35	30	
2-Butanone	49		"	50.0		97.2	58-147		6.39	30	
2-Hexanone	52		"	50.0		103	70-139		0.850	30	
4-Methyl-2-pentanone	40		"	50.0		79.1	72-132		4.01	30	
Acetone	240		"	50.0		482	36-155	High Bias	5.02	30	
Acrolein	48		"	50.0		96.5	10-238		3.42	30	
Acrylonitrile	48		"	50.0		96.9	66-141		1.88	30	
Benzene	48		"	50.0		95.2	77-127		1.27	30	
Bromochloromethane	50		"	50.0		100	74-129		0.321	30	
Bromodichloromethane	47		"	50.0		93.2	81-124		2.33	30	
Bromoform	34		"	50.0		67.9	80-136	Low Bias	5.86	30	
Bromomethane	66		"	50.0		131	32-177		2.36	30	
Carbon disulfide	50		"	50.0		99.1	10-136		0.994	30	
Carbon tetrachloride	38		"	50.0		76.8	66-143		2.09	30	
Chlorobenzene	48		"	50.0		96.8	86-120		1.46	30	
Chloroethane	66		"	50.0		132	51-142		0.547	30	
Chloroform	47		"	50.0		93.5	76-131		0.320	30	
Chloromethane	52		"	50.0		105	49-132		2.25	30	
cis-1,2-Dichloroethylene	46		"	50.0		92.2	74-132		0.195	30	
cis-1,3-Dichloropropylene	43		"	50.0		86.4	81-129		3.35	30	
Cyclohexane	50		"	50.0		101	70-130		2.29	30	
Dibromochloromethane	45		"	50.0		89.1	10-200		4.63	30	
Dibromomethane	47		"	50.0		93.2	83-124		3.29	30	
Dichlorodifluoromethane	32		"	50.0		63.8	28-158		15.5	30	
Ethyl Benzene	48		"	50.0		95.3	84-125		0.293	30	
Hexachlorobutadiene	39		"	50.0		78.9	83-133	Low Bias	0.0761	30	
Isopropylbenzene	47		"	50.0		93.0	81-127		1.45	30	
Methyl acetate	47		"	50.0		93.5	41-143		1.59	30	
Methyl tert-butyl ether (MTBE)	42		"	50.0		83.7	74-131		2.29	30	
Methylcyclohexane	46		"	50.0		91.7	70-130		1.28	30	
Methylene chloride	49		"	50.0		98.5	57-141		0.959	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE31003 - EPA 5035A											
LCS Dup (BE31003-BSD1)									Prepared & Analyzed: 05/15/2023		
n-Butylbenzene	48		ug/L	50.0		96.8	80-130		0.393	30	
n-Propylbenzene	47		"	50.0		95.0	74-136		0.189	30	
o-Xylene	48		"	50.0		96.1	83-123		1.30	30	
p- & m- Xylenes	96		"	100		95.7	82-128		1.38	30	
p-Isopropyltoluene	46		"	50.0		91.4	85-125		0.109	30	
sec-Butylbenzene	46		"	50.0		92.8	83-125		0.301	30	
Styrene	47		"	50.0		94.3	86-126		1.74	30	
tert-Butyl alcohol (TBA)	180		"	250		71.5	70-130		9.38	30	
tert-Butylbenzene	40		"	50.0		80.0	80-127		1.14	30	
Tetrachloroethylene	38		"	50.0		75.5	80-129	Low Bias	1.79	30	
Toluene	47		"	50.0		94.6	85-121		2.40	30	
trans-1,2-Dichloroethylene	47		"	50.0		94.4	72-132		0.531	30	
trans-1,3-Dichloropropylene	38		"	50.0		76.9	78-132	Low Bias	6.03	30	
trans-1,4-dichloro-2-butene	45		"	50.0		90.5	75-135		3.81	30	
Trichloroethylene	46		"	50.0		92.1	84-123		3.08	30	
Trichlorofluoromethane	66		"	50.0		132	62-140		4.15	30	
Vinyl Chloride	61		"	50.0		123	52-130		0.637	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.4*		*"*	*50.0*		*98.8*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.3*		*"*	*50.0*		*101*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.1*		*"*	*50.0*		*98.1*	*76-130*				
Batch BE31014 - EPA 5035A											
Blank (BE31014-BLK1)									Prepared & Analyzed: 05/19/2023		
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
Tentatively Identified Compounds	0.0		"								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2-Butanone	ND	5.0	"								
2-Hexanone	ND	5.0	"								
4-Methyl-2-pentanone	ND	5.0	"								
Acetone	ND	10	"								
Acrolein	ND	10	"								
Acrylonitrile	ND	5.0	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE31014 - EPA 5035A											
Blank (BE31014-BLK1)											Prepared & Analyzed: 05/19/2023
Benzene	ND	5.0	ug/kg wet								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon disulfide	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Cyclohexane	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl acetate	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylcyclohexane	ND	5.0	"								
Methylene chloride	ND	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butyl alcohol (TBA)	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
trans-1,4-dichloro-2-butene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*52.2*		*ug/L*	*50.0*		*104*	*77-125*				
Surrogate: SURR: Toluene-d8	*46.3*		*"*	*50.0*		*92.5*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.4*		*"*	*50.0*		*94.8*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE31014 - EPA 5035A											
LCS (BE31014-BS1)							Prepared & Analyzed: 05/19/2023				
1,1,1,2-Tetrachloroethane	56		ug/L	50.0		112	75-129				
1,1,1-Trichloroethane	58		"	50.0		117	71-137				
1,1,2,2-Tetrachloroethane	50		"	50.0		101	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	57		"	50.0		114	58-146				
1,1,2-Trichloroethane	50		"	50.0		99.1	83-123				
1,1-Dichloroethane	55		"	50.0		110	75-130				
1,1-Dichloroethylene	64		"	50.0		128	64-137				
1,2,3-Trichlorobenzene	49		"	50.0		97.4	81-140				
1,2,3-Trichloropropane	50		"	50.0		101	81-126				
1,2,4-Trichlorobenzene	50		"	50.0		99.6	80-141				
1,2,4-Trimethylbenzene	51		"	50.0		101	84-125				
1,2-Dibromo-3-chloropropane	50		"	50.0		100	74-142				
1,2-Dibromoethane	52		"	50.0		104	86-123				
1,2-Dichlorobenzene	49		"	50.0		97.1	85-122				
1,2-Dichloroethane	56		"	50.0		112	71-133				
1,2-Dichloropropane	53		"	50.0		105	81-122				
1,3,5-Trimethylbenzene	51		"	50.0		102	82-126				
1,3-Dichlorobenzene	48		"	50.0		96.3	84-124				
1,4-Dichlorobenzene	49		"	50.0		97.4	84-124				
1,4-Dioxane	1100		"	1050		102	10-228				
2-Butanone	49		"	50.0		98.3	58-147				
2-Hexanone	51		"	50.0		102	70-139				
4-Methyl-2-pentanone	50		"	50.0		100	72-132				
Acetone	220		"	50.0		437	36-155	High Bias			
Acrolein	41		"	50.0		82.3	10-238				
Acrylonitrile	52		"	50.0		103	66-141				
Benzene	56		"	50.0		111	77-127				
Bromochloromethane	57		"	50.0		115	74-129				
Bromodichloromethane	55		"	50.0		110	81-124				
Bromoform	51		"	50.0		102	80-136				
Bromomethane	58		"	50.0		117	32-177				
Carbon disulfide	56		"	50.0		113	10-136				
Carbon tetrachloride	62		"	50.0		123	66-143				
Chlorobenzene	54		"	50.0		108	86-120				
Chloroethane	55		"	50.0		109	51-142				
Chloroform	55		"	50.0		111	76-131				
Chloromethane	37		"	50.0		74.6	49-132				
cis-1,2-Dichloroethylene	58		"	50.0		115	74-132				
cis-1,3-Dichloropropylene	56		"	50.0		112	81-129				
Cyclohexane	51		"	50.0		103	70-130				
Dibromochloromethane	56		"	50.0		112	10-200				
Dibromomethane	52		"	50.0		103	83-124				
Dichlorodifluoromethane	26		"	50.0		51.6	28-158				
Ethyl Benzene	53		"	50.0		105	84-125				
Hexachlorobutadiene	50		"	50.0		100	83-133				
Isopropylbenzene	52		"	50.0		104	81-127				
Methyl acetate	49		"	50.0		98.9	41-143				
Methyl tert-butyl ether (MTBE)	56		"	50.0		111	74-131				
Methylcyclohexane	51		"	50.0		102	70-130				
Methylene chloride	56		"	50.0		111	57-141				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE31014 - EPA 5035A											
LCS (BE31014-BS1)								Prepared & Analyzed: 05/19/2023			
n-Butylbenzene	50		ug/L	50.0		101	80-130				
n-Propylbenzene	50		"	50.0		101	74-136				
o-Xylene	54		"	50.0		107	83-123				
p- & m- Xylenes	100		"	100		105	82-128				
p-Isopropyltoluene	51		"	50.0		103	85-125				
sec-Butylbenzene	50		"	50.0		99.7	83-125				
Styrene	53		"	50.0		106	86-126				
tert-Butyl alcohol (TBA)	270		"	250		107	70-130				
tert-Butylbenzene	51		"	50.0		102	80-127				
Tetrachloroethylene	47		"	50.0		93.4	80-129				
Toluene	52		"	50.0		104	85-121				
trans-1,2-Dichloroethylene	55		"	50.0		111	72-132				
trans-1,3-Dichloropropylene	57		"	50.0		115	78-132				
trans-1,4-dichloro-2-butene	52		"	50.0		104	75-135				
Trichloroethylene	53		"	50.0		106	84-123				
Trichlorofluoromethane	53		"	50.0		105	62-140				
Vinyl Chloride	47		"	50.0		93.4	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.8*		*"*	*50.0*		*99.5*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.0*		*"*	*50.0*		*94.1*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.4*		*"*	*50.0*		*98.9*	*76-130*				
LCS Dup (BE31014-BSD1)								Prepared & Analyzed: 05/19/2023			
1,1,1,2-Tetrachloroethane	57		ug/L	50.0		113	75-129		1.44	30	
1,1,1-Trichloroethane	61		"	50.0		122	71-137		4.30	30	
1,1,2,2-Tetrachloroethane	52		"	50.0		103	79-129		2.35	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	57		"	50.0		114	58-146		0.421	30	
1,1,2-Trichloroethane	52		"	50.0		104	83-123		5.25	30	
1,1-Dichloroethane	58		"	50.0		116	75-130		5.44	30	
1,1-Dichloroethylene	66		"	50.0		132	64-137		3.00	30	
1,2,3-Trichlorobenzene	50		"	50.0		101	81-140		3.47	30	
1,2,3-Trichloropropane	53		"	50.0		106	81-126		5.28	30	
1,2,4-Trichlorobenzene	53		"	50.0		105	80-141		5.37	30	
1,2,4-Trimethylbenzene	52		"	50.0		103	84-125		2.21	30	
1,2-Dibromo-3-chloropropane	53		"	50.0		106	74-142		5.79	30	
1,2-Dibromoethane	56		"	50.0		111	86-123		6.64	30	
1,2-Dichlorobenzene	51		"	50.0		101	85-122		4.10	30	
1,2-Dichloroethane	61		"	50.0		122	71-133		8.90	30	
1,2-Dichloropropane	53		"	50.0		107	81-122		1.68	30	
1,3,5-Trimethylbenzene	52		"	50.0		103	82-126		1.76	30	
1,3-Dichlorobenzene	51		"	50.0		103	84-124		6.57	30	
1,4-Dichlorobenzene	50		"	50.0		101	84-124		3.31	30	
1,4-Dioxane	1100		"	1050		105	10-228		2.45	30	
2-Butanone	54		"	50.0		109	58-147		10.1	30	
2-Hexanone	54		"	50.0		108	70-139		5.83	30	
4-Methyl-2-pentanone	53		"	50.0		106	72-132		5.71	30	
Acetone	230		"	50.0		465	36-155	High Bias	6.22	30	
Acrolein	47		"	50.0		94.3	10-238		13.6	30	
Acrylonitrile	56		"	50.0		112	66-141		7.98	30	
Benzene	58		"	50.0		116	77-127		4.40	30	
Bromochloromethane	61		"	50.0		121	74-129		5.57	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE31014 - EPA 5035A											
LCS Dup (BE31014-BSD1)								Prepared & Analyzed: 05/19/2023			
Bromodichloromethane	56		ug/L	50.0		112	81-124		2.13	30	
Bromoform	52		"	50.0		105	80-136		2.53	30	
Bromomethane	59		"	50.0		119	32-177		1.97	30	
Carbon disulfide	58		"	50.0		115	10-136		2.38	30	
Carbon tetrachloride	64		"	50.0		129	66-143		4.59	30	
Chlorobenzene	57		"	50.0		114	86-120		4.57	30	
Chloroethane	56		"	50.0		112	51-142		2.39	30	
Chloroform	59		"	50.0		119	76-131		6.97	30	
Chloromethane	38		"	50.0		75.2	49-132		0.801	30	
cis-1,2-Dichloroethylene	60		"	50.0		121	74-132		4.59	30	
cis-1,3-Dichloropropylene	58		"	50.0		117	81-129		3.61	30	
Cyclohexane	54		"	50.0		109	70-130		5.78	30	
Dibromochloromethane	59		"	50.0		119	10-200		5.38	30	
Dibromomethane	53		"	50.0		107	83-124		3.05	30	
Dichlorodifluoromethane	25		"	50.0		49.6	28-158		3.88	30	
Ethyl Benzene	55		"	50.0		110	84-125		4.63	30	
Hexachlorobutadiene	52		"	50.0		104	83-133		3.82	30	
Isopropylbenzene	53		"	50.0		105	81-127		1.51	30	
Methyl acetate	53		"	50.0		105	41-143		6.25	30	
Methyl tert-butyl ether (MTBE)	60		"	50.0		120	74-131		7.67	30	
Methylcyclohexane	52		"	50.0		104	70-130		1.84	30	
Methylene chloride	57		"	50.0		114	57-141		2.93	30	
n-Butylbenzene	50		"	50.0		99.8	80-130		0.978	30	
n-Propylbenzene	51		"	50.0		102	74-136		1.64	30	
o-Xylene	54		"	50.0		109	83-123		1.46	30	
p- & m- Xylenes	110		"	100		108	82-128		3.44	30	
p-Isopropyltoluene	52		"	50.0		103	85-125		0.0971	30	
sec-Butylbenzene	52		"	50.0		103	83-125		3.68	30	
Styrene	55		"	50.0		109	86-126		3.10	30	
tert-Butyl alcohol (TBA)	290		"	250		116	70-130		8.48	30	
tert-Butylbenzene	51		"	50.0		102	80-127		0.0195	30	
Tetrachloroethylene	46		"	50.0		91.8	80-129		1.71	30	
Toluene	52		"	50.0		104	85-121		0.616	30	
trans-1,2-Dichloroethylene	58		"	50.0		117	72-132		5.39	30	
trans-1,3-Dichloropropylene	60		"	50.0		119	78-132		3.88	30	
trans-1,4-dichloro-2-butene	54		"	50.0		107	75-135		2.97	30	
Trichloroethylene	54		"	50.0		107	84-123		1.41	30	
Trichlorofluoromethane	55		"	50.0		110	62-140		4.33	30	
Vinyl Chloride	49		"	50.0		98.4	52-130		5.30	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*52.1*		*"*	*50.0*		*104*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.0*		*"*	*50.0*		*96.0*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.6*		*"*	*50.0*		*99.1*	*76-130*				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE31264 - % Solids Prep											
Duplicate (BE31264-DUP1)	*Source sample: 23E0828-11 (G-11)								Prepared & Analyzed: 05/18/2023		
% Solids	91.7	0.100	%		91.2				0.555	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
23E0828-01	G-1	40mL Vial with Stir Bar-Cool 4° C
23E0828-02	G-2	40mL Vial with Stir Bar-Cool 4° C
23E0828-03	G-3	40mL Vial with Stir Bar-Cool 4° C
23E0828-04	G-4	40mL Vial with Stir Bar-Cool 4° C
23E0828-05	G-5	40mL Vial with Stir Bar-Cool 4° C
23E0828-06	G-6	40mL Vial with Stir Bar-Cool 4° C
23E0828-07	G-7	40mL Vial with Stir Bar-Cool 4° C
23E0828-08	G-8	40mL Vial with Stir Bar-Cool 4° C
23E0828-09	G-9	40mL Vial with Stir Bar-Cool 4° C
23E0828-10	G-10	40mL Vial with Stir Bar-Cool 4° C
23E0828-11	G-11	40mL Vial with Stir Bar-Cool 4° C

Sample and Data Qualifiers Relating to This Work Order

Temp_S2	The samples were delivered directly from the field by the client. Upon receipt, the temperature of the samples exceeded 6 deg. C. Ice was not present and the temperature excursion is noted accordingly.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Corrective Action: Cooler was received in Queens @ 34.5c, ice was not present.

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 23E0828

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time
Company: Grid Logistics	SAME [X]	SAME [X]	Durante Bros	RUSH-Same Day
Address:	Name:	Name:		RUSH-Next Day
	Company:	Company:	Purchase Order #	RUSH-Two Day X
Phone.:	Address:	Address:		RUSH-Three Day
Contact: Chris Z.				RUSH-Four Day
E-mail:	E-mail:	E-mail	Samples from CT__NY__NJ__	Standard (5-7day)

Report/Deliverable Type	
Summary Report	X
QA Report	
CT RCP	
CT RCP DQA/DUE Pkg	
NY ASP A Package	
NY ASP B Package	
NJDEP Reduced Deliv	
Excel	X
NYSDEC EQuIS	
NJDEP SRP HazSite EQuIS	
GIS/KEY (std)	
YORK Regulatory Comp Excel compared to:	
OTHER:	

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Houpeng Lee
Name (printed)

Matrix Codes
S - soil
Other - specify (oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360-Expanded No Dioxins/Furans
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded Full List
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
G-1	5/12/2023 0921	S	TAL/TCL + 30, incl VOCs, Herbicides, EPH Cat 2, CT ETPH, SPLP Extraction,	2 Jars, 4 vials
G-2	5/12/2023 0922	S	TAL/TCL + 30, incl VOCs, Herbicides, EPH Cat 2, CT ETPH, SPLP Extraction,	2 Jars, 4 vials
G-3	5/12/2023 0923	S	TAL/TCL + 30, incl VOCs, Herbicides, EPH Cat 2, CT ETPH, SPLP Extraction,	2 Jars, 4 vials
G-4	5/12/2023 0924	S	TAL/TCL + 30, incl VOCs, Herbicides, EPH Cat 2, CT ETPH, SPLP Extraction,	2 Jars, 4 vials
G-5	5/12/2023 0925	S	TAL/TCL + 30, incl VOCs, Herbicides, EPH Cat 2, CT ETPH, SPLP Extraction,	2 Jars, 4 vials
G-6	5/12/2023 0916	S	TAL/TCL + 30, incl VOCs, Herbicides, EPH Cat 2, CT ETPH, SPLP Extraction,	2 Jars, 4 vials
G-7	5/12/2023 0837	S	TAL/TCL + 30, incl VOCs, Herbicides, EPH Cat 2, CT ETPH, SPLP Extraction,	2 Jars, 4 vials
G-8	5/12/2023 0902	S	TAL/TCL + 30, incl VOCs, Herbicides, EPH Cat 2, CT ETPH, SPLP Extraction,	2 Jars, 4 vials
G-9	5/12/2023 0900	S	TAL/TCL + 30, incl VOCs, Herbicides, EPH Cat 2, CT ETPH, SPLP Extraction,	2 Jars, 4 vials
G-10	5/12/2023 0840	S	TAL/TCL + 30, incl VOCs, Herbicides, EPH Cat 2, CT ETPH, SPLP Extraction,	2 Jars, 4 vials
G-11	5/12/2023 0836	S	TAL/TCL + 30, incl VOCs, Herbicides, EPH Cat 2, CT ETPH, SPLP Extraction,	1 Jars, 4 vials

Comments: Voa's Retrival in Queens

****RUN ONLY VOCs****
****HOLD ALL OTHER ANALYSIS****

Preservation (check all applicable): 4°C____ Frozen____ HCl____ MeOH____ HNO_3____ H_2SO_4____ NaOH____ ZnAc____ Ascorbic Acid____ Other____

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By — Date/Time: 5/12/23 1405
Samples Received By — Date/Time: 5/12/23 1405 345R not on ice
Samples Relinquished By — Date/Time: 5/12/23 17:45
Samples Received in LAB by — Date/Time: 5/12/23 2115

Temperature on Receipt: 4.0 °C

DEC-Victor D. York 5/12/23 17:45 DEC-Victor D. York 2115 5/12/23

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 23E0828

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time	Report/Deliverable Type
Company: Grid Logistics	SAME [X]	SAME [X]	Durante Bros	RUSH-Same Day	Summary Report X
Address:	Name:	Name:		RUSH-Next Day	QA Report
	Company:	Company:	Purchase Order #	RUSH-Two Day X	CT RCP
Phone.:	Address:	Address:		RUSH-Three Day	CT RCP DQA/DUE Pkg
Contact: Chris Z.				RUSH-Four Day	NY ASP A Package
E-mail:	E-mail:	E-mail	Samples from CT__NY__NJ__	Standard (5-7day)	NY ASP B Package
					NJDEP Reduced Deliv
					Excel X
					NYSDEC EQuIS
					NJDEP SRP HazSite
					EQuIS
					GIS/KEY (std)
					YORK Regulatory Comp Excel compared to:
					OTHER:

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Name (printed) Hongyang Lou

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360-Expanded No Dioxin/Furans
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded Full List
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
G-12	5/12/2023 0843	S	TAL/TCL + 30, incl VOCs, Herbicides, EPH Cat 2, CT ETPH, SPLP Extraction,	2 Jars, 4 vials
G-13	5/12/2023 0845	S	TAL/TCL + 30, incl VOCs, Herbicides, EPH Cat 2, CT ETPH, SPLP Extraction,	2 Jars, 4 vials
G-14	5/12/2023 0904	S	TAL/TCL + 30, incl VOCs, Herbicides, EPH Cat 2, CT ETPH, SPLP Extraction,	2 Jars, 4 vials
G-15	5/12/2023 0906	S	TAL/TCL + 30, incl VOCs, Herbicides, EPH Cat 2, CT ETPH, SPLP Extraction,	2 Jars, 4 vials
G-16	5/12/2023 0912	S	TAL/TCL + 30, incl VOCs, Herbicides, EPH Cat 2, CT ETPH, SPLP Extraction,	2 Jars, 4 vials
G-17	5/12/2023 0914	S	TAL/TCL + 30, incl VOCs, Herbicides, EPH Cat 2, CT ETPH, SPLP Extraction,	2 Jars, 4 vials
		REC-VickyD. York 5/12/23 17:45		
		REL-VickyD. York 5/12/23 2115		

Comments:

****HOLD ALL SAMPLES****
Vol's Retained in Queens

Preservation (check all applicable): 4°C ____ Frozen ____ HCl ____ MeOH ____ HNO_3 ____ H_2SO_4 ____ NaOH ____ ZnAc ____ Ascorbic Acid ____ Other ____

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time	Temperature on Receipt
	5/12/2023 1405		5/12/23@1405 3.4.5R not on ice.	
	5/12/23 17:45		5/12/23 2115	4.0 °C
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time	

Technical Report

prepared for:

Grid Logistics LLC
78 John Miller Way, Suite 312
Kearny NJ, 07032
Attention: Chris Zacharias

Report Date: 05/19/2023
Client Project ID: Durante Bros
York Project (SDG) No.: 23E0825

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 05/19/2023
Client Project ID: Durante Bros
York Project (SDG) No.: 23E0825

Grid Logistics LLC
78 John Miller Way, Suite 312
Kearny NJ, 07032
Attention: Chris Zacharias

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on May 12, 2023 and listed below. The project was identified as your project: **Durante Bros**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
23E0825-01	PFAS-1	Soil	05/12/2023	05/12/2023
23E0825-02	PFAS-2	Soil	05/12/2023	05/12/2023
23E0825-03	PFAS-3	Soil	05/12/2023	05/12/2023
23E0825-04	PFAS-4	Soil	05/12/2023	05/12/2023
23E0825-05	PFAS-5	Soil	05/12/2023	05/12/2023
23E0825-06	PFAS-6	Soil	05/12/2023	05/12/2023
23E0825-07	PFAS-7	Soil	05/12/2023	05/12/2023
23E0825-08	PFAS-8	Soil	05/12/2023	05/12/2023
23E0825-09	FB-20230512	Water	05/12/2023	05/12/2023

General Notes for York Project (SDG) No.: 23E0825

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By:

Date: 05/19/2023

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: **PFAS-1** **York Sample ID:** **23E0825-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0825	Durante Bros	Soil	May 12, 2023 9:19 am	05/12/2023

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	05/15/2023 15:25	05/18/2023 17:34	WEL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	05/15/2023 15:25	05/18/2023 17:34	WEL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	05/15/2023 15:25	05/18/2023 17:34	WEL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	05/15/2023 15:25	05/18/2023 17:34	WEL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	05/15/2023 15:25	05/18/2023 17:34	WEL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	05/15/2023 15:25	05/18/2023 17:34	WEL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	05/15/2023 15:25	05/18/2023 17:34	WEL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	05/15/2023 15:25	05/18/2023 17:34	WEL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	05/15/2023 15:25	05/18/2023 17:34	WEL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	05/15/2023 15:25	05/18/2023 17:34	WEL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	05/15/2023 15:25	05/18/2023 17:34	WEL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	05/15/2023 15:25	05/18/2023 17:34	WEL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	05/15/2023 15:25	05/18/2023 17:34	WEL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	05/15/2023 15:25	05/18/2023 17:34	WEL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	05/15/2023 15:25	05/18/2023 17:34	WEL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	05/15/2023 15:25	05/18/2023 17:34	WEL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	05/15/2023 15:25	05/18/2023 17:34	WEL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	05/15/2023 15:25	05/18/2023 17:34	WEL

Sample Information

Client Sample ID: PFAS-1 **York Sample ID:** 23E0825-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0825	Durante Bros	Soil	May 12, 2023 9:19 am	05/12/2023

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	05/15/2023 15:25	05/18/2023 17:34	WEL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	05/15/2023 15:25	05/18/2023 17:34	WEL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	05/15/2023 15:25	05/18/2023 17:34	WEL

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*84.3 %*		*25-150*
Surrogate: M5PFHxA	*85.4 %*		*25-150*
Surrogate: M4PFHpA	*104 %*		*25-150*
Surrogate: M3PFHxS	*86.4 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*99.4 %*		*25-150*
Surrogate: M6PFDA	*97.3 %*		*25-150*
Surrogate: M7PFUdA	*86.4 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*90.9 %*		*25-150*
Surrogate: M2PFTeDA	*82.3 %*		*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*71.8 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*93.2 %*		*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*79.2 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*63.0 %*		*10-150*
Surrogate: d3-N-MeFOSAA	*113 %*		*25-150*
Surrogate: d5-N-EtFOSAA	*131 %*		*25-150*
Surrogate: M2-6:2 FTS	*442 %*	PFSu-H	*25-200*
Surrogate: M2-8:2 FTS	*403 %*	PFSu-H	*25-200*
Surrogate: M9PFNA	*101 %*		*25-150*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**94.1**		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	05/17/2023 15:54	05/17/2023 15:57	AC

Sample Information

Client Sample ID: PFAS-2 **York Sample ID:** 23E0825-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0825	Durante Bros	Soil	May 12, 2023 9:21 am	05/12/2023

PFAS, NYSDEC Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.272	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 12:29	WEL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.272	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 12:29	WEL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.272	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 12:29	WEL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.272	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 12:29	WEL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.272	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 12:29	WEL
1763-23-1	*** Perfluorooctanesulfonic acid (PFOS)**	**0.396**		ug/kg dry	0.272	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 12:29	WEL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.272	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 12:29	WEL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.272	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 12:29	WEL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.272	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 12:29	WEL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.272	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 12:29	WEL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.272	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 12:29	WEL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.272	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 12:29	WEL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.272	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 12:29	WEL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.272	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 12:29	WEL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.272	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 12:29	WEL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.272	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 12:29	WEL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.272	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 12:29	WEL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.272	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 12:29	WEL

Sample Information

Client Sample ID: PFAS-2 **York Sample ID:** 23E0825-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0825	Durante Bros	Soil	May 12, 2023 9:21 am	05/12/2023

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.272	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 12:29	WEL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.272	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 12:29	WEL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.272	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 12:29	WEL

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*82.5 %*		*25-150*
Surrogate: M5PFHxA	*84.1 %*		*25-150*
Surrogate: M4PFHpA	*93.3 %*		*25-150*
Surrogate: M3PFHxS	*90.9 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*95.2 %*		*25-150*
Surrogate: M6PFDA	*93.3 %*		*25-150*
Surrogate: M7PFUdA	*92.8 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*87.2 %*		*25-150*
Surrogate: M2PFTeDA	*61.5 %*		*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*68.3 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*84.7 %*		*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*84.1 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*59.5 %*		*10-150*
Surrogate: d3-N-MeFOSAA	*89.4 %*		*25-150*
Surrogate: d5-N-EtFOSAA	*102 %*		*25-150*
Surrogate: M2-6:2 FTS	*343 %*	PFSu-H	*25-200*
Surrogate: M2-8:2 FTS	*343 %*	PFSu-H	*25-200*
Surrogate: M9PFNA	*99.8 %*		*25-150*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.1**		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	05/17/2023 15:54	05/17/2023 15:57	AC

Sample Information

Client Sample ID: PFAS-3 **York Sample ID:** 23E0825-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0825	Durante Bros	Soil	May 12, 2023 9:09 am	05/12/2023

PFAS, NYSDEC Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.260	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 12:42	WEL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.260	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 12:42	WEL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.260	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 12:42	WEL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.260	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 12:42	WEL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.260	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 12:42	WEL
1763-23-1	*** Perfluorooctanesulfonic acid (PFOS)**	**0.302**		ug/kg dry	0.260	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 12:42	WEL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.260	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 12:42	WEL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.260	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 12:42	WEL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.260	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 12:42	WEL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.260	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 12:42	WEL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.260	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 12:42	WEL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.260	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 12:42	WEL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.260	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 12:42	WEL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.260	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 12:42	WEL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.260	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 12:42	WEL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.260	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 12:42	WEL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.260	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 12:42	WEL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.260	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 12:42	WEL

Sample Information

Client Sample ID: PFAS-3 **York Sample ID:** 23E0825-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0825	Durante Bros	Soil	May 12, 2023 9:09 am	05/12/2023

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.260	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 12:42	WEL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.260	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 12:42	WEL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.260	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 12:42	WEL

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*91.0 %*		*25-150*
Surrogate: M5PFHxA	*92.1 %*		*25-150*
Surrogate: M4PFHpA	*101 %*		*25-150*
Surrogate: M3PFHxS	*95.4 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*103 %*		*25-150*
Surrogate: M6PFDA	*110 %*		*25-150*
Surrogate: M7PFUdA	*98.5 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*99.5 %*		*25-150*
Surrogate: M2PFTeDA	*78.3 %*		*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*78.1 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*103 %*		*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*89.0 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*80.4 %*		*10-150*
Surrogate: d3-N-MeFOSAA	*116 %*		*25-150*
Surrogate: d5-N-EtFOSAA	*139 %*		*25-150*
Surrogate: M2-6:2 FTS	*423 %*	PFSu-H	*25-200*
Surrogate: M2-8:2 FTS	*376 %*	PFSu-H	*25-200*
Surrogate: M9PFNA	*109 %*		*25-150*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.1**		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	05/17/2023 15:54	05/17/2023 15:57	AC

Sample Information

Client Sample ID: PFAS-4 **York Sample ID:** 23E0825-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0825	Durante Bros	Soil	May 12, 2023 9:11 am	05/12/2023

PFAS, NYSDEC Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.263	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 12:55	WEL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.263	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 12:55	WEL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.263	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 12:55	WEL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.263	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 12:55	WEL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.263	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 12:55	WEL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.263	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 12:55	WEL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.263	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 12:55	WEL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.263	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 12:55	WEL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.263	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 12:55	WEL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.263	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 12:55	WEL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.263	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 12:55	WEL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.263	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 12:55	WEL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.263	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 12:55	WEL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.263	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 12:55	WEL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.263	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 12:55	WEL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.263	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 12:55	WEL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.263	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 12:55	WEL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.263	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 12:55	WEL

Sample Information

Client Sample ID: PFAS-4 **York Sample ID:** 23E0825-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0825	Durante Bros	Soil	May 12, 2023 9:11 am	05/12/2023

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.263	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 12:55	WEL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.263	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 12:55	WEL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.263	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 12:55	WEL

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*80.4 %*		*25-150*
Surrogate: M5PFHxA	*82.8 %*		*25-150*
Surrogate: M4PFHpA	*89.0 %*		*25-150*
Surrogate: M3PFHxS	*77.5 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*86.7 %*		*25-150*
Surrogate: M6PFDA	*88.3 %*		*25-150*
Surrogate: M7PFUdA	*86.7 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*83.6 %*		*25-150*
Surrogate: M2PFTeDA	*69.1 %*		*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*68.0 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*90.6 %*		*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*76.6 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*62.4 %*		*10-150*
Surrogate: d3-N-MeFOSAA	*93.8 %*		*25-150*
Surrogate: d5-N-EtFOSAA	*117 %*		*25-150*
Surrogate: M2-6:2 FTS	*384 %*	PFSu-H	*25-200*
Surrogate: M2-8:2 FTS	*392 %*	PFSu-H	*25-200*
Surrogate: M9PFNA	*97.9 %*		*25-150*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.9**		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	05/17/2023 15:54	05/17/2023 15:57	AC

Sample Information

Client Sample ID: PFAS-5 **York Sample ID:** 23E0825-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0825	Durante Bros	Soil	May 12, 2023 8:51 am	05/12/2023

PFAS, NYSDEC Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/15/2023 15:25	05/18/2023 18:39	WEL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/15/2023 15:25	05/18/2023 18:39	WEL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/15/2023 15:25	05/18/2023 18:39	WEL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/15/2023 15:25	05/18/2023 18:39	WEL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/15/2023 15:25	05/18/2023 18:39	WEL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/15/2023 15:25	05/18/2023 18:39	WEL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/15/2023 15:25	05/18/2023 18:39	WEL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/15/2023 15:25	05/18/2023 18:39	WEL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/15/2023 15:25	05/18/2023 18:39	WEL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/15/2023 15:25	05/18/2023 18:39	WEL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/15/2023 15:25	05/18/2023 18:39	WEL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/15/2023 15:25	05/18/2023 18:39	WEL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/15/2023 15:25	05/18/2023 18:39	WEL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/15/2023 15:25	05/18/2023 18:39	WEL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/15/2023 15:25	05/18/2023 18:39	WEL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/15/2023 15:25	05/18/2023 18:39	WEL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/15/2023 15:25	05/18/2023 18:39	WEL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/15/2023 15:25	05/18/2023 18:39	WEL

Sample Information

Client Sample ID: PFAS-5 **York Sample ID:** 23E0825-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0825	Durante Bros	Soil	May 12, 2023 8:51 am	05/12/2023

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/15/2023 15:25	05/18/2023 18:39	WEL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/15/2023 15:25	05/18/2023 18:39	WEL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/15/2023 15:25	05/18/2023 18:39	WEL

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*72.2 %*		*25-150*
Surrogate: M5PFHxA	*74.7 %*		*25-150*
Surrogate: M4PFHpA	*75.7 %*		*25-150*
Surrogate: M3PFHxS	*69.6 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*81.6 %*		*25-150*
Surrogate: M6PFDA	*86.8 %*		*25-150*
Surrogate: M7PFUdA	*84.9 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*78.2 %*		*25-150*
Surrogate: M2PFTeDA	*63.4 %*		*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*63.4 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*77.1 %*		*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*68.0 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*61.6 %*		*10-150*
Surrogate: d3-N-MeFOSAA	*92.7 %*		*25-150*
Surrogate: d5-N-EtFOSAA	*104 %*		*25-150*
Surrogate: M2-6:2 FTS	*307 %*	PFSu-H	*25-200*
Surrogate: M2-8:2 FTS	*358 %*	PFSu-H	*25-200*
Surrogate: M9PFNA	*82.6 %*		*25-150*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.7**		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	05/17/2023 15:54	05/17/2023 15:57	AC

Sample Information

Client Sample ID: PFAS-6 **York Sample ID:** 23E0825-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0825	Durante Bros	Soil	May 12, 2023 8:58 am	05/12/2023

PFAS, NYSDEC Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.259	1	EPA 537m Certifications:	05/15/2023 15:25	05/18/2023 18:52	WEL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.259	1	EPA 537m Certifications:	05/15/2023 15:25	05/18/2023 18:52	WEL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.259	1	EPA 537m Certifications:	05/15/2023 15:25	05/18/2023 18:52	WEL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.259	1	EPA 537m Certifications:	05/15/2023 15:25	05/18/2023 18:52	WEL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.259	1	EPA 537m Certifications:	05/15/2023 15:25	05/18/2023 18:52	WEL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.259	1	EPA 537m Certifications:	05/15/2023 15:25	05/18/2023 18:52	WEL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.259	1	EPA 537m Certifications:	05/15/2023 15:25	05/18/2023 18:52	WEL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.259	1	EPA 537m Certifications:	05/15/2023 15:25	05/18/2023 18:52	WEL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.259	1	EPA 537m Certifications:	05/15/2023 15:25	05/18/2023 18:52	WEL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.259	1	EPA 537m Certifications:	05/15/2023 15:25	05/18/2023 18:52	WEL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.259	1	EPA 537m Certifications:	05/15/2023 15:25	05/18/2023 18:52	WEL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.259	1	EPA 537m Certifications:	05/15/2023 15:25	05/18/2023 18:52	WEL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.259	1	EPA 537m Certifications:	05/15/2023 15:25	05/18/2023 18:52	WEL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.259	1	EPA 537m Certifications:	05/15/2023 15:25	05/18/2023 18:52	WEL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.259	1	EPA 537m Certifications:	05/15/2023 15:25	05/18/2023 18:52	WEL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.259	1	EPA 537m Certifications:	05/15/2023 15:25	05/18/2023 18:52	WEL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.259	1	EPA 537m Certifications:	05/15/2023 15:25	05/18/2023 18:52	WEL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.259	1	EPA 537m Certifications:	05/15/2023 15:25	05/18/2023 18:52	WEL

Sample Information

Client Sample ID: PFAS-6 **York Sample ID:** 23E0825-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0825	Durante Bros	Soil	May 12, 2023 8:58 am	05/12/2023

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.259	1	EPA 537m Certifications:	05/15/2023 15:25	05/18/2023 18:52	WEL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.259	1	EPA 537m Certifications:	05/15/2023 15:25	05/18/2023 18:52	WEL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.259	1	EPA 537m Certifications:	05/15/2023 15:25	05/18/2023 18:52	WEL

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*82.8 %*		*25-150*
Surrogate: M5PFHxA	*87.1 %*		*25-150*
Surrogate: M4PFHpA	*90.9 %*		*25-150*
Surrogate: M3PFHxS	*84.8 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*93.9 %*		*25-150*
Surrogate: M6PFDA	*91.9 %*		*25-150*
Surrogate: M7PFUdA	*94.7 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*87.3 %*		*25-150*
Surrogate: M2PFTeDA	*68.1 %*		*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*78.8 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*94.3 %*		*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*69.2 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*56.2 %*		*10-150*
Surrogate: d3-N-MeFOSAA	*102 %*		*25-150*
Surrogate: d5-N-EtFOSAA	*127 %*		*25-150*
Surrogate: M2-6:2 FTS	*741 %*	PFSu-H	*25-200*
Surrogate: M2-8:2 FTS	*413 %*	PFSu-H	*25-200*
Surrogate: M9PFNA	*97.1 %*		*25-150*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.9**		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	05/17/2023 15:54	05/17/2023 15:57	AC

Sample Information

Client Sample ID: PFAS-7 **York Sample ID:** 23E0825-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0825	Durante Bros	Soil	May 12, 2023 8:39 am	05/12/2023

PFAS, NYSDEC Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 13:09	WEL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 13:09	WEL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 13:09	WEL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 13:09	WEL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 13:09	WEL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 13:09	WEL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 13:09	WEL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 13:09	WEL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 13:09	WEL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 13:09	WEL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 13:09	WEL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 13:09	WEL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 13:09	WEL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 13:09	WEL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 13:09	WEL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 13:09	WEL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 13:09	WEL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 13:09	WEL

Sample Information

Client Sample ID: PFAS-7 **York Sample ID:** 23E0825-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0825	Durante Bros	Soil	May 12, 2023 8:39 am	05/12/2023

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 13:09	WEL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 13:09	WEL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 13:09	WEL

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*87.1 %*		*25-150*
Surrogate: M5PFHxA	*85.0 %*		*25-150*
Surrogate: M4PFHpA	*99.2 %*		*25-150*
Surrogate: M3PFHxS	*90.0 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*93.0 %*		*25-150*
Surrogate: M6PFDA	*95.1 %*		*25-150*
Surrogate: M7PFUdA	*92.4 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*88.7 %*		*25-150*
Surrogate: M2PFTeDA	*65.1 %*		*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*68.8 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*89.8 %*		*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*85.1 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*62.9 %*		*10-150*
Surrogate: d3-N-MeFOSAA	*97.4 %*		*25-150*
Surrogate: d5-N-EtFOSAA	*113 %*		*25-150*
Surrogate: M2-6:2 FTS	*489 %*	PFSu-H	*25-200*
Surrogate: M2-8:2 FTS	*396 %*	PFSu-H	*25-200*
Surrogate: M9PFNA	*100 %*		*25-150*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.7**		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	05/17/2023 15:54	05/17/2023 15:57	AC

Sample Information

Client Sample ID: PFAS-8 **York Sample ID:** 23E0825-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0825	Durante Bros	Soil	May 12, 2023 8:41 am	05/12/2023

PFAS, NYSDEC Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.255	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 13:22	WEL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.255	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 13:22	WEL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.255	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 13:22	WEL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.255	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 13:22	WEL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.255	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 13:22	WEL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.255	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 13:22	WEL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.255	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 13:22	WEL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.255	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 13:22	WEL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.255	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 13:22	WEL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.255	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 13:22	WEL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.255	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 13:22	WEL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.255	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 13:22	WEL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.255	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 13:22	WEL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.255	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 13:22	WEL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.255	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 13:22	WEL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.255	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 13:22	WEL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.255	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 13:22	WEL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.255	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 13:22	WEL

Sample Information

Client Sample ID: PFAS-8 **York Sample ID:** 23E0825-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0825	Durante Bros	Soil	May 12, 2023 8:41 am	05/12/2023

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.255	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 13:22	WEL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.255	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 13:22	WEL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.255	1	EPA 537m Certifications:	05/15/2023 15:25	05/19/2023 13:22	WEL

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*92.5 %*		*25-150*
Surrogate: M5PFHxA	*94.1 %*		*25-150*
Surrogate: M4PFHpA	*96.6 %*		*25-150*
Surrogate: M3PFHxS	*95.4 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*102 %*		*25-150*
Surrogate: M6PFDA	*100 %*		*25-150*
Surrogate: M7PFUdA	*94.7 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*95.3 %*		*25-150*
Surrogate: M2PFTeDA	*58.5 %*		*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*81.5 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*99.3 %*		*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*90.5 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*56.2 %*		*10-150*
Surrogate: d3-N-MeFOSAA	*102 %*		*25-150*
Surrogate: d5-N-EtFOSAA	*112 %*		*25-150*
Surrogate: M2-6:2 FTS	*378 %*	PFSu-H	*25-200*
Surrogate: M2-8:2 FTS	*345 %*	PFSu-H	*25-200*
Surrogate: M9PFNA	*111 %*		*25-150*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.8**		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	05/17/2023 15:54	05/17/2023 15:57	AC

Sample Information

Client Sample ID: FB-20230512 **York Sample ID:** 23E0825-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0825	Durante Bros	Water	May 12, 2023 9:27 am	05/12/2023

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	1.00	1	EPA 537m Certifications:	05/18/2023 09:02	05/18/2023 14:32	WEL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ng/L	1.00	1	EPA 537m Certifications:	05/18/2023 09:02	05/18/2023 14:32	WEL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ng/L	1.00	1	EPA 537m Certifications:	05/18/2023 09:02	05/18/2023 14:32	WEL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	1.00	1	EPA 537m Certifications:	05/18/2023 09:02	05/18/2023 14:32	WEL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ng/L	1.00	1	EPA 537m Certifications:	05/18/2023 09:02	05/18/2023 14:32	WEL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	1.00	1	EPA 537m Certifications:	05/18/2023 09:02	05/18/2023 14:32	WEL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	1.00	1	EPA 537m Certifications:	05/18/2023 09:02	05/18/2023 14:32	WEL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	1.00	1	EPA 537m Certifications:	05/18/2023 09:02	05/18/2023 14:32	WEL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.00	1	EPA 537m Certifications:	05/18/2023 09:02	05/18/2023 14:32	WEL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	1.00	1	EPA 537m Certifications:	05/18/2023 09:02	05/18/2023 14:32	WEL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.00	1	EPA 537m Certifications:	05/18/2023 09:02	05/18/2023 14:32	WEL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.00	1	EPA 537m Certifications:	05/18/2023 09:02	05/18/2023 14:32	WEL
2355-31-9	* N-MeFOSAA	ND		ng/L	1.00	1	EPA 537m Certifications:	05/18/2023 09:02	05/18/2023 14:32	WEL
2991-50-6	* N-EtFOSAA	ND		ng/L	1.00	1	EPA 537m Certifications:	05/18/2023 09:02	05/18/2023 14:32	WEL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ng/L	1.00	1	EPA 537m Certifications:	05/18/2023 09:02	05/18/2023 14:32	WEL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	1.00	1	EPA 537m Certifications:	05/18/2023 09:02	05/18/2023 14:32	WEL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	1.00	1	EPA 537m Certifications:	05/18/2023 09:02	05/18/2023 14:32	WEL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.00	1	EPA 537m Certifications:	05/18/2023 09:02	05/18/2023 14:32	WEL

Sample Information

Client Sample ID: FB-20230512 **York Sample ID:** 23E0825-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23E0825	Durante Bros	Water	May 12, 2023 9:27 am	05/12/2023

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	2.50	1	EPA 537m Certifications:	05/18/2023 09:02	05/18/2023 14:32	WEL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.00	1	EPA 537m Certifications:	05/18/2023 09:02	05/18/2023 14:32	WEL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	1.00	1	EPA 537m Certifications:	05/18/2023 09:02	05/18/2023 14:32	WEL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*83.7 %*	*25-150*
Surrogate: M5PFHxA	*84.2 %*	*25-150*
Surrogate: M4PFHpA	*93.1 %*	*25-150*
Surrogate: M3PFHxS	*79.7 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*91.6 %*	*25-150*
Surrogate: M6PFDA	*92.7 %*	*25-150*
Surrogate: M7PFUdA	*88.7 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*81.3 %*	*25-150*
Surrogate: M2PFTeDA	*46.3 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*71.0 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*95.3 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*73.8 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*24.9 %*	*10-150*
Surrogate: d3-N-MeFOSAA	*80.9 %*	*25-150*
Surrogate: d5-N-EtFOSAA	*87.8 %*	*25-150*
Surrogate: M2-6:2 FTS	*93.5 %*	*25-200*
Surrogate: M2-8:2 FTS	*141 %*	*25-200*
Surrogate: M9PFNA	*94.3 %*	*25-150*

Sample and Data Qualifiers Relating to This Work Order

Temp_S2	The samples were delivered directly from the field by the client. Upon receipt, the temperature of the samples exceeded 6 deg. C. Ice was not present and the temperature excursion is noted accordingly.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon current NELAC/TNI Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Corrective Action: Cooler was received in Queens @ 34.5c, ice was not present.

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 23E0825

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time	Report/Deliverable Type
Company: Grid Logistics	SAME [X]	SAME [X]	Durante Bros	RUSH-Same Day	Summary Report X
Address:	Name:	Name:		RUSH-Next Day	QA Report
	Company:	Company:	Purchase Order #	RUSH-Two Day X	CT RCP
Phone.:	Address:	Address:		RUSH-Three Day	CT RCP DQA/DUE Pkg
Contact: Chris Z.				RUSH-Four Day	NY ASP A Package
E-mail:	E-mail:	E-mail	Samples from CT__NY__NJ__	Standard (5-7day)	NY ASP B Package
					NJDEP Reduced Deliv
					Excel X
					NYSDEC EQuIS
					NJDEP SRP HazSite
					EQuIS
					GIS/KEY (std)
					YORK Regulatory Comp Excel compared to:
					OTHER:

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Hongyang Lou
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.
624	Site Spec.	STARS list	8081 Pest	PP13 list	TPH DRO	TCL Organics
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met(s)
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App IX
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360+ (state)
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360 Baseline
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360 Expanded (No Uranium Radium)
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360 Expanded Full List
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
PFAS-1	5/12/2023 0919	S	PFAS	1 jar
PFAS-2	5/12/2023 0921	S	PFAS	1 jar
PFAS-3	5/12/2023 0908	S	PFAS	1 jar
PFAS-4	5/12/2023 0911	S	PFAS	1 jar
PFAS-5	5/12/2023 0851	S	PFAS	1 jar
PFAS-6	5/12/2023 0858	S	PFAS	1 jar
PFAS-7	5/12/2023 0839	S	PFAS	1 jar
PFAS-8	5/12/2023 0841	S	PFAS	1 jar
FB-~~20230511~~ 20230512	5/12/2023 0927	GW	PFAS	1 jar

Comments:

Preservation (check all applicable): 4°C ___ Frozen ___ HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other ___

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By — Date/Time: 5/12/2023 1405
Samples Relinquished By — Date/Time:
Samples Received By — Date/Time:
Samples Received in LAB by — Date/Time: 5/12/23 3:45C

Temperature on Receipt: not on ice.

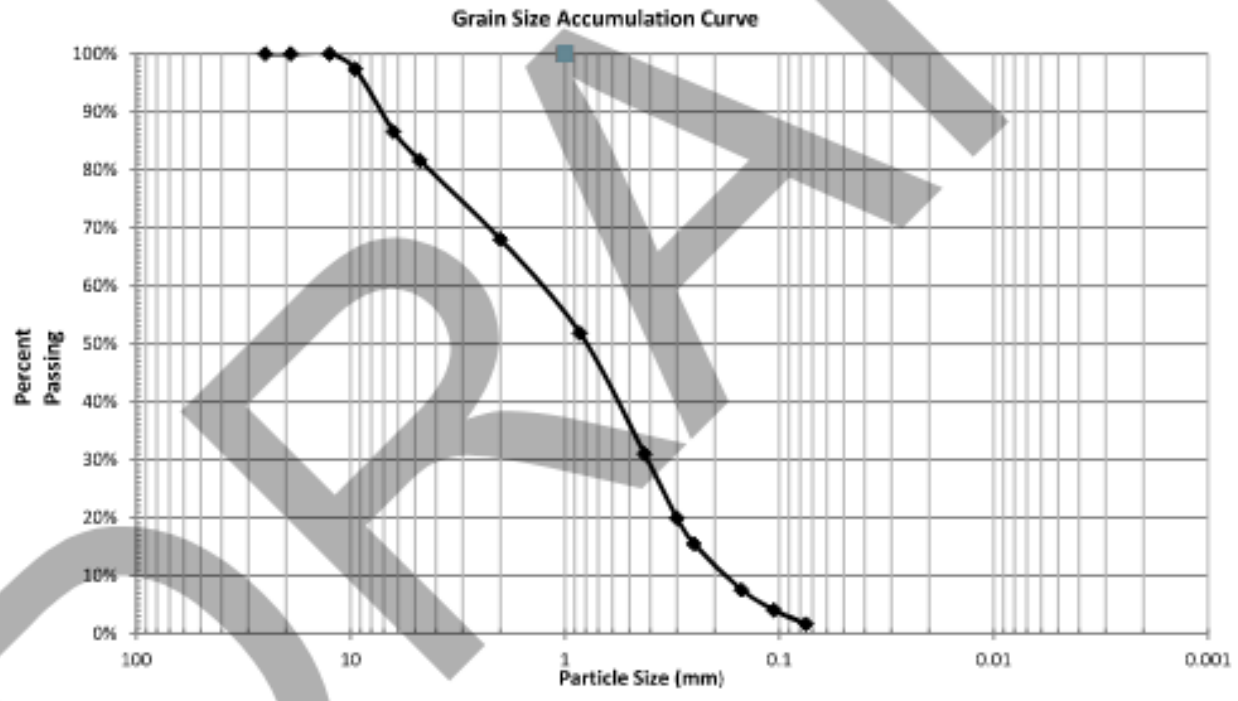
TWIN PEAKS
DELIVERING EXCELLENCE IN QUALITY SINCE 1992
37-39 30th St. Long Island City, NY 11101 T: (718)-482-1911 F: (718)-482-7767

CLIENT NAME:	Triumph	**DATE ANALYZED:**	5/23/2023
PROJECT NAME:	Willets Point OU2	**TPI PROJECT NO.:**	2200414
PROJECT ADDRESS:	Willets Point, Flushing NY	**CCTL NO. :**	8530
MATERIAL DESCRIPTION:	Cleanfill (Durante)	**DATE RECEIVED:**	5/19/2023
		TECHNICIAN:	P. Jover

PARTICLE SIZE ANALYSIS OF SOILS

ASTM D - 422

The material from the above project, labeled as indicated in the sample ID section above, was analyzed with the following results:



% Coarse Gravel	0.0%	% Coarse Sand	13.6%	% Fines	1.7%
% Fine Gravel	18.4%	% Medium Sand	37.0%		
		% Fine Sand	29.3%		

DRAFT

TWIN PEAKS
DELIVERING EXCELLENCE IN QUALITY SINCE 1992
37-39 30th St. Long Island City, NY 11101 T: (718)-482-1911 F: (718)-482-7767

CLIENT NAME:	Triumph	**DATE ANALYZED:**	5/23/2023
PROJECT NAME:	Willets Point OU2	**TPI PROJECT NO.:**	2200414
PROJECT ADDRESS:	Willets Point, Flushing NY	**CCTL NO. :**	8530
MATERIAL DESCRIPTION:	Cleanfill (Durante)	**DATE RECEIVED:**	5/19/2023
		TECHNICIAN:	P. Jover

PARTICLE SIZE ANALYSIS OF SOILS

ASTM D - 422

The material from the above project, labeled as indicated in the sample ID section above, was analyzed with the following results.

SIEVE ANALYSIS

Sieve Size	Percent Passing	Specification
1 IN	100.0%	Not Specified
3/4 IN	100.0%	
1/2 IN	100.0%	
3/8 IN	97.4%	
1/4 IN	86.6%	
No. 4	81.6%	
NO. 10	68.0%	
NO. 20	51.8%	
NO. 40	31.0%	
NO. 50	19.9%	
NO. 60	15.5%	
NO. 100	7.5%	
NO. 140	4.1%	
NO. 200	1.7%	

Remarks: Material was sampled and delivered Twin Peaks Inspector
Moisture content of sample upon receipt is 7.3%, as determined by test method ASTM D2216
Soil visual classification: SP Poorly graded sand with gravel

All general information listed in this report, location and project where the test specimens were prepared is as provided to us by the Client. All reports are confidential property of the Client, and information contained herein may not be published or reproduced without our written approval.

Results obtained is limited only to the items inspected or tested. This report cannot be reproduced, except in full, without the prior written approval of Twin Peaks.

My P.E. seal must appear in blue ink only
Otherwise this document is null and void

Mikhail Zeygman, P.E.

5/23/2023
Date

New York City Qualification No. 2

DRAFT

Nicholas Palumbo

From: Elizabeth Burgess
Sent: Monday, August 18, 2025 5:08 PM
To: Nicholas Palumbo
Subject: FW: Willets Point OU-2 (Phase 2) - C241146 - Material Import Request - Durante Bros. Construction Corp.

Elizabeth Burgess, PE
Project Engineer

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Mobile: 203.710.7157
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From: Zheng, Wendi Y (DEC) <Wendi.Zheng@dec.ny.gov>
Sent: Thursday, June 8, 2023 7:50 AM
To: Kristen Wexler <kwexler@langan.com>
Cc: O'Connell, Jane H (DEC) <jane.oconnell@dec.ny.gov>; Obligado, Andre A (DEC) <andre.obligado@dec.ny.gov>; Gerald Nicholls <gnicholls@Langan.com>; Jason Hayes <jahayes@Langan.com>; Elizabeth Burgess <eburgess@langan.com>; Ellie Seery <Eseery@langan.com>
Subject: [External] RE: Willets Point OU-2 (Phase 2) - C241146 - Material Import Request - Durante Bros. Construction Corp.

Kristen,
The Department has reviewed the request dated March 25, 2023 to import approximately 7,000 cubic yards of general fill material from Durante Bros. Construction Corp. (Permit ID No. 41W22) located at 31-40 123rd Street in New York. The material will be used for the cover system. Based on the information provided, the request is hereby approved.

The proposed fill material meets the lower of the Restricted Residential or Groundwater Protection soil cleanup objectives (SCOs) in accordance with Part 375-6.7(d)(1). Therefore, this material may be placed below the demarcation layer or above the demarcation layer.

Testing in accordance with DER-10, the Remedial Action Work Plan and approval by the Department is required for any additional material imported from this source. Should you have any questions, please contact me.

Thank you,

Wendi Zheng
New York State Department of Environmental Conservation
P: (718) 482-7541 | wendi.zheng@dec.ny.gov

From: Kristen Wexler <kwexler@langan.com>
Sent: Wednesday, June 7, 2023 1:49 PM
To: Zheng, Wendi Y (DEC) <Wendi.Zheng@dec.ny.gov>
Cc: O'Connell, Jane H (DEC) <jane.oconnell@dec.ny.gov>; Obligado, Andre A (DEC) <andre.obligado@dec.ny.gov>; gnicholls@langan.com; jahayes@Langan.com; Elizabeth Burgess <eburgess@langan.com>; Ellie Seery <Eseery@langan.com>
Subject: RE: Willets Point OU-2 (Phase 2) - C241146 - Material Import Request - Durante Bros. Construction Corp.

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Hi Wendi,

Following up on the below, please let us know if you have any further questions.

Thank You,
Kristen

Kristen Wexler
Senior Staff Scientist

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From: Kristen Wexler
Sent: Friday, June 2, 2023 5:12 PM
To: 'Zheng, Wendi Y (DEC)' <Wendi.Zheng@dec.ny.gov>
Cc: O'Connell, Jane H (DEC) <jane.oconnell@dec.ny.gov>; Obligado, Andre A (DEC) <andre.obligado@dec.ny.gov>; Gerald Nicholls <gnicholls@Langan.com>; Jason Hayes <jahayes@Langan.com>; Elizabeth Burgess <eburgess@langan.com>; Ellie Seery <Eseery@langan.com>
Subject: RE: Willets Point OU-2 (Phase 2) - C241146 - Material Import Request - Durante Bros. Construction Corp.

Hi Wendi,

As requested, composite sample C-5 was recollected. Attached please find the laboratory report and data for the sample. No analytes exceeded the NYSDEC Protection of Groundwater or Restricted Use Restricted – Residential SCOs.

Thank You,
Kristen

Kristen Wexler
Senior Staff Scientist

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From: Zheng, Wendi Y (DEC) <Wendi.Zheng@dec.ny.gov>
Sent: Thursday, May 25, 2023 2:25 PM
To: Kristen Wexler <kwexler@langan.com>
Cc: O'Connell, Jane H (DEC) <jane.oconnell@dec.ny.gov>; Obligado, Andre A (DEC) <andre.obligado@dec.ny.gov>; Gerald Nicholls <gnicholls@Langan.com>; Jason Hayes <jahayes@Langan.com>; Elizabeth Burgess <eburgess@langan.com>; Ellie Seery <Eseery@langan.com>
Subject: [External] RE: Willets Point OU-2 (Phase 2) - C241146 - Material Import Request - Durante Bros. Construction Corp.

Hi Kristen,
Are you able to retake the composite sample C-5 to see if there are still exceedances?

Wendi Zheng
New York State Department of Environmental Conservation
P: (718) 482-7541 | wendi.zheng@dec.ny.gov

From: Kristen Wexler <kwexler@langan.com>
Sent: Thursday, May 25, 2023 10:07 AM
To: Zheng, Wendi Y (DEC) <Wendi.Zheng@dec.ny.gov>
Cc: O'Connell, Jane H (DEC) <jane.oconnell@dec.ny.gov>; Maycock, Cris-Sandra (DEC) <cris-sandra.maycock@dec.ny.gov>; Obligado, Andre A (DEC) <andre.obligado@dec.ny.gov>; gnicholls@langan.com; jahayes@Langan.com; Elizabeth Burgess <eburgess@langan.com>; Ellie Seery <Eseery@langan.com>
Subject: Willets Point OU-2 (Phase 2) - C241146 - Material Import Request - Durante Bros. Construction Corp.

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Good Afternoon Wendi,

The contractor at Willets Point (BCP Site No. C241146) proposes import of about 7,000 CY of clean fill from the Durante Bros. Construction Corp. facility located at 31-40 123rd Street in Flushing, New York (NYSDEC Solid Waste Management Facility Registration No. 41W22). The clean fill will be used as clean cover material.

The following documentation is attached:

1. NYSDEC Material Import Request Form
1. NYSDEC Registration Form for a Solid Waste Management Facility for Durante Bros. Construction Corp.
2. Clean Source Letter by Durante Bros, dated 5/22/2023
3. Durante Brothers – May 12, 2023 Sampling Event Letter by Tenen Environmental, dated 5/22/2023
    a) Scaled Figure of Sample Locations by Grid Logistics, dated 5/12/2023
    b) Photographic Log by Grid Logistics
    c) Analytical Laboratory Report No. 23E0826 by York Analytical Laboratories, dated 5/19/2023
    d) Analytical Laboratory Report No. 23E0828 by York Analytical Laboratories, dated 5/19/2023
    e) Analytical Laboratory Report No. 23E0825 by York Analytical Laboratories, dated 5/19/2023
    f) Sieve Analysis, prepared by Twin Peaks, dated 5/23/2023

Benzo(a)anthracene marginally exceeds the NYSDEC Protection of Groundwater (PGW) and Restricted Use Restricted – Residential SCOs in one of the 8 composite samples (C-5) collected at a concentration of 1.190 mg/kg. No additional analytes exceed the NYSDEC SCOs.

Langan will also complete an on-site inspection of the stockpiles at the source facility prior to import as well as inspecting all imported loads.

Please let us know if you take exception to the import and placement of the described material.

Thank You,
Kristen

Kristen Wexler
Senior Staff Scientist

LANGAN

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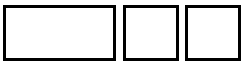

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APPENDIX F

SITE INSPECTION FORM

SITE INSPECTION CHECKLIST

Site Name: Willets Point Development Phase 1 Senior Housing Location: Queens, NY Project Number: 170197650

Inspector Name: Max Ringold Date: November 21, 2025 Weather Conditions: 41-48°F

Reason for Inspection (i.e., routine, severe condition, etc.): Annual Inspection

Check one of the following: **Y:** Yes **N:** No **NA**: Not Applicable

		Y	N	NA	Normal Situation	Remarks
	General					
1	What are the current site conditions?	--	--	--	--	The site is vacant and pending redevelopment construction.
2	Are all applicable site records (e.g., documentation of construction activity, most current easement, SMP, etc.) complete and up to date?	**Y**			Y	
	Easement					
3	Has site use (restricted-residential) remained the same?	**Y**			Y	
4	Does it appear that all environmental easement restrictions have been followed?	**Y**			Y	
	Site Cover System					
5	Are there any indications of a breach in the capping system at the time of this inspection?	**N**			N	The cover system is intact across the site. Two trenches were observed along the southern site boundary at the interface of Building 2 and future Building 3. The trenches were excavated during Building 2 redevelopment for waterproofing the adjacent foundation. The trenches were excavated to approximately one foot below ground surface and do not breach the demarcation layer.
6	Are there any cracks in the building slabs?			**N/A**	N	
7	Are there any cracks in the building walls?			**N/A**	Y	
8	Is there any construction activity, or indication of any construction activity within the past certification year (including any tenant improvements), that included the breaching of the capping system, on-site at the time of this inspection?	**N**			N	Two trenches in the site cover system exist but do not breach the demaraction layer. The trenches will be restored during the next reporting period.
9	If YES to number 8, is there documentation that the Soil Management Plan, HASP, and CAMP for the site was/is being followed?			**N/A**	NA if N to 8 Y if Y to 8	
	SMD Systems					
10	Are all visible SMD system components intact and operational at the time of this inspection?			**N/A**	NA	A building does not exist at the site and therefore there are no vapor mitigation system(s).

**

* **If the answer to any of the above questions indicate non-compliance with any IC/ECs for the site, additional remarks must be provided and, where applicable, documentation attached to this checklist detailing additional inspection and repair activities.**

Additional Remarks

Minimum Inspection Schedule: Site-wide inspections will be conducted annually, per certification year, at a minimum. Additional inspections will also be conducted at times of severe condition events. All inspection events will utilize this checklist.

APPENDIX G

PHOTOGRAPH LOG

Photo 1: View of the temporary access ramp from 126th Lane (facing south).

Photo 2: View of the western part of the site (facing east).

Photo 3: View of the western part of the site from the temporary access ramp (facing west).

Photo 4: View of the eastern part of the site from the temporary access ramp (facing east).

Photo 5: View from the eastern part of the site from future 39th Avenue (facing northwest).

Photo 6: View of the groundwater monitoring well on the west side of site (facing southeast).

APPENDIX H

QUARTERLY GROUNDWATER MONITORING REPORT

December 15, 2025

Glenn Goldstein
Richard Browne
QDG 126th Street Partners, LLC
QDG Hotel Partners, LLC
QDG Parking Partners, LLC
QDG Retail Partners, LLC
Queens Development Group, LLC
c/o Related Companies
30 Hudson Yards, 72nd Floor
New York, NY 10001

Re: Willets Point Development Phase 1 Senior Housing
Willets Point Development SCA School
Willets Point Development Triangle Parcel
38-02 126th Lane (a/k/a N/A Willets Point Blvd.), Queens, NY
38-15 126th Lane (a/k/a N/A Willets Point Blvd.), Queens, NY
38-27 126th Street (a/k/a N/A Roosevelt Avenue), Queens, NY
Brownfield Cleanup Program #s C241146B, C241146D & C241146E
B-MW201R, B-MW206, C-MW201, and E-RW105 Groundwater Monitoring Response

Dear Glenn Goldstein and Richard Browne:

The New York State Department of Environmental Conservation (NYSDEC) has reviewed the Quarterly Groundwater Monitoring Report – October 2025 dated December 2, 2025 which was prepared by Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. on behalf of QDG 126th Street Partners, LLC, QDG Hotel Partners, LLC, QDG Parking Partners, LLC, QDG Retail Partners, LLC, and Queens Development Group, LLC (collectively "the Volunteer"). The report requests to discontinue future groundwater monitoring for monitoring well ID Nos. B-MW201R, B-MW206, C-MW201, and E-RW105. Based on NYSDEC's review of the report, as well as the data obtained during previous groundwater monitoring events, the request to discontinue groundwater monitoring at monitoring well ID Nos. B-MW201R, B-MW206 and E-RW105 is approved.

The request to discontinue groundwater monitoring at monitoring well ID No. C-MW201 is not approved. NYSDEC has determined that this monitoring well has not achieved asymptotic decreased in petroleum related contaminants and is in the downgradient of

the treatment areas of the Willets Point Development SCA School (Site No. C241146D) and Willets Point Development L-Parcel (Site No. C241146H) BCP Sites.

In accordance with the approved Remedial Action Work Plans (RAWPs) dated March 2021 and June 2022, groundwater monitoring well ID Nos. B-MW201R, B-MW206 and E-RW105 must be properly decommissioned in accordance with NYSDEC CP-43: Groundwater Monitoring Well Decommissioning Policy.

Please ensure that a copy of this letter and all the groundwater monitoring reports are placed in the document repositories.

Should you have any questions regarding this letter or any other aspect of the project, please contact me at 718-482-7541 or wendi.zheng@dec.ny.gov.

Sincerely,
Wendi Zheng
Wendi Zheng
Project Manager

ec: J. O'Connell, A. Obligado, J. Andaloro – NYSDEC
S. McLaughlin, H. Hood – NYSDOH
M. Chertok, C. Leas – SPR
J. Hayes, G. Nichols, E. Burgess – Langan

December 2, 2025

Wendi Zheng
Project Manager
NYSDEC – Region 2
47-40 21st Street
Long Island City, New York 11101

Re: Quarterly Groundwater Monitoring Report – October 2025
Willets Point Development – Former OU-1 and OU-2
126-58 Willets Point Boulevard, Queens, New York 11368
NYSDEC BCP Site No. C241146B, C241146D, C241146E, C241146H
Langan Project No. 170197605

Dear Ms. Zheng:

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan) prepared this letter report on behalf of The Queens Development Group, LLC (QDG); QDG Hotel Partners, LLC; QDG 126th Street Partners, LLC; QDG Parking Partners, LLC; QDG Retail Partners, LLC; Willets Point Phase I Owner, LLC; and Willets Point Phase I LIHTC Owner, L.P. (collectively the "Volunteers") to summarize October 2025 groundwater monitoring completed for the properties formerly known as Willets Point Development – Operable Unit 1 (OU-1) and Operable Unit 2 (OU-2). Former OU-1 and OU-2 are located at Seaver Way and Willets Point Boulevard in the Corona neighborhood of Queens, New York and comprise the former 22.868-acre Willets Point Development Brownfield Cleanup Program (BCP) Site.

An amendment to the Brownfield Cleanup Agreement (BCA), dated October 31, 2023, and seven new BCAs of the same date each effective as of December 16, 2013, divided the 22.868-acre former Willets Point Development BCP Site into eight separate BCP sites identified by the New York State Department of Environmental Conservation (NYSDEC) as BCP Site No. C241146 and C241146B through C24146H, and removed future roadways and sliver lot parcels.

This report documents fourth quarter 2025 groundwater monitoring activities performed at BCP Site Nos. C241146B, C241146D, C241146E, and C241146H. The October 2025 sampling event constitutes the tenth quarterly sampling event for former OU-1 and ninth quarterly sampling event for former OU-2. The locations of the BCP sites, former OU-1, and former OU-2 are provided as Figure 1.

A comprehensive groundwater monitoring program for the former OU-1 and former OU-2 monitoring well network was performed in accordance with the following NYSDEC-approved Site Management Plans (SMPs):

- June 24, 2024 SMP for the Willets Point Development Phase 1 Senior Housing site (C241146B – within former OU-2),
- August 9, 2024 SMP for the Willets Point Development SCA School (C241146D – within former OU-2),
- August 30, 2024 SMP for the Willets Point Development Triangle Parcel (C241146E – within former OU-2), and
- June 23, 2025 Draft SMP for the Willets Point Development L-Parcel (C241146H – within former OU-2).

The December 8, 2023 SMP for the Willets Point Development Phase 1 Housing Buildings 1 and 2 site (C241146) initially included groundwater monitoring requirements, but cessation of monitoring was approved by NYSDEC on May 9, 2025. SMPs for the following sites within former OU-1 and former OU-2 do not include groundwater monitoring obligations: Willets Point Development Stadium (C241146C), Willets Point Development T-Parcel (C241146F), and Willets Point Development Northern Parcel (C241146G). The October 2025 groundwater monitoring event was completed on October 20 and 21, 2025. Groundwater monitoring was performed to document conditions following site remediation. For consistency with the NYSDEC-approved May 11, 2021 OU-1 Remedial Action Work Plan (RAWP), the NYSDEC-approved June 7, 2022 OU-2 RAWP, and previous quarterly monitoring reports, this report refers to the former OU-1 and former OU-2 boundary descriptions and monitoring well array.

SITE DESCRIPTION

Former OU-1 and former OU-2 are currently unoccupied, improved with a site cover system, and undergoing infrastructure and building construction. Former OU-1 and former OU-2 are bounded by automotive repair and wrecking facilities followed by metal scrap yards to the north; NYSDEC-registered recycling facility, Evergreen Recycling of Corona (EROC) and Long Island Rail Road (LIRR) storage area, Flushing Creek, and Van Wyck Expressway followed by Roosevelt Avenue and Metropolitan Transit Authority (MTA) No. 7 aboveground subway train line to the east; Roosevelt Avenue and MTA No. 7 aboveground subway train line followed by the MTA New York City Transit Casey Stengel Bus Depot and Corona Maintenance Facility to the south; and the Citi Field baseball stadium to the west.

PROJECT BACKGROUND

Ongoing redevelopment includes an affordable housing development on BCP Site No. C241146 anticipated to be complete by March 2026 and a public open space area on a portion of BCP Site No. C241146E. Forthcoming redevelopment includes a senior affordable rental apartment building on BCP Site No. C241146B, a public school to be constructed by the New York City School Construction Authority (NYC SCA) on BCP Site No. C241146D, a hotel and an affordable housing rental building on BCP Site No. C241146E. The development plans for the L-Parcel (BCP Site No. C241146H) are not yet finalized. During the October 2025 groundwater monitoring event, redevelopment activities included infrastructure improvements in the Triangle Parcel (BCP Site No. C241146E), which included excavation, backfilling, and active dewatering. Investigation

and remediation of former OU-1 and former OU-2 were performed under the NYSDEC BCP in advance of the redevelopment. The former OU-1 Remedial Investigation (RI) was conducted between October 22, 2018 and November 5, 2019, and the RI for former OU-2 was conducted between September 3, 2021 and March 4, 2022. Remediation of former OU-1 was conducted between June 7, 2021 and December 9, 2024 and the remediation of former OU-2 was conducted between June 6, 2022 and May 1, 2025. Remedial activities are documented in the NYSDEC-approved December 20, 2023 Final Engineering Report (FER) for Phase 1 Housing Buildings 1 and 2 (BCP Site No. C241146), the June 24, 2024 FER for Phase 1 Senior Housing (BCP Site No. C241146B), the January 22, 2025 FER for SCA School (BCP Site No. C241146D), the August 30, 2024 FER for Triangle Parcel (BCP Site No. C241146E), and the July 17, 2025 Draft FER for L-Parcel (BCP Site No. C241146H).

After remedial excavations were completed, baseline groundwater sampling and in-situ groundwater treatment was performed at both OUs. In-situ groundwater treatment areas are located in the northern portion of former OU-1, now identified as the Willets Point Development SCA School BCP Site (Site No. C241146D), and in the eastern portion of former OU-2, now identified as Willets Point Development L-Parcel BCP Site (Site No. C241146H). In-situ groundwater treatment areas are shown on Figure 2.

Former OU-1 Baseline Groundwater Sampling (August 2022)

In August 2022, the first post-remediation quarterly groundwater sampling event was conducted on former OU-1 to assess the performance of the remedy. Groundwater results showed a reduction of greater than 80% in total volatile organic compounds (VOC) and total semivolatile organic compounds (SVOC) concentrations for all monitoring wells sampled during the first quarterly groundwater monitoring event. Chlorinated VOCs detected above NYSDEC SGVs during the RI sampling event were non-detect in the respective groundwater monitoring well during the first monitoring event. However, data from the northeast part of OU-1 indicated the presence of petroleum-related VOCs exceeding NYSDEC Technical and Operational Guidance Series 1.1.1 Ambient Water Quality Standards and Guidance Values for Class GA (SGVs). Several VOCs detected in groundwater were also detected in post-excavation documentation soil samples at concentrations above the NYSDEC Part 375 Protection of Groundwater (PGW) SCOs in the northern part of OU-1, including:

- 1,2,4-trimethylbenzene,
- acetone,
- benzene, ethylbenzene, toluene, xylenes [BTEX],
- tert-butyl methyl ether [MTBE], and
- naphthalene.

In-situ groundwater treatment was implemented in the northeast part of former OU-1 (BCP Site No. C241146D) to remediate the contaminants of concern, in accordance with the NYSDEC-approved November 4, 2022 OU-1 Remedial Design for In-Situ Groundwater Treatment for

former OU-1 and the NYSDEC-approved August 30, 2024 Supplemental Remedial Design Work Plan for Willets Point Development SCA School, as discussed below.

Former OU-2 Baseline Groundwater Sampling (June 2023)

In June 2023, the first post-remediation quarterly groundwater sampling event was conducted for the monitoring wells in former OU-2 to assess the performance of the remedy. Baseline groundwater sampling from the monitoring wells located in former OU-2 resulted in the detection of VOCs and SVOCs at concentrations exceeding the NYSDEC SGVs in three monitoring wells. One SVOC was detected above the NYSDEC SGVs in the groundwater sample collected from monitoring well E-RW202 (BCP Site No. C241146E). VOCs and SVOCs were detected at concentrations exceeding the NYSDEC SGVs in groundwater taken from monitoring wells J-MW117 and J-MW118 (BCP Site No. C241146H). These post-remediation quarterly sampling results were presented in the August 30, 2024 FER for Triangle Parcel (BCP Site No. C241146E) and the January 8, 2025 Draft FER for L-Parcel (BCP Site No. C241146H).

Following the baseline sampling event in June 2023, LNAPL was observed in monitoring well J-MW117 during the September 2023 quarterly groundwater sampling event, which is inconsistent with baseline observations and prior investigations within the L-Parcel site. In response to the presence of LNAPL, monthly LNAPL recovery events for J-MW117 via vacuum enhanced fluid recovery began in September 2023, and oil-only absorbent socks were placed in the well, in accordance with the NYSDEC-approved March 30, 2023 RAWP Modification Memorandum for former OU-2, as discussed below.

Between vacuum events, Langan placed an oil-only absorbent sock in the well for observation and passive LNAPL recovery. Following LNAPL gauging and oil-only absorbent sock removal/inspection, vacuum-enhanced recovery was performed on J-MW117 using a NYSDEC Part 364-permitted vacuum truck. A total of 8,849[1] gallons of petroleum-impacted groundwater were recovered from J-MW117 between September 27, 2023, and May 1, 2025. The LNAPL and petroleum-impacted groundwater was transported to the Dale Transfer Corporation facility in West Babylon, New York for disposal.

In-Situ Groundwater Treatment

<u>In-Situ Sorption and Biodegradation via PetroFix™ and ORC Advanced® (BCP Site No. C241146D)</u>

In-situ groundwater treatment was conducted in the northeastern part of former OU-1 (BCP Site No. C241146D) from November 28, 2022 to January 17, 2023 by direct mixing 9,200 pounds of PetroFix™ and 5,920 pounds of Oxygen Release Compound (ORC) Advanced® into saturated soil in accordance with the NYSDEC-approved November 2022 Remedial Design for former OU-1. The in-situ mixing and treatment area was an about 15,100 square-feet area and is shown in

[1] This volume is inclusive of 1,330 gallons of petroleum-impacted groundwater removed from four recovery wells (H-MW101, H-MW102, H-MW103, and H-MW104) and one groundwater monitoring well (J-MW117), using a vacuum truck. The volumes from each well were not separated out during these two mobilizations on October 25, 2023 and November 15, 2023; therefore, the total quantity includes the gallons of petroleum-impacted groundwater removed from H-MW101, H-MW102, H-MW103, H-MW104, and J-MW117.

Figure 2. Groundwater sampling was conducted on February 16, 2023 to evaluate treatment efficacy by sampling six monitoring wells, including two monitoring wells within the treatment area (C-MW206 and C-RMW01) and four monitoring wells down gradient or cross gradient monitoring wells (B-MW206, C-MW205, B-MW201R and C-MW201). The groundwater monitoring results presented in the March 2, 2023 Draft In-Situ Groundwater Treatment 30-Day Performance Memorandum indicated a decline in target contaminant concentrations.

In-Situ Sorption and Biodegradation via PetroFix™ and ORC Advanced® (BCP Site No. C241146H)

In-situ groundwater treatment was conducted in the eastern part of former OU-2 (BCP Site No. C241146H) from April 8 to April 13, 2023, by direct mixing 6,400 pounds of PetroFix™ and 1,240 pounds of ORC Advanced® into saturated soil and groundwater in accordance with the NYSDEC-approved March 30, 2023 RAWP Modification Memorandum for former OU-2. The in-situ mixing and treatment area was an about 12,000 square-feet area and is shown in Figure 2. Post remedial groundwater sampling was conducted on June 26, 2023, which included sampling of four former OU-2 monitoring wells, including the two monitoring wells within the L-Parcel treatment area (J-MW117 and J-MW118) and two monitoring wells located within the Triangle parcel (E-RW105 and E-RW202). The groundwater sampling results presented in the August 30, 2024 FER for Triangle Parcel (BCP Site No. C241146E) and the January 8, 2025 Draft FER for L-Parcel (BCP Site No. C241146H) indicated a decline in target contaminant concentrations.

In-Situ Chemical Oxidation (ISCO) and Bioremediation via Provect-OX® (BCP Site No. C241146D)

The NYSDEC requested supplemental groundwater remediation in the northeastern part of former OU-1 (BCP Site No. C241146D) in July 2024, due to the presence of VOCs and SVOCs exceeding NYSDEC PGW SCOs in soil and concentrations in groundwater above the NYSDEC SGVs. The supplemental groundwater remediation technology implemented was in-situ chemical oxidation (ISCO) and enhanced bioremediation via Provect-OX®, in accordance with the NYSDEC-approved August 30, 2024 Supplemental Remedial Design Work Plan. The supplemental groundwater remediation was conducted from November 4 to December 9, 2024, and included the injection of approximately 53,600 pounds of Provect-OX® to the interval of 8 to 20 feet bgs through 46 injection points. The injection of Provect-OX® oxidized and subsequently promoted anaerobic biodegradation of target contaminants. The supplemental groundwater treatment area was an about 17,400 square-feet area and is shown in Figure 2.

Thirteen post treatment soil samples were collected by advancing soil borings to depths ranging from 15 to 20 feet bgs. Post-treatment soil samples were compared to the NYSDEC PGW SCOs and the NYSDEC RURR SCOs. To assess continued degradation of soil contaminants, the results from the February 2022 soil sampling event were used as a baseline. The maximum detected concentration for all target compounds declined relative to the baseline February 2022 Sample Event. Along the southeastern portion of the supplemental treatment area (EPB248), total BTEX and 1,2,4-trimethylbenzene concentrations reduced by an order of magnitude relative to baseline concentrations, but concentrations increased about 50 feet to the north (EPB249). Target contaminant concentrations at the other 11 soil sample locations reduced relative to the February 2022 Sample Event.

WELL INSTALLATION AND GROUNDWATER MONITORING

Monitoring Well Installation

The former OU-1 and former OU-2 groundwater monitoring well network consists of 14 wells (B-MW201R, B-MW206, C-MW201, C-MW205, C-RMW01, C-MW206, E-RW105, J-MW117, J-MW118, J-MW201, J-MW202, J-MW203, J-MW204, and J-MW205). Groundwater monitoring wells were installed in March and October 2019 during the former OU-1 RI and in January and February 2022 during the former OU-2 RI. Additional monitoring wells were installed during site remediation including one well on BCP Site No. C241146D (C-RMW01) on March 7, 2022 and five wells on BCP Site No. C241146H (J-MW201, J-MW202, J-MW203, J-MW204, and J-MW205) between May 21 through 23, 2025.

The monitoring wells are constructed of two-inch diameter PVC well screen (10 slot) with a solid PVC riser and 4-inch diameter stickup steel casing or a flush mounted manhole cover within a concrete pad. Seven monitoring wells (C-MW206, C-RMW01, and J-MW201 through J-MW205) are constructed with prepacked well screen consisting of stainless-steel mesh (size no. 100) packed with silica sand (grade size no. 20/40). Monitoring well construction was logged by Langan field personnel; well installation logs are provided in Attachment A

Monitoring Well Survey

Langan surveyed five of 14 monitoring wells (C-MW201, C-MW205, C-MW206, C-RMW01, and E-RW105) on October 31, 2025 to confirm elevations for groundwater flow direction. Langan surveyed the top of casing (TOC) elevations in reference to the North American Vertical Datum of 1988 (NAVD88).

Monitoring Well Gauging and Sampling

Langan completed a monitoring well inspection on September 29, 2025 and October 3, 2025 to confirm the condition of the monitoring wells in advance of upcoming sampling. The monitoring wells were observed to be intact. Fourteen groundwater monitoring wells were sampled and gauged during the October 2025 sampling event. Depth to groundwater was measured using a Solinst® oil/water interface probe and the wells were gauged for potential free product. Head space readings were measured for organic vapors using a photoionization detector (PID). Each monitoring well was purged using a peristaltic pump and dedicated, disposable polyethylene tubing. During purging, the turbidity, pH, temperature, conductivity, oxidation reduction potential (ORP), and dissolved oxygen of the groundwater were monitored using a Horiba U-52 Water Quality meter with a flow-through cell. The wells were purged for at least an hour, or until water quality parameters were stable. Measurements were recorded on field sampling forms and are included in Attachment B.

Groundwater samples were collected into laboratory-prepared containers, tightly sealed, uniquely labeled, and stored on ice for transport to Alpha Analytical, Inc., a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified laboratory in Westborough, Massachusetts (ELAP No. 11148), under standard chain-of-custody procedures. One field blank, two trip blanks, and a duplicate sample were collected for quality

assurance/quality control (QA/QC) purposes. Samples were analyzed for VOCs by United States Environmental Protection Agency (EPA) Method 8260, SVOCs by EPA Method 8270, and 1,4-dioxane by EPA Method 8270-SIM. The trip blank was analyzed for VOCs only.

GROUNDWATER MONITORING RESULTS

Field Observations

Notable observations were recorded when purging groundwater from monitoring wells on BCP Site Nos. C241146B, C241146D, and C241146H. At B-MW206, C-MW206, C-RMW01, J-MW118, J-MW201, J-MW202, J-MW203, J-MW204, and J-MW205 purge water was amber, brown, or green in color. Within the supplemental groundwater treatment area on BCP Site No. C241146D, ORP ranged from -186 to -225 millivolts (mV), which indicates a low oxidation potential, and pH was more alkaline (pH of 8.01 to 8.34) when compared to pH readings from the April 2025 sampling event (pH of 6.18 to 6.47). The negative ORP and change in pH levels indicate that active ISCO, which is the primary treatment mechanism of Provect-OX®, is no longer occurring within the vicinity of C-MW206 and C-RMW01.

During purging, petroleum-like odors were observed in 11 monitoring wells (B-MW206, C-MW205, C-MW206, C-RMW01, J-MW117, J-MW118, J-MW201, J-MW202, J-MW203, J-MW204, and J-MW205). Petroleum sheen was observed in purge water from monitoring wells J-MW117, J-MW118, and J-MW205. Minor globules were observed in purge water from monitoring well J-MW117.

PID headspace readings above background concentrations were observed at eight monitoring well locations (C-MW206, C-RMW01, J-MW118, J-MW201, J-MW202, J-MW203, J-MW204, and J-MW205). The maximum PID headspace reading recorded was 21.5 parts per million (ppm) at J-MW205.

Monitoring Well Gauging Results

During the October 2025 groundwater monitoring event, groundwater elevations ranged from el ±10.35 (12.73 feet below top of casing [bTOC]) at B-MW206 to el ±4.44 (5.85 feet bTOC) at E-RW105. Free product was not observed in any of the monitoring wells.

A summary of the monitoring well gauging results is provided in Table 1. Inferred direction of groundwater flow is east to west, based on previous groundwater gauging events completed between 2021 and 2025. Because redevelopment construction is still ongoing and the newly installed drainage systems are not yet in operation, groundwater elevations are presumed to heavily depend on precipitation, infiltration, and, during temporary conditions, dewatering (dewatering for redevelopment construction was occurring in the southern part of the BCP Site No. C241146E during the well gauging event). Groundwater elevation contours from the October 2025 groundwater monitoring event are shown on Figure 3.

Analytical Results

Groundwater sample results were compared to NYSDEC SGVs. Eighteen VOCs and fourteen SVOCs were detected at concentrations exceeding the NYSDEC SGVs in groundwater samples.

To assess continued degradation of groundwater contaminants, the analytical data from the August 2022 groundwater sampling event was used as a baseline for former OU-1 monitoring wells and the June 2023 sampling event were used as baseline for former OU-2 monitoring wells. Additional monitoring wells installed after the baseline sampling events include C-MW206 (February 2023 sampling event) and J-MW201 through J-MW205 (May 2025 sampling event).

A summary of the analytical results for each monitoring well location is provided below. B-MW201R, B-MW206, C-MW201, C-MW205, C-MW206, C-RMW01, J-MW117, J-MW118, J-MW201, J-MW202, J-MW203, J-MW204, and J-MW205 (shown in bold font) are performance monitoring locations for in-situ groundwater treatment.

- **B-MW201R**: VOCs were not detected above NYSDEC SGVs during the August 2022 Baseline Sampling Event. Two VOCs, chlorobenzene and 1,4-dichlorobenzene, were detected above NYSDEC SGVs during the October 2025 sampling event. Five SVOCs were detected above NYSDEC SGVs during the August 2022 baseline sampling event and two SVOCs were detected marginally above NYSDEC SGVs during the October 2025 sampling event.
- **B-MW206**: One VOC, benzene, was detected above NYSDEC SGVs during the August 2022 baseline sampling event. Two VOCs, acetone and benzene, were detected above NYSDEC SGVs during the October 2025 sampling event. Five SVOCs were detected above NYSDEC SGVs during the August 2022 baseline sampling and two SVOCs, 1,4-dioxane and phenol, were detected above NYSDEC SGVs during the October 2025 sampling event.
- **C-MW201**: One VOC, MTBE, was detected above NYSDEC SGVs during the August 2022 baseline sampling event and October 2025 sampling event. Four SVOCs were detected above NYSDEC SGVs during the August 2022 baseline sampling event and four different SVOCs were detected above NYSDEC SGVs during the October 2025 sampling event.
- **C-MW205**: Two VOCs, benzene and MTBE, were detected above NYSDEC SGVs during the August 2022 baseline sampling event and the October 2025 sampling event. SVOCs were not detected above NYSDEC SGVs during the August 2022 baseline sampling event and two SVOCs, 1,4-dioxane and phenol, were detected above NYSDEC SGVs during the October 2025 sampling event.
- **C-MW206**: Fourteen VOCs were detected above NYSDEC SGVs during the February 2023 sampling event and ten VOCs were detected above NYSDEC SGVs during the October 2025 sampling event. Six SVOCs were detected above the NYSDEC SGVs during the February 2023 sampling event and eight SVOCs were detected above NYSDEC SGVs during the October 2025 sampling event.
- **C-RMW01**: Five VOCs were detected above NYSDEC SGVs during the August 2022 baseline sampling event and two VOCs, benzene and MTBE, were detected above

NYSDEC SGVs during the October 2025 sampling event. One SVOC, 2,4-dimethylphenol, was detected above NYSDEC SGVs during the August 2022 baseline sampling event and one SVOC, 1,4-dioxane, was detected above the NYSDEC SGVs during the October 2025 sampling event.

- E-RW105: No VOCs were detected above the NYSDEC SGVs during the June 2023 baseline sampling event and the October 2025 Sampling Event. No SVOCs were detected above NYSDEC SGVs during the June 2023 Baseline Sampling Event and one SVOC, phenol, was detected marginally above the NYSDEC SGV during the October 2025 Sampling Event.
- **J-MW117:** Ten VOCs were detected above the NYSDEC SGVs during the June 2023 baseline sampling event and the October 2025 sampling event. Three SVOCs were detected above NYSDEC SGVs during the June 2023 baseline sampling event and nine SVOCs were detected above NYSDEC SGVs during the October 2025 sampling event.
- **J-MW118:** Eight VOCs were detected above the NYSDEC SGVs during the June 2023 baseline sampling event and eleven VOCs were detected above the NYSDEC SGVs during the October 2025 sampling event. Two SVOCs were detected above NYSDEC SGVs during the June 2023 baseline sampling event and ten SVOCs were detected above NYSDEC SGVs during the October 2025 sampling event.
- **J-MW201:** Eleven VOCs were detected above the NYSDEC SGVs during the May 2025 sampling event and twelve VOCs were detected above the NYSDEC SGVs during the October 2025 sampling event. Six SVOCs were detected above NYSDEC SGVs during the May 2025 sampling event and eight SVOCs were detected above NYSDEC SGVs during the October 2025 sampling event.
- **J-MW202:** Eleven VOCs were detected above the NYSDEC SGVs during the May 2025 sampling event and nine VOCs were detected above the NYSDEC SGVs during the October 2025 sampling event. Four SVOCs were detected above NYSDEC SGVs during the May 2025 baseline sampling event and nine SVOCs were detected above NYSDEC SGVs during the October 2025 Sampling Event.
- **J-MW203:** Nine VOCs were detected above the NYSDEC SGVs during the May 2025 sampling event and five VOCs were detected above the NYSDEC SGVs during the October 2025 sampling event. One SVOC was detected above NYSDEC SGVs during the May 2025 baseline sampling event and seven SVOCs were detected above NYSDEC SGVs during the October 2025 Sampling Event.
- **J-MW204:** Nine VOCs were detected above the NYSDEC SGVs during the May 2025 baseline sampling event and eight VOCs were detected above the NYSDEC SGVs during the October 2025 sampling event. Four SVOCs were detected above NYSDEC SGVs

during the May 2025 sampling event and nine SVOCs were detected above NYSDEC SGVs during the October 2025 sampling event.

- **J-MW205:** Ten VOCs were detected above the NYSDEC SGVs during the May 2025 baseline sampling event and nine VOCs were detected above the NYSDEC SGVs during the October 2025 sampling event. Four SVOCs were detected above NYSDEC SGVs during the May 2025 baseline sampling event and ten SVOCs were detected above NYSDEC SGVs during the October 2025 Sampling Event.

Groundwater analytical data is summarized in Table 2. Groundwater sample analytical results above the NYSDEC SGVs are presented on Figure 4A and 4B. The laboratory analytical reports for the October 2025 sampling event are included as Attachment C.

Target compound concentrations over time for performance monitoring well locations (B-MW201R, B-MW206, C-MW201, C-MW205, C-MW206, C-RMW01, J-MW117, J-MW118, J-MW201, J-MW202, J-MW203, J-MW204, J-MW205) are depicted on Figure 5.

DATA VALIDATION

Copies of the Analytical Services Protocol (ASP) Category B laboratory reports were reviewed and validated in accordance with the USEPA validation guidelines for organic and inorganic data. The data were found to be 100% valid with no major deficiencies. Minor deficiencies were identified that resulted in corrections to data qualifiers, but did not render the data unusable, including several instances of blank contamination. In addition, the field duplicate collected from C-MW205 (DUP01_102125) exhibited absolute differences from the parent sample resulting in qualifications to the reported concentrations of 2-methlynapthalene, acenaphthylene, acetone, benzene, naphthalene, phenanthrene, and phenol Data reduction, validation, and reporting procedures were completed in accordance with the Quality Assurance Project Plans (QAPP) provided as Appendix H in the SMPs for BCP Site Nos. C241146B, C241146D, C241146E, and C241146H. The Data Usability Summary Report (DUSR) is included in Attachment D.

CONCLUSIONS

VOC and SVOC-impacts remain in groundwater at the Willets Point Development SCA School site (BCP Site No. C241146D) and the Willets Point Development L-Parcel site (BCP Site No. C241146H). Groundwater at BCP Sites No. C241146B and C241146E contains residual VOC and/or SVOC impacts, but the concentrations only marginally exceed SGVs and demonstrate the absence of migration of residual impacts from BCP Site No. C241146D and C241146H. The groundwater containment cutoff wall between BCP Site No. C241146D and C241146H remains a hydraulic barrier to dissolved phase groundwater contaminants between the two areas.

Key takeaways with respect to remedial performance each site includes the following:

BCP Site No. C241146D

- Target compound concentrations (1,2,4-trimethylbenzene, acetone, MTBE, BTEX, and naphthalene) decreased relative to baseline concentrations within the groundwater

treatment areas as demonstrated by sample data for monitoring wells C-MW206 and C-RMW01.

- BTEX, naphthalene, and 1,2,4 trimethylbenzene concentrations in groundwater were effectively reduced via ISCO from the supplemental injections of Provect-OX®, as demonstrated by the decline in concentrations in monitoring well C-MW206 between January 2025 and October 2025, when compared to the 2024 concentrations.
- MTBE concentrations in groundwater within the supplemental treatment area declined relative to the July 2025 sampling event, as shown by the sample data for monitoring wells C-MW206 and C-RMW01. MTBE concentrations at C-RMW01 are not continuing the upward trend observed between July 2024 and July 2025, indicating rebound is no longer occurring.
- ISCO is complete based on pH and ORP measurements in monitoring wells within the supplemental treatment area and the decline in acetone concentrations (an intermediary compound of ISCO). Anaerobic bioremediation from remaining sulfate and iron from Provect-OX® will continue to occur and further reduce residual contaminant mass.
- The plume geometry within BCP Site No. C241146D remains stable and there is no indication of off-site migration of target compounds as demonstrated by the data collected from downgradient monitoring wells C-MW205, B-MW201R, and E-RW105 and cross gradient monitoring wells B-MW206 and C-MW201. Concentrations of acetone in monitoring well B-MW206 and naphthalene in monitoring well C-MW201 continue to fluctuate and increased since the July 2025 sampling event. Remaining target compounds that exceed the NYSDEC SGVs are either static or declining.

<u>BCP Site No. C241146H</u>

- Target compound concentrations generally decreased relative to baseline for monitoring wells J-MW117 (with the exception of acetone and naphthalene), J-MW201 (with the exception of naphthalene), J-MW203 (with the exception of MTBE), and J-MW204 (with the exception of acetone).
- Target compound concentrations increased or remained the same relative to baseline in monitoring wells J-MW118, J-MW202, J-MW205. MTBE concentrations in J-MW205 significantly increased from May to October 2025 but decreased relative to the July 2025 sampling event. Acetone concentrations in J-MW202 and J-MW204 increased from May to October 2025. BTEX concentrations in J-MW202 and J-MW204 increased from July to October 2025, however, BTEX concentrations in J-MW204 remained below the May baseline concentrations.
- Within the on-site groundwater treatment area, total BTEX concentrations decreased relative to baseline in monitoring wells J-MW117 and J-MW204 and increased relative to baseline in monitoring wells J-MW118 and J-MW202.
- The plume geometry within BCP Site No. C241146H is stable and contained from the groundwater containment cutoff wall and there is no indication of off-site migration of

target compounds as demonstrated by the data collected from downgradient monitoring wells C-MW201 and E-RW105.

Analysis of post-remedial groundwater data and previous groundwater data collected prior to the remedial action indicates bulk reduction of target contaminants, continued concentration reduction, and plume stability at BCP Site No. C241146D. Target contaminants at BCP Site No. C241146H will be addressed by the forthcoming supplemental groundwater treatment. The groundwater remedial action objectives (RAOs) of the May 11, 2021 OU-1 RAWP and the June 7, 2022 OU-2 RAWP continue to be achieved given the sampling results. There is no exposure to groundwater, it is not used as a potable water source, and there are no drinking water supply wells within the vicinity of former OU-1 and OU-2.

Recommendations

Langan recommends discontinuing groundwater monitoring at the Willets Point Development Phase 1 Senior Housing BCP Site (C241146B), the Willets Point Development Triangle Parcel BCP Site (C241146E), and select monitoring wells at the Willets Point Development SCA School BCP Site (C241146D), based on the conclusions drawn from ten rounds of sampling data.

Supplemental groundwater remediation will be performed at Willets Point Development L-Parcel BCP Site (C241146H), including completion of a treatability study to evaluate remedial alternatives for in-situ groundwater treatment. Langan will submit a Treatability Study Work Plan to NYSDEC by the end of November 2025 and anticipates implementation of the field investigation in January 2026. Quarterly groundwater monitoring will be temporarily paused at BCP Site No. C241146D and BCP Site No. C241146H until supplemental groundwater remediation is completed in June 2026.

Proposed Monitoring Well Decommissioning

Langan requests NYSDEC's approval to discontinue quarterly groundwater sampling and decommission monitoring wells B-MW201R, B-MW206, C-MW201, and E-RW105.

Sincerely,

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

Gerald F. Nicholls, P.E., CHMM
Associate Principal

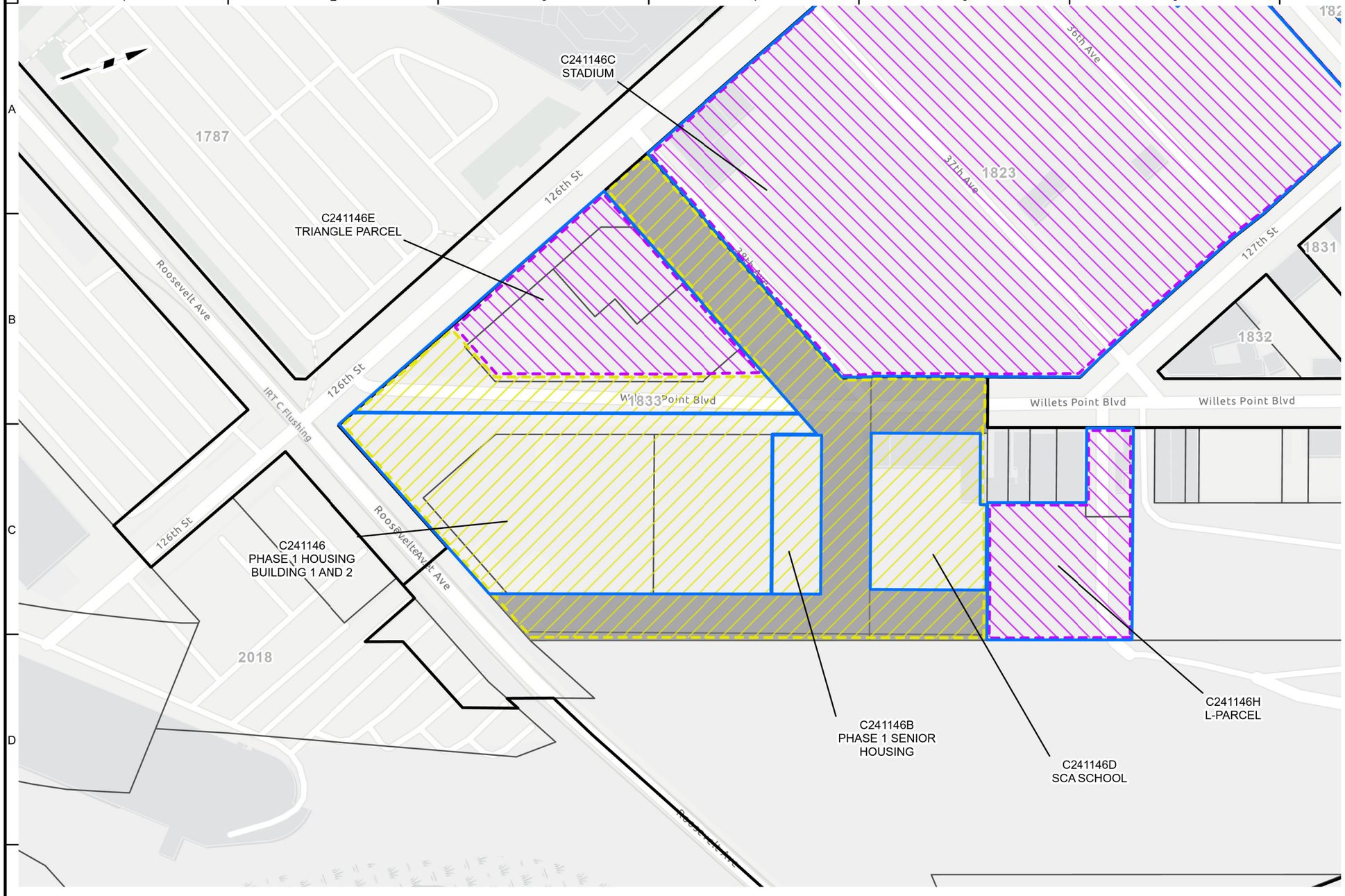
Enclosure(s): Figure 1 – Former OU-1 and Former OU-2 Location Map
Figure 2 – Monitoring Well Location Map
Figure 3 – Groundwater Elevation Contour Map
Figure 4A and 4B – Groundwater Analytical Results Map
Figure 5 – Target Compound Concentrations Over Time

Table 1 – Monitoring Well Gauging Summary
Table 2 – Groundwater Sample Analytical Results

Attachment A – Monitoring Well Installation Logs
Attachment B – Groundwater Sampling Logs
Attachment C – Laboratory Analytical Reports
Attachment D – Data Usability Summary Reports

cc: A. Lipman, J. Strobel, S. Bernstein, E. Saretsky – Queens Development Group, LLC
E. Burgess, N. Palumbo, E. Seery, H. Bluestone – Langan

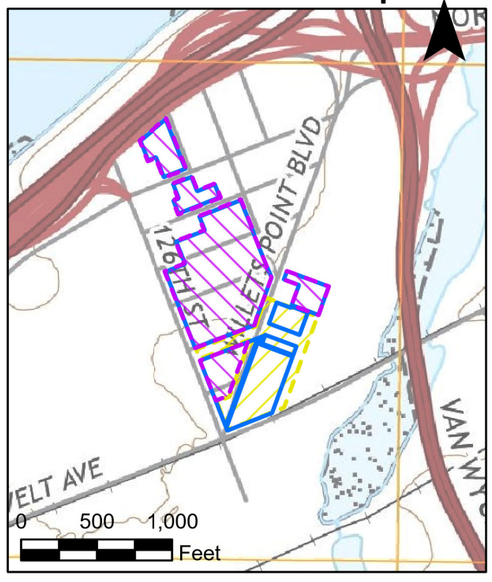
FIGURES



Legend

- Approximate Former Operable Unit (OU-1) Boundary
- Approximate Former Operable Unit (OU-2) Boundary
- Approximate Willets Point BCP Site Boundaries
- Tax Block
- Tax Lot
- Future roadways and sliver lot parcels removed from BCP Site No. C241146

Reference Map



Notes:
1. Light Gray Canvas basemap provided through Langan's Esri and ArcGIS software licensing and ArcGIS Online.
2. Tax parcel data provided by the New York City Department of City Planning MapPLUTO 25v1.1, April 2025.

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Project
WILLETS POINT DEVELOPMENT FORMER OU-1 AND FORMER OU-2
QUEENS NEW YORK

Figure Title
FORMER OU-1 AND FORMER OU-2 LOCATION MAP

Project No. 170197605	Figure No. 1
Date 11/18/2025	
Scale 1"=150'	
Drawn By MG	Figure 1 of 6

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Legend

- Approximate Location of Existing Monitoring Well Installed During Remedial Action (March 2019, October 2019, Januarry 2022, and February 2022)
- Approximate Location of Monitoring Well Installed Post Remediation (May 2025)
- Monitoring Well Approved to be Decommissioned
- Monitoring Well Decommissioned
- Approximate Willets Point BCP Site Boundaries
- Future roadways and sliver lot parcels removed from BCP Site No. C241146
- In-Situ Groundwater Treatment Area (OU-1)
- In-Situ Groundwater Treatment Area (OU-2)
- Supplemental Groundwater Treatment Area

Notes:
1. Basemap imagery provided through Langan's subscription to Near Map, dated 07/03/2025.
2. OU = Operable Unit
3. Monitoring well A-MW115 was approved for decommissioning by the New York State Department of Environmental Conservation on May 9, 2025. Due to access constraints from redevelopment construction, A-MW115 could not be decommissioned.

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Project
WILLETS POINT DEVELOPMENT FORMER OU-1 AND FORMER OU-2
QUEENS NEW YORK

Figure Title
MONITORING WELL LOCATION MAP

Project No. 170197605	Drawing No. 2
Date 11/20/2025	
Scale 1" = 40 feet	
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Submission Date	Figure 2 of 6

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Legend

- Approximate Location of Existing Monitoring Well Installed During Remedial Action (March 2019, October 2019, Januarry 2022, and February 2022)
- Approximate Location of Monitoring Well Installed Post Remediation (May 2025)
- Monitoring Well Approved to be Decommissioned
- Monitoring Well Decommissioned
- Groundwater Elevation Contour
- Inferred Groundwater Flow Direction
- Future roadways and sliver lot parcels removed from BCP Site No. C241146
- In-Situ Groundwater Treatment Area (OU-1)
- In-Situ Groundwater Treatment Area (OU-2)
- Supplemental Groundwater Treatment Area
- Approximate Willets Point BCP Site Boundaries

Notes:
1. Basemap imagery provided through Langan's subscription to Near Map, dated 07/03/2025.
2. OU = Operable Unit

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Project
WILLETS POINT DEVELOPMENT FORMER OU-1 AND FORMER OU-2
QUEENS NEW YORK

Figure Title
GROUNDWATER ELEVATION CONTOUR MAP

Project No.	170197605
Date	11/18/2025
Scale	1" = 40 feet
Drawn By	GS
Submission Date	
Drawing No.	3
	Figure 3 of 6

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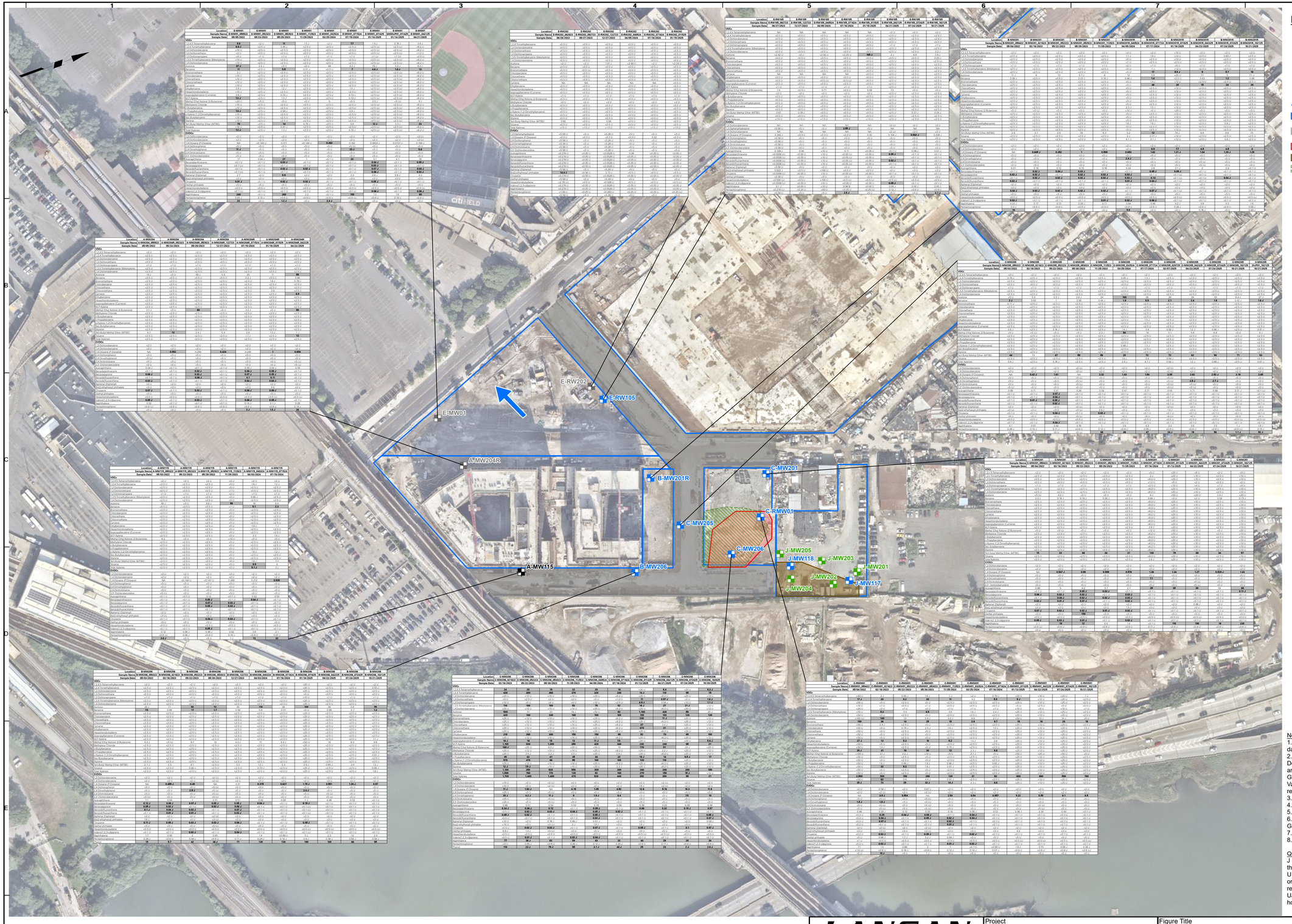

Location	E-RW105	E-RW105	E-RW105	E-RW105	E-RW105	E-RW105	E-RW105	E-RW105	E-RW105
Sample Name	E-RW105_062722	E-RW105_122721	E-RW105_040524	E-RW105_071824	E-RW105_071925	E-RW105_062325	E-RW105_072625	E-RW105_072826	E-RW105_101725
Sample Date	06/27/2022	12/27/2021	04/05/2024	07/18/2024	07/19/2025	06/23/2025	07/26/2025	07/28/2026	10/21/2025
VOCs									
1,2,4,5-Tetramethylbenzene	NA	NA	NA	NA	NA	<2.0	<2.0	<2.0	<2.0
1,2,4-Trimethylbenzene	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,2-Dichlorobenzene	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,2-Dichloroethane	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,2-Dichloropropane	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,3,5-Trimethylbenzene (Mesitylene)	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,4-Dichlorobenzene	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Acetone	<5 U	<5 U	<5 U	108 J	<5 U	<5 U	<5 U	<5 U	<5 U
Benzene	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	0.22 J	<0.5 U
Bromomethane	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Chlorobenzene	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Chloroethane	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Chloromethane	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Cymene	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Ethylbenzene	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Hexachlorobutadiene	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Isopropylbenzene (Cumene)	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
M,P-Xylene	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U
Methyl Ethyl Ketone (2-Butanone)	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Methylene Chloride	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
n-Butylbenzene	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
n-Propylbenzene	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
O-Xylene (1,2-Dimethylbenzene)	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Sec-Butylbenzene	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Styrene	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Tert-Butyl Methyl Ether (MTBE)	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Toluene	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Total Xylenes	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U
SVOCs									
1,2-Dichlorobenzene	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
1,2-Diphenylhydrazine	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
1,4-Dichlorobenzene	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
1,4-Dioxane (P-Dioxane)	NA	0.642 J	0.382	1	0.949	1.62	1.31 J	1.04	1.29
2,4-Dichlorophenol	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
2,4-Dimethylphenol	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
2,4-Dinitrotoluene	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
2,6-Dinitrotoluene	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
2-Chloronaphthalene	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
2-Methylnaphthalene	0.32 J	0.52 J	0.14 J	0.32 J	0.52 J	0.18 J	0.52 J	0.28 J	0.52 J
3,3'-Dichlorobenzidine	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
Acenaphthene	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Acenaphthylene	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Benzo(a)anthracene	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Benzo(a)pyrene	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Benzo(b)fluoranthene	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Benzo(ghi)perylene	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Benzo(k)fluoranthene	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Bis(2-ethylhexyl) phthalate	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Carbazole	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
Chrysene	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Dibenz(a,h)anthracene	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Dibenzofuran	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
Diethyl phthalate	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Fluoranthene	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Fluorene	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Hexachlorobenzene	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
Indeno(1,2,3-cd)pyrene	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Naphthalene	0.27 J	0.17 J	0.12 J	0.29 J	0.17 J	0.64	0.48 J	0.4 J	1.9
Pentachlorophenol	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
Phenol	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U

Location	E-RW202	E-RW202	E-RW202	E-RW202	E-RW202	E-RW202	E-RW202	E-RW202	E-RW202
Sample Name	E-RW202_062722	E-RW202_122721	E-RW202_040524	E-RW202_071824	E-RW202_071925	E-RW202_062325	E-RW202_072625	E-RW202_072826	E-RW202_101625
Sample Date	06/27/2022	12/27/2021	04/05/2024	07/18/2024	07/19/2025	06/23/2025	07/26/2025	07/28/2026	10/21/2025
VOCs									
1,2,4,5-Tetramethylbenzene	NA	NA	NA	NA	NA	<2 U	<2 U	<2 U	<2 U
1,2,4-Trimethylbenzene	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,2-Dichlorobenzene	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,2-Dichloroethane	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,2-Dichloropropane	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,3,5-Trimethylbenzene (Mesitylene)	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,4-Dichlorobenzene	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Acetone	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Benzene	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Bromomethane	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Chlorobenzene	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Chloroethane	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Chloromethane	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Cymene	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Ethylbenzene	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Hexachlorobutadiene	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Isopropylbenzene (Cumene)	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
M,P-Xylene	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U
Methyl Ethyl Ketone (2-Butanone)	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Methylene Chloride	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
n-Butylbenzene	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
n-Propylbenzene	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
O-Xylene (1,2-Dimethylbenzene)	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Sec-Butylbenzene	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Styrene	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Tert-Butyl Methyl Ether (MTBE)	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Toluene	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Total Xylenes	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U
SVOCs									
1,2-Dichlorobenzene	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
1,2-Diphenylhydrazine	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
1,4-Dichlorobenzene	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
1,4-Dioxane (P-Dioxane)	NA	0.642 J	0.382	1	0.949	1.62	1.31 J	1.04	1.29
2,4-Dichlorophenol	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
2,4-Dimethylphenol	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
2,4-Dinitrotoluene	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
2,6-Dinitrotoluene	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
2-Chloronaphthalene	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
2-Methylnaphthalene	0.32 J	0.52 J	0.14 J	0.32 J	0.52 J	0.18 J	0.52 J	0.28 J	0.52 J
3,3'-Dichlorobenzidine	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
Acenaphthene	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Acenaphthylene	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Benzo(a)anthracene	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Benzo(a)pyrene	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Benzo(b)fluoranthene	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Benzo(ghi)perylene	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Benzo(k)fluoranthene	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Bis(2-ethylhexyl) phthalate	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Carbazole	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
Chrysene	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Dibenz(a,h)anthracene	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Dibenzofuran	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
Diethyl phthalate	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Fluoranthene	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Fluorene	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Hexachlorobenzene	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
Indeno(1,2,3-cd)pyrene	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Naphthalene	0.27 J	0.17 J	0.12 J	0.29 J	0.17 J	0.64	0.48 J	0.4 J	1.9
Pentachlorophenol	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
Phenol	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U

Location	A-MW101	A-MW101	A-MW101	A-MW101	A-MW101	A-MW101	A-MW101	A-MW101	A-MW101
Sample Name	A-MW101_080522	A-MW101_082322	A-MW101_082923	A-MW101_112923	A-MW101_022924	A-MW101_052924	A-MW101_072424	A-MW101_072625	A-MW101_042126
Sample Date	08/05/2022	08/23/2023	08/29/2023	11/29/2023	02/29/2024	05/29/2024	07/24/2024	07/26/2025	04/21/2026
VOCs									
1,2,4,5-Tetramethylbenzene	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
1,2,4-Trimethylbenzene	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,2-Dichlorobenzene	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,2-Dichloroethane	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,2-Dichloropropane	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,3,5-Trimethylbenzene (Mesitylene)	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,4-Dichlorobenzene	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Acetone	49 J	<5 U	9.6 J	86	5 J	5 J	2.6 J		
Benzene	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U		
Bromomethane	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U		
Chlorobenzene	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U		
Chloroethane	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U		
Chloromethane	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U		
Cymene	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U		
Ethylbenzene	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U		
Hexachlorobutadiene	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U		
Isopropylbenzene (Cumene)	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U		
M,P-Xylene	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U		
Methyl Ethyl Ketone (2-Butanone)	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U		
Methylene Chloride	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U		
n-Butylbenzene	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U		
n-Propylbenzene	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U		
O-Xylene (1,2-Dimethylbenzene)	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U		
Sec-Butylbenzene	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U		
Styrene	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U		
Tert-Butyl Methyl Ether (MTBE)	4.7	16	2.4 J	6.9	2.9	13 J	7.2		
Toluene	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U		
Total Xylenes	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U		
SVOCs									
1,2-Dichlorobenzene	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U		
1,2-Diphenylhydrazine	<2 U	0.52 J	2.9 J	0.43 J	<2 U	<2 U	<2 U		
1,4-Dichlorobenzene	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U		
1,4-Dioxane (P-Dioxane)	NA	0.489 J	0.35	NA	0.31	0.378	0.627		
2,4-Dichlorophenol	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U		
2,4-Dimethylphenol	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U		
2,4-Dinitrotoluene	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U		
2,6-Dinitrotoluene	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U		
2-Chloronaphthalene	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U		
2-Methylnaphthalene	0.32 J	0.52 J	0.14 J	0.32 J	0.52 J	0.18 J	0.52 J		
3,3'-Dichlorobenzidine	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U		
Acenaphthene	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U		
Acenaphthylene	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U		
Benzo(a)anthracene	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U		
Benzo(a)pyrene	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U		
Benzo(b)fluoranthene	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U		
Benzo(ghi)perylene	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U		
Benzo(k)fluoranthene	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U		
Bis(2-ethylhexyl) phthalate	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U		
Carbazole	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U		
Chrysene	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U		
Dibenz(a,h)anthracene	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U		
Dibenzofuran	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U		
Diethyl phthalate	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U		
Fluoranthene	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U		
Fluorene	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U		
Hexachlorobenzene	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U		
Indeno(1,2,3-cd)pyrene	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U		
Naphthalene	0.73 J	0.56 J	0.07 J	0.09 J	0.02 J	0.04 J	0.17 J		
Pentachlorophenol	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U		
Phenol	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U		

Location	A-MW102	A-MW102	A-MW102	A-MW102	A-MW102	A-MW102	A-MW102	A-MW102	A-MW102
Sample Name	A-MW102_080522	A-MW102_082322	A-MW102_082923	A-MW102_112923	A-MW102_022924	A-MW102_052924	A-MW102_072424	A-MW102_072625	A-MW102_042126
Sample Date	08/05/2022	08/23/2023	08/29/2023	11/29/2023	02/29/2024	05/29/2024	07/24/2024	07/26/2025	04/21/2026
VOCs									
1,2,4,5-Tetramethylbenzene	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
1,2,4-Trimethylbenzene	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,2-Dichlorobenzene	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,2-Dichloroethane	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,2-Dichloropropane	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,3,5-Trimethylbenzene (Mesitylene)	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,4-Dichlorobenzene	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Acetone	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Benzene	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Bromomethane	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Chlorobenzene	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Chloroethane	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Chloromethane	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Cymene	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Ethylbenzene	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Hexachlorobutadiene	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Isopropylbenzene (Cumene)	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
M,P-Xylene	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U
Methyl Ethyl Ketone (2-Butanone)	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Methylene Chloride	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
n-Butylbenzene	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
n-Propylbenzene	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
O-Xylene (1,2-Dimethylbenzene)	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Sec-Butylbenzene	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Styrene	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Tert-Butyl Methyl Ether (MTBE)	3.9	7	1.7 J	3.2	1.3	3.1 J	2.2	<0.5 U	<0.5 U
Toluene	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Total Xylenes	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U
SVOCs									
1,2-Dichlorobenzene	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
1,2-Diphenylhydrazine	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
1,4-Dichlorobenzene	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
1,4-Dioxane (P-Dioxane)	NA	<0.48 U	<0.48 U	<0.48 U	0.362	0.769	0.259	0.31	0.328
2,4-Dichlorophenol	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
2,4-Dimethylphenol	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
2,4-Dinitrotoluene	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
2,6-Dinitrotoluene	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
2-Chloronaphthalene	<2 U	<2 U	<2 U	<2 U	<2 U

Legend

- Approximate Location of Existing Monitoring Well Installed During Remedial Action (March 2019, October 2019, January 2022, and February 2022)
- Approximate Location of Monitoring Well Installed Post Remediation (May 2025)
- Monitoring Well Approved to be Decommissioned
- Monitoring Well Decommissioned
- Inferred Groundwater Flow Direction
- Approximate Willets Point BCP Site Boundaries
- Future roadways and sliver lot parcels removed from BCP Site No. C241146
- In-Situ Groundwater Treatment Area (OU-1)
- In-Situ Groundwater Treatment Area (OU-2)
- Supplemental Groundwater Treatment Area

Analyte	NYSDEC SGVs
VOCs	
1,2,4,5-Tetramethylbenzene	5
1,2,4-Trimethylbenzene	5
1,2-Dichlorobenzene	3
1,2-Dichloroethane	0.6
1,2-Dichloropropane	1
1,3,5-Trimethylbenzene (Mesitylene)	5
1,4-Dichlorobenzene	3
Acetone	50
Benzene	1
Bromomethane	5
Chlorobenzene	5
Chloroethane	5
Chloromethane	5
Cymene	5
Ethylbenzene	5
Hexachlorobutadiene	0.5
Isopropylbenzene (Cumene)	5
M,P-Xylene	5
Methyl Ethyl Ketone (2-Butanone)	50
Methylene Chloride	5
n-Propylbenzene	5
o-Xylene (1,2-Dimethylbenzene)	5
Sec-Butylbenzene	5
Styrene	5
Tert-Butyl Methyl Ether	10
Toluene	5
Total Xylenes	5
SVOCs	
1,2-Dichlorobenzene	3
1,2-Diphenylhydrazine	0
1,4-Dichlorobenzene	3
1,4-Dioxane (P-Dioxane)	0.35
2,4-Dichlorophenol	1
2,4-Dimethylphenol	1
2,4-Dinitrotoluene	5
3,3'-Dichlorobenzidine	5
Acenaphthene	20
Benzo(a)anthracene	0.002
Benzo(a)pyrene	0
Benzo(b)fluoranthene	0.002
Benzo(k)fluoranthene	0.002
Biphenyl (Diphenyl)	5
Bis(2-ethylhexyl) phthalate	5
Chrysene	0.002
Diethyl phthalate	50
Hexachlorobutadiene	0.5
Indeno(1,2,3-cd)pyrene	0.002
Naphthalene	10
Pentachlorophenol	1
Phenol	1

Exceedance Summary:

10 - Result exceeds NYSDEC SGVs

Notes:

1. Basemap imagery provided through Langan's subscription to Near Map, dated 07/03/2025.
2. Groundwater sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 Codes, Rules, and Regulations (NYCRR) Part 703.5 and the NYSDEC Technical and Operation Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values for Class GA Water and published addenda (herein collectively referenced as "NYSDEC SGVs").
3. OU = Operable Unit
4. VOCs = Volatile Organic Compounds
5. SVOCs = Semi-Volatile Organic Compounds
6. NYSDEC SGVs = New York State of Environmental Conservation Standard Guidance Values.
7. Sample concentrations are in microgram per Liter (µg/L).
8. NA = Not analyzed

Qualifiers:

J - The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
U - The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the reporting limit (RL) or the sample concentration for results impacted by blank contamination.
UJ - The analyte was not detected at a level greater than or equal to the RL; however the reported RL is approximate and may be inaccurate or imprecise.

Location	J-MW205	J-MW205	J-MW205
Sample Name	J-MW205_053025	J-MW205_072325	J-MW205_102525
Sample Date	05/30/2025	07/23/2025	10/25/2025
VOCs			
1,2,4,5-Tetramethylbenzene	NA	<20 U	<40 U
1,2,4-Trimethylbenzene	**55.3**	**44**	**72**
1,2-Dichlorobenzene	<5.6 U	<29 U	<60 U
1,2-Dichloroethane	<5.6 U	<5 U	<12 U
1,2-Dichloropropane	<5.6 U	<10 U	<20 U
1,3,5-Trimethylbenzene (Mesitylene)	**12.2 J**	**14 J**	**24 J**
1,4-Dichlorobenzene	<5.6 U	<29 U	<60 U
Acetone	36.5	**330**	**479**
Benzene	**28.1**	**36**	**55**
Bromomethane	<2 U	<29 U	<60 U
Chlorobenzene	<0.6 U	<29 U	<60 U
Chloroethane	<0.6 U	<29 U	<60 U
Chloromethane	<0.6 U	<29 U	<60 U
Cymene	3.8	**28**	**40 J**
Ethylbenzene	**3.8**	**29**	**40 J**
Hexachlorobutadiene	<0.6 U	<29 U	<60 U
Isopropylbenzene (Cumene)	7.6 J	<29 U	<60 U
M,P-Xylene	**116**	**160**	**168**
Methyl Ethyl Ketone (2-Butanone)	<0.5 UJ	39 J	<100 U
Methylene Chloride	**6.96 J**	<29 U	<60 U
n-Propylbenzene	<0.6 U	<29 U	<60 U
o-Xylene (1,2-Dimethylbenzene)	**5.29**	<29 U	<60 U
Sec-Butylbenzene	**59.8**	**59**	**79**
Styrene	<0.5 U	**32**	<60 U
Tert-Butyl Methyl Ether (MTBE)	<1.1 U	<29 U	<60 U
Toluene	**142 D**	**2,600**	**1,800**
Total Xylenes	**175 D**	**190**	**208**
SVOCs			
1,2-Dichlorobenzene	NA	<2 U	<10 U
1,2-Diphenylhydrazine	<8 U	NA	NA
1,4-Dichlorobenzene	NA	<2 U	<10 U
1,4-Dioxane (P-Dioxane)	NA	**12.4**	**10**
2,4-Dichlorophenol	<8 U	**5.9**	<25 U
2,4-Dimethylphenol	**11.3**	**28**	**29**
2,4-Dinitrotoluene	<8 U	<8 U	<25 U
3,3'-Dichlorobenzidine	3.83 J	<5 U	<25 U
Acenaphthene	0.63 J	<5 U	<2
Benzo(a)anthracene	**0.7 D**	**3.7**	**2.2**
Benzo(a)pyrene	<0.1 U	<5 U	**1.6**
Benzo(b)fluoranthene	<0.1 U	<0.1 U	**0.16**
Benzo(k)fluoranthene	<0.1 U	<0.1 U	**0.06 J**
Biphenyl (Diphenyl)	<8 U	<2 U	<10 U
Bis(2-ethylhexyl) phthalate	<8 U	4.7	<10 U
Chrysene	**0.72**	**6.19**	**3.1**
Diethyl phthalate	<5 U	<5 U	<25 U
Hexachlorobutadiene	<5 U	<5 U	<25 U
Indeno(1,2,3-cd)pyrene	<0.6 U	<0.6 U	<0.1 U
Naphthalene	**14 D**	**25**	**39**
Pentachlorophenol	<2.5 U	**72**	**3.8**
Phenol	**17 J**	**290**	**130**

Location	J-MW203	J-MW203	J-MW203
Sample Name	J-MW203_053025	J-MW203_072325	J-MW203_102525
Sample Date	05/29/2025	07/23/2025	10/25/2025
VOCs			
1,2,4,5-Tetramethylbenzene	NA	<4 U	<10 U
1,2,4-Trimethylbenzene	**19.3**	**16 J**	**7.7**
1,2-Dichlorobenzene	<0.6 U	<5 U	<12 U
1,2-Dichloroethane	<0.6 U	<1 U	<2.5 U
1,2-Dichloropropane	<0.6 U	<2 U	<5 U
1,3,5-Trimethylbenzene (Mesitylene)	**5.67**	<5 U	<12 U
1,4-Dichlorobenzene	<0.6 U	<5 U	<12 U
Acetone	**51.5**	<10 U	<25 U
Benzene	**787**	**2.5**	**77**
Bromomethane	<5 U	<5 U	<12 U
Chlorobenzene	<0.6 U	<5 U	<12 U
Chloroethane	<0.6 U	<5 U	<12 U
Chloromethane	<0.6 U	<5 U	<12 U
Cymene	**15.6**	<5 U	**4 J**
Ethylbenzene	<0.6 U	<5 U	<12 U
Hexachlorobutadiene	<0.6 U	<5 U	<12 U
Isopropylbenzene (Cumene)	**2.98**	<5 U	<12 U
M,P-Xylene	**39.2**	**2.5 J**	**17**
Methyl Ethyl Ketone (2-Butanone)	**3.18**	<10 U	<25 U
Methylene Chloride	**13.2 J**	<5 U	<12 U
n-Butylbenzene	<0.5 U	<5 U	<12 U
n-Propylbenzene	**2.08**	<5 U	<12 U
o-Xylene (1,2-Dimethylbenzene)	**16.4 J**	<5 U	**6.1 J**
Sec-Butylbenzene	<0.5 U	<5 U	<12 U
Styrene	<0.5 U	<5 U	<12 U
Tert-Butyl Methyl Ether (MTBE)	**4.93**	**2.5**	**10**
Toluene	**4.93**	<5 U	**2.2 J**
Total Xylenes	**55.7**	**2.5 J**	**23 J**
SVOCs			
1,2-Dichlorobenzene	NA	<2 U	<2 U
1,2-Diphenylhydrazine	<5 U	NA	NA
1,4-Dichlorobenzene	NA	<2 U	<2 U
1,4-Dioxane (P-Dioxane)	NA	**2.3 J**	**2.79**
2,4-Dichlorophenol	<5 U	<5 U	<5 U
2,4-Dimethylphenol	<5 U	<5 U	**2.8 J**
2,4-Dinitrotoluene	<5 U	<5 U	<5 U
3,3'-Dichlorobenzidine	<4 U	<4 U	<5 U
Acenaphthene	<0.05 U	<5 U	<5 U
Benzo(a)anthracene	<0.05 U	**0.13**	**0.7 J**
Benzo(a)pyrene	<0.05 U	<0.1 U	**0.64 J**
Benzo(b)fluoranthene	<0.05 U	**0.69 J**	**0.89 J**
Benzo(k)fluoranthene	<0.06 U	<0.1 U	<0.1 U
Biphenyl (Diphenyl)	<5 U	<5 U	<5 U
Bis(2-ethylhexyl) phthalate	0.79	<5 U	<5 U
Chrysene	**0.16**	**0.95 J**	**0.94 J**
Diethyl phthalate	<5 U	<5 U	<5 U
Hexachlorobutadiene	<0.6 U	<0.6 U	<0.6 U
Indeno(1,2,3-cd)pyrene	<0.05 U	<0.1 U	**0.62 J**
Naphthalene	0.11	1.2	**3.7**
Pentachlorophenol	<0.28 U	<5 U	<5 U
Phenol	<5 U	<5 U	<5 U

Location	J-MW201	J-MW201	J-MW201
Sample Name	J-MW201_053025	J-MW201_072325	J-MW201_102525
Sample Date	05/30/2025	07/23/2025	10/25/2025
VOCs			
1,2,4,5-Tetramethylbenzene	NA	**14**	**22**
1,2,4-Trimethylbenzene	**71.5**	**65**	**74**
1,2-Dichlorobenzene	<0.6 U	<10 U	<8 J
1,2-Dichloroethane	<0.6 U	<2 U	<5 U
1,2-Dichloropropane	<0.6 U	<4 U	<10 U
1,3,5-Trimethylbenzene (Mesitylene)	**16.2 J**	**11 J**	**12**
1,4-Dichlorobenzene	<0.6 U	<10 U	<2.5 U
Acetone	**64.4 D**	**52**	39
Benzene	**50.2 D**	**57**	**71**
Bromomethane	<05 U	<10 U	<2.5 U
Chlorobenzene	<2.5 U	<10 U	18 J
Chloroethane	<2.5 U	<10 U	<2.5 U
Chloromethane	<2.5 U	<10 U	<2.5 U
Cymene	<2.5 U	<10 U	18 J
Ethylbenzene	**55 D**	**17**	**20**
Hexachlorobutadiene	<2.5 U	<10 U	<2.5 U
Isopropylbenzene (Cumene)	**178 D**	**12**	**20**
M,P-Xylene	**116 D**	**78**	**81**
Methyl Ethyl Ketone (2-Butanone)	<2.5 U	<20 U	<5 U
Methylene Chloride	<10 U	<12 U	<2.5 U
n-Butylbenzene	**31 D**	**37**	**47**
n-Propylbenzene	**33 D**	**37**	**47**
o-Xylene (1,2-Dimethylbenzene)	**72.5 D**	**49**	**53**
Sec-Butylbenzene	**58 D**	**42**	**44**
Styrene	<2.5 U	<10 U	18 J
Tert-Butyl Methyl Ether (MTBE)	**141 D**	**92**	**110**
Toluene	**72.8 D**	**46**	**50**
Total Xylenes	**192 D**	**130**	**134**
SVOCs			
1,2-Dichlorobenzene	NA	1.1 J	0.39 J
1,2-Diphenylhydrazine	<5 U	NA	NA
1,4-Dichlorobenzene	NA	<2 U	<2 U
1,4-Dioxane (P-Dioxane)	NA	**10.5**	**11.6**
2,4-Dichlorophenol	<5 U	<5 U	<5 U
2,4-Dimethylphenol	**59.4 D**	**150**	**70**
2,4-Dinitrotoluene	<5 U	<5 U	<5 U
3,3'-Dichlorobenzidine	**7.27**	<5 U	<5 U
Acenaphthene	18 D	3.3	2.5
Benzo(a)anthracene	<0.5 U	**0.95**	**0.95**
Benzo(a)pyrene	<0.5 U	<0.1 U	<0.1 U
Benzo(b)fluoranthene	<0.5 U	<0.1 U	**0.11**
Benzo(k)fluoranthene	<0.5 U	<0.1 U	**0.13**
Biphenyl (Diphenyl)	<5 U	<5 U	<2.5 U
Bis(2-ethylhexyl) phthalate	<5 U	**7.5**	<2 U
Chrysene	<0.5 U	**0.91**	**0.93**
Diethyl phthalate	<5 U	<5 U	<5 U
Hexachlorobutadiene	<5 U	<5 U	<2.5 U
Indeno(1,2,3-cd)pyrene	<0.5 U	<0.1 U	**0.07 J**
Naphthalene	**3.5 D**	**2.5**	**3**
Pentachlorophenol	<5 U	<5 U	<5 U
Phenol	**15.4**	**29**	<5 U

Location	J-MW204	J-MW204	J-MW204
Sample Name	J-MW204_052925	J-MW204_072325	J-MW204_102025
Sample Date	05/29/2025	07/23/2025	10/20/2025
VOCs			
1,2,4,5-Tetramethylbenzene	NA	<20 U	<40 U
1,2,4-Trimethylbenzene	**52.3**	**27**	**34.2**
1,2-Dichlorobenzene	0.89 J	<29 U	<60 U
1,2-Dichloroethane	<0.6 U	<5 U	<10 U
1,2-Dichloropropane	<0.6 U	<10 U	<20 U
1,3,5-Trimethylbenzene (Mesitylene)	**9.51**	**10.6**	**13**
1,4-Dichlorobenzene	<0.6 U	<29 U	<60 U
Acetone	**83**	**55**	**270**
Benzene	**20.7**	**7**	**27**
Bromomethane	<2 U	<29 U	<60 U
Chlorobenzene	<0.6 U	<29 U	<60 U
Chloroethane	<0.6 U	<29 U	<60 U
Chloromethane	0.96	<29 U	<60 U
Cymene	0.77	<29 U	<60 U
Ethylbenzene	**59.3**	**11 J**	**29 J**
Hexachlorobutadiene	<0.6 U	<29 U	<60 U
Isopropylbenzene (Cumene)	3.43	<29 U	<60 U
M,P-Xylene	**101**	**33**	**65**
Methyl Ethyl Ketone (2-Butanone)	<0.5 U	<50 U	<100 U
Methylene Chloride	<2 U	<29 U	<60 U
n-Butylbenzene	<0.5 U	<29 U	<60 U
n-Propylbenzene	4.7	<29 U	<60 U
o-Xylene (1,2-Dimethylbenzene)	**44.1**	**17 J**	**49 J**
Sec-Butylbenzene	<0.5 U	<29 U	<60 U
Styrene	<0.5 U	<29 U	<60 U
Tert-Butyl Methyl Ether (MTBE)	**144**	**74**	**150**
Toluene	**101**	**113**	**170**
Total Xylenes	**165**	**52 J**	**140 J**
SVOCs			
1,2-Dichlorobenzene	NA	<2 U	<10 U
1,2-Diphenylhydrazine	<5 U	NA	NA
1,4-Dichlorobenzene	NA	<2 U	<10 U
1,4-Dioxane (P-Dioxane)	NA	**2.92 J**	**5.67**
2,4-Dichlorophenol	<5 U	<5 U	<25 U
2,4-Dimethylphenol	<5 U	**6.6**	**34**
2,4-Dinitrotoluene	<5 U	<5 U	<25 U
3,3'-Dichlorobenzidine	<4 U	<4 U	<20 U
Acenaphthene	2.3 J	0.76	0.64
Benzo(a)anthracene	**0.16**	**0.39 J**	**0.98**
Benzo(a)pyrene	<0.1 U	**0.32**	**0.28**
Benzo(b)fluoranthene	<2.5 U	**0.44**	**0.31**
Benzo(k)fluoranthene	<2.5 U	**0.12**	**0.1**
Biphenyl (Diphenyl)	<5 U	<2 U	<10 U
Bis(2-ethylhexyl) phthalate	<25 U	4.3	<10 U
Chrysene	**2.5 D**	**0.32**	**0.2**
Diethyl phthalate	<5 U	<5 U	<25 U
Hexachlorobutadiene	<25 U	<2.5 U	<0.5 U
Indeno(1,2,3-cd)pyrene	<2.5 U	**0.22**	**0.17**
Naphthalene	**12 D**	**3**	**15**
Pentachlorophenol	<12.5 U	**1.5**	**2.44 J**
Phenol	**2.5 J**	**23**	**50**

Location	J-MW202	J-MW202	J-MW202	J-MW202
Sample Name	J-MW202_052925	DUP01_052925	J-MW202_072325	J-MW202_102025
Sample Date	05/29/2025	05/29/2025	07/23/2025	10/20/2025
VOCs				
1,2,4,5-Tetramethylbenzene	NA	NA	<20 U	<40 U
1,2,4-Trimethylbenzene	**43**	**49**	**41**	**52**
1,2-Dichlorobenzene	0.82	0.89 J	<29 U	<60 U
1,2-Dichloroethane	<0.6 U	<0.6 U	<2.5 U	<10 U
1,2-Dichloropropane	<0.6 U	<0.6 U	<10 U	<20 U
1,3,5-Trimethylbenzene (Mesitylene)	**9.51**	**10.6**	**13**	**19 J**
1,4-Dichlorobenzene	<0.6 U	<0.6 U	<29 U	<60 U
Acetone	**111**	**141**	**91**	**520**
Benzene	**21**	**20.1**	**7**	**40**
Bromomethane	<2 U	<2 U	<29 U	<60 U
Chlorobenzene	<0.6 U	<0.6 U	<29 U	<60 U
Chloroethane	<0.6 U	<0.6 U	<29 U	<60 U
Chloromethane	0.96	<0.6 U	<12 U	<50 U
Cymene	0.77	0.78	<29 U	<60 U
Ethylbenzene	**54**	**61.1**	**30**	**42 J**
Hexachlorobutadiene	<0.5 U	<0.5 U	<29 U	<60 U
Isopropylbenzene (Cumene)	3.43	3.3	<12 U	<50 U
M,P-Xylene	**101**	**102**	**120**	**150**
Methyl Ethyl Ketone (2-Butanone)	<0.6 U	<50 U	<50 U	<100 U
Methylene Chloride	**13.8 J**	**11.1 J**	<29 U	<60 U
n-Butylbenzene	<0.5 U	<0.5 U	<12 U	<50 U
n-Propylbenzene	**4.7**	**5.49**	**4**	**40**
o-Xylene (1,2-Dimethylbenzene)	**40.5**	**44**	**19 J**	**49 J**
Sec-Butylbenzene	<0.5 U	<0.5 U	<29 U	<60 U
Styrene	<0.5 U	<0.5 U	<29 U	<60 U
Tert-Butyl Methyl Ether (MTBE)	**15.1**	**20.1**	**17 J**	**67 J**
Toluene	**101**	**113**	**90**	**170**
Total Xylenes	**165**	**52 J**	**140 J**	**199**
SVOCs				
1,2-Dichlorobenzene	NA	NA	<2 U	<10 U
1,2-Diphenylhydrazine	<5 U	<5 U	NA	NA
1,4-Dichlorobenzene	NA	NA	<2 U	<10 U
1,4-Dioxane (P-Dioxane)	NA	NA	**6.67**	**10.1**
2,4-Dichlorophenol	<5 U	<5 U	<5 U	<25 U
2,4-Dimethylphenol	<5 U	<5 U	**22**	**67**
2,4-Dinitrotoluene	<5 U	<5 U	<5 U	<25 U
3,3'-Dichlorobenzidine	<4 U	<4 U	<4 U	<20 U
Acenaphthene	2.3 J	2.3 J	**2.6**	**1.9**
Benzo(a)anthracene	**0.16**	**0.39 J**	**0.98**	**0.54**
Benzo(a)pyrene	<0.1 U	<0.1 U	**0.64 J**	**0.28**
Benzo(b)fluoranthene	<2.5 U	<2.5 U	**0.59**	**1.6**
Benzo(k)fluoranthene	<2.5 U	<2.5 U	<0.1 U	**0.54 J**
Biphenyl (Diphenyl)	<5 U	<5 U	<2 U	<10 U
Bis(2-ethylhexyl) phthalate	<25 U	<25 U	4.3	<10 U
Chrysene	**2.5 D**	**0.32**	**0.2**	**0.39 J**
Diethyl phthalate	<5 U	<5 U	<5 U	<25 U
Hexachlorobutadiene	<25 U	<25 U	<0.5 U	<2 U
Indeno(1,2,3-cd)pyrene	<2.5 U	<2.5 U	**0.22**	**0.17**
Naphthalene	**11.0 J**	8 J	**15**	**14**
Pentachlorophenol	<12.5 U	<12.5 U	**1.5**	**2.44 J**
Phenol	**11.2 J**	**22**	**47**	**94**

Location	J-MW117	J-MW117	J-MW117	J-MW117	J-MW117	J-MW117	J-MW117	J-MW117
Sample Name	J-MW117_062622	J-MW117_112923	J-MW117_122823	J-MW117_042824	J-MW117_071524	J-MW117_072325	J-MW117_042125	J-MW117_102125
Sample Date	06/26/2022	11/29/2023	12/27/2023	04/08/2024	07/15/2024	07/18/2025	04/21/2025	07/23/2025	10/21/2025
VOCs								
1,2,4,5-Tetramethylbenzene	NA	**51**	NA	NA	NA	NA	<40 U	**83.2**	**64**
1,2,4-Trimethylbenzene	**38.3**	**54**	**35**	**38.1**	**29.4**	**20.7**	**28 J**	**40 J**	**35**
1,2-Dichlorobenzene	0.45 J	0.55	0.39 J	0.37 J	0.4 J	<0.6 U	<50 U	<2.5 U	<2.5 U
1,2-Dichloroethane	<0.6 U	<0.6 U	<0.6 U	<0.6 U	<0.6 U	<0.6 U	<100 U	<0.6 U	<0.6 U
1,2-Dichloropropane	<0.6 U	<0.6 U	<0.6 U	<0.6 U	<0.6 U	<0.6 U	<200 U	<1 U	<1 U
1,3,5-Trimethylbenzene (Mesitylene)	**8.33**	**12**	**7J**	**8.19**	**4.67**	**5.92**	<50 U	**6.7 J**	**7J**
1,4-Dichlorobenzene	0.69	0.56 J	0.72	0.73	0.55	<0.6 U	<50 U	0.84 J	0.92 J
Acetone	**13.3**	**42 J**	**21 J**	**8 J**	**14 J**	**<5 U**	**32 J**	**19 J**	**27**
Benzene	**73.5**	**52**	**39**	**49.7**	**41.9**	**42**	**53**	**49**	**49**
Bromomethane	<0.6 U	<2.5 U	<0.6 U	<0.6 U	<0.6 U	<0.6 U	<50 U	<2.5 U	<2.5 U
Chlorobenzene	<0.6 U	<0.6 U	<0.6 U	<0.6 U	<0.6 U	<0.6 U	<50 U	<2.5 U	<2.5 U
Chloroethane	<0.6 U	<0.6 U	<0.6 U	<0.6 U	<0.6 U	<0.6 U	<50 U	<2.5 U	<2.5 U
Chloromethane	<0.6 U	<2.5 U	<0.6 U	<0.6 U	<0.6 U	<0.6 U	<50 U	<2.5 U	<2.5 U
Cymene	NA	4.4	NA	NA	NA	NA	<50 U	2.8 J	2.4 J
Ethylbenzene	**21.3**	**24**	**18.2**	**10.8**	**19.2**	**14.5**	**14 J**	**16 J**	**16**
Hexachlorobutadiene	<0.6 U	<0.6 U	<0.6 U	<0.6 U	<0.6 U	<0.6 U	<50 U	<2.5 U	<2.5 U
Isopropylbenzene (Cumene)	**11.2**	**12**	**8.53**	**8.99**	**11.3**	**8.81**	<50 U	**8.3 J**	**7J**
M,P-Xylene	**49.6**	**67**	**36.1**	**41**	**28.7**	**29.1**	**28 J**	**34 J**	**36**
Methyl Ethyl Ketone (2-Butanone)	2.72	<5 U	2.44	<0.6 U	<0.6 U	<0.6 U	<100 U	1.9 J	<5 U
Methylene Chloride	**13.8 J**	<2.5 U	2.6 J	<2 U	<2 U	<2 U	<80 U	<2.5 U	<2.5 U
n-Butylbenzene	3.09	2.7	1.71	2.67 J	3.46	<0.6 U	<50 U	1.9 J	1.6 J
n-Propylbenzene	**23.8**	**22**	**15.5**	**19**	**25.9**	**17.1**	**17 J**	**19 J**	**14**
o-Xylene (1,2-Dimethylbenzene)	**27.6**	**33**	**21.9**	**22.9**	**18.4**	**19.4**	**19 J**	**21 J**	**22**
Sec-Butylbenzene	**4.8**	**5.7**	**3.1**	**3.1**	**4.6**	**3.6**	<50 U	**3.4 J**	**2.7 J**
Styrene	<0.6 U	<2.5 U	<0.6 U	<0.6 U	<0.6 U	<0.6 U	<50 U	<2.5 U	<2.5 U
Tert-Butyl Methyl Ether (MTBE)	**135**	**160**	**122**	**115**	**93**	**99.8**	**95**	**87.2**	**100**
Toluene	**12.8**	**8.7**	**5.27**	**1.95**	**1.6**	**3.43**	<50 U	2.1 J	2.1 J
Total Xylenes	**76.5**	**90**	**60**	**63.8**	**47.1**	**47.4**	**47 J**	**56 J**	**58**
SVOCs								
1,2-Dichlorobenzene	NA	<2 U	NA	NA	NA	NA	<2 U	<2 U	<2 U
1,2-Diphenylhydrazine	<5 U	NA	<5 U	<5 U	<5 U	NA	NA	NA	NA
1,4-Dichlorobenzene	NA	NA	NA	NA	NA	NA	<2 U	<2 U	<2 U
1,4-Dioxane (P-Dioxane)	**5.07**	**9.11**	**6.17**	**8.96**	**5.79**	**8.66**	**9.09**	**9.24**	**11**
2,4-Dichlorophenol	<5 U	<5 U	<50 U	<25 U	<5.25 U	<5 U	<5 U	<5 U	<5 U
2,4-Dimethylphenol	<5 U	44	**53.1 D**	**24**	**<5.25 U**	**23.8**	<5 U	**44**	**39**
2,4-Dinitrotoluene	<5 U	<5 U	<50 U	<25 U	<5.25 U	<5 U	<5 U	<5 U	<5 U
3,3'-Dichlorobenzidine	<4 U	<4 U	<40 U	<20 U	<4.2 U	<4 U	<4 U	<4 U	<4 U
Acenaphthene	0.3333 J	<5 U	<50 U	<25 U	<0.0525 U	<0.25 U	<0.1 U	<0.1 U	<0.1 U
Benzo(a)anthracene	<0.333 U	<0.2 U	<0.05 U	<5 U	<0.0525 U	<0.25 U	<0.1 U	<0.1 U	**0.53**
Benzo(a)pyrene	<0.333 U	<0.2 U	<0.05 U	<5 U	<0.0525 U	<0.25 U	<0.1 U	<0.1 U	**0.6**
Benzo(b)fluoranthene	<0.333 U	<0.2 U	<0.05 U	<5 U	<0.0525 U	<0.25 U	<0.1 U	<0.1 U	**0.53**
Biphenyl (Diphenyl)	<5 U	<2 U	<50 U	<25 U	<5.25 U	<5 U	<2 U	<2 U	<2 U
Bis(2-ethylhexyl) phthalate	**15.5 J**	<5 U	<5 U	<50 U	<5.25 U	<5 U	<5 U	<5 U	**16**
Chrysene	<0.333 U	<0.2 U	<0.05 U	<5 U	<0.0525 U	<0.25 U	<0.1 U	<0.1 U	**0.61**
Diethyl phthalate	<5 U	<5 U	<5 U	<50 U	<5.25 U	<5 U	<5 U	<5 U	<5 U
Hexachlorobutadiene	<2.33 U	<5 U	<0.6 U	<50 U	<0.630 U	<2.5 U	<0.6 U	<0.6 U	<0.5 U
Indeno(1,2,3-cd)pyrene	<0.333 U	<0.2 U	<0.05 U	<5 U	<0.0525 U	<0.25 U	<0.1 U	<0.1 U	**0.38**
Naphthalene	**11.2 D**	**21**	**17**	**32 D**	**13.9 BD**	**14.2 D**	**17**	**20**	**23**
Pentachlorophenol	<167 U	<5 U	<5 U	<25 U	<5.25 U	<5 U	<5 U	<5 U	<5 U
Phenol	<6.67 U	<5 U	<50 U	<25 U	**1.57 J**	<5 U	<5 U	<5 U	<5 U

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SCALE IN FEET

Project
WILLETS POINT DEVELOPMENT FORMER OU-1 AND FORMER OU-2
QUEENS NEW YORK

Figure Title
GROUNDWATER ANALYTICAL RESULTS MAP

Project No.	170197605
Date	11/18/2025
Scale	1" = 100 feet
Drawn By	GS
Submission Date	
Drawing No.	4B
	Figure 5 of 6

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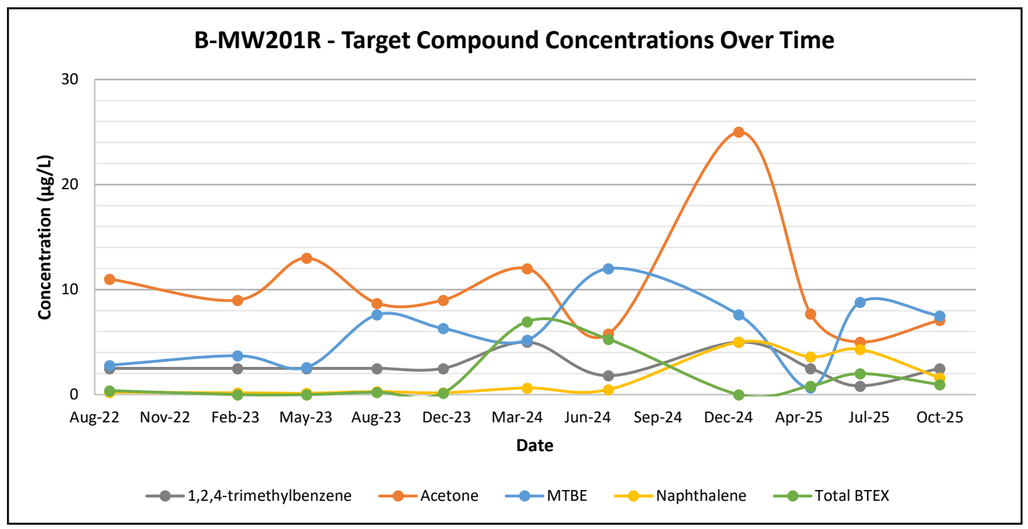
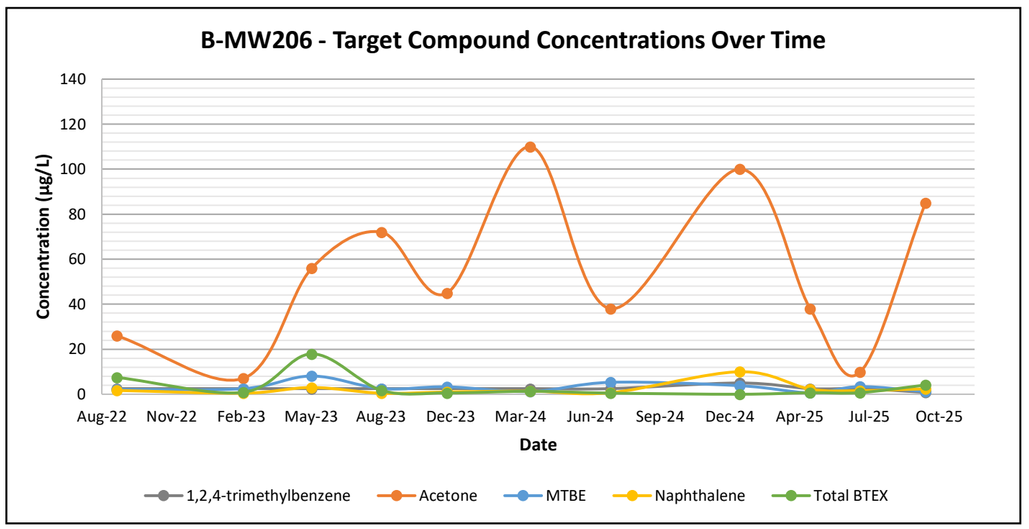
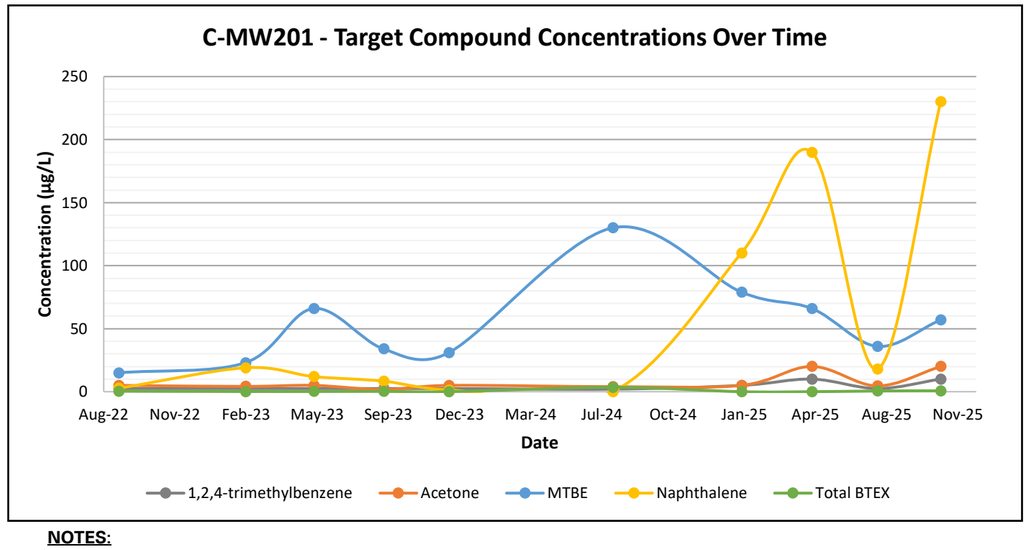
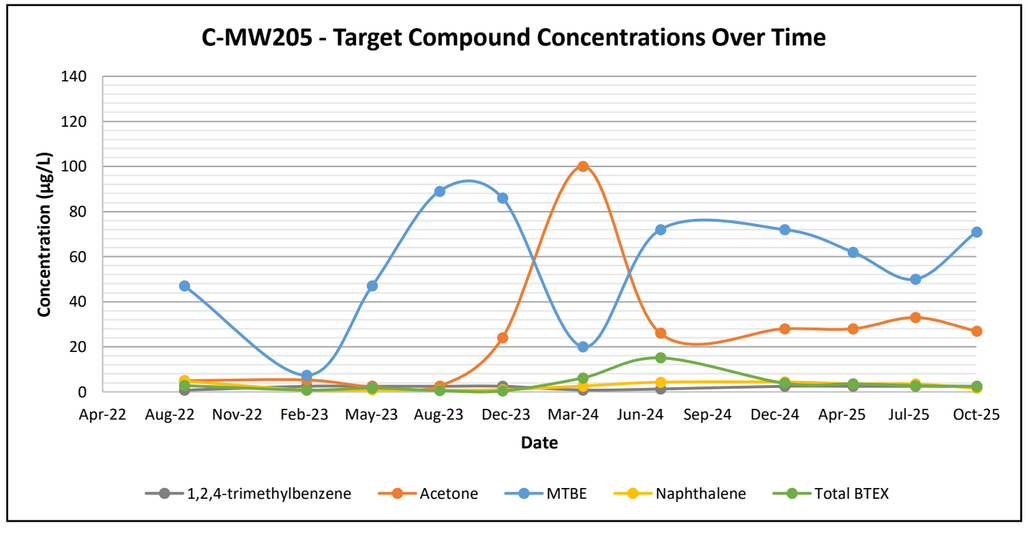
Figure 5
Quarterly Groundwater Monitoring Report - October 2025
Target Compound Concentrations Over Time

Willets Point Development
Queens, New York
NYSDEC BCP Site No.: C241146, C241146B, C241146D, C241146E and C241146H
Project No.: 170197605









NOTES:

1. MTBE = tert-butyl methyl ether
2. BTEX = benzene, toluene, ethylbenzene, and total xylene
3. µg/L = microgram per liter

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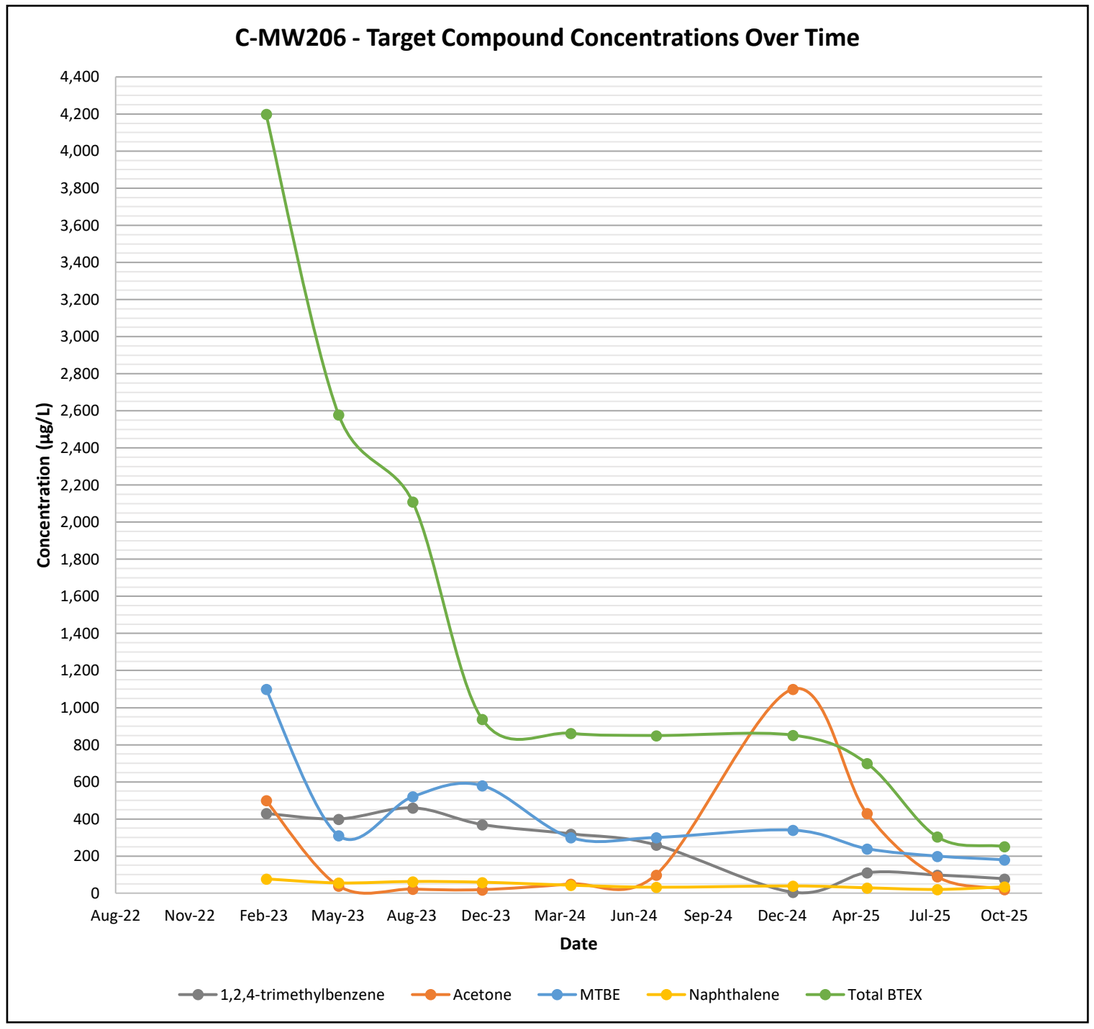
Figure 5
Quarterly Groundwater Monitoring Report - October 2025
Target Compound Concentrations Over Time

Willets Point Development
Queens, New York
NYSDEC BCP Site No.: C241146, C241146B, C241146D, C241146E and C241146H
Project No.: 170197605



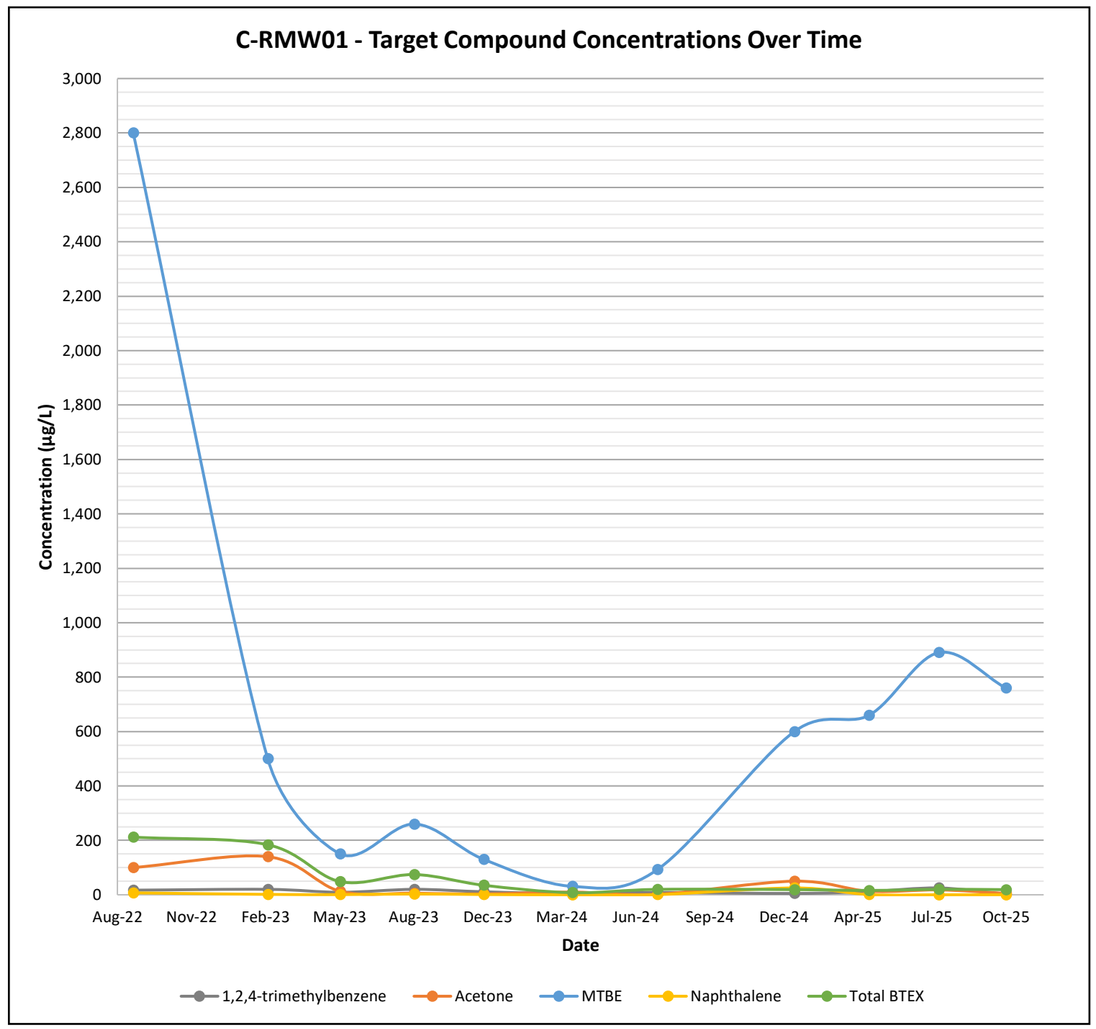


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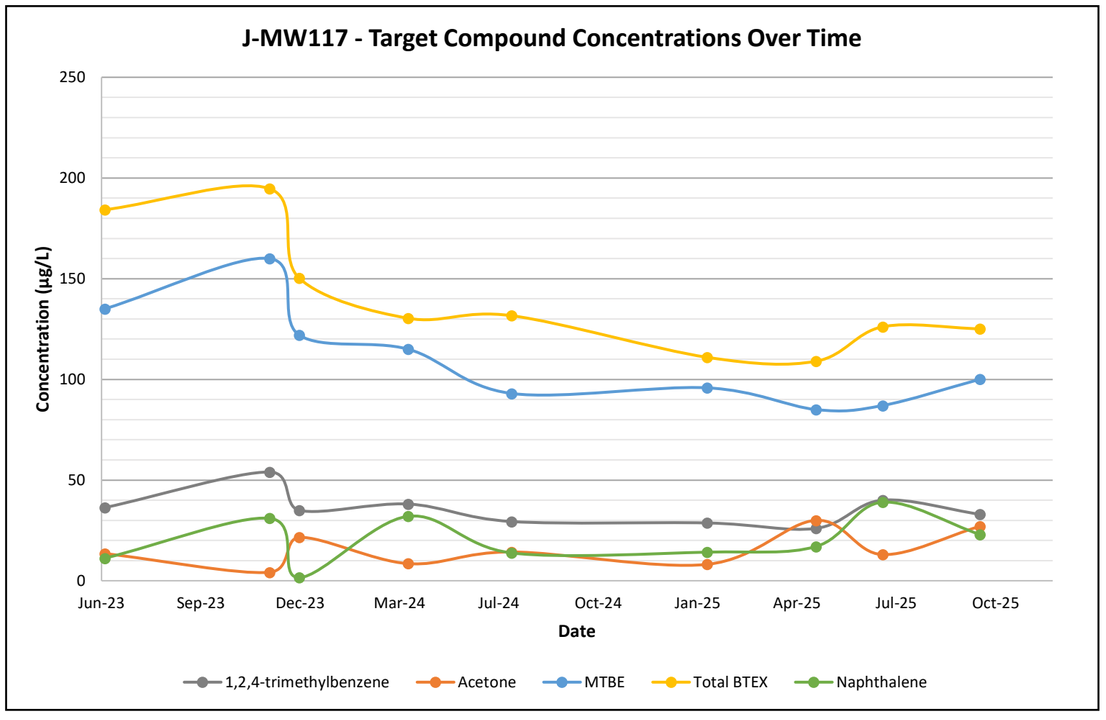
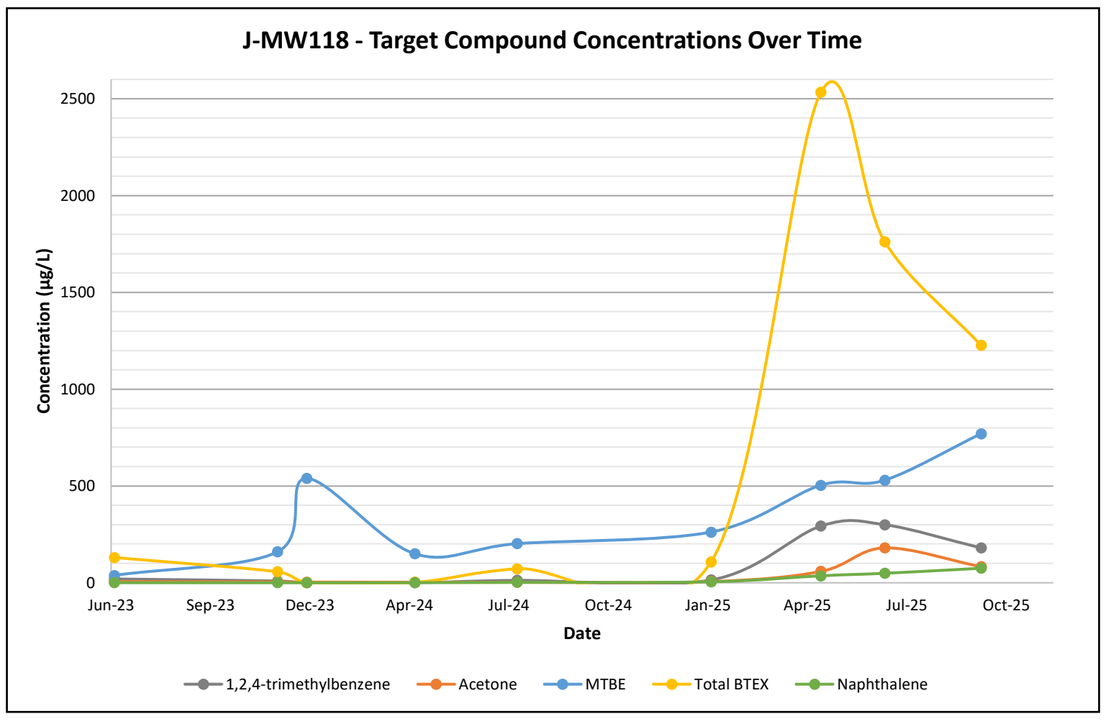
Figure 5
Quarterly Groundwater Monitoring Report - October 2025
Target Compound Concentrations Over Time

Willets Point Development
Queens, New York
NYSDEC BCP Site No.: C241146, C241146B, C241146D, C241146E and C241146H
Project No.: 170197605





NOTES:
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2. BTEX = benzene, toluene, ethylbenzene, and total xylene
3. µg/L = microgram per liter

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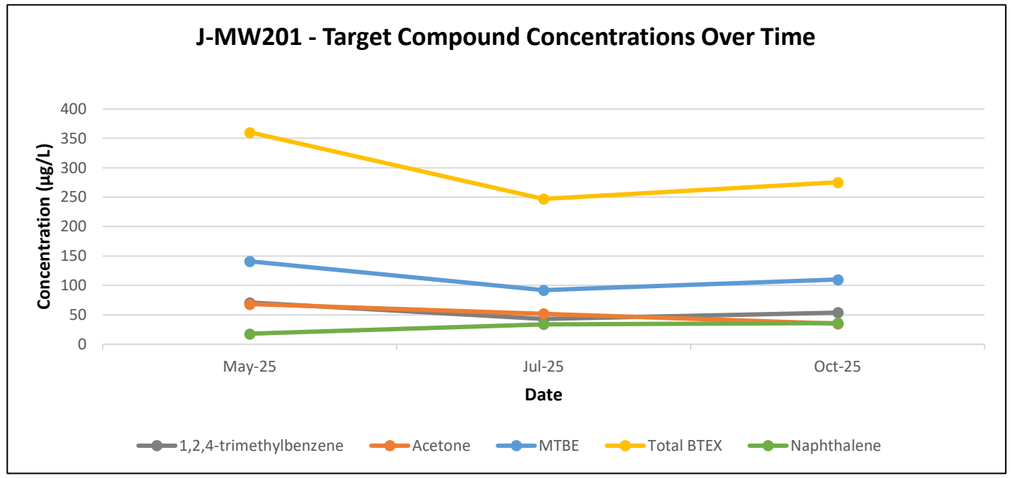
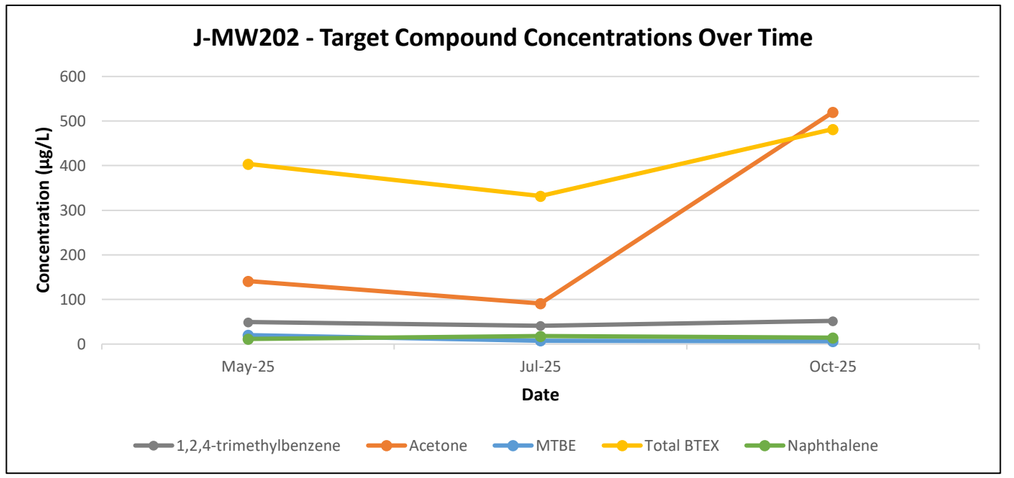
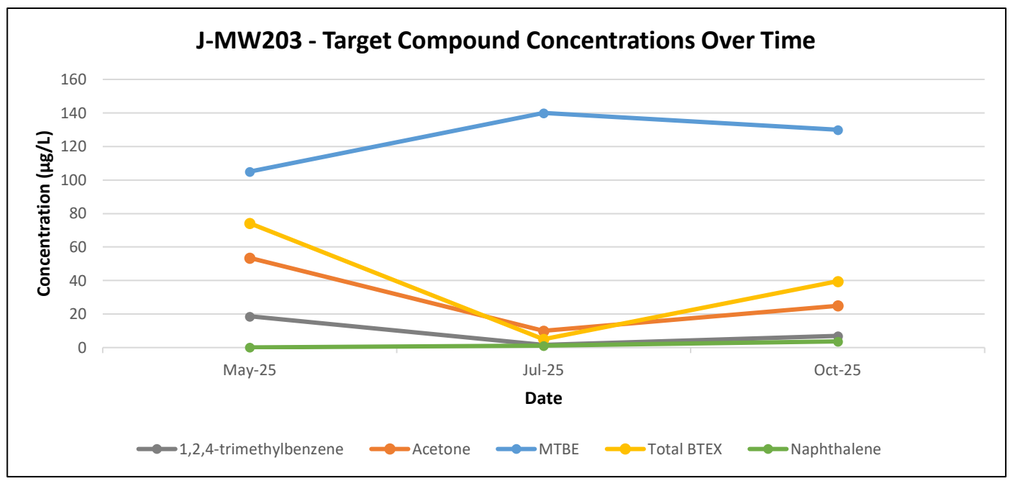
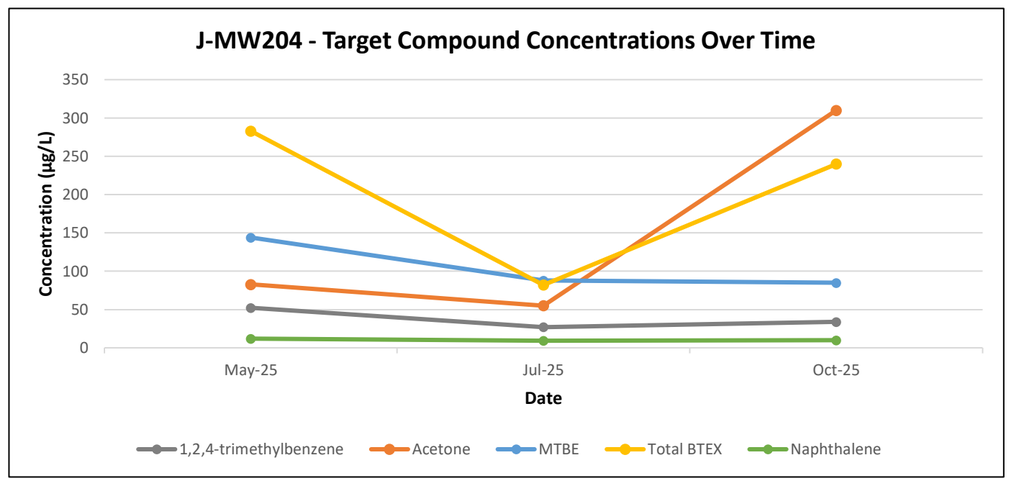
Figure 5
Quarterly Groundwater Monitoring Report - October 2025
Target Compound Concentrations Over Time

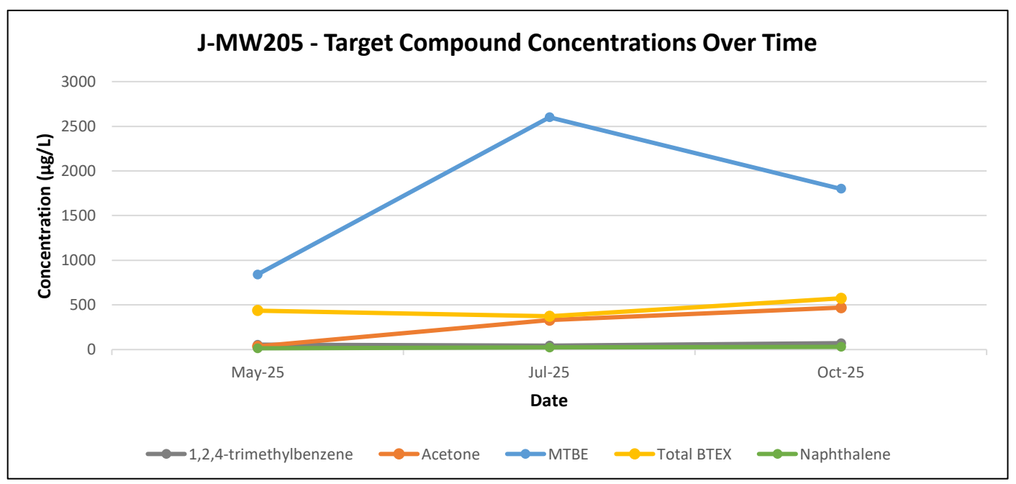
Willets Point Development
Queens, New York
NYSDEC BCP Site No.: C241146, C241146B, C241146D, C241146E and C241146H
Project No.: 170197605











NOTES:
1. MTBE = tert-butyl methyl ether
2. BTEX = benzene, toluene, ethylbenzene, and total xylene
3. µg/L = microgram per liter

LANGAN

TABLES

Table 1
Quarterly Goundwater Monitoring Report - October 2025
Monitoring Well Gauging and Groundwater Elevation Summary

Willets Point Development
Queens, New York
NYSDEC BCP Site No.: C241146B, C241146D, C241146E, and C241146H
Langan Project No.: 170197605

Monitoring Well ID	Gauge Date	TOC Elevation (NAVD88)	Depth to Product (feet bTOC)	PID Headspace Reading (ppm)	Depth to Groundwater (feet bTOC)	Depth to Bottom (feet bTOC)	Groundwater Elevation (NAVD88)
B-MW201R	10/20/2025	12.66	NMI	0.0	2.88	14.2	9.78
B-MW206	10/20/2025	23.08	NMI	0.0	12.73	25.9	10.35
C-MW201	10/20/2025	15.06	NMI	0.0	8.39	17.8	6.67
C-MW205	10/20/2025	17.17	NMI	0.0	10.05	24.3	7.12
C-MW206	10/20/2025	19.45	NMI	2.6	12.43	24.1	7.02
C-RMW01	10/20/2025	16.29	NMI	4.3	9.27	20.4	7.02
E-RW105	10/20/2025	10.29	NMI	0.0	5.85	16.2	4.44
J-MW117	10/20/2025	11.98	NMI	0.0	6.06	13.5	5.92
J-MW118	10/20/2025	13.10	NMI	7.3	7.18	10.4	5.92
J-MW201	10/20/2025	11.33	NMI	7.5	5.44	15.2	5.89
J-MW202	10/20/2025	12.93	NMI	3.3	7.20	14.2	5.73
J-MW203	10/20/2025	12.88	NMI	0.6	6.98	15.6	5.90
J-MW204	10/20/2025	13.25	NMI	1.1	7.34	15.3	5.91
J-MW205	10/20/2025	12.15	NMI	21.5	6.13	14.2	6.02

Notes:
bgs = Below Ground Surface
bTOC = Below Top of Casing
DTW = Depth to Water (measured in feet)
N/A = Not Available
NAVD88 = North American Vertical Datum of 1988
NMI = No measurable interface
PID = Photoionization Detector
ppm = parts per million
TOC = Top of casing
TOC elevation was surveyed for B-MW201R and B-MW206 on September 24, 2024 and for J-MW117, J-MW118, and J-MW201 through J-MW205 on June 2, 2025.
TOC elevation was surveyed for C-MW201, C-MW205, C-MW206, C-RMW01, E-RW105 on October 31, 2025.

Table 2
Quarterly Groundwater Monitoring Report - October 2025
Groundwater Sample Analytical Results

Willets Point Development
Queens, New York
NYSDEC BCP Site No.: C241146B, C241146D, C241146E and C241146H
Langan Project No.: 170197605

Analyte	CAS Number	NYSDEC SGVs	Location	A-MW115	A-MW115	A-MW115	A-MW115	A-MW115	A-MW115	A-MW204	A-MW204	A-MW204	A-MW204	A-MW204R	A-MW204R	A-MW204R	B-MW201	B-MW201
			Sample Name	A-MW115_080322	A-MW115_052323	A-MW115_082923	A-MW115_112923	A-MW115_040324	A-MW115_071524	A-MW204_080522	A-MW204R_052323	A-MW204R_082923	A-MW204R_122723	A-MW204R_071524	A-MW204R_011525	A-MW204R_042225	B-MW201_080422	B-MW201_021623
			Sample Date	08/03/2022	05/23/2023	08/29/2023	11/29/2023	04/03/2024	07/15/2024	08/05/2022	05/23/2023	08/29/2023	12/27/2023	07/15/2024	01/15/2025	04/22/2025	08/04/2022	02/16/2023
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds																		
1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,1,1-Trichloroethane	71-55-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<1 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	79-00-5	1	ug/l	<1.5 U	<1.5 U	<1.5 U	<3 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U
1,1-Dichloroethane	75-34-3	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,1-Dichloroethene	75-35-4	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<1 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,1-Dichloropropene	563-58-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,2,3-Trichlorobenzene	87-61-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,2,3-Trichloropropane	96-18-4	0.04	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,2,4,5-Tetramethylbenzene	95-93-2	**5**	ug/l	<2 U	<2 U	<2 U	<4 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,2,4-Trimethylbenzene	95-63-6	**5**	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	1.6 J	1.2 J	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.0006	ug/l	<2 U	<2 U	<2 U	<4 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
1,2-Dichlorobenzene	95-50-1	**3**	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,2-Dichloroethane	107-06-2	**0.6**	ug/l	<0.5 U	<0.5 U	<0.5 U	<1 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,2-Dichloropropane	78-87-5	**1**	ug/l	<1 U	<1 U	<1 U	<2 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	**5**	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	0.95 J	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,3-Dichlorobenzene	541-73-1	3	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,3-Dichloropropane	142-28-9	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,4-Dichlorobenzene	106-46-7	**3**	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,4-Diethyl Benzene	105-05-5	NS	ug/l	<2 U	<2 U	<2 U	<4 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
2,2-Dichloropropane	594-20-7	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
2-Chlorotoluene	95-49-8	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
2-Hexanone (MBK)	591-78-6	50	ug/l	<5 U	<5 U	<5 U	<10 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
4-Chlorotoluene	106-43-4	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
4-Ethyltoluene	622-96-8	NS	ug/l	<2 U	<2 U	<2 U	<4 U	1 J	0.8 J	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
Acetone	67-64-1	**50**	ug/l	45 J	<5 U	9.6 J	**86**	16	6.4	14 J	<5 U	48 J	5.4	20	11	**89**	11 J	9
Acrolein	107-02-8	5	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acrylonitrile	107-13-1	5	ug/l	<5 U	<5 U	<5 U	<10 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Benzene	71-43-2	**1**	ug/l	<0.5 U	<0.5 U	<0.5 U	<1 U	**5.1**	**2.3**	<0.5 U	<0.5 U	<0.5 U	<0.5 U	0.2 J	<0.5 U	0.66	0.38 J	<0.5 U
Bromobenzene	108-86-1	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Bromochloromethane	74-97-5	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Bromodichloromethane	75-27-4	50	ug/l	<0.5 U	<0.5 U	<0.5 U	<1 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Bromoform	75-25-2	50	ug/l	<2 U	<2 U	<2 U	<4 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
Bromomethane	74-83-9	**5**	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	1.6 J	0.79 J	<2.5 U	<2.5 U
Carbon Disulfide	75-15-0	60	ug/l	<5 U	<5 U	<5 U	<10 U	<5 U	<5 U	1.9 J	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Carbon Tetrachloride	56-23-5	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<1 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Chlorobenzene	108-90-7	**5**	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Chloroethane	75-00-3	**5**	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Chloroform	67-66-3	7	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	3	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	0.94 J	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Chloromethane	74-87-3	**5**	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	3.9	<2.5 U	<2.5 U	<2.5 U
Cis-1,2-Dichloroethene	156-59-2	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l	<0.5 U	<0.5 U	<0.5 U	<1 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Cyclohexane	110-82-7	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cymene	99-87-6	**5**	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	**6.5**	<2.5 U	<2.5 U
Dibromochloromethane	124-48-1	50	ug/l	<0.5 U	<0.5 U	<0.5 U	<1 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Dibromomethane	74-95-3	5	ug/l	<5 U	<5 U	<5 U	<10 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Dichlorodifluoromethane	75-71-8	5	ug/l	<5 U	<5 U	<5 U	<10 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Diethyl Ether (Ethyl Ether)	60-29-7	NS	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Ethylbenzene	100-41-4	**5**	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	1.9 J	1 J	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Hexachlorobutadiene	87-68-3	**0.5**	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Isopropylbenzene (Cumene)	98-82-8	**5**	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
M,P-Xylene	179601-23-1	**5**	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	3.3	1.8 J	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Methyl Acetate	79-20-9	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Ethyl Ketone (2-Butanone)	78-93-3	**50**	ug/l	6.2	<5 U	<5 U	<10 U	<5 U	<5 U	3.1 J	<5 U	**60**	<5 U	3.2 J	<5 U	**80**	<5 U	<5 UJ
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	ug/l	<5 U	<5 U	<5 U	<10 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Methylcyclohexane	108-87-2	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	75-09-2	**5**	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
n-Butylbenzene	104-51-8	**5**	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
n-Propylbenzene	103-65-1	**5**	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	**5**	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	1.8 J	1.2 J	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
p-Cymene (p-Isopropyltoluene)	CYMP	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sec-Butylbenzene	135-98-8	**5**	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Styrene	100-42-5	**5**	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
T-Butylbenzene	98-06-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Tert-Butyl Alcohol	75-65-0	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	**10**	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	1.8 J	4.4	4.7	**13**	2.4 J	5.4	2.8	1.3 J	1 J	2.8	3.7
Tetrachloroethene (PCE)	127-18-4	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<1 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Toluene	108-88-3	**5**	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	**9.9**	4	<2.5 U	<2.5 U	<2.5 U	<2.5 U	1.7 J	<2.5 U	**12**	<2.5 U	<2.5 U
Total 1,2-Dichloroethene (Cis and Trans)	540-59-0	NS	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Total Xylenes	1330-20-7	**5**	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	**5.1 J**	3 J	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	0.4	ug/l	<0.5 U	<0.5 U	<0.5 U	<1 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Trans-1,2-Dichloroethene	156-60-5	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Trans-1,3-Dichloropropene	10061-02-6	0.4	ug/l	<0.5 U	<0.5 U	<0.5 U	<1 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Trans-1,4-Dichloro-2-Butene	110-57-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 U	<2.5 U	<2.5 U
Trichloroethene (TCE)	79-01-6	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<1 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Trichlorofluoromethane	75-69-4	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Vinyl Acetate	108-05-4	NS	ug/l	<5 U	<5 U	<5 U	<10 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Vinyl Chloride	75-01-4	2	ug/l	<1 U	<1 U	<1 U	<2 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U
Total BTEX	BTEX	NS	ug/l	ND	ND	ND	ND	22	10.3	ND	ND	ND	ND	1.9	ND	12.66	0.38	ND
Total VOCs	TOTALVOCS	NS	ug/l	51.2	ND	9.6	86	46.35	23.1	24.42	13	110.4	10.8	28.84	17.8	189.95	14.18	12.7

Table 2
Quarterly Groundwater Monitoring Report - October 2025
Groundwater Sample Analytical Results

Willets Point Development
Queens, New York
NYSDEC BCP Site No.: C241146B, C241146D, C241146E and C241146H
Langan Project No.: 170197605

Analyte	CAS Number	NYSDEC SGVs	Location	B-MW201	B-MW201	B-MW201	B-MW201R	B-MW201R	B-MW201R	B-MW201R	B-MW201R	B-MW201R	B-MW206	B-MW206	B-MW206	B-MW206	B-MW206	B-MW206
			Sample Name	B-MW201_052223	B-MW201_082923	B-MW201_112923	B-MW201R_040524	B-MW201R_071724	B-MW201R_011625	B-MW201R_042325	B-MW201R_072425	B-MW201R_102125	B-MW206_080322	B-MW206_021623	B-MW206_052223	B-MW206_083023	B-MW206_122723	B-MW206_040324
			Sample Date	05/22/2023	08/29/2023	11/29/2023	04/05/2024	07/17/2024	01/16/2025	04/23/2025	07/24/2025	10/21/2025	08/03/2022	02/16/2023	05/22/2023	08/30/2023	12/27/2023	04/03/2024
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds																		
1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,1,1-Trichloroethane	71-55-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	<0.5 UJ	<0.5 U	<0.5 U	<1 U	<0.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 UJ	<0.5 U	<0.5 U	<0.5 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	79-00-5	1	ug/l	<1.5 U	<1.5 U	<1.5 U	<3 U	<1.5 U	<7.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U
1,1-Dichloroethane	75-34-3	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,1-Dichloroethene	75-35-4	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<1 U	<0.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,1-Dichloropropene	563-58-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,2,3-Trichlorobenzene	87-61-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<12 U	<2.5 U	<2.5 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,2,3-Trichloropropane	96-18-4	0.04	ug/l	<2.5 UJ	<2.5 U	<2.5 U	<5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 U	<2.5 U	<2.5 U
1,2,4,5-Tetramethylbenzene	95-93-2	**5**	ug/l	<2 U	<2 U	<2 U	<4 U	<2 U	<10 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,2,4-Trimethylbenzene	95-63-6	**5**	ug/l	<2.5 U	<2.5 U	<2.5 U	1.7 J	1.8 J	<12 U	<2.5 U	0.83 J	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.0006	ug/l	<2 U	<2 U	<2 U	<4 U	<2 U	<10 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
1,2-Dichlorobenzene	95-50-1	**3**	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,2-Dichloroethane	107-06-2	**0.6**	ug/l	<0.5 U	<0.5 U	<0.5 U	<1 U	<0.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,2-Dichloropropane	78-87-5	**1**	ug/l	<1 U	<1 U	<1 U	<2 U	<1 U	<5 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	**5**	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	1 J	<12 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,3-Dichlorobenzene	541-73-1	3	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	2.4 J	<12 U	1.5 J	1.3 J	1.5 J	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,3-Dichloropropane	142-28-9	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,4-Dichlorobenzene	106-46-7	**3**	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	**17**	**8.5 J**	**9**	**8.7**	**10**	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,4-Diethyl Benzene	105-05-5	NS	ug/l	<2 U	<2 U	<2 U	<4 U	<2 U	<10 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
2,2-Dichloropropane	594-20-7	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
2-Chlorotoluene	95-49-8	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
2-Hexanone (MBK)	591-78-6	50	ug/l	<5 UJ	<5 U	<5 U	<10 U	<5 U	<25 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U
4-Chlorotoluene	106-43-4	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
4-Ethyltoluene	622-96-8	NS	ug/l	<2 U	<2 U	<2 U	<4 U	0.97 J	<10 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
Acetone	67-64-1	**50**	ug/l	13	8.7 J	9	12	5.8	<25 U	7.7	5	7.1 J	26 J	7.1	**56**	**72**	45	**110**
Acrolein	107-02-8	5	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acrylonitrile	107-13-1	5	ug/l	<5 U	<5 U	<5 U	<10 U	<5 U	<25 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Benzene	71-43-2	**1**	ug/l	<0.5 U	0.23 J	0.16 J	0.86 J	**1.4**	<2.5 U	0.83	**1.2**	0.96	**7.5**	0.88	**17**	**1.7**	0.58	0.6
Bromobenzene	108-86-1	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Bromochloromethane	74-97-5	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Bromodichloromethane	75-27-4	50	ug/l	<0.5 U	<0.5 U	<0.5 U	<1 U	<0.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Bromoform	75-25-2	50	ug/l	<2 UJ	<2 U	<2 U	<4 U	<2 U	<10 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 U	<2 U	<2 U
Bromomethane	74-83-9	**5**	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	1.4 J	<12 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Carbon Disulfide	75-15-0	60	ug/l	<5 U	<5 U	<5 U	<10 U	<5 U	<25 U	<5 U	<5 U	<5 U	1.7 J	<5 U	1.9 J	<5 U	2.6 J	1.1 J
Carbon Tetrachloride	56-23-5	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<1 U	<0.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Chlorobenzene	108-90-7	**5**	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	**46**	**20**	**18**	**24**	**30**	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Chloroethane	75-00-3	**5**	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Chloroform	67-66-3	7	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Chloromethane	74-87-3	**5**	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Cis-1,2-Dichloroethene	156-59-2	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l	<0.5 U	<0.5 U	<0.5 U	<1 U	<0.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Cyclohexane	110-82-7	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cymene	99-87-6	**5**	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Dibromochloromethane	124-48-1	50	ug/l	<0.5 U	<0.5 U	<0.5 U	<1 U	<0.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Dibromomethane	74-95-3	5	ug/l	<5 U	<5 U	<5 U	<10 U	<5 U	<25 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Dichlorodifluoromethane	75-71-8	5	ug/l	<5 U	<5 U	<5 U	<10 U	<5 U	<25 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Diethyl Ether (Ethyl Ether)	60-29-7	NS	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Ethylbenzene	100-41-4	**5**	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Hexachlorobutadiene	87-68-3	**0.5**	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Isopropylbenzene (Cumene)	98-82-8	**5**	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
M,P-Xylene	179601-23-1	**5**	ug/l	<2.5 U	<2.5 U	<2.5 U	2.3 J	1.5 J	<12 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Methyl Acetate	79-20-9	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Ethyl Ketone (2-Butanone)	78-93-3	**50**	ug/l	<5 U	<5 U	<5 U	<10 U	<5 U	<25 U	<5 U	<5 U	<5 U	4.2 J	<5 UJ	9.7	12	4.3 J	11
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	ug/l	<5 U	<5 U	<5 U	<10 U	<5 U	<25 U	<5 U	<5 U	<5 U	<5 U	<5 U	1.1 J	<5 U	<5 U	1 J
Methylcyclohexane	108-87-2	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	75-09-2	**5**	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
n-Butylbenzene	104-51-8	**5**	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
n-Propylbenzene	103-65-1	**5**	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	**5**	ug/l	<2.5 U	<2.5 U	<2.5 U	1.8 J	1.6 J	<12 U	<2.5 U	0.8 J	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
p-Cymene (p-Isopropyltoluene)	CYMP	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sec-Butylbenzene	135-98-8	**5**	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Styrene	100-42-5	**5**	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
T-Butylbenzene	98-06-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Tert-Butyl Alcohol	75-65-0	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	**10**	ug/l	2.6	7.6	6.3	5.2	**12**	7.6 J	9.8	8.8	7.5	2.1 J	2.5	8.1	<2.5 U	3.3	1.2 J
Tetrachloroethene (PCE)	127-18-4	5	ug/l	<0.5 UJ	<0.5 U	<0.5 U	<1 U	<0.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 UJ	<0.5 U	<0.5 U	<0.5 U
Toluene	108-88-3	**5**	ug/l	<2.5 U	<2.5 U	<2.5 U	2 J	0.77 J	<12 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	0.92 J	<2.5 U	<2.5 U	0.73 J
Total 1,2-Dichloroethene (Cis and Trans)	540-59-0	NS	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Total Xylenes	1330-20-7	**5**	ug/l	<2.5 U	<2.5 U	<2.5 U	4.1 J	3.1 J	<12 U	<2.5 U	0.8 J	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	0.4	ug/l	<0.5 U	<0.5 U	<0.5 U	<1 U	<0.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Trans-1,2-Dichloroethene	156-60-5	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Trans-1,3-Dichloropropene	10061-02-6	0.4	ug/l	<0.5 U	<0.5 U	<0.5 U	<1 U	<0.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Trans-1,4-Dichloro-2-Butene	110-57-6	5	ug/l	<2.5 UJ	<2.5 U	<2.5 U	<5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 U	<2.5 U	<2.5 UJ
Trichloroethene (TCE)	79-01-6	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<1 U	<0.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Trichlorofluoromethane	75-69-4	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Vinyl Acetate	108-05-4	NS	ug/l	<5 U	<5 U	<5 U	<10 U	<5 U	<25 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Vinyl Chloride	75-01-4	2	ug/l	<1 U	<1 U	<1 U	0.18 J	<1 U	<5 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U
Total BTEX	BTEX	NS	ug/l	ND	0.23	0.16	6.96	5.27	ND	0.83	2	0.96	7.5	0.88	17.92	1.7	0.58	1.33
Total VOCs	TOTALVOCS	NS	ug/l	15.6	16.53	15.46	26.04	93.64	36.1	52.03	56.23	61.26	44.2	11.68	94.72	85.7	55.78	125.63

Table 2
Quarterly Groundwater Monitoring Report - October 2025
Groundwater Sample Analytical Results

Willets Point Development
Queens, New York
NYSDEC BCP Site No.: C241146B, C241146D, C241146E and C241146H
Langan Project No.: 170197605

Analyte	CAS Number	NYSDEC SGVs	Location	B-MW206	B-MW206	B-MW206	B-MW206	B-MW206	C-MW201	C-MW201	C-MW201	C-MW201	C-MW201	C-MW201	C-MW201	C-MW201	C-MW201	C-MW201
			Sample Name	B-MW206_071624	B-MW206_011625	B-MW206_042225	B-MW206_072425	B-MW206_102125	C-MW201_080422	C-MW201_021623	C-MW201_052223	C-MW201_082923	C-MW201_112823	C-MW201_071624	C-MW201_011325	C-MW201_042225	C-MW201_072425	DUP01_072425
			Sample Date	07/16/2024	01/16/2025	04/22/2025	07/24/2025	10/21/2025	08/04/2022	02/16/2023	05/22/2023	08/29/2023	11/28/2023	07/16/2024	01/13/2025	04/22/2025	07/24/2025	07/24/2025
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds																		
1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<6.2 U	<25 U	<10 U	<2.5 U	<2.5 U
1,1,1-Trichloroethane	71-55-6	5	ug/l	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<6.2 U	<25 U	<10 U	<2.5 U	<2.5 U
1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	<0.5 U	<5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 UJ	<0.5 U	<0.5 U	<1.2 U	<5 U	<2 U	<0.5 U	<0.5 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	79-00-5	1	ug/l	<1.5 U	<15 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<3.8 U	<15 U	<6 U	<1.5 U	<1.5 U
1,1-Dichloroethane	75-34-3	5	ug/l	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<6.2 U	<25 U	<10 U	<2.5 U	<2.5 U
1,1-Dichloroethene	75-35-4	5	ug/l	<0.5 U	<5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<1.2 U	<5 U	<2 U	<0.5 U	<0.5 U
1,1-Dichloropropene	563-58-6	5	ug/l	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<6.2 U	<25 U	<10 U	<2.5 U	<2.5 U
1,2,3-Trichlorobenzene	87-61-6	5	ug/l	<2.5 U	<25 U	<2.5 U	<2.5 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<6.2 U	<25 U	<10 U	<2.5 UJ	<2.5 UJ
1,2,3-Trichloropropane	96-18-4	0.04	ug/l	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 U	<2.5 U	<6.2 U	<25 U	<10 U	<2.5 U	<2.5 U
1,2,4,5-Tetramethylbenzene	95-93-2	**5**	ug/l	<2 U	<20 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<5 U	<20 U	<8 U	<2 U	<2 U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<6.2 U	<25 U	<10 U	<2.5 U	<2.5 U
1,2,4-Trimethylbenzene	95-63-6	**5**	ug/l	<2.5 U	<25 U	<2.5 U	<2.5 U	0.83 J	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	2 J	<25 U	<10 U	<2.5 U	<2.5 U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	ug/l	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<6.2 U	<25 U	<10 U	<2.5 U	<2.5 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.0006	ug/l	<2 U	<20 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<5 U	<20 U	<8 U	<2 U	<2 U
1,2-Dichlorobenzene	95-50-1	**3**	ug/l	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<6.2 U	<25 U	<10 U	<2.5 U	<2.5 U
1,2-Dichloroethane	107-06-2	**0.6**	ug/l	<0.5 U	<5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<1.2 U	<5 U	<2 U	<0.5 U	<0.5 U
1,2-Dichloropropane	78-87-5	**1**	ug/l	<1 U	<10 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<2.5 U	<10 U	<4 U	<1 U	<1 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	**5**	ug/l	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<6.2 U	<25 U	<10 U	<2.5 U	<2.5 U
1,3-Dichlorobenzene	541-73-1	3	ug/l	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<6.2 U	<25 U	<10 U	<2.5 U	<2.5 U
1,3-Dichloropropane	142-28-9	5	ug/l	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<6.2 U	<25 U	<10 U	<2.5 U	<2.5 U
1,4-Dichlorobenzene	106-46-7	**3**	ug/l	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<6.2 U	<25 U	<10 U	<2.5 U	<2.5 U
1,4-Diethyl Benzene	105-05-5	NS	ug/l	<2 U	<20 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<5 U	<20 U	<8 U	<2 U	<2 U
2,2-Dichloropropane	594-20-7	5	ug/l	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<6.2 U	<25 U	<10 U	<2.5 U	<2.5 U
2-Chlorotoluene	95-49-8	5	ug/l	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<6.2 U	<25 U	<10 U	<2.5 U	<2.5 U
2-Hexanone (MBK)	591-78-6	50	ug/l	<5 U	<50 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<12 U	<50 U	<20 U	<5 U	<5 U
4-Chlorotoluene	106-43-4	5	ug/l	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<6.2 U	<25 U	<10 U	<2.5 U	<2.5 U
4-Ethyltoluene	622-96-8	NS	ug/l	<2 U	<20 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<5 U	<20 U	<8 U	<2 U	<2 U
Acetone	67-64-1	**50**	ug/l	38	**100**	38	9.8	**85**	<5 UJ	4.2 J	<5 U	<5 U	<5 U	4 J	<50 U	<20 U	3.4 J	4.6 J
Acrolein	107-02-8	5	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acrylonitrile	107-13-1	5	ug/l	<5 U	<50 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<12 U	<50 U	<20 U	<5 U	<5 U
Benzene	71-43-2	**1**	ug/l	0.51	<5 U	0.68	0.7	**1.3**	0.3 J	0.16 J	0.18 J	0.26 J	<0.5 U	0.68 J	<5 U	<2 U	0.59	0.57
Bromobenzene	108-86-1	5	ug/l	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<6.2 U	<25 U	<10 U	<2.5 U	<2.5 U
Bromochloromethane	74-97-5	5	ug/l	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<6.2 U	<25 U	<10 U	<2.5 U	<2.5 U
Bromodichloromethane	75-27-4	50	ug/l	<0.5 U	<5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<1.2 U	<5 U	<2 U	<0.5 U	<0.5 U
Bromoform	75-25-2	50	ug/l	<2 U	<20 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 U	<2 U	<5 U	<20 U	<8 U	<2 U	<2 U
Bromomethane	74-83-9	**5**	ug/l	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<6.2 U	<25 U	<10 U	<2.5 U	<2.5 U
Carbon Disulfide	75-15-0	60	ug/l	1.4 J	<50 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<12 U	<50 U	<20 U	<5 U	<5 U
Carbon Tetrachloride	56-23-5	5	ug/l	<0.5 U	<5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<1.2 U	<5 U	<2 U	<0.5 U	<0.5 U
Chlorobenzene	108-90-7	**5**	ug/l	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<6.2 U	<25 U	<10 U	<2.5 U	<2.5 U
Chloroethane	75-00-3	**5**	ug/l	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<6.2 U	<25 U	<10 U	<2.5 U	<2.5 U
Chloroform	67-66-3	7	ug/l	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<6.2 U	<25 U	<10 U	<2.5 U	<2.5 U
Chloromethane	74-87-3	**5**	ug/l	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<6.2 U	<25 U	<10 U	<2.5 U	<2.5 U
Cis-1,2-Dichloroethene	156-59-2	5	ug/l	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<6.2 U	<25 U	<10 U	0.88 J	<2.5 U
Cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l	<0.5 U	<5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<1.2 U	<5 U	<2 U	<0.5 U	<0.5 U
Cyclohexane	110-82-7	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cymene	99-87-6	**5**	ug/l	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<6.2 U	<25 U	<10 U	<2.5 U	<2.5 U
Dibromochloromethane	124-48-1	50	ug/l	<0.5 U	<5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<1.2 U	<5 U	<2 U	<0.5 U	<0.5 U
Dibromomethane	74-95-3	5	ug/l	<5 U	<50 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<12 U	<50 U	<20 U	<5 U	<5 U
Dichlorodifluoromethane	75-71-8	5	ug/l	<5 U	<50 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<12 U	<50 U	<20 U	<5 U	<5 U
Diethyl Ether (Ethyl Ether)	60-29-7	NS	ug/l	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<6.2 U	<25 U	<10 U	<2.5 U	<2.5 U
Ethylbenzene	100-41-4	**5**	ug/l	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<6.2 U	<25 U	<10 U	<2.5 U	<2.5 U
Hexachlorobutadiene	87-68-3	**0.5**	ug/l	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<6.2 U	<25 U	<10 U	<2.5 U	<2.5 U
Isopropylbenzene (Cumene)	98-82-8	**5**	ug/l	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<6.2 U	<25 U	<10 U	<2.5 U	<2.5 U
M,P-Xylene	179601-23-1	**5**	ug/l	<2.5 U	<25 U	<2.5 U	<2.5 U	1.1 J	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	2.8 J	<25 U	<10 U	<2.5 U	<2.5 U
Methyl Acetate	79-20-9	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Ethyl Ketone (2-Butanone)	78-93-3	**50**	ug/l	4.4 J	<50 U	14	6.3	8.6	<5 U	<5 UJ	<5 U	<5 U	<5 U	<12 U	<50 U	<20 U	<5 U	<5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	ug/l	<5 U	<50 U	<5 U	<5 U	1.7 J	<5 U	<5 U	<5 U	<5 U	<5 U	<12 U	<50 U	<20 U	<5 U	<5 U
Methylcyclohexane	108-87-2	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	75-09-2	**5**	ug/l	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<6.2 U	<25 U	<10 U	<2.5 U	<2.5 U
n-Butylbenzene	104-51-8	**5**	ug/l	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<6.2 U	<25 U	<10 U	<2.5 U	<2.5 U
n-Propylbenzene	103-65-1	**5**	ug/l	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<6.2 U	<25 U	<10 U	<2.5 U	<2.5 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	**5**	ug/l	<2.5 U	<25 U	<2.5 U	<2.5 U	0.81 J	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<6.2 U	<25 U	<10 U	<2.5 U	<2.5 U
p-Cymene (p-Isopropyltoluene)	CYMP	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sec-Butylbenzene	135-98-8	**5**	ug/l	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<6.2 U	<25 U	<10 U	<2.5 U	<2.5 U
Styrene	100-42-5	**5**	ug/l	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<6.2 U	<25 U	<10 U	<2.5 U	<2.5 U
T-Butylbenzene	98-06-6	5	ug/l	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<6.2 U	<25 U	<10 U	<2.5 U	<2.5 U
Tert-Butyl Alcohol	75-65-0	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	**10**	ug/l	5.3	3.8 J	0.65 J	3.4	1.2 J	**15**	**23**	**66**	**34**	**31**	**130**	**79**	**66**	**34**	**36**
Tetrachloroethene (PCE)	127-18-4	5	ug/l	<0.5 U	<5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 UJ	<0.5 U	<0.5 U	<1.2 U	<5 U	<2 U	<0.5 U	<0.5 U
Toluene	108-88-3	**5**	ug/l	<2.5 U	<25 U	<2.5 U	<2.5 U	0.88 J	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<6.2 U	<25 U	<10 U	<2.5 U	<2.5 U
Total 1,2-Dichloroethene (Cis and Trans)	540-59-0	NS	ug/l	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<6.2 U	<25 U	<10 U	0.88 J	<2.5 U
Total Xylenes	1330-20-7	**5**	ug/l	<2.5 U	<25 U	<2.5 U	<2.5 U	1.9 J	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	2.8 J	<25 U	<10 U	<2.5 U	<2.5 U
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	0.4	ug/l	<0.5 U	<5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<1.2 U	<5 U	<2 U	<0.5 U	<0.5 U
Trans-1,2-Dichloroethene	156-60-5	5	ug/l	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<6.2 U	<25 U	<10 U	<2.5 U	<2.5 U
Trans-1,3-Dichloropropene	10061-02-6	0.4	ug/l	<0.5 U	<5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<1.2 U	<5 U	<2 U	<0.5 U	<0.5 U
Trans-1,4-Dichloro-2-Butene	110-57-6	5	ug/l	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 U	<2.5 U	<6.2 U	<25 U	<10 U	<2.5 U	<2.5 U
Trichloroethene (TCE)	79-01-6	5	ug/l	<0.5 U	<5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<1.2 U	<5 U	<2 U	<0.5 U	<0.5 U
Trichlorofluoromethane	75-69-4	5	ug/l	<2.5 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<6.2 U	<25 U	<10 U	<2.5 U	<2.5 U
Vinyl Acetate	108-05-4	NS	ug/l	<5 U	<50 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<12 U	<50 U	<20 U	<5 U	<5 U
Vinyl Chloride	75-01-4	2	ug/l	<1 U	<10 U	<1 U	0.12 J	<1 U	1.4	0.65 J	0.8 J	0.88 J	0.61 J	0.36 J	<10 U	<4 U	1.6	1.1
Total BTEX	BTEX	NS	ug/l	0.51	ND	0.68	0.7	4.09	0.3	0.16	0.18	0.26	ND	3.48	ND	ND	0.59	0.57
Total VOCs	TOTALVOCS	NS	ug/l	49.61	103.8	56.23	22.42	107.52	21.5	61.01	66.98	35.14	31.61	139.84	299	496	59.35	61.27

Table 2
Quarterly Groundwater Monitoring Report - October 2025
Groundwater Sample Analytical Results

Willets Point Development
Queens, New York
NYSDEC BCP Site No.: C241146B, C241146D, C241146E and C241146H
Langan Project No.: 170197605

Analyte	CAS Number	NYSDEC SGVs	Location	C-MW201	C-MW205	C-MW205	C-MW205	C-MW205	C-MW205	C-MW205	C-MW205	C-MW205	C-MW205	C-MW205	C-MW205	C-MW205	C-MW205	C-MW205
			Sample Name	C-MW201_102125	C-MW205_080322	GWDUP01_080322	C-MW205_021623	C-MW205_052223	C-MW205_083023	GWDUP01_083023	C-MW205_112823	C-MW205_032524	C-MW205_071724	C-MW205_020725	C-MW205_042325	C-MW205_072425	C-MW205_102125	DUP01_102125
			Sample Date	10/21/2025	08/03/2022	08/03/2022	02/16/2023	05/22/2023	08/30/2023	08/30/2023	11/28/2023	03/25/2024	07/17/2024	02/07/2025	04/23/2025	07/24/2025	10/21/2025	10/21/2025
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds																		
1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	<10 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,1,1-Trichloroethane	71-55-6	5	ug/l	<10 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	<2 U	<0.5 U	<0.5 U	<0.5 U	<0.5 UJ	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	79-00-5	1	ug/l	<6 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U
1,1-Dichloroethane	75-34-3	5	ug/l	<10 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,1-Dichloroethene	75-35-4	5	ug/l	<2 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,1-Dichloropropene	563-58-6	5	ug/l	<10 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,2,3-Trichlorobenzene	87-61-6	5	ug/l	<10 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 U	<2.5 U
1,2,3-Trichloropropane	96-18-4	0.04	ug/l	<10 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,2,4,5-Tetramethylbenzene	95-93-2	**5**	ug/l	<8 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<10 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,2,4-Trimethylbenzene	95-63-6	**5**	ug/l	<10 U	0.78 J	0.77 J	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	0.85 J	1.3 J	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	ug/l	<10 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.0006	ug/l	<8 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
1,2-Dichlorobenzene	95-50-1	**3**	ug/l	<10 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,2-Dichloroethane	107-06-2	**0.6**	ug/l	<2 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,2-Dichloropropane	78-87-5	**1**	ug/l	<4 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	**5**	ug/l	<10 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,3-Dichlorobenzene	541-73-1	3	ug/l	<10 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,3-Dichloropropane	142-28-9	5	ug/l	<10 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,4-Dichlorobenzene	106-46-7	**3**	ug/l	<10 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,4-Diethyl Benzene	105-05-5	NS	ug/l	<8 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
2,2-Dichloropropane	594-20-7	5	ug/l	<10 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
2-Chlorotoluene	95-49-8	5	ug/l	<10 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
2-Hexanone (MBK)	591-78-6	50	ug/l	<20 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
4-Chlorotoluene	106-43-4	5	ug/l	<10 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
4-Ethyltoluene	622-96-8	NS	ug/l	<8 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	0.77 J	<2 U	<2 U	<2 U	<2 U	<2 U
Acetone	67-64-1	**50**	ug/l	<20 U	<5 U	<5 U	5.3	2.2 J	2.6 J	2.6 J	24	**100**	26	28	28	33	8.4 J	27 J
Acrolein	107-02-8	5	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acrylonitrile	107-13-1	5	ug/l	<20 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Benzene	71-43-2	**1**	ug/l	0.73 J	**2 J**	**2.1 J**	0.83	1	0.56	0.54	0.44 J	**1.9**	**5.5**	**2.1**	**2.4**	**1.9**	0.42 J	**1.6 J**
Bromobenzene	108-86-1	5	ug/l	<10 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Bromochloromethane	74-97-5	5	ug/l	<10 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Bromodichloromethane	75-27-4	50	ug/l	<2 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Bromoform	75-25-2	50	ug/l	<8 U	<2 U	<2 U	<2 U	<2 UJ	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
Bromomethane	74-83-9	**5**	ug/l	<10 U	0.71 J	0.89 J	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Carbon Disulfide	75-15-0	60	ug/l	<20 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	1.4 J
Carbon Tetrachloride	56-23-5	5	ug/l	<2 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Chlorobenzene	108-90-7	**5**	ug/l	<10 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Chloroethane	75-00-3	**5**	ug/l	<10 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Chloroform	67-66-3	7	ug/l	<10 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Chloromethane	74-87-3	**5**	ug/l	<10 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Cis-1,2-Dichloroethene	156-59-2	5	ug/l	<10 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l	<2 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Cyclohexane	110-82-7	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cymene	99-87-6	**5**	ug/l	<10 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Dibromochloromethane	124-48-1	50	ug/l	<2 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Dibromomethane	74-95-3	5	ug/l	<20 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Dichlorodifluoromethane	75-71-8	5	ug/l	<20 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Diethyl Ether (Ethyl Ether)	60-29-7	NS	ug/l	<10 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Ethylbenzene	100-41-4	**5**	ug/l	<10 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	1.5 J	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Hexachlorobutadiene	87-68-3	**0.5**	ug/l	<10 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Isopropylbenzene (Cumene)	98-82-8	**5**	ug/l	<10 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
M,P-Xylene	179601-23-1	**5**	ug/l	<10 U	0.8 J	0.81 J	<2.5 U	0.74 J	<2.5 U	<2.5 U	<2.5 U	1.4 J	3.4	0.92 J	1.2 J	0.86 J	<2.5 U	0.81 J
Methyl Acetate	79-20-9	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Ethyl Ketone (2-Butanone)	78-93-3	**50**	ug/l	<20 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	2.3 J	**84**	14	5.1	5.6	6.6	<5 U	4 J
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	ug/l	<20 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	1.5 J	<5 U	<5 U	2.8 J	1.2 J	<5 U	<5 U
Methylcyclohexane	108-87-2	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	75-09-2	**5**	ug/l	<10 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
n-Butylbenzene	104-51-8	**5**	ug/l	<10 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
n-Propylbenzene	103-65-1	**5**	ug/l	<10 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	**5**	ug/l	<10 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	0.99 J	1.3 J	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
p-Cymene (p-Isopropyltoluene)	CYMP	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sec-Butylbenzene	135-98-8	**5**	ug/l	<10 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Styrene	100-42-5	**5**	ug/l	<10 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
T-Butylbenzene	98-06-6	5	ug/l	<10 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Tert-Butyl Alcohol	75-65-0	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	**10**	ug/l	**57**	**44**	**47**	7.4	**47**	**89**	**87**	**86**	**20**	**72**	**72**	**62**	**50**	**71**	**53**
Tetrachloroethene (PCE)	127-18-4	5	ug/l	<2 U	<0.5 U	<0.5 U	<0.5 U	<0.5 UJ	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Toluene	108-88-3	**5**	ug/l	<10 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	1.9 J	3.4	0.84 J	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Total 1,2-Dichloroethene (Cis and Trans)	540-59-0	NS	ug/l	<10 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Total Xylenes	1330-20-7	**5**	ug/l	<10 U	0.8 J	0.81 J	<2.5 U	0.74 J	<2.5 U	<2.5 U	<2.5 U	2.4 J	4.7 J	0.92 J	1.2 J	0.86 J	<2.5 U	0.81 J
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	0.4	ug/l	<2 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Trans-1,2-Dichloroethene	156-60-5	5	ug/l	<10 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Trans-1,3-Dichloropropene	10061-02-6	0.4	ug/l	<2 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Trans-1,4-Dichloro-2-Butene	110-57-6	5	ug/l	<10 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Trichloroethene (TCE)	79-01-6	5	ug/l	<2 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Trichlorofluoromethane	75-69-4	5	ug/l	<10 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Vinyl Acetate	108-05-4	NS	ug/l	<20 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Vinyl Chloride	75-01-4	2	ug/l	0.51 J	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	0.09 J	<1 U	<1 U
Total BTEX	BTEX	NS	ug/l	0.73	2.8	2.91	0.83	1.74	0.56	0.54	0.44	6.19	15.1	3.86	3.6	2.76	0.42	2.41
Total VOCs	TOTALVOCS	NS	ug/l	478.24	56.29	59.57	14.83	50.94	92.16	90.14	112.74	212.54	129.17	113.36	107	97.05	82.12	92.51

Table 2
Quarterly Groundwater Monitoring Report - October 2025
Groundwater Sample Analytical Results

Willets Point Development
Queens, New York
NYSDEC BCP Site No.: C241146B, C241146D, C241146E and C241146H
Langan Project No.: 170197605

Analyte	CAS Number	NYSDEC SGVs	Location	C-MW206	C-MW206	C-MW206	C-MW206	C-MW206	C-MW206	C-MW206	C-MW206	C-MW206	C-MW206	C-MW206	C-MW206	C-MW206	C-RMW01	C-RMW01
			Sample Name	C-MW206_021623	C-MW206_052223	GWDUP01_052223	C-MW206_083023	C-MW206_112823	GWDUP01_112823	C-MW206_040524	C-MW206_071624	GWDUP01_071624	C-MW206_011325	C-MW206_042125	C-MW206_072425	C-MW206_102025	C-RMW01_080422	C-RMW01_021623
			Sample Date	02/16/2023	05/22/2023	05/22/2023	08/30/2023	11/28/2023	11/28/2023	04/05/2024	07/16/2024	07/16/2024	01/13/2025	04/21/2025	07/24/2025	10/20/2025	08/04/2022	02/16/2023
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds																		
1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	<25 U	<12 U	<25 U	<10 U	<10 U	<10 U	<25 U	<6.2 U	<5 U	<25 U	<6.2 U	<25 U	<12 U	<50 U	<5 U
1,1,1-Trichloroethane	71-55-6	5	ug/l	<25 U	<12 U	<25 U	<10 U	<10 U	<10 U	<25 U	<6.2 U	<5 U	<25 U	<6.2 U	<25 U	<12 U	<50 U	<5 U
1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	<5 U	<2.5 UJ	<5 UJ	<2 U	<2 U	<2 U	<5 U	<1.2 U	<1 U	<5 U	<1.2 U	<5 U	<2.5 U	<10 U	<1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	79-00-5	1	ug/l	<15 U	<7.5 U	<15 U	<6 U	<6 U	<6 U	<15 U	<3.8 U	<3 U	<15 U	<3.8 U	<15 U	<7.5 U	<30 U	<3 U
1,1-Dichloroethane	75-34-3	5	ug/l	<25 U	<12 U	<25 U	<10 U	<10 U	<10 U	<25 U	<6.2 U	<5 U	<25 U	<6.2 U	<25 U	<12 U	<50 U	<5 U
1,1-Dichloroethene	75-35-4	5	ug/l	<5 U	<2.5 U	<5 U	<2 U	<2 U	<2 U	<5 U	<1.2 U	<1 U	<5 U	<1.2 U	<5 U	<2.5 U	<10 U	<1 U
1,1-Dichloropropene	563-58-6	5	ug/l	<25 U	<12 U	<25 U	<10 U	<10 U	<10 U	<25 U	<6.2 U	<5 U	<25 U	<6.2 U	<25 U	<12 U	<50 U	<5 U
1,2,3-Trichlorobenzene	87-61-6	5	ug/l	<25 U	<12 U	<25 U	<10 U	<10 U	<10 U	<25 U	<6.2 U	<5 U	<25 U	<6.2 U	<25 U	<12 U	<50 U	<5 U
1,2,3-Trichloropropane	96-18-4	0.04	ug/l	<25 U	<12 UJ	<25 UJ	<10 U	<10 U	<10 U	<25 U	<6.2 U	<5 U	<25 U	<6.2 U	<25 U	<12 U	<50 U	<5 U
1,2,4,5-Tetramethylbenzene	95-93-2	**5**	ug/l	**24**	**20**	**19 J**	**19**	**22**	**22**	**20**	**16**	**16**	<20 U	**6.4**	<20 U	**9.3 J**	<40 U	2 J
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<25 U	<12 U	<25 U	<10 U	<10 U	<10 U	<25 U	<6.2 U	<5 U	<25 U	<6.2 U	<25 U	<12 U	<50 U	<5 U
1,2,4-Trimethylbenzene	95-63-6	**5**	ug/l	**430**	**400**	**400**	**460**	**370**	**380**	**320**	**240**	**260**	**14 J**	**110**	**98**	**78**	**17 J**	**20**
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	ug/l	<25 U	<12 U	<25 U	<10 U	<10 U	<10 U	<25 U	<6.2 U	<5 U	<25 U	<6.2 U	<25 U	<12 U	<50 U	<5 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.0006	ug/l	<20 U	<10 U	<20 U	<8 U	<8 U	<8 U	<20 U	<5 U	<4 U	<20 U	<5 U	<20 U	<10 U	<40 U	<4 U
1,2-Dichlorobenzene	95-50-1	**3**	ug/l	<25 U	<12 U	<25 U	<10 U	<10 U	<10 U	<25 U	<6.2 U	<5 U	<25 U	<6.2 U	<25 U	<12 U	<50 U	<5 U
1,2-Dichloroethane	107-06-2	**0.6**	ug/l	<5 U	<2.5 U	<5 U	<2 U	<2 U	<2 U	<5 U	<1.2 U	<1 U	**11**	**0.87 J**	<5 U	**1.6 J**	<10 U	<1 U
1,2-Dichloropropane	78-87-5	**1**	ug/l	<10 U	<5 U	<10 U	<4 U	<4 U	<4 U	<10 U	<2.5 U	<2 U	**4.9 J**	0.58 J	<10 U	**1.1 J**	<20 U	<2 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	**5**	ug/l	**110**	**100**	**100**	**100**	**83**	**85**	**75**	**52**	**54**	**16 J**	**27**	**21 J**	<12 U	<50 U	**8.3**
1,3-Dichlorobenzene	541-73-1	3	ug/l	<25 U	<12 U	<25 U	<10 U	<10 U	<10 U	<25 U	<6.2 U	<5 U	<25 U	<6.2 U	<25 U	<12 U	<50 U	<5 U
1,3-Dichloropropane	142-28-9	5	ug/l	<25 U	<12 U	<25 U	<10 U	<10 U	<10 U	<25 U	<6.2 U	<5 U	<25 U	<6.2 U	<25 U	<12 U	<50 U	<5 U
1,4-Dichlorobenzene	106-46-7	**3**	ug/l	<25 U	<12 U	<25 U	<10 U	<10 U	<10 U	<25 U	<6.2 U	<5 U	<25 U	<6.2 U	<25 U	<12 U	<50 U	<5 U
1,4-Diethyl Benzene	105-05-5	NS	ug/l	59	55	54	50	50	52	<20 U	42 J	4.6 J	8.1 J	16	11 J	<10 U	<40 U	5.4
2,2-Dichloropropane	594-20-7	5	ug/l	<25 U	<12 U	<25 U	<10 U	<10 U	<10 U	<25 U	<6.2 U	<5 U	<25 U	<6.2 U	<25 U	<12 U	<50 U	<5 U
2-Chlorotoluene	95-49-8	5	ug/l	<25 U	<12 U	<25 U	<10 U	<10 U	<10 U	<25 U	<6.2 U	<5 U	<25 U	<6.2 U	<25 U	<12 U	<50 U	<5 U
2-Hexanone (MBK)	591-78-6	50	ug/l	<50 U	<25 UJ	<50 UJ	<20 U	<20 U	<20 U	<50 U	<12 U	<10 U	11 J	3.5 J	<50 U	<25 U	<100 U	<10 U
4-Chlorotoluene	106-43-4	5	ug/l	<25 U	<12 U	<25 U	<10 U	<10 U	<10 U	<25 U	<6.2 U	<5 U	<25 U	<6.2 U	<25 U	<12 U	<50 U	<5 U
4-Ethyltoluene	622-96-8	NS	ug/l	320	300	290	310	170	170	190	140	140	74	90	55	14	<40 U	13
Acetone	67-64-1	**50**	ug/l	**500**	31	39 J	22	19 J	21	<50 U	**92**	**99**	**1,100**	**430**	**89**	20 J	<100 UJ	**140**
Acrolein	107-02-8	5	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acrylonitrile	107-13-1	5	ug/l	<50 U	<25 U	<50 U	<20 U	<20 U	<20 U	<50 U	<12 U	<10 U	<50 U	<12 U	<50 U	<25 U	<100 U	<10 U
Benzene	71-43-2	**1**	ug/l	**420**	**160**	**160**	**240**	**160**	**170**	**100**	**100**	**110**	**150**	**100**	**120**	**130**	**150**	**36**
Bromobenzene	108-86-1	5	ug/l	<25 U	<12 U	<25 U	<10 U	<10 U	<10 U	<25 U	<6.2 U	<5 U	<25 U	<6.2 U	<25 U	<12 U	<50 U	<5 U
Bromochloromethane	74-97-5	5	ug/l	<25 U	<12 U	<25 U	<10 U	<10 U	<10 U	<25 U	<6.2 U	<5 U	<25 U	<6.2 U	<25 U	<12 U	<50 U	<5 U
Bromodichloromethane	75-27-4	50	ug/l	<5 U	<2.5 U	<5 U	<2 U	<2 U	<2 U	<5 U	<1.2 U	<1 U	<5 U	<1.2 U	<5 U	<2.5 U	<10 U	<1 U
Bromoform	75-25-2	50	ug/l	<20 U	<10 UJ	<20 UJ	<8 U	<8 U	<8 U	<20 U	<5 U	<4 U	<20 U	<5 U	<20 U	<10 U	<40 U	<4 U
Bromomethane	74-83-9	**5**	ug/l	<25 U	<12 U	<25 U	<10 U	<10 U	<10 U	<25 U	<6.2 U	<5 U	**230**	**11 J**	<25 U	<12 U	<50 U	2.4 J
Carbon Disulfide	75-15-0	60	ug/l	<50 U	<25 U	<50 U	<20 U	<20 U	<20 U	<50 U	<12 U	2.2 J	15 J	4.4 J	<50 U	<25 U	<100 U	<10 U
Carbon Tetrachloride	56-23-5	5	ug/l	<5 U	<2.5 U	<5 U	<2 U	<2 U	<2 U	<5 U	<1.2 U	<1 U	<5 U	<1.2 U	<5 U	<2.5 U	<10 U	<1 U
Chlorobenzene	108-90-7	**5**	ug/l	<25 U	<12 U	<25 U	<10 U	<10 U	<10 U	<25 U	<6.2 U	<5 U	<25 U	<6.2 U	<25 U	<12 U	<50 U	<5 U
Chloroethane	75-00-3	**5**	ug/l	<25 U	<12 U	<25 U	<10 U	<10 U	<10 U	<25 U	<6.2 U	<5 U	**37**	3.4 J	<25 U	<12 U	<50 U	<5 U
Chloroform	67-66-3	7	ug/l	<25 U	<12 U	<25 U	<10 U	<10 U	<10 U	<25 U	<6.2 U	<5 U	<25 U	<6.2 U	<25 U	<12 U	<50 U	<5 U
Chloromethane	74-87-3	**5**	ug/l	<25 U	<12 U	<25 U	<10 U	<10 U	<10 U	<25 U	<6.2 U	<5 U	**670**	**31**	<25 U	<12 U	<50 U	<5 U
Cis-1,2-Dichloroethene	156-59-2	5	ug/l	<25 U	<12 U	<25 U	<10 U	<10 U	<10 U	<25 U	<6.2 U	<5 U	<25 U	<6.2 U	<25 U	<12 U	<50 U	<5 U
Cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l	<5 U	<2.5 U	<5 U	<2 U	<2 U	<2 U	<5 U	<1.2 U	<1 U	<5 U	<1.2 U	<5 U	<2.5 U	<10 U	<1 U
Cyclohexane	110-82-7	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cymene	99-87-6	**5**	ug/l	<25 U	<12 U	<25 U	<10 U	<10 U	<10 U	<25 U	<6.2 U	<5 U	<25 U	<6.2 U	<25 U	<12 U	<50 U	<5 U
Dibromochloromethane	124-48-1	50	ug/l	<5 U	<2.5 U	<5 U	<2 U	<2 U	<2 U	<5 U	<1.2 U	<1 U	<5 U	<1.2 U	<5 U	<2.5 U	<10 U	<1 U
Dibromomethane	74-95-3	5	ug/l	<50 U	<25 U	<50 U	<20 U	<20 U	<20 U	<50 U	<12 U	<10 U	<50 U	<12 U	<50 U	<25 U	<100 U	<10 U
Dichlorodifluoromethane	75-71-8	5	ug/l	<50 U	<25 U	<50 U	<20 U	<20 U	<20 U	<50 U	<12 U	<10 U	<50 U	<12 U	<50 U	<25 U	<100 U	<10 U
Diethyl Ether (Ethyl Ether)	60-29-7	NS	ug/l	<25 U	<12 U	<25 U	<10 U	<10 U	<10 U	<25 U	<6.2 U	1.5 J	<25 U	2.3 J	<25 U	<12 U	<50 U	<5 U
Ethylbenzene	100-41-4	**5**	ug/l	**310**	**260**	**250**	**300**	**180**	**180**	**150**	**99**	**100**	**82**	**70**	**68**	**100**	**27 J**	**13**
Hexachlorobutadiene	87-68-3	**0.5**	ug/l	<25 U	<12 U	<25 U	<10 U	<10 U	<10 U	<25 U	<6.2 U	<5 U	<25 U	<6.2 U	<25 U	<12 U	<50 U	<5 U
Isopropylbenzene (Cumene)	98-82-8	**5**	ug/l	**16 J**	**16**	**13 J**	**15**	**13**	**13**	**11 J**	**7.5**	**7.8**	<25 U	4.3 J	<25 U	**5.6 J**	<50 U	1.4 J
M,P-Xylene	179601-23-1	**5**	ug/l	**1,100**	**930**	**900**	**1,300**	**380**	**380**	**420**	**340**	**370**	**230**	**240**	**98**	**21**	**35 J**	**41**
Methyl Acetate	79-20-9	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Ethyl Ketone (2-Butanone)	78-93-3	**50**	ug/l	**160 J**	<25 U	<50 U	9.3 J	<20 U	<20 U	<50 U	14	14	**170**	**51**	23 J	<25 U	<100 U	27 J
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	ug/l	97	13 J	13 J	20	14 J	15 J	<50 U	19	19	43 J	23	25 J	<25 U	<100 U	15
Methylcyclohexane	108-87-2	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	75-09-2	**5**	ug/l	<25 U	<12 U	<25 U	<10 U	<10 U	<10 U	<25 U	<6.2 U	<5 U	<25 U	2.2 J	<25 U	<12 U	<50 U	<5 U
n-Butylbenzene	104-51-8	**5**	ug/l	<25 U	3.5 J	<25 U	3.2 J	3.3 J	3.3 J	<25 U	2.9 J	3 J	<25 U	<6.2 U	<25 U	<12 U	<50 U	<5 U
n-Propylbenzene	103-65-1	**5**	ug/l	**45**	**43**	**40**	**41**	**38**	**39**	**34**	**22**	**22**	**16 J**	**14**	**9.8 J**	**17**	<50 U	1.6 J
o-Xylene (1,2-Dimethylbenzene)	95-47-6	**5**	ug/l	**570**	**470**	**460**	**66**	**88**	**88**	**100**	**100**	**110**	**120**	**110**	<25 U	<12 U	<50 U	**32**
p-Cymene (p-Isopropyltoluene)	CYMP	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sec-Butylbenzene	135-98-8	**5**	ug/l	<25 U	<12 U	<25 U	<10 U	<10 U	<10 U	<25 U	<6.2 U	2 J	<25 U	<6.2 U	<25 U	<12 U	<50 U	<5 U
Styrene	100-42-5	**5**	ug/l	**12 J**	**7.5 J**	**7.7 J**	<10 U	<10 U	<10 U	<25 U	2.2 J	2.2 J	<25 U	<6.2 U	<25 U	<12 U	<50 U	<5 U
T-Butylbenzene	98-06-6	5	ug/l	<25 U	<12 U	<25 U	<10 U	<10 U	<10 U	<25 U	<6.2 U	<5 U	<25 U	<6.2 U	<25 U	<12 U	<50 U	<5 U
Tert-Butyl Alcohol	75-65-0	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	**10**	ug/l	**1,100**	**280**	**310**	**520**	**580**	**600**	**300**	**300**	**300**	**340**	**240**	**200**	**180**	**2,800**	**500**
Tetrachloroethene (PCE)	127-18-4	5	ug/l	<5 U	<2.5 UJ	<5 UJ	<2 U	<2 U	<2 U	<5 U	<1.2 U	<1 U	<5 U	<1.2 U	<5 U	<2.5 U	<10 U	<1 U
Toluene	108-88-3	**5**	ug/l	**1,800**	**760**	**850**	**170**	**130**	**120**	**92**	**160**	**160**	**270**	**180**	**18 J**	<12 U	<50 U	**62**
Total 1,2-Dichloroethene (Cis and Trans)	540-59-0	NS	ug/l	<25 U	<12 U	<25 U	<10 U	<10 U	<10 U	<25 U	<6.2 U	<5 U	<25 U	<6.2 U	<25 U	<12 U	<50 U	<5 U
Total Xylenes	1330-20-7	**5**	ug/l	**1,700**	**1,400**	**1,400**	**1,400**	**470**	**470**	**520**	**440**	**480**	**350**	**350**	**98**	**21**	**35 J**	**73**
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	0.4	ug/l	<5 U	<2.5 U	<5 U	<2 U	<2 U	<2 U	<5 U	<1.2 U	<1 U	<5 U	<1.2 U	<5 U	<2.5 U	<10 U	<1 U
Trans-1,2-Dichloroethene	156-60-5	5	ug/l	<25 U	<12 U	<25 U	<10 U	<10 U	<10 U	<25 U	<6.2 U	<5 U	<25 U	<6.2 U	<25 U	<12 U	<50 U	<5 U
Trans-1,3-Dichloropropene	10061-02-6	0.4	ug/l	<5 U	<2.5 U	<5 U	<2 U	<2 U	<2 U	<5 U	<1.2 U	<1 U	<5 U	<1.2 U	<5 U	<2.5 U	<10 U	<1 U
Trans-1,4-Dichloro-2-Butene	110-57-6	5	ug/l	<25 U	<12 UJ	<25 UJ	<10 U	<10 U	<10 U	<25 U	<6.2 U	<5 U	<25 U	<6.2 U	<25 UJ	<12 U	<50 U	<5 U
Trichloroethene (TCE)	79-01-6	5	ug/l	<5 U	<2.5 U	<5 U	<2 U	<2 U	<2 U	<5 U	<1.2 U	<1 U	<5 U	<1.2 U	<5 U	<2.5 U	<10 U	<1 U
Trichlorofluoromethane	75-69-4	5	ug/l	<25 U	<12 U	<25 U	<10 U	<10 U	<10 U	<25 U	<6.2 U	<5 U	<25 U	<6.2 U	<25 U	<12 U	<50 U	<5 U
Vinyl Acetate	108-05-4	NS	ug/l	<50 U	<25 U	<50 U	<20 U	<20 U	<20 U	<50 U	<12 U	<10 U	<50 U	<12 U	<50 U	<25 U	<100 U	<10 U
Vinyl Chloride	75-01-4	2	ug/l	<10 U	<5 U	<10 U	<4 U	<4 U	<4 U	<10 U	<2.5 U	<2 U	<10 U	<2.5 U	<10 U	<5 U	<20 U	<2 U
Total BTEX	BTEX	NS	ug/l	4200	2580	2620	2076	938	938	862	799	850	852	700	304	251	212	184
Total VOCs	TOTALVOCS	NS	ug/l	7203	3849	3905.7	3645.5	2300.3	2338.3	1812	1748.6	1797.3	3651	1810.95	865.8	645.6	3029	923.6

Table 2
Quarterly Groundwater Monitoring Report - October 2025
Groundwater Sample Analytical Results

Willets Point Development
Queens, New York
NYSDEC BCP Site No.: C241146B, C241146D, C241146E and C241146H
Langan Project No.: 170197605

Analyte	CAS Number	NYSDEC SGVs	Location	C-RMW01	C-RMW01	C-RMW01	C-RMW01	C-RMW01	C-RMW01	C-RMW01	C-RMW01	C-RMW01	C-RMW01	D-MW201	D-MW201	D-MW201	D-MW201
			Sample Name	WDUP01_021623	C-RMW01_052223	C-RMW01_083023	C-RMW01_112823	C-RMW01_032524	C-RMW01_071624	C-RMW01_011325	C-RMW01_042225	C-RMW01_072425	C-RMW01_102125	D-MW201_080522	D-MW201_052323	D-MW201_083023	D-MW201_112923
			Sample Date	02/16/2023	05/22/2023	08/30/2023	11/28/2023	03/25/2024	07/16/2024	01/13/2025	04/22/2025	07/24/2025	10/21/2025	08/05/2022	05/23/2023	08/30/2023	11/29/2023
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds																	
1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	<6.2 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<12 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,1,1-Trichloroethane	71-55-6	5	ug/l	<6.2 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<12 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	<1.2 U	<0.5 UJ	<1 U	<0.5 U	<0.5 U	<0.5 U	<5 U	<2.5 U	<5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	79-00-5	1	ug/l	<3.8 U	<1.5 U	<3 U	<1.5 U	<1.5 U	<1.5 U	<15 U	<7.5 U	<15 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U
1,1-Dichloroethane	75-34-3	5	ug/l	<6.2 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<12 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,1-Dichloroethene	75-35-4	5	ug/l	<1.2 U	<0.5 U	<1 U	<0.5 U	<0.5 U	<0.5 U	<5 U	<2.5 U	<5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,1-Dichloropropene	563-58-6	5	ug/l	<6.2 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<12 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,2,3-Trichlorobenzene	87-61-6	5	ug/l	<6.2 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<12 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,2,3-Trichloropropane	96-18-4	0.04	ug/l	<6.2 U	<2.5 UJ	<5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<12 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,2,4,5-Tetramethylbenzene	95-93-2	**5**	ug/l	2.2 J	0.85 J	1.6 J	1 J	<2 U	0.79 J	<20 U	<10 U	<20 U	1 J	<2 U	<2 U	<2 U	<2 U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<6.2 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<12 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,2,4-Trimethylbenzene	95-63-6	**5**	ug/l	**19**	**9.2**	**20**	**11**	4.2	**8.5**	**9 J**	<12 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	ug/l	<6.2 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<12 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.0006	ug/l	<5 U	<2 U	<4 U	<2 U	<2 U	<2 U	<20 U	<10 U	<20 U	<2 U	<2 U	<2 U	<2 U	<2 U
1,2-Dichlorobenzene	95-50-1	**3**	ug/l	<6.2 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<12 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,2-Dichloroethane	107-06-2	**0.6**	ug/l	<1.2 U	<0.5 U	<1 U	<0.5 U	<0.5 U	<0.5 U	<5 U	<2.5 U	<5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,2-Dichloropropane	78-87-5	**1**	ug/l	<2.5 U	<1 U	<2 U	<1 U	<1 U	<1 U	<10 U	<5 U	<10 U	<1 U	<1 U	<1 U	<1 U	<1 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	**5**	ug/l	**8.7**	3.4	**6.5**	3.6	1.6 J	2.4 J	<25 U	<12 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,3-Dichlorobenzene	541-73-1	3	ug/l	<6.2 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<12 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,3-Dichloropropane	142-28-9	5	ug/l	<6.2 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<12 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,4-Dichlorobenzene	106-46-7	**3**	ug/l	<6.2 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<12 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,4-Diethyl Benzene	105-05-5	NS	ug/l	5.6	2.4	3.8 J	2.1	<2 U	<2 U	<20 U	<10 U	<20 U	<2 U	<2 U	<2 U	<2 U	<2 U
2,2-Dichloropropane	594-20-7	5	ug/l	<6.2 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<12 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
2-Chlorotoluene	95-49-8	5	ug/l	<6.2 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<12 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
2-Hexanone (MBK)	591-78-6	50	ug/l	<12 U	<5 UJ	<10 U	<5 U	<5 U	<5 U	<50 U	<25 U	<50 U	<5 U	<5 U	<5 U	<5 U	<5 U
4-Chlorotoluene	106-43-4	5	ug/l	<6.2 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<12 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
4-Ethyltoluene	622-96-8	NS	ug/l	13	6.2	12	5.9	1.5 J	3.9	<20 U	<10 U	<20 U	<2 U	<2 U	<2 U	<2 U	<2 U
Acetone	67-64-1	**50**	ug/l	**150**	13	5.9 J	3.2 J	9.9	2.1 J	<50 U	13 J	18 J	<5 U	1.5 J	<5 U	<5 U	<5 U
Acrolein	107-02-8	5	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acrylonitrile	107-13-1	5	ug/l	<12 U	<5 U	<10 U	<5 U	<5 U	<5 U	<50 U	<25 U	<50 U	<5 U	<5 U	<5 U	<5 U	<5 U
Benzene	71-43-2	**1**	ug/l	**35**	**14**	**28**	**15**	**3.9**	**9.7**	**19**	**16**	**20**	**19**	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Bromobenzene	108-86-1	5	ug/l	<6.2 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<12 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Bromochloromethane	74-97-5	5	ug/l	<6.2 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<12 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Bromodichloromethane	75-27-4	50	ug/l	<1.2 U	<0.5 U	<1 U	<0.5 U	<0.5 U	<0.5 U	<5 U	<2.5 U	<5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Bromoform	75-25-2	50	ug/l	<5 U	<2 UJ	<4 U	<2 U	<2 U	<2 U	<20 U	<10 U	<20 U	<2 U	<2 U	<2 U	<2 U	<2 U
Bromomethane	74-83-9	**5**	ug/l	<6.2 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<12 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Carbon Disulfide	75-15-0	60	ug/l	<12 U	<5 U	<10 U	<5 U	<5 U	<5 U	<50 U	<25 U	<50 U	<5 U	<5 U	<5 U	<5 U	<5 U
Carbon Tetrachloride	56-23-5	5	ug/l	<1.2 U	<0.5 U	<1 U	<0.5 U	<0.5 U	<0.5 U	<5 U	<2.5 U	<5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Chlorobenzene	108-90-7	**5**	ug/l	<6.2 U	0.78 J	2.5 J	1.6 J	<2.5 U	1.2 J	<25 U	<12 U	<25 U	1.5 J	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Chloroethane	75-00-3	**5**	ug/l	<6.2 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<12 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Chloroform	67-66-3	7	ug/l	<6.2 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<12 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Chloromethane	74-87-3	**5**	ug/l	<6.2 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<12 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Cis-1,2-Dichloroethene	156-59-2	5	ug/l	<6.2 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<12 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l	<1.2 U	<0.5 U	<1 U	<0.5 U	<0.5 U	<0.5 U	<5 U	<2.5 U	<5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Cyclohexane	110-82-7	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cymene	99-87-6	**5**	ug/l	<6.2 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<12 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Dibromochloromethane	124-48-1	50	ug/l	<1.2 U	<0.5 U	<1 U	<0.5 U	<0.5 U	<0.5 U	<5 U	<2.5 U	<5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Dibromomethane	74-95-3	5	ug/l	<12 U	<5 U	<10 U	<5 U	<5 U	<5 U	<50 U	<25 U	<50 U	<5 U	<5 U	<5 U	<5 U	<5 U
Dichlorodifluoromethane	75-71-8	5	ug/l	<12 U	<5 U	<10 U	<5 U	<5 U	<5 U	<50 U	<25 U	<50 U	<5 U	<5 U	<5 U	<5 U	<5 U
Diethyl Ether (Ethyl Ether)	60-29-7	NS	ug/l	<6.2 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<12 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Ethylbenzene	100-41-4	**5**	ug/l	**12**	**5.3**	**10**	**5.2**	1.5 J	3.6	<25 U	<12 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Hexachlorobutadiene	87-68-3	**0.5**	ug/l	<6.2 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<12 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Isopropylbenzene (Cumene)	98-82-8	**5**	ug/l	<6.2 U	<2.5 U	<5 U	0.75 J	<2.5 U	<2.5 U	<25 U	<12 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
M,P-Xylene	179601-23-1	**5**	ug/l	**42**	**16**	**30**	**13**	2.3 J	**6.6**	<25 U	<12 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Methyl Acetate	79-20-9	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Ethyl Ketone (2-Butanone)	78-93-3	**50**	ug/l	26 J	2.2 J	<10 U	<5 U	2.1 J	<5 U	<50 U	<25 U	<50 U	<5 U	<5 U	<5 U	<5 U	<5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	ug/l	16	1.9 J	2.8 J	<5 U	1 J	<5 U	<50 U	<25 U	<50 U	<5 U	<5 U	<5 U	<5 U	<5 U
Methylcyclohexane	108-87-2	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	75-09-2	**5**	ug/l	<6.2 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<12 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
n-Butylbenzene	104-51-8	**5**	ug/l	<6.2 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<12 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
n-Propylbenzene	103-65-1	**5**	ug/l	<6.2 U	0.95 J	1.9 J	0.98 J	<2.5 U	0.83 J	<25 U	<12 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	**5**	ug/l	**33**	**9.3**	1.9 J	0.87 J	<2.5 U	<2.5 U	<25 U	<12 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
p-Cymene (p-Isopropyltoluene)	CYMP	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sec-Butylbenzene	135-98-8	**5**	ug/l	<6.2 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<12 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Styrene	100-42-5	**5**	ug/l	<6.2 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<12 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
T-Butylbenzene	98-06-6	5	ug/l	<6.2 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<12 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Tert-Butyl Alcohol	75-65-0	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	**10**	ug/l	**500**	**150**	**260**	**130**	**31**	**93**	**600**	**660**	**890**	**760**	2.3 J	<2.5 U	1.3 J	<2.5 U
Tetrachloroethene (PCE)	127-18-4	5	ug/l	<1.2 U	<0.5 UJ	<1 U	<0.5 U	<0.5 U	<0.5 U	<5 U	<2.5 U	<5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Toluene	108-88-3	**5**	ug/l	**62**	3.8	4.4 J	0.91 J	<2.5 U	<2.5 U	<25 U	<12 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Total 1,2-Dichloroethene (Cis and Trans)	540-59-0	NS	ug/l	<6.2 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<12 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Total Xylenes	1330-20-7	**5**	ug/l	**75**	**25**	**32 J**	**14 J**	2.3 J	**6.6**	<25 U	<12 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	0.4	ug/l	<1.2 U	<0.5 U	<1 U	<0.5 U	<0.5 U	<0.5 U	<5 U	<2.5 U	<5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Trans-1,2-Dichloroethene	156-60-5	5	ug/l	<6.2 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<12 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Trans-1,3-Dichloropropene	10061-02-6	0.4	ug/l	<1.2 U	<0.5 U	<1 U	<0.5 U	<0.5 U	<0.5 U	<5 U	<2.5 U	<5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Trans-1,4-Dichloro-2-Butene	110-57-6	5	ug/l	<6.2 U	<2.5 UJ	<5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<12 U	<25 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Trichloroethene (TCE)	79-01-6	5	ug/l	<1.2 U	<0.5 U	<1 U	<0.5 U	<0.5 U	<0.5 U	<5 U	<2.5 U	<5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Trichlorofluoromethane	75-69-4	5	ug/l	<6.2 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<25 U	<12 U	<25 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Vinyl Acetate	108-05-4	NS	ug/l	<12 U	<5 U	<10 U	<5 U	<5 U	<5 U	<50 U	<25 U	<50 U	<5 U	<5 U	<5 U	<5 U	<5 U
Vinyl Chloride	75-01-4	2	ug/l	<2.5 U	<1 U	<2 U	<1 U	<1 U	<1 U	<10 U	<5 U	<10 U	<1 U	<1 U	<1 U	<1 U	<1 U
Total BTEX	BTEX	NS	ug/l	184	48.4	74.3	34.98	7.7	19.9	19	16	20	19	ND	ND	ND	ND
Total VOCs	TOTALVOCS	NS	ug/l	927.1	239.28	391.3	195.11	59	132.62	628	689	928	782.34	5.2	ND	1.3	ND

Table 2
Quarterly Groundwater Monitoring Report - October 2025
Groundwater Sample Analytical Results

Willets Point Development
Queens, New York
NYSDEC BCP Site No.: C241146B, C241146D, C241146E and C241146H
Langan Project No.: 170197605

Analyte	CAS Number	NYSDEC SGVs	Location	E-MW01	E-MW01	E-MW01	E-MW01	E-MW01	E-MW01	E-MW01	E-MW01	E-MW01	E-MW01	E-RW105	E-RW105	E-RW105	E-RW105	E-RW105
			Sample Name	E-MW01_080522	E-MW01_052323	E-MW01_082923	E-MW01_112923	E-MW01_032524	GWDUP01_032524	E-MW01_071524	E-MW01_011425	GWDUP01_011425	E-MW01_042125	E-RW105_062723	E-RW105_122723	E-RW105_040524	E-RW105_071624	DUP01_071624
			Sample Date	08/05/2022	05/23/2023	08/29/2023	11/29/2023	03/25/2024	03/25/2024	07/15/2024	01/14/2025	01/14/2025	04/21/2025	06/27/2023	12/27/2023	04/05/2024	07/16/2024	07/16/2024
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds																		
1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	<10 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<6.2 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,1,1-Trichloroethane	71-55-6	5	ug/l	<10 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<6.2 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	<2 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 UJ	<0.5 UJ	<1.2 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,1,2-Trichloroethane	79-00-5	1	ug/l	<6 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 UJ	<1.5 UJ	<3.8 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,1-Dichloroethane	75-34-3	5	ug/l	<10 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<6.2 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,1-Dichloroethene	75-35-4	5	ug/l	<2 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 UJ	<0.5 UJ	<1.2 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,1-Dichloropropene	563-58-6	5	ug/l	<10 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<6.2 U	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	87-61-6	5	ug/l	<10 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<6.2 U	<0.5 U	<0.5 U	<0.5 UJ	<0.5 U	0.44 J
1,2,3-Trichloropropane	96-18-4	0.04	ug/l	<10 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<6.2 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,2,4,5-Tetramethylbenzene	95-93-2	**5**	ug/l	**9.9**	<2 U	**11**	1.5 J	<2 U	<2 U	**7.7**	1.4 J	0.76 J	3.6 J	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<10 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<6.2 U	<0.5 U	<0.5 UJ	<0.5 UJ	<0.5 U	<0.5 U
1,2,4-Trimethylbenzene	95-63-6	**5**	ug/l	**6.6 J**	<2.5 U	0.95 J	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<6.2 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	ug/l	<10 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<6.2 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.0006	ug/l	<8 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 UJ	<5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,2-Dichlorobenzene	95-50-1	**3**	ug/l	<10 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<6.2 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,2-Dichloroethane	107-06-2	**0.6**	ug/l	<2 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 UJ	<0.5 UJ	<1.2 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,2-Dichloropropane	78-87-5	**1**	ug/l	<4 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 UJ	<1 UJ	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	**5**	ug/l	<10 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<6.2 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,3-Dichlorobenzene	541-73-1	3	ug/l	<10 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<6.2 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,3-Dichloropropane	142-28-9	5	ug/l	<10 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<6.2 U	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	106-46-7	**3**	ug/l	<10 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<6.2 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,4-Diethyl Benzene	105-05-5	NS	ug/l	<8 U	<2 U	1.4 J	<2 U	<2 U	<2 U	1.4 J	<2 UJ	<2 UJ	<5 U	NA	NA	NA	NA	NA
2,2-Dichloropropane	594-20-7	5	ug/l	<10 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<6.2 U	NA	NA	NA	NA	NA
2-Chlorotoluene	95-49-8	5	ug/l	<10 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<6.2 U	NA	NA	NA	NA	NA
2-Hexanone (MBK)	591-78-6	50	ug/l	<20 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 UJ	<12 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
4-Chlorotoluene	106-43-4	5	ug/l	<10 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<6.2 U	NA	NA	NA	NA	NA
4-Ethyltoluene	622-96-8	NS	ug/l	3.4 J	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 UJ	<5 U	NA	NA	NA	NA	NA
Acetone	67-64-1	**50**	ug/l	**67 J**	2.4 J	<5 U	<5 U	44	46	4.2 J	7.9 J	5.2 J	6.2 J	<2.42 U	<2 U	<2.82 U	<2.25 U	<2.56 U
Acrolein	107-02-8	5	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Acrylonitrile	107-13-1	5	ug/l	<20 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 UJ	<12 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Benzene	71-43-2	**1**	ug/l	**11**	<0.5 U	**5.8**	0.31 J	<0.5 U	<0.5 U	**7**	**4.6 J**	**1.6 J**	**13**	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Bromobenzene	108-86-1	5	ug/l	<10 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<6.2 U	NA	NA	NA	NA	NA
Bromochloromethane	74-97-5	5	ug/l	<10 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<6.2 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Bromodichloromethane	75-27-4	50	ug/l	<2 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 UJ	<0.5 UJ	<1.2 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Bromoform	75-25-2	50	ug/l	<8 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 UJ	<5 U	<0.5 U	<0.5 U	<0.5 UJ	<0.5 U	<0.5 U
Bromomethane	74-83-9	**5**	ug/l	3 J	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<6.2 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Carbon Disulfide	75-15-0	60	ug/l	<20 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 UJ	<12 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Carbon Tetrachloride	56-23-5	5	ug/l	<2 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 UJ	<0.5 UJ	<1.2 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Chlorobenzene	108-90-7	**5**	ug/l	<10 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<6.2 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Chloroethane	75-00-3	**5**	ug/l	<10 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<6.2 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Chloroform	67-66-3	7	ug/l	<10 U	<2.5 U	<2.5 U	1.1 J	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<6.2 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Chloromethane	74-87-3	**5**	ug/l	<10 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<6.2 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Cis-1,2-Dichloroethene	156-59-2	5	ug/l	<10 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<6.2 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l	<2 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 UJ	<0.5 UJ	<1.2 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Cyclohexane	110-82-7	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 U	<0.5 U
Cymene	99-87-6	**5**	ug/l	<10 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<6.2 U	NA	NA	NA	NA	NA
Dibromochloromethane	124-48-1	50	ug/l	<2 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 UJ	<0.5 UJ	<1.2 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Dibromomethane	74-95-3	5	ug/l	<20 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 UJ	<12 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Dichlorodifluoromethane	75-71-8	5	ug/l	<20 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 UJ	<12 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Diethyl Ether (Ethyl Ether)	60-29-7	NS	ug/l	<10 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<6.2 U	NA	NA	NA	NA	NA
Ethylbenzene	100-41-4	**5**	ug/l	3.8 J	<2.5 U	1.2 J	<2.5 U	<2.5 U	<2.5 U	1.4 J	<2.5 UJ	<2.5 UJ	<6.2 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Hexachlorobutadiene	87-68-3	**0.5**	ug/l	<10 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<6.2 U	<0.5 U	<0.5 U	<0.5 UJ	<0.5 UJ	**1.54 J**
Isopropylbenzene (Cumene)	98-82-8	**5**	ug/l	3.6 J	<2.5 U	0.72 J	<2.5 U	<2.5 U	<2.5 U	0.73 J	<2.5 UJ	<2.5 UJ	<6.2 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
M,P-Xylene	179601-23-1	**5**	ug/l	**7.2 J**	<2.5 U	1.3 J	<2.5 U	<2.5 U	<2.5 U	0.72 J	<2.5 UJ	<2.5 UJ	<6.2 U	<1 U	<1 U	<1 U	<1 U	<1 U
Methyl Acetate	79-20-9	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	**50**	ug/l	<20 U	<5 U	<5 U	<5 U	5	4.6 J	<5 U	2.5 J	<5 UJ	8 J	1.4	<0.5 U	0.71	<0.5 U	<0.5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	ug/l	<20 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 UJ	<12 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Methylcyclohexane	108-87-2	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Methylene Chloride	75-09-2	**5**	ug/l	<10 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<6.2 U	<2 U	<2 U	<2 U	<2 U	<2 U
n-Butylbenzene	104-51-8	**5**	ug/l	<10 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<6.2 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
n-Propylbenzene	103-65-1	**5**	ug/l	**7.4 J**	<2.5 U	0.94 J	<2.5 U	<2.5 U	<2.5 U	0.9 J	<2.5 UJ	<2.5 UJ	<6.2 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	**5**	ug/l	<10 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<6.2 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
p-Cymene (p-Isopropyltoluene)	CYMP	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Sec-Butylbenzene	135-98-8	**5**	ug/l	<10 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<6.2 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Styrene	100-42-5	**5**	ug/l	<10 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<6.2 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
T-Butylbenzene	98-06-6	5	ug/l	<10 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<6.2 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Tert-Butyl Alcohol	75-65-0	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1 U	<1 U	<1 UJ	<1 U	<1 U
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	**10**	ug/l	**70**	<2.5 U	**14**	0.78 J	<2.5 U	<2.5 U	9.8	**12 J**	3.3 J	**23**	0.67	0.39 J	<0.5 U	<0.5 U	<0.5 U
Tetrachloroethene (PCE)	127-18-4	5	ug/l	<2 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 UJ	<0.5 UJ	<1.2 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Toluene	108-88-3	**5**	ug/l	<10 U	<2.5 U	0.87 J	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<6.2 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Total 1,2-Dichloroethene (Cis and Trans)	540-59-0	NS	ug/l	<10 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<6.2 U	NA	NA	NA	NA	NA
Total Xylenes	1330-20-7	**5**	ug/l	**7.2 J**	<2.5 U	1.3 J	<2.5 U	<2.5 U	<2.5 U	0.72 J	<2.5 UJ	<2.5 UJ	<6.2 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	0.4	ug/l	<2 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 UJ	<0.5 UJ	<1.2 U	NA	NA	NA	NA	NA
Trans-1,2-Dichloroethene	156-60-5	5	ug/l	<10 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<6.2 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Trans-1,3-Dichloropropene	10061-02-6	0.4	ug/l	<2 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 UJ	<0.5 UJ	<1.2 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Trans-1,4-Dichloro-2-Butene	110-57-6	5	ug/l	<10 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<6.2 U	NA	NA	NA	NA	NA
Trichloroethene (TCE)	79-01-6	5	ug/l	<2 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 UJ	<0.5 UJ	<1.2 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Trichlorofluoromethane	75-69-4	5	ug/l	<10 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<6.2 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Vinyl Acetate	108-05-4	NS	ug/l	<20 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 UJ	<12 U	NA	NA	NA	NA	NA
Vinyl Chloride	75-01-4	2	ug/l	<4 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 UJ	<1 UJ	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Total BTEX	BTEX	NS	ug/l	22	ND	9.17	0.31	ND	ND	9.12	4.6	1.6	13	ND	ND	ND	ND	ND
Total VOCs	TOTALVOCS	NS	ug/l	632.9	2.4	38.18	3.69	49	50.6	33.85	32.2	12.66	233.8	2.07	0.39	0.71	ND	1.98

Table 2
Quarterly Groundwater Monitoring Report - October 2025
Groundwater Sample Analytical Results

Willets Point Development
Queens, New York
NYSDEC BCP Site No.: C241146B, C241146D, C241146E and C241146H
Langan Project No.: 170197605

Analyte	CAS Number	NYSDEC SGVs	Location	E-RW105	E-RW105	E-RW105	E-RW105	E-RW105	E-RW202	E-RW202	E-RW202	E-RW202	E-RW202	E-RW202	E-RW202	E-RW202	I-MW101	I-MW101
			Sample Name	E-RW105_011525	E-RW105_042125	DUP01_042125	E-RW105_072425	E-RW105_102125	E-RW202_062623	E-RW202_092723	E-RW202_122723	GWDUP01_122723	E-RW202_040524	E-RW202_071624	E-RW202_011525	DUP01_011525	I-MW101_062623	I-MW101_092823
			Sample Date	01/15/2025	04/21/2025	04/21/2025	07/24/2025	10/21/2025	06/26/2023	09/27/2023	12/27/2023	12/27/2023	04/05/2024	07/16/2024	01/15/2025	01/15/2025	06/26/2023	09/28/2023
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds																		
1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	<0.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,1,1-Trichloroethane	71-55-6	5	ug/l	<0.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5	ug/l	<0.5 U	NA	NA	NA	NA	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,1,2-Trichloroethane	79-00-5	1	ug/l	<0.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,1-Dichloroethane	75-34-3	5	ug/l	<0.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,1-Dichloroethene	75-35-4	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,1-Dichloropropene	563-58-6	5	ug/l	NA	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	87-61-6	5	ug/l	<0.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 UJ	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,2,3-Trichloropropane	96-18-4	0.04	ug/l	<0.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,2,4,5-Tetramethylbenzene	95-93-2	**5**	ug/l	NA	<2 U	<2 U	<2 U	<2 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<0.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 UJ	<0.5 UJ	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	0.72 J
1,2,4-Trimethylbenzene	95-63-6	**5**	ug/l	<0.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	ug/l	<0.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.0006	ug/l	<0.5 U	<2 U	<2 U	<2 U	<2 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,2-Dichlorobenzene	95-50-1	**3**	ug/l	<0.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	1.65 J
1,2-Dichloroethane	107-06-2	**0.6**	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,2-Dichloropropane	78-87-5	**1**	ug/l	<0.5 U	<1 U	<1 U	<1 U	<1 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	**5**	ug/l	<0.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,3-Dichlorobenzene	541-73-1	3	ug/l	<0.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,3-Dichloropropane	142-28-9	5	ug/l	NA	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	106-46-7	**3**	ug/l	<0.5 U	<2.5 U	<2.5 U	<2.5 U	2.2 J	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,4-Diethyl Benzene	105-05-5	NS	ug/l	NA	<2 U	<2 U	<2 U	<2 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,2-Dichloropropane	594-20-7	5	ug/l	NA	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	95-49-8	5	ug/l	NA	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone (MBK)	591-78-6	50	ug/l	<0.5 U	<5 U	<5 U	<5 U	<5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	1.15 J
4-Chlorotoluene	106-43-4	5	ug/l	NA	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Ethyltoluene	622-96-8	NS	ug/l	NA	<2 U	<2 U	<2 U	<2 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	67-64-1	**50**	ug/l	**105 J**	2 J	2.2 J	6.9	3.9 J	<2 U	<2 U	1.91 J	1.71 J	<2.48 U	<2 U	<2.24 U	<2.77 U	<2.02 U	4.61 J
Acrolein	107-02-8	5	ug/l	<0.5 UJ	NA	NA	NA	NA	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 UJ	<0.5 UJ	<0.5 U	<0.5 U
Acrylonitrile	107-13-1	5	ug/l	<0.5 U	<5 U	<5 U	<5 U	<5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Benzene	71-43-2	**1**	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	0.23 J	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	0.3 J	0.43 J
Bromobenzene	108-86-1	5	ug/l	NA	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromochloromethane	74-97-5	5	ug/l	<0.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Bromodichloromethane	75-27-4	50	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Bromoform	75-25-2	50	ug/l	<0.5 U	<2 U	<2 U	<2 U	<2 U	<0.5 U	<0.5 UJ	<0.5 U	<0.5 U	<0.5 UJ	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 UJ
Bromomethane	74-83-9	**5**	ug/l	<0.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<0.5 U	<0.5 UJ	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	0.15 J	<0.5 U
Carbon Disulfide	75-15-0	60	ug/l	<0.5 U	<5 U	<5 U	<5 U	<5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Carbon Tetrachloride	56-23-5	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Chlorobenzene	108-90-7	**5**	ug/l	<0.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Chloroethane	75-00-3	**5**	ug/l	<0.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Chloroform	67-66-3	7	ug/l	<0.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	0.35 J	<0.5 U
Chloromethane	74-87-3	**5**	ug/l	<0.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Cis-1,2-Dichloroethene	156-59-2	5	ug/l	<0.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	0.76
Cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Cyclohexane	110-82-7	NS	ug/l	<0.5 UJ	NA	NA	NA	NA	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 U	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ
Cymene	99-87-6	**5**	ug/l	<0.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	NA	NA	NA	NA	NA	<0.5 U	<0.5 U	NA	NA
Dibromochloromethane	124-48-1	50	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Dibromomethane	74-95-3	5	ug/l	<0.5 U	<5 U	<5 U	<5 U	<5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Dichlorodifluoromethane	75-71-8	5	ug/l	<0.5 U	<5 U	<5 U	<5 U	<5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Diethyl Ether (Ethyl Ether)	60-29-7	NS	ug/l	NA	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	100-41-4	**5**	ug/l	<0.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Hexachlorobutadiene	87-68-3	**0.5**	ug/l	<0.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Isopropylbenzene (Cumene)	98-82-8	**5**	ug/l	<0.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
M,P-Xylene	179601-23-1	**5**	ug/l	<1 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U
Methyl Acetate	79-20-9	NS	ug/l	<0.5 U	NA	NA	NA	NA	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	**50**	ug/l	5.58	7.3	7.4	<5 U	<5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	7.23 J
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	ug/l	<0.5 U	<5 U	<5 U	<5 U	<5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Methylcyclohexane	108-87-2	NS	ug/l	<0.5 U	NA	NA	NA	NA	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Methylene Chloride	75-09-2	**5**	ug/l	<2 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
n-Butylbenzene	104-51-8	**5**	ug/l	<0.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
n-Propylbenzene	103-65-1	**5**	ug/l	<0.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	**5**	ug/l	<0.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
p-Cymene (p-Isopropyltoluene)	CYMP	NS	ug/l	NA	NA	NA	NA	NA	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	NA	<0.5 U	<0.5 U
Sec-Butylbenzene	135-98-8	**5**	ug/l	<0.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Styrene	100-42-5	**5**	ug/l	<0.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
T-Butylbenzene	98-06-6	5	ug/l	<0.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Tert-Butyl Alcohol	75-65-0	NS	ug/l	<1 U	NA	NA	NA	NA	<1 U	<1 U	<1 U	<1 U	<1 UJ	<1 U	<1 U	<1 U	<1 U	12.6
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	**10**	ug/l	<0.5 U	<2.5 U	<2.5 U	0.37 J	0.24 J	0.65	<0.5 U	0.56	0.57	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Tetrachloroethene (PCE)	127-18-4	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 UJ	0.29 J	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Toluene	108-88-3	**5**	ug/l	<0.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Total 1,2-Dichloroethene (Cis and Trans)	540-59-0	NS	ug/l	NA	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Xylenes	1330-20-7	**5**	ug/l	<1.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	0.4	ug/l	NA	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trans-1,2-Dichloroethene	156-60-5	5	ug/l	<0.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Trans-1,3-Dichloropropene	10061-02-6	0.4	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Trans-1,4-Dichloro-2-Butene	110-57-6	5	ug/l	NA	<2.5 U	<2.5 U	<2.5 UJ	<2.5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene (TCE)	79-01-6	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Trichlorofluoromethane	75-69-4	5	ug/l	<0.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Vinyl Acetate	108-05-4	NS	ug/l	NA	<5 U	<5 U	<5 U	<5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl Chloride	75-01-4	2	ug/l	<0.5 U	<1 U	<1 U	<1 U	0.22 J	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Total BTEX	BTEX	NS	ug/l	ND	ND	ND	ND	0.23	ND	ND	ND	ND	ND	ND	ND	ND	0.3	0.43
Total VOCs	TOTALVOCS	NS	ug/l	110.58	9.3	9.6	7.27	6.79	0.65	#N/A	2.47	2.28	ND	0.29	#N/A	#N/A	0.8	29.15

Table 2
Quarterly Groundwater Monitoring Report - October 2025
Groundwater Sample Analytical Results

Willets Point Development
Queens, New York
NYSDEC BCP Site No.: C241146B, C241146D, C241146E and C241146H
Langan Project No.: 170197605

Analyte	CAS Number	NYSDEC SGVs	Location	I-MW101	I-MW101	I-MW101	I-MW101	J-MW117	J-MW117	J-MW117	J-MW117	J-MW117	J-MW117	J-MW117	J-MW117	J-MW117	J-MW117	J-MW117
			Sample Name	GWDUP01_092823	I-MW101_122823	I-MW101_040424	I-MW101_071524	J-MW117_062623	GWDUP01_062623	J-MW117_112923	J-MW117_122823	J-MW117_040824	GWDUP01_040824	J-MW117_071524	J-MW117_011625	J-MW117_042125	J-MW117_072325	J-MW117_102125
			Sample Date	09/28/2023	12/27/2023	04/04/2024	07/15/2024	06/26/2023	06/26/2023	11/29/2023	12/27/2023	04/08/2024	04/08/2024	07/15/2024	01/16/2025	04/21/2025	07/23/2025	10/21/2025
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds																		
1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<50 U	<2.5 UJ	<2.5 U
1,1,1-Trichloroethane	71-55-6	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<50 U	<2.5 UJ	<2.5 U
1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<10 U	<0.5 UJ	<0.5 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	NA	NA
1,1,2-Trichloroethane	79-00-5	1	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<1.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<30 U	<1.5 UJ	<1.5 U
1,1-Dichloroethane	75-34-3	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<50 U	<2.5 UJ	<2.5 U
1,1-Dichloroethene	75-35-4	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<10 U	<0.5 UJ	<0.5 U
1,1-Dichloropropene	563-58-6	5	ug/l	NA	NA	NA	NA	NA	NA	<2.5 U	NA	NA	NA	NA	NA	<50 U	<2.5 UJ	<2.5 U
1,2,3-Trichlorobenzene	87-61-6	5	ug/l	<0.5 U	<0.5 U	<0.5 UJ	<0.5 UJ	<0.5 U	<0.5 U	<2.5 U	<0.5 U	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 U	<50 U	<2.5 UJ	<2.5 U
1,2,3-Trichloropropane	96-18-4	0.04	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<50 U	<2.5 UJ	<2.5 U
1,2,4,5-Tetramethylbenzene	95-93-2	**5**	ug/l	NA	NA	NA	NA	NA	NA	**11**	NA	NA	NA	NA	NA	<40 U	**8.1 J**	**6.4**
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<50 U	<2.5 UJ	<2.5 U
1,2,4-Trimethylbenzene	95-63-6	**5**	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	**36.3**	**30.9**	**54**	**35**	**38.1**	**33.8**	**29.4**	**28.7**	**26 J**	**40 J**	**33**
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<50 U	<2.5 UJ	<2.5 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.0006	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<2 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<40 U	<2 UJ	<2 U
1,2-Dichlorobenzene	95-50-1	**3**	ug/l	0.42 J	<0.5 U	<0.5 U	<0.5 U	0.42 J	0.41 J	<2.5 U	0.38 J	0.37 J	0.34 J	0.44 J	0.37 J	<50 U	<2.5 UJ	<2.5 U
1,2-Dichloroethane	107-06-2	**0.6**	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<10 U	<0.5 UJ	<0.5 U
1,2-Dichloropropane	78-87-5	**1**	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<1 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<20 U	<1 UJ	<1 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	**5**	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	**8.33**	**7.12**	**12**	**7.3**	**8.19**	**7.04**	4.87	**5.92**	<50 U	**6.7 J**	**7.2**
1,3-Dichlorobenzene	541-73-1	3	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	0.31 J	0.31 J	<2.5 U	0.34 J	0.36 J	0.35 J	0.43 J	0.37 J	<50 U	<2.5 UJ	<2.5 U
1,3-Dichloropropane	142-28-9	5	ug/l	NA	NA	NA	NA	NA	NA	<2.5 U	NA	NA	NA	NA	NA	<50 U	<2.5 UJ	<2.5 U
1,4-Dichlorobenzene	106-46-7	**3**	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	0.65	0.64	0.98 J	0.73	0.73	0.73	0.92	0.75	<50 U	0.84 J	<2.5 U
1,4-Diethyl Benzene	105-05-5	NS	ug/l	NA	NA	NA	NA	NA	NA	2.1	NA	NA	NA	NA	NA	<40 U	1.6 J	1.4 J
2,2-Dichloropropane	594-20-7	5	ug/l	NA	NA	NA	NA	NA	NA	<2.5 U	NA	NA	NA	NA	NA	<50 U	<2.5 UJ	<2.5 U
2-Chlorotoluene	95-49-8	5	ug/l	NA	NA	NA	NA	NA	NA	<2.5 U	NA	NA	NA	NA	NA	<50 U	<2.5 UJ	<2.5 U
2-Hexanone (MBK)	591-78-6	50	ug/l	<0.5 UJ	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<100 U	<5 UJ	<5 U
4-Chlorotoluene	106-43-4	5	ug/l	NA	NA	NA	NA	NA	NA	<2.5 U	NA	NA	NA	NA	NA	<50 U	<2.5 UJ	<2.5 U
4-Ethyltoluene	622-96-8	NS	ug/l	NA	NA	NA	NA	NA	NA	21	NA	NA	NA	NA	NA	<40 U	13 J	13
Acetone	67-64-1	**50**	ug/l	2.95 J	3.99	4.52 J	<2 U	13.5 J	<12.8 U	4.2 J	21.5	8.5 J	9.3 J	14.3	<8.13 U	30 J	13 J	27
Acrolein	107-02-8	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 UJ	NA	NA	NA
Acrylonitrile	107-13-1	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<100 U	<5 UJ	<5 U
Benzene	71-43-2	**1**	ug/l	0.53	<0.5 U	<0.5 U	<0.5 U	**73.6**	**72.2**	**72**	**66.8**	**43.7**	**46**	**61.9**	**47.1**	**53**	**53 J**	**49**
Bromobenzene	108-86-1	5	ug/l	NA	NA	NA	NA	NA	NA	<2.5 U	NA	NA	NA	NA	NA	<50 U	<2.5 UJ	<2.5 U
Bromochloromethane	74-97-5	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<50 U	<2.5 UJ	<2.5 U
Bromodichloromethane	75-27-4	50	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<10 U	<0.5 UJ	<0.5 U
Bromoform	75-25-2	50	ug/l	<0.5 UJ	<0.5 U	<0.5 UJ	<0.5 UJ	<0.5 U	<0.5 U	<2 U	<0.5 U	<0.5 UJ	<0.5 UJ	0.35 J	<0.5 U	<40 U	<2 UJ	<2 U
Bromomethane	74-83-9	**5**	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<50 U	<2.5 UJ	<2.5 U
Carbon Disulfide	75-15-0	60	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	2.28	2.28	1.8 J	0.52	0.54	0.5	0.4 J	<0.5 U	<100 U	<5 UJ	<5 U
Carbon Tetrachloride	56-23-5	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<10 U	<0.5 UJ	<0.5 U
Chlorobenzene	108-90-7	**5**	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<50 U	<2.5 UJ	<2.5 U
Chloroethane	75-00-3	**5**	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<50 U	<2.5 UJ	<2.5 U
Chloroform	67-66-3	7	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<50 U	<2.5 UJ	<2.5 U
Chloromethane	74-87-3	**5**	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<50 U	<2.5 UJ	<2.5 U
Cis-1,2-Dichloroethene	156-59-2	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	0.35 J	0.32 J	<2.5 U	0.39 J	0.32 J	0.33 J	0.37 J	<0.5 U	<50 U	<2.5 UJ	<2.5 U
Cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<10 U	<0.5 UJ	<0.5 U
Cyclohexane	110-82-7	NS	ug/l	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	2.03 J	2.07 J	NA	1.83 J	2.1 UJ	2.15 UJ	2.4 J	1.81 J	NA	NA	NA
Cymene	99-87-6	**5**	ug/l	NA	NA	NA	NA	NA	NA	4.6	NA	NA	NA	NA	2.16	<50 U	2.8 J	2.4 J
Dibromochloromethane	124-48-1	50	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<10 U	<0.5 UJ	<0.5 U
Dibromomethane	74-95-3	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<100 U	<5 UJ	<5 U
Dichlorodifluoromethane	75-71-8	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<100 U	<5 UJ	<5 U
Diethyl Ether (Ethyl Ether)	60-29-7	NS	ug/l	NA	NA	NA	NA	NA	NA	3	NA	NA	NA	NA	NA	<50 U	1.5 J	1.4 J
Ethylbenzene	100-41-4	**5**	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	**21.3**	**18.6**	**24**	**18.2**	**18.8**	**17.7**	**19.2**	**14.5**	**14 J**	**16 J**	**16**
Hexachlorobutadiene	87-68-3	**0.5**	ug/l	<0.5 U	<0.5 U	<0.5 UJ	<0.5 U	<0.5 U	<0.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<50 U	<2.5 UJ	<2.5 U
Isopropylbenzene (Cumene)	98-82-8	**5**	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	**11.2**	**11.5**	**12**	**8.53**	**8.99**	**8.74**	**11.3**	**8.81**	<50 U	**9.3 J**	**7.3**
M,P-Xylene	179601-23-1	**5**	ug/l	<1 U	<1 U	<1 U	<1 U	**48.9**	**40.8**	**57**	**38.1**	**41**	**36.6**	**28.7**	**28.1**	**26 J**	**34 J**	**36**
Methyl Acetate	79-20-9	NS	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	NA	NA
Methyl Ethyl Ketone (2-Butanone)	78-93-3	**50**	ug/l	1.57 J	<0.5 U	<0.5 U	<0.5 U	2.72	2.58	<5 U	2.44	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<100 U	1.9 J	<5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	3.14 J	2.21 J	<5 U	0.95	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<100 U	<5 UJ	<5 U
Methylcyclohexane	108-87-2	NS	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	3.75	3.62	NA	3.13	3.88	3.62	5	3.46	NA	NA	NA
Methylene Chloride	75-09-2	**5**	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2.5 U	<2 U	<2 U	<2 U	<2 U	<2 U	<50 U	<2.5 UJ	<2.5 U
n-Butylbenzene	104-51-8	**5**	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	3.08	2.85	2.7	2.11	2.57 J	1.61 J	3.46	2	<50 U	1.8 J	1.4 J
n-Propylbenzene	103-65-1	**5**	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	**23.6**	**23.7**	**25**	**16.5**	**18.7**	**17.7**	**25.6**	**17.1**	**17 J**	**19 J**	**14**
o-Xylene (1,2-Dimethylbenzene)	95-47-6	**5**	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	**27.6**	**23.8**	**33**	**21.9**	**22.9**	**20.5**	**18.4**	**19.4**	**16 J**	**21 J**	**22**
p-Cymene (p-Isopropyltoluene)	CYMP	NS	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	2.61	2.46	NA	2.76	3.26	2.75	1.79	NA	NA	NA	NA
Sec-Butylbenzene	135-98-8	**5**	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	1.53	1.45	1.7 J	1.17	1.38	1.26	1.75	1.23	<50 U	1.3 J	1.1 J
Styrene	100-42-5	**5**	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	0.76 J	<0.5 U	<0.5 U	<0.5 U	1.05	<0.5 U	<50 U	<2.5 UJ	<2.5 U
T-Butylbenzene	98-06-6	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<50 U	<2.5 UJ	<2.5 U
Tert-Butyl Alcohol	75-65-0	NS	ug/l	11	4.3	<1 U	<1 UJ	94.9	91.5	NA	139	<1 UJ	<1 UJ	<1 UJ	105	NA	NA	NA
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	**10**	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	**135**	**128**	**160**	**122**	**115**	**112**	**93**	**95.8**	**85**	**87 J**	**100**
Tetrachloroethene (PCE)	127-18-4	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 UJ	<0.5 UJ	<0.5 U	<0.5 U	<10 U	<0.5 UJ	<0.5 U
Toluene	108-88-3	**5**	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	**12.8**	**11.4**	**8.7**	**5.27**	3.95	3.64	3.43	1.85	<50 U	2.1 J	2.1 J
Total 1,2-Dichloroethene (Cis and Trans)	540-59-0	NS	ug/l	NA	NA	NA	NA	NA	NA	<2.5 U	NA	NA	NA	NA	NA	<50 U	<2.5 UJ	<2.5 U
Total Xylenes	1330-20-7	**5**	ug/l	<1.5 U	<1.5 U	<1.5 U	<1.5 U	**76.5**	**64.6**	**90**	**60**	**63.8**	**57.1**	**47.1**	**47.4**	**42 J**	**55 J**	**58**
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	0.4	ug/l	NA	NA	NA	NA	NA	NA	<0.5 U	NA	NA	NA	NA	NA	<10 U	<0.5 UJ	<0.5 U
Trans-1,2-Dichloroethene	156-60-5	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<50 U	<2.5 UJ	<2.5 U
Trans-1,3-Dichloropropene	10061-02-6	0.4	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<10 U	<0.5 UJ	<0.5 U
Trans-1,4-Dichloro-2-Butene	110-57-6	5	ug/l	NA	NA	NA	NA	NA	NA	<2.5 U	NA	NA	NA	NA	NA	<50 U	<2.5 UJ	<2.5 U
Trichloroethene (TCE)	79-01-6	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	0.25 J	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<10 U	<0.5 UJ	<0.5 U
Trichlorofluoromethane	75-69-4	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<50 U	<2.5 UJ	<2.5 U
Vinyl Acetate	108-05-4	NS	ug/l	NA	NA	NA	NA	NA	NA	<5 U	NA	NA	NA	NA	NA	<100 U	<5 UJ	<5 U
Vinyl Chloride	75-01-4	2	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	0.08 J	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<20 U	<1 UJ	<1 U
Total BTEX	BTEX	NS	ug/l	0.53	ND	ND	ND	184.2	166.8	194.7	150.27	130.35	124.44	131.63	110.95	109	126.1	125.1
Total VOCs	TOTALVOCS	NS	ug/l	16.47	8.29	4.52	#N/A	530.15	480.72	575.62	516.85	343.34	326.66	328.46	384.43	313	376.94	381.7

Table 2
Quarterly Groundwater Monitoring Report - October 2025
Groundwater Sample Analytical Results

Willets Point Development
Queens, New York
NYSDEC BCP Site No.: C241146B, C241146D, C241146E and C241146H
Langan Project No.: 170197605

Analyte	CAS Number	NYSDEC SGVs	Location	J-MW118	J-MW118	J-MW118	J-MW118	J-MW118	J-MW118	J-MW118	J-MW118	J-MW118	J-MW201	J-MW201	J-MW201	J-MW202	J-MW202	J-MW202	J-MW202
			Sample Name	J-MW118_062623	J-MW118_092723	J-MW118_122823	J-MW118_040424	J-MW118_071624	J-MW118_020725	J-MW118_053025	J-MW118_072325	J-MW118_102025	J-MW201_053025	J-MW201_072325	J-MW201_102025	J-MW202_052925	DUP01_052925	J-MW202_072325	J-MW202_102025
			Sample Date	06/26/2023	09/27/2023	12/27/2023	04/04/2024	07/16/2024	02/07/2025	05/30/2025	07/23/2025	10/20/2025	05/30/2025	07/23/2025	10/20/2025	05/29/2025	05/29/2025	07/23/2025	10/20/2025
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds																			
1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<12 UJ	<25 U	<2.5 U	<12 U	<2.5 U	<0.5 U	<0.5 U	<12 U	<50 U
1,1,1-Trichloroethane	71-55-6	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<12 UJ	<25 U	<2.5 U	<12 U	<2.5 U	<0.5 U	<0.5 U	<12 U	<50 U
1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<2.5 UJ	<5 U	<2.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<2.5 U	<10 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	NA	<2.5 U	NA	NA	<0.5 U	<0.5 U	NA	NA
1,1,2-Trichloroethane	79-00-5	1	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<7.5 UJ	<15 U	<2.5 U	<7.5 U	<1.5 U	<0.5 U	<0.5 U	<7.5 U	<30 U
1,1-Dichloroethane	75-34-3	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<12 UJ	<25 U	<2.5 U	<12 U	<2.5 U	<0.5 U	<0.5 U	<12 U	<50 U
1,1-Dichloroethene	75-35-4	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<2.5 UJ	<5 U	<2.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<2.5 U	<10 U
1,1-Dichloropropene	563-58-6	5	ug/l	NA	NA	NA	NA	NA	NA	NA	<12 UJ	<25 U	NA	<12 U	<2.5 U	NA	NA	<12 U	<50 U
1,2,3-Trichlorobenzene	87-61-6	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 UJ	<0.5 U	<0.5 UJ	<0.5 UJ	<12 UJ	<25 U	<2.5 UJ	<12 U	<2.5 U	<0.5 U	<0.5 U	<12 U	<50 U
1,2,3-Trichloropropane	96-18-4	0.04	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<12 UJ	<25 U	<2.5 U	<12 U	<2.5 U	<0.5 U	<0.5 U	<12 U	<50 U
1,2,4,5-Tetramethylbenzene	95-93-2	**5**	ug/l	NA	NA	NA	NA	NA	NA	NA	**14 J**	**7.3 J**	NA	**14**	**22**	NA	NA	<10 U	<40 U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 UJ	<0.5 UJ	<12 UJ	<25 U	<2.5 U	<12 U	<2.5 U	<0.5 U	<0.5 U	<12 U	<50 U
1,2,4-Trimethylbenzene	95-63-6	**5**	ug/l	**19.6**	**9.29**	<0.5 U	<0.5 U	**12.5**	**14.2**	**293 D**	**300 J**	**180**	**71 D**	**43**	**54**	**43**	**49**	**41**	**52**
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<12 UJ	<25 U	<2.5 U	<12 U	<2.5 U	<0.5 U	<0.5 U	<12 U	<50 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.0006	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<10 UJ	<20 U	<2.5 U	<10 U	<2 U	<0.5 U	<0.5 U	<10 U	<40 U
1,2-Dichlorobenzene	95-50-1	**3**	ug/l	0.37 J	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	**4.17**	<12 UJ	<25 U	<2.5 U	<12 U	1.5 J	0.82	0.84	<12 U	<50 U
1,2-Dichloroethane	107-06-2	**0.6**	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<2.5 UJ	<5 U	<2.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<2.5 U	<10 U
1,2-Dichloropropane	78-87-5	**1**	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<5 UJ	<10 U	<2.5 U	<5 U	<1 U	<0.5 U	<0.5 U	<5 U	<20 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	**5**	ug/l	**6.3**	2.91	<0.5 U	<0.5 U	3.9	3.41	**67.8 J**	**70 J**	**48**	**16.2 J**	**11 J**	**12**	**9.31**	**10.6**	**13**	**19 J**
1,3-Dichlorobenzene	541-73-1	3	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<12 UJ	<25 U	<2.5 U	<12 U	<2.5 U	<0.5 U	<0.5 U	<12 U	<50 U
1,3-Dichloropropane	142-28-9	5	ug/l	NA	NA	NA	NA	NA	NA	NA	<12 UJ	<25 U	NA	<12 U	<2.5 U	NA	NA	<12 U	<50 U
1,4-Dichlorobenzene	106-46-7	**3**	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<12 UJ	<25 U	<2.5 U	<12 U	<2.5 U	<0.5 U	<0.5 U	<12 U	<50 U
1,4-Diethyl Benzene	105-05-5	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	38 J	23	NA	<10 U	4.7	NA	NA	6.2 J	<40 U
2,2-Dichloropropane	594-20-7	5	ug/l	NA	NA	NA	NA	NA	NA	NA	<12 UJ	<25 U	NA	<12 U	<2.5 U	NA	NA	<12 U	<50 U
2-Chlorotoluene	95-49-8	5	ug/l	NA	NA	NA	NA	NA	NA	NA	<12 UJ	<25 U	NA	<12 U	<2.5 U	NA	NA	<12 U	<50 U
2-Hexanone (MBK)	591-78-6	50	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<25 UJ	<50 U	<2.5 U	<25 U	<5 U	<0.5 U	<0.5 U	<25 U	<100 U
4-Chlorotoluene	106-43-4	5	ug/l	NA	NA	NA	NA	NA	NA	NA	<12 UJ	<25 U	NA	<12 U	<2.5 U	NA	NA	<12 U	<50 U
4-Ethyltoluene	622-96-8	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	200 J	140	NA	25	28	NA	NA	29	40
Acetone	67-64-1	**50**	ug/l	5.95 J	<4.35 U	3.51	<2.96 U	2.3	6.07	**58.7**	**180 J**	**83**	**68.4 D**	**52**	35	**111**	**141**	**91**	**520**
Acrolein	107-02-8	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	2.1	<0.5 U	NA	NA	<2.5 U	NA	NA	<0.5 U	<0.5 U	NA	NA
Acrylonitrile	107-13-1	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<25 UJ	<50 U	<2.5 UJ	<25 U	<5 U	<0.5 U	<0.5 U	<25 U	<100 U
Benzene	71-43-2	**1**	ug/l	**4.07**	**3.79**	0.52	**1.67**	**3.42**	**7.5**	**142 J**	**81 J**	**86**	**50.2 D**	**57**	**71**	**27**	**30.5**	**20**	**40**
Bromobenzene	108-86-1	5	ug/l	NA	NA	NA	NA	NA	NA	NA	<12 UJ	<25 U	NA	<12 U	<2.5 U	NA	NA	<12 U	<50 U
Bromochloromethane	74-97-5	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<12 UJ	<25 U	<2.5 U	<12 U	<2.5 U	<0.5 U	<0.5 U	<12 U	<50 U
Bromodichloromethane	75-27-4	50	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<2.5 UJ	<5 U	<2.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<2.5 U	<10 U
Bromoform	75-25-2	50	ug/l	<0.5 U	<0.5 UJ	<0.5 U	<0.5 UJ	<0.5 U	<0.5 U	<0.5 UJ	<10 UJ	<20 U	<2.5 UJ	<10 U	<2 U	<0.5 U	<0.5 U	<10 U	<40 U
Bromomethane	74-83-9	**5**	ug/l	<0.5 U	<0.5 UJ	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<2 U	<12 UJ	<25 U	<10 U	<12 U	<2.5 U	<2 U	<2 U	<12 U	<50 U
Carbon Disulfide	75-15-0	60	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	13	11 J	<50 U	<2.5 U	<25 U	1.6 J	<0.5 U	<0.5 U	<25 U	<100 U
Carbon Tetrachloride	56-23-5	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<2.5 UJ	<5 U	<2.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<2.5 U	<10 U
Chlorobenzene	108-90-7	**5**	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<12 UJ	<25 U	<2.5 U	<12 U	1.6 J	<0.5 U	<0.5 U	<12 U	<50 U
Chloroethane	75-00-3	**5**	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<12 UJ	<25 U	<2.5 U	<12 U	<2.5 U	<0.5 U	<0.5 U	<12 U	<50 U
Chloroform	67-66-3	7	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	5.42	<12 UJ	<25 U	<2.5 U	<12 U	<2.5 U	2.36 J	1.27 J	<12 U	<50 U
Chloromethane	74-87-3	**5**	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<12 UJ	<25 U	<2.5 U	<12 U	<2.5 U	0.94	<0.5 U	<12 U	<50 U
Cis-1,2-Dichloroethene	156-59-2	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	2.11	<12 UJ	<25 U	<2.5 U	<12 U	<2.5 U	0.64	0.65	<12 U	<50 U
Cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<2.5 UJ	<5 U	<2.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<2.5 U	<10 U
Cyclohexane	110-82-7	NS	ug/l	0.77 J	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 U	0.66 J	7.8 J	NA	NA	4.05 J	NA	NA	1.49 J	1.63 J	NA	NA
Cymene	99-87-6	**5**	ug/l	NA	NA	NA	NA	NA	<0.5 U	1.64	<12 UJ	<25 U	<2.5 U	<12 U	1.6 J	0.77	0.78	<12 U	<50 U
Dibromochloromethane	124-48-1	50	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<2.5 UJ	<5 U	<2.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<2.5 U	<10 U
Dibromomethane	74-95-3	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<25 UJ	<50 U	<2.5 U	<25 U	<5 U	<0.5 U	<0.5 U	<25 U	<100 U
Dichlorodifluoromethane	75-71-8	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<25 UJ	<50 U	<2.5 U	<25 U	<5 U	<0.5 UJ	<0.5 UJ	<25 U	<100 U
Diethyl Ether (Ethyl Ether)	60-29-7	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	<12 UJ	<25 U	NA	<12 U	1.7 J	NA	NA	<12 U	<50 U
Ethylbenzene	100-41-4	**5**	ug/l	**16**	**7.64**	<0.5 U	<0.5 U	**8.05**	**10.1**	**423 D**	**160 J**	**110**	**55 D**	**17**	**20**	**54**	**61.1**	**30**	**42 J**
Hexachlorobutadiene	87-68-3	**0.5**	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 UJ	<0.5 U	<0.5 U	<0.5 UJ	<12 UJ	<25 U	<2.5 U	<12 U	<2.5 U	<0.5 U	<0.5 U	<12 U	<50 U
Isopropylbenzene (Cumene)	98-82-8	**5**	ug/l	0.82	0.42 J	<0.5 U	<0.5 U	0.56	0.68	**12.9**	**10 J**	<25 U	**17.8 D**	**12**	**20**	2.84	3.2	<12 U	<50 U
M,P-Xylene	179601-23-1	**5**	ug/l	**56.5**	**28.5**	<1 U	<1 U	**28.8**	**38.2**	**846 D**	**700 J**	**490**	**110 D**	**78**	**81**	**108**	**122**	**120**	**150**
Methyl Acetate	79-20-9	NS	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	NA	<2.5 U	NA	NA	<0.5 U	<0.5 U	NA	NA
Methyl Ethyl Ketone (2-Butanone)	78-93-3	**50**	ug/l	0.75	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<25 UJ	<50 U	<2.5 UJ	<25 U	<5 U	34.8	37.6	18 J	**89 J**
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	ug/l	0.4 J	0.73	<0.5 U	<0.5 U	<0.5 U	<0.5 U	16.7 J	15 J	24 J	17.8 J	9.2 J	16	29.4	32.3	15 J	110
Methylcyclohexane	108-87-2	NS	ug/l	0.81	<0.5 U	<0.5 U	<0.5 U	<0.5 U	0.55	7.01	NA	NA	10.2 D	NA	NA	2.52	2.66	NA	NA
Methylene Chloride	75-09-2	**5**	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	**9.01**	<12 UJ	<25 U	<10 U	<12 U	<2.5 U	**13.6 J**	**11.1 J**	<12 U	<50 U
n-Butylbenzene	104-51-8	**5**	ug/l	0.93	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	2.66	<12 UJ	<25 U	3.75 D	3.6 J	**5.6**	<0.5 U	<0.5 U	<12 U	<50 U
n-Propylbenzene	103-65-1	**5**	ug/l	2.4	0.91	<0.5 U	<0.5 U	1.36	1.56	**29.9**	**26 J**	**16 J**	**39.3 D**	**31**	**47**	4.87	**5.49**	4 J	<50 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	**5**	ug/l	**33.2**	**14.5**	0.42 J	0.61	**14**	**18.6**	**426 D**	**320 J**	**220**	**72.3 D**	**49**	**53**	**68.9**	**77**	**64**	**80**
p-Cymene (p-Isopropyltoluene)	CYMP	NS	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sec-Butylbenzene	135-98-8	**5**	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	2.21	<12 UJ	<25 U	3.65 D	<12 U	4	<0.5 U	<0.5 U	<12 U	<50 U
Styrene	100-42-5	**5**	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	**6.3 J**	<25 U	<2.5 U	<12 U	1.6 J	<0.5 U	<0.5 U	<12 U	<50 U
T-Butylbenzene	98-06-6	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<12 UJ	<25 U	<2.5 U	<12 U	<2.5 U	<0.5 U	<0.5 U	<12 U	<50 U
Tert-Butyl Alcohol	75-65-0	NS	ug/l	7.73	18.9	84.1	<1 U	<1 U	<1 UJ	<1 U	NA	NA	<5 UJ	NA	NA	280 J	239 J	NA	NA
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	**10**	ug/l	**38**	**160**	**539 D**	**150**	**202 D**	**262 D**	**504 D**	**530 J**	**770**	**141 D**	**92**	**110**	**15.1**	**20.1**	7.7 J	6.3 J
Tetrachloroethene (PCE)	127-18-4	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<2.5 UJ	<5 U	<2.5 U	<2.5 U	<0.5 U	<0.5 UJ	<0.5 UJ	<2.5 U	<10 U
Toluene	108-88-3	**5**	ug/l	**20.8**	2.27	<0.5 U	<0.5 U	**18.2**	**33.1**	**696 D**	**500 J**	**320**	**72.8 D**	**46**	**50**	**101**	**113**	**98**	**170**
Total 1,2-Dichloroethene (Cis and Trans)	540-59-0	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	<12 UJ	<25 U	NA	<12 U	<2.5 U	NA	NA	<12 U	<50 U
Total Xylenes	1330-20-7	**5**	ug/l	**89.8**	**43**	<1.5 U	0.86 J	**42.8**	**56.8**	**1,270 D**	**1,000 J**	**710**	**182 D**	**130**	**130**	**177**	**199**	**180**	**230**
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	0.4	ug/l	NA	NA	NA	NA	NA	NA	NA	<2.5 UJ	<5 U	NA	<2.5 U	<0.5 U	NA	NA	<2.5 U	<10 U
Trans-1,2-Dichloroethene	156-60-5	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<12 UJ	<25 U	<2.5 U	<12 U	<2.5 U	<0.5 U	<0.5 U	<12 U	<50 U
Trans-1,3-Dichloropropene	10061-02-6	0.4	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<2.5 UJ	<5 U	<2.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<2.5 U	<10 U
Trans-1,4-Dichloro-2-Butene	110-57-6	5	ug/l	NA	NA	NA	NA	NA	NA	NA	<12 UJ	<25 U	NA	<12 UJ	<2.5 U	NA	NA	<12 UJ	<50 U
Trichloroethene (TCE)	79-01-6	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<2.5 UJ	<5 U	<2.5 U	<2.5 U	<0.5 U	0.42 J	<0.5 U	<2.5 U	<10 U
Trichlorofluoromethane	75-69-4	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<12 UJ	<25 U	<2.5 U	<12 U	<2.5 U	<0.5 U	<0.5 U	<12 U	<50 U
Vinyl Acetate	108-05-4	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	<25 UJ	<50 U	NA	<25 UJ	<5 U	NA	NA	<25 UJ	<100 U
Vinyl Chloride	75-01-4	2	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<5 UJ	<10 U	<2.5 U	<5 U	<1 U	0.69	0.7	0.43 J	<20 U
Total BTEX	BTEX	NS	ug/l	130.57	56.7	0.94	2.28	72.47	107.5	2533	1761	1226	360.3	247	275	358.9	403.6	332	482
Total VOCs	TOTALVOCS	NS	ug/l	215.4	249.86	627.55	152.28	295.09	398.73	3571.03	3239.3	2589.3	753.45	573.8	694.9	913.47	961.52	568.33	1335.3

Table 2
Quarterly Groundwater Monitoring Report - October 2025
Groundwater Sample Analytical Results

Willets Point Development
Queens, New York
NYSDEC BCP Site No.: C241146B, C241146D, C241146E and C241146H
Langan Project No.: 170197605

Analyte	CAS Number	NYSDEC SGVs	Location	J-MW203	J-MW203	J-MW203	J-MW204	J-MW204	J-MW204	J-MW205	J-MW205	J-MW205
			Sample Name	J-MW203_052925	J-MW203_072325	J-MW203_102025	J-MW204_052925	J-MW204_072325	J-MW204_102025	J-MW205_053025	J-MW205_072325	J-MW205_102025
			Sample Date	05/29/2025	07/23/2025	10/20/2025	05/29/2025	07/23/2025	10/20/2025	05/30/2025	07/23/2025	10/20/2025
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds												
1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	<0.5 U	<5 U	<12 U	<0.5 U	<25 U	<50 U	<0.5 U	<25 U	<50 U
1,1,1-Trichloroethane	71-55-6	5	ug/l	<0.5 U	<5 U	<12 U	<0.5 U	<25 U	<50 U	<0.5 U	<25 U	<50 U
1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	<0.5 U	<1 U	<2.5 U	<0.5 U	<5 U	<10 U	<0.5 U	<5 U	<10 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5	ug/l	<0.5 U	NA	NA	<0.5 U	NA	NA	<0.5 U	NA	NA
1,1,2-Trichloroethane	79-00-5	1	ug/l	<0.5 U	<3 U	<7.5 U	<0.5 U	<15 U	<30 U	<0.5 U	<15 U	<30 U
1,1-Dichloroethane	75-34-3	5	ug/l	<0.5 U	<5 U	<12 U	<0.5 U	<25 U	<50 U	<0.5 U	<25 U	<50 U
1,1-Dichloroethene	75-35-4	5	ug/l	<0.5 U	<1 U	<2.5 U	<0.5 U	<5 U	<10 U	<0.5 U	<5 U	<10 U
1,1-Dichloropropene	563-58-6	5	ug/l	NA	<5 U	<12 U	NA	<25 U	<50 U	NA	<25 U	<50 U
1,2,3-Trichlorobenzene	87-61-6	5	ug/l	<0.5 U	<5 U	<12 U	<0.5 U	<25 U	<50 U	<0.5 UJ	<25 U	<50 U
1,2,3-Trichloropropane	96-18-4	0.04	ug/l	<0.5 U	<5 U	<12 U	<0.5 U	<25 U	<50 U	<0.5 U	<25 U	<50 U
1,2,4,5-Tetramethylbenzene	95-93-2	**5**	ug/l	NA	<4 U	<10 U	NA	<20 U	<40 U	NA	<20 U	<40 U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<0.5 U	<5 U	<12 U	<0.5 U	<25 U	<50 U	<0.5 U	<25 U	<50 U
1,2,4-Trimethylbenzene	95-63-6	**5**	ug/l	**18.7**	1.6 J	**7 J**	**52.3**	**27**	**34 J**	**55.3**	**44**	**72**
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	ug/l	<0.5 U	<5 U	<12 U	<0.5 U	<25 U	<50 U	<0.5 U	<25 U	<50 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.0006	ug/l	<0.5 U	<4 U	<10 U	<0.5 U	<20 U	<40 U	<0.5 U	<20 U	<40 U
1,2-Dichlorobenzene	95-50-1	**3**	ug/l	<0.5 U	<5 U	<12 U	<0.5 U	<25 U	<50 U	<0.5 U	<25 U	<50 U
1,2-Dichloroethane	107-06-2	**0.6**	ug/l	<0.5 U	<1 U	<2.5 U	<0.5 U	<5 U	<10 U	<0.5 U	<5 U	<10 U
1,2-Dichloropropane	78-87-5	**1**	ug/l	<0.5 U	<2 U	<5 U	<0.5 U	<10 U	<20 U	<0.5 U	<10 U	<20 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	**5**	ug/l	**5.47**	<5 U	<12 U	**9.52**	**9 J**	<50 U	**12.2 J**	**14 J**	**24 J**
1,3-Dichlorobenzene	541-73-1	3	ug/l	<0.5 U	<5 U	<12 U	<0.5 U	<25 U	<50 U	<0.5 U	<25 U	<50 U
1,3-Dichloropropane	142-28-9	5	ug/l	NA	<5 U	<12 U	NA	<25 U	<50 U	NA	<25 U	<50 U
1,4-Dichlorobenzene	106-46-7	**3**	ug/l	<0.5 U	<5 U	<12 U	<0.5 U	<25 U	<50 U	<0.5 U	<25 U	<50 U
1,4-Diethyl Benzene	105-05-5	NS	ug/l	NA	<4 U	<10 U	NA	<20 U	<40 U	NA	7.7 J	<40 U
2,2-Dichloropropane	594-20-7	5	ug/l	NA	<5 U	<12 U	NA	<25 U	<50 U	NA	<25 U	<50 U
2-Chlorotoluene	95-49-8	5	ug/l	NA	<5 U	<12 U	NA	<25 U	<50 U	NA	<25 U	<50 U
2-Hexanone (MBK)	591-78-6	50	ug/l	0.52	<10 U	<25 U	<0.5 U	<50 U	<100 U	<0.5 U	<50 U	<100 U
4-Chlorotoluene	106-43-4	5	ug/l	NA	<5 U	<12 U	NA	<25 U	<50 U	NA	<25 U	<50 U
4-Ethyltoluene	622-96-8	NS	ug/l	NA	1.4 J	5.6 J	NA	16 J	22 J	NA	30	46
Acetone	67-64-1	**50**	ug/l	**53.5**	<10 U	<25 U	**83**	**55**	**310**	36.5	**330**	**470**
Acrolein	107-02-8	5	ug/l	<0.5 U	NA	NA	<0.5 U	NA	NA	<0.5 U	NA	NA
Acrylonitrile	107-13-1	5	ug/l	<0.5 U	<10 U	<25 U	<0.5 U	<50 U	<100 U	<0.5 UJ	<50 U	<100 U
Benzene	71-43-2	**1**	ug/l	**7.87**	**2.5**	**7.7**	**20.7**	**7**	**27**	**28.1**	**36**	**55**
Bromobenzene	108-86-1	5	ug/l	NA	<5 U	<12 U	NA	<25 U	<50 U	NA	<25 U	<50 U
Bromochloromethane	74-97-5	5	ug/l	<0.5 U	<5 U	<12 U	<0.5 U	<25 U	<50 U	<0.5 U	<25 U	<50 U
Bromodichloromethane	75-27-4	50	ug/l	<0.5 U	<1 U	<2.5 U	<0.5 U	<5 U	<10 U	<0.5 U	<5 U	<10 U
Bromoform	75-25-2	50	ug/l	<0.5 U	<4 U	<10 U	<0.5 U	<20 U	<40 U	<0.5 UJ	<20 U	<40 U
Bromomethane	74-83-9	**5**	ug/l	<2 U	<5 U	<12 U	<2 U	<25 U	<50 U	<2 U	<25 U	<50 U
Carbon Disulfide	75-15-0	60	ug/l	<0.5 U	<10 U	<25 U	1.59	<50 U	<100 U	1.89	<50 U	<100 U
Carbon Tetrachloride	56-23-5	5	ug/l	<0.5 U	<1 U	<2.5 U	<0.5 U	<5 U	<10 U	<0.5 U	<5 U	<10 U
Chlorobenzene	108-90-7	**5**	ug/l	<0.5 U	<5 U	<12 U	<0.5 U	<25 U	<50 U	<0.5 U	<25 U	<50 U
Chloroethane	75-00-3	**5**	ug/l	<0.5 U	<5 U	<12 U	<0.5 U	<25 U	<50 U	<0.5 U	<25 U	<50 U
Chloroform	67-66-3	7	ug/l	0.58	<5 U	<12 U	4.66	<25 U	<50 U	3.18	<25 U	<50 U
Chloromethane	74-87-3	**5**	ug/l	1.33	<5 U	<12 U	<0.5 U	<25 U	<50 U	<0.5 U	<25 U	<50 U
Cis-1,2-Dichloroethene	156-59-2	5	ug/l	<0.5 U	<5 U	<12 U	<0.5 U	<25 U	<50 U	<0.5 U	<25 U	<50 U
Cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l	<0.5 U	<1 U	<2.5 U	<0.5 U	<5 U	<10 U	<0.5 U	<5 U	<10 U
Cyclohexane	110-82-7	NS	ug/l	0.84 J	NA	NA	1.44 J	NA	NA	0.82 J	NA	NA
Cymene	99-87-6	**5**	ug/l	<0.5 U	<5 U	<12 U	0.83	<25 U	<50 U	2.87	<25 U	<50 U
Dibromochloromethane	124-48-1	50	ug/l	<0.5 U	<1 U	<2.5 U	<0.5 U	<5 U	<10 U	<0.5 U	<5 U	<10 U
Dibromomethane	74-95-3	5	ug/l	<0.5 U	<10 U	<25 U	<0.5 U	<50 U	<100 U	<0.5 U	<50 U	<100 U
Dichlorodifluoromethane	75-71-8	5	ug/l	<0.5 UJ	<10 U	<25 U	<0.5 UJ	<50 U	<100 U	<0.5 U	<50 U	<100 U
Diethyl Ether (Ethyl Ether)	60-29-7	NS	ug/l	NA	<5 U	<12 U	NA	<25 U	<50 U	NA	<25 U	<50 U
Ethylbenzene	100-41-4	**5**	ug/l	**16.6**	<5 U	4.9 J	**50.3**	**11 J**	**29 J**	**57.8**	**28**	**40 J**
Hexachlorobutadiene	87-68-3	**0.5**	ug/l	<0.5 U	<5 U	<12 U	<0.5 U	<25 U	<50 U	<0.5 U	<25 U	<50 U
Isopropylbenzene (Cumene)	98-82-8	**5**	ug/l	0.95	<5 U	<12 U	3.43	<25 U	<50 U	2.61	<25 U	<50 U
M,P-Xylene	179601-23-1	**5**	ug/l	**33.2**	2.5 J	**17**	**101**	**33**	**88**	**116**	**100**	**150**
Methyl Acetate	79-20-9	NS	ug/l	<0.5 U	NA	NA	<0.5 U	NA	NA	<0.5 U	NA	NA
Methyl Ethyl Ketone (2-Butanone)	78-93-3	**50**	ug/l	3.18	<10 U	<25 U	<0.5 U	<50 U	<100 U	<0.5 UJ	26 J	<100 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	ug/l	0.62	<10 U	<25 U	24.6	<50 U	26 J	4.53 J	15 J	<100 U
Methylcyclohexane	108-87-2	NS	ug/l	1.68	NA	NA	2.86	NA	NA	1.39	NA	NA
Methylene Chloride	75-09-2	**5**	ug/l	**13.2 J**	<5 U	<12 U	<2 U	<25 U	<50 U	**6.05 J**	<25 U	<50 U
n-Butylbenzene	104-51-8	**5**	ug/l	<0.5 U	<5 U	<12 U	<0.5 U	<25 U	<50 U	<0.5 U	<25 U	<50 U
n-Propylbenzene	103-65-1	**5**	ug/l	2.05	<5 U	<12 U	4.34	<25 U	<50 U	**5.39**	<25 U	<50 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	**5**	ug/l	**11.6**	<5 U	**6.1 J**	**64.4**	**19 J**	**48 J**	**59.8**	**59**	**79**
p-Cymene (p-Isopropyltoluene)	CYMP	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sec-Butylbenzene	135-98-8	**5**	ug/l	<0.5 U	<5 U	<12 U	0.55	<25 U	<50 U	<0.5 U	**32**	<50 U
Styrene	100-42-5	**5**	ug/l	2.09	<5 U	<12 U	<0.5 U	<25 U	<50 U	<0.5 U	<25 U	<50 U
T-Butylbenzene	98-06-6	5	ug/l	<0.5 U	<5 U	<12 U	<0.5 U	<25 U	<50 U	<0.5 U	<25 U	<50 U
Tert-Butyl Alcohol	75-65-0	NS	ug/l	296 J	NA	NA	447 J	NA	NA	<1 UJ	NA	NA
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	**10**	ug/l	**105**	**140**	**130**	**144**	**88**	**85**	**842 D**	**2,600**	**1,800**
Tetrachloroethene (PCE)	127-18-4	5	ug/l	<0.5 UJ	<1 U	<2.5 U	<0.5 UJ	<5 U	<10 U	<0.5 U	<5 U	<10 U
Toluene	108-88-3	**5**	ug/l	4.92	<5 U	3.9 J	**46.6**	**12 J**	**48 J**	**175 D**	**150**	**250**
Total 1,2-Dichloroethene (Cis and Trans)	540-59-0	NS	ug/l	NA	<5 U	<12 U	NA	<25 U	<50 U	NA	<25 U	<50 U
Total Xylenes	1330-20-7	**5**	ug/l	**44.7**	2.5 J	**23 J**	**165**	**52 J**	**140 J**	**175**	**160**	**230**
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	0.4	ug/l	NA	<1 U	<2.5 U	NA	<5 U	<10 U	NA	<5 U	<10 U
Trans-1,2-Dichloroethene	156-60-5	5	ug/l	<0.5 U	<5 U	<12 U	<0.5 U	<25 U	<50 U	<0.5 U	<25 U	<50 U
Trans-1,3-Dichloropropene	10061-02-6	0.4	ug/l	<0.5 U	<1 U	<2.5 U	<0.5 U	<5 U	<10 U	<0.5 U	<5 U	<10 U
Trans-1,4-Dichloro-2-Butene	110-57-6	5	ug/l	NA	<5 UJ	<12 U	NA	<25 UJ	<50 U	NA	<25 UJ	<50 U
Trichloroethene (TCE)	79-01-6	5	ug/l	<0.5 U	<1 U	<2.5 U	<0.5 U	<5 U	<10 U	<0.5 U	<5 U	<10 U
Trichlorofluoromethane	75-69-4	5	ug/l	<0.5 U	<5 U	<12 U	<0.5 U	<25 U	<50 U	<0.5 U	<25 U	<50 U
Vinyl Acetate	108-05-4	NS	ug/l	NA	<10 UJ	<25 U	NA	<50 UJ	<100 U	NA	<50 UJ	<100 U
Vinyl Chloride	75-01-4	2	ug/l	<0.5 U	<2 U	<5 U	<0.5 U	<10 U	<20 U	<0.5 U	<10 U	<20 U
Total BTEX	BTEX	NS	ug/l	74.19	5	39.6	283	82	240	436.7	373	574
Total VOCs	TOTALVOCS	NS	ug/l	579.9	148	188.2	1063.12	277	717	1411.43	3489.7	3017

Table 2
Quarterly Groundwater Monitoring Report - October 2025
Groundwater Sample Analytical Results

Willets Point Development
Queens, New York
NYSDEC BCP Site No.: C241146B, C241146D, C241146E and C241146H
Langan Project No.: 170197605

Analyte	CAS Number	NYSDEC SGVs	Location	A-MW115	A-MW115	A-MW115	A-MW115	A-MW115	A-MW115	A-MW204	A-MW204	A-MW204	A-MW204	A-MW204R	A-MW204R	A-MW204R	B-MW201	B-MW201
			Sample Name	A-MW115_080322	A-MW115_052323	A-MW115_082923	A-MW115_112923	A-MW115_040324	A-MW115_071524	A-MW204_080522	A-MW204R_052323	A-MW204R_082923	A-MW204R_122723	A-MW204R_071524	A-MW204R_011525	A-MW204R_042225	B-MW201_080422	B-MW201_021623
			Sample Date	08/03/2022	05/23/2023	08/29/2023	11/29/2023	04/03/2024	07/15/2024	08/05/2022	05/23/2023	08/29/2023	12/27/2023	07/15/2024	01/15/2025	04/22/2025	08/04/2022	02/16/2023
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds																		
1,2,4,5-Tetrachlorobenzene	95-94-3	5	ug/l	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U
1,2-Dichlorobenzene	95-50-1	3	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
1,2-Diphenylhydrazine	122-66-7	**0**	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	541-73-1	3	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 UJ	<2 U	<2 U
1,4-Dichlorobenzene	106-46-7	**3**	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
1,4-Dioxane (P-Dioxane)	123-91-1	**0.35**	ug/l	NA	<0.144 U	<0.147 U	0.269	0.212	**0.535**	NA	**0.552**	0.248	**0.424**	0.249	**1**	**0.656**	NA	**0.608 J**
2,3,4,6-Tetrachlorophenol	58-90-2	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	95-95-4	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
2,4,6-Trichlorophenol	88-06-2	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
2,4-Dichlorophenol	120-83-2	**1**	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
2,4-Dimethylphenol	105-67-9	**1**	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
2,4-Dinitrophenol	51-28-5	1	ug/l	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 UJ	<20 U
2,4-Dinitrotoluene	121-14-2	**5**	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U
2,6-Dinitrotoluene	606-20-2	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
2-Chloronaphthalene	91-58-7	10	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
2-Chlorophenol	95-57-8	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
2-Methylnaphthalene	91-57-6	NS	ug/l	<0.1 U	<0.1 U	0.14 J	<0.1 U	0.29	0.24 J	0.03 J	<0.1 U	<0.1 U	<0.1 U	<0.1 U	0.06 J	0.16	0.11 J	0.07 J
2-Methylphenol (o-Cresol)	95-48-7	NS	ug/l	<5 U	<5 U	<5 U	<5 U	0.9 J	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
2-Nitroaniline	88-74-4	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U
2-Nitrophenol	88-75-5	NS	ug/l	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	NS	ug/l	<5 U	<5 U	<5 U	<5 U	0.58 J	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	18	1.8 J	<5 U
3,3'-Dichlorobenzidine	91-94-1	**5**	ug/l	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U
3-Nitroaniline	99-09-2	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	ug/l	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 UJ	<10 U
4-Bromophenyl Phenyl Ether	101-55-3	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
4-Chloro-3-Methylphenol	59-50-7	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
4-Chloroaniline	106-47-8	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
4-Nitroaniline	100-01-6	5	ug/l	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U
4-Nitrophenol	100-02-7	NS	ug/l	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
Acenaphthene	83-32-9	**20**	ug/l	<0.1 U	<0.1 U	0.12	<0.1 U	0.42	0.55	0.04 J	<0.1 U	<0.1 U	<0.1 U	0.05 J	0.04 J	0.19	0.21	0.16
Acenaphthylene	208-96-8	NS	ug/l	<0.1 U	<0.1 U	0.03 J	<0.1 U	0.08 J	0.03 J	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	0.02 J	0.02 J
Acetophenone	98-86-2	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	0.96 J	<5 U	<5 U	<5 U	<5 U
Aniline (Phenylamine, Aminobenzene)	62-53-3	5	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	120-12-7	50	ug/l	0.02 J	0.02 J	0.05 J	0.13	0.09 J	0.1	0.02 J	0.02 J	0.02 J	<0.1 U	0.03 J	0.12	0.03 J	0.09 J	<0.1 U
Atrazine	1912-24-9	7.5	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzaldehyde	100-52-7	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzidine	92-87-5	5	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	56-55-3	**0.002**	ug/l	<0.1 U	<0.1 U	**0.05 J**	<0.1 U	**0.04 J**	<0.1 U	<0.1 U	<0.1 U	**0.03 J**	<0.1 U	**0.06 J**	**0.09 J**	<0.1 U	<0.1 U	**0.02 J**
Benzo(a)pyrene	50-32-8	**0**	ug/l	<0.1 U	<0.1 U	**0.07 J**	**0.03 J**	<0.1 U	<0.1 U	**0.06 J**	<0.1 U	**0.03 J**	<0.1 U	**0.07 J**	**0.05 J**	<0.1 U	**0.02 J**	**0.02 J**
Benzo(b)fluoranthene	205-99-2	**0.002**	ug/l	<0.1 U	<0.1 U	**0.08 J**	**0.03 J**	<0.1 U	<0.1 U	<0.1 U	<0.1 U	**0.06 J**	<0.1 U	**0.1**	**0.11**	<0.1 U	<0.1 U	**0.02 J**
Benzo(g,h,i)Perylene	191-24-2	NS	ug/l	<0.1 U	<0.1 U	0.06 J	0.03 J	<0.1 U	<0.1 U	0.05 J	<0.1 U	0.03 J	<0.1 U	0.06 J	0.08 J	<0.1 U	0.02 J	<0.1 U
Benzo(k)fluoranthene	207-08-9	**0.002**	ug/l	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	**0.03 J**	<0.1 U	<0.1 U	<0.1 U	**0.04 J**	**0.04 J**	<0.1 U	**0.02 J**	<0.1 U
Benzoic Acid	65-85-0	NS	ug/l	16 J	<50 U	<50 UJ	<50 U	14 J	<50 UJ	<50 UJ	<50 U	<50 UJ	<50 U	<50 UJ	<50 U	31 J	11 J	<50 U
Benzyl Alcohol	100-51-6	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	1 J	<2 U	<2 U
Benzyl Butyl Phthalate	85-68-7	50	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Biphenyl (Diphenyl)	92-52-4	**5**	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
Bis(2-chloroethoxy) methane	111-91-1	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	1	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
Bis(2-chloroisopropyl) ether	108-60-1	5	ug/l	<2 UJ	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
Bis(2-ethylhexyl) phthalate	117-81-7	**5**	ug/l	<3 UJ	<3 U	<3 U	<3 U	<3 U	<3 U	<3 U	<3 U	<3 U	<3 U	<3 U	4.4	<3 U	<3 U	<3 U
Caprolactam	105-60-2	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbazole	86-74-8	NS	ug/l	<2 UJ	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 U	<2 U
Chrysene	218-01-9	**0.002**	ug/l	<0.1 U	<0.1 U	**0.04 J**	**0.03 J**	<0.1 U	<0.1 U	**0.07 J**	<0.1 U	**0.03 J**	<0.1 U	**0.06 J**	**0.06 J**	<0.1 U	**0.04 J**	**0.03 J**
Dibenz(a,h)anthracene	53-70-3	NS	ug/l	0.06 J	<0.1 U	0.01 J	0.02 J	<0.1 U	<0.1 U	<0.1 UJ	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U
Dibenzofuran	132-64-9	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
Dibutyl phthalate	84-74-2	50	ug/l	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	2 J	<5 U	<5 U	<5 U
Diethyl phthalate	84-66-2	**50**	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Dimethyl phthalate	131-11-3	50	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Dioctyl phthalate	117-84-0	50	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Diphenylamine	122-39-4	5	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	206-44-0	50	ug/l	<0.1 U	<0.1 U	0.11	0.08 J	0.06 J	0.09 J	0.11 J	<0.1 U	0.04 J	<0.1 U	0.2	0.19	0.05 J	0.14	0.09 J
Fluorene	86-73-7	50	ug/l	<0.1 U	0.01 J	<0.1 U	<0.1 U	0.21	0.25	0.02 J	<0.1 U	<0.1 U	<0.1 U	0.05 J	0.03 J	0.09 J	0.12	0.11 J
Hexachlorobenzene	118-74-1	0.04	ug/l	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 UJ	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U
Hexachlorobutadiene	87-68-3	0.5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 UJ	<0.5 UJ	<0.5 U	<0.5 U
Hexachlorocyclopentadiene	77-47-4	5	ug/l	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 UJ	<20 UJ	<20 U	<20 U
Hexachloroethane	67-72-1	5	ug/l	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U
Indeno(1,2,3-cd)pyrene	193-39-5	**0.002**	ug/l	<0.1 U	<0.1 U	**0.05 J**	<0.1 U	<0.1 U	<0.1 U	**0.05 J**	<0.1 U	**0.03 J**	<0.1 U	**0.06 J**	**0.08 J**	<0.1 U	**0.03 J**	<0.1 U
Isophorone	78-59-1	50	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Naphthalene	91-20-3	**10**	ug/l	0.12	0.06 J	0.46 J	0.92	3.8	2.1	0.32	<0.1 U	<0.1 U	<0.1 U	0.14 J	0.1 J	0.26	0.23 J	0.17
Nitrobenzene	98-95-3	0.4	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
n-Nitrosodimethylamine	62-75-9	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Nitrosodi-N-Propylamine	621-64-7	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
n-Nitrosodiphenylamine	86-30-6	50	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
Pentachlorophenol	87-86-5	**1**	ug/l	<0.8 UJ	0.08 J	<0.8 U	0.15 J	<0.8 U	0.07 J	<0.8 UJ	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	0.14 J	0.3 J	<0.8 U
Phenanthrene	85-01-8	50	ug/l	<0.1 U	<0.1 U	0.15	0.06 J	0.15	0.22	<0.1 U	<0.1 U	0.02 J	<0.1 U	0.16	0.14	0.08 J	0.3	0.24
Phenol	108-95-2	**1**	ug/l	**3.6 J**	<5 U	<5 U	1 J	**13**	**32**	<5 U	<5 U	<5 U	<5 U	**3 J**	**1.5 J**	**26**	**16**	<5 U
Pyrene	129-00-0	50	ug/l	<0.1 U	<0.1 U	0.11	0.07 J	0.08 J	0.11	0.11 J	<0.1 U	0.03 J	<0.1 U	0.16	0.17	0.04 J	0.12	0.08 J
Pyridine	110-86-1	50	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 2
Quarterly Groundwater Monitoring Report - October 2025
Groundwater Sample Analytical Results

Willets Point Development
Queens, New York
NYSDEC BCP Site No.: C241146B, C241146D, C241146E and C241146H
Langan Project No.: 170197605

Analyte	CAS Number	NYSDEC SGVs	Location	B-MW201	B-MW201	B-MW201	B-MW201R	B-MW201R	B-MW201R	B-MW201R	B-MW201R	B-MW201R	B-MW206	B-MW206	B-MW206	B-MW206	B-MW206	B-MW206
			Sample Name	B-MW201_052223	B-MW201_082923	B-MW201_112923	B-MW201R_040524	B-MW201R_071724	B-MW201R_011625	B-MW201R_042325	B-MW201R_072425	B-MW201R_102125	B-MW206_080322	B-MW206_021623	B-MW206_052223	B-MW206_083023	B-MW206_122723	B-MW206_040324
			Sample Date	05/22/2023	08/29/2023	11/29/2023	04/05/2024	07/17/2024	01/16/2025	04/23/2025	07/24/2025	10/21/2025	08/03/2022	02/16/2023	05/22/2023	08/30/2023	12/27/2023	04/03/2024
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds																		
1,2,4,5-Tetrachlorobenzene	95-94-3	5	ug/l	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 UJ	<10 U	<10 U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<5 U	<5 U	<5 U	<5 U	1.3 J	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U
1,2-Dichlorobenzene	95-50-1	3	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 U	<2 U
1,2-Diphenylhydrazine	122-66-7	**0**	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	541-73-1	3	ug/l	<2 U	<2 U	<2 U	<2 U	1.1 J	1.4 J	0.77 J	0.96 J	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 U	<2 U
1,4-Dichlorobenzene	106-46-7	**3**	ug/l	<2 U	<2 U	<2 U	<2 U	**6.9**	**7.7**	**4.8**	**4.8**	**4**	<2 U	<2 U	<2 U	<2 UJ	<2 U	<2 U
1,4-Dioxane (P-Dioxane)	123-91-1	**0.35**	ug/l	**0.382**	**1**	**0.865**	**0.683**	**1.62**	**1.31 J**	**1.04**	**1.29 J**	**1.29**	NA	**0.485 J**	**0.45**	NA	0.31	**0.378**
2,3,4,6-Tetrachlorophenol	58-90-2	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	95-95-4	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U
2,4,6-Trichlorophenol	88-06-2	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U
2,4-Dichlorophenol	120-83-2	**1**	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U
2,4-Dimethylphenol	105-67-9	**1**	ug/l	<5 U	<5 U	<5 U	**2.4 J**	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	**2.8 J**	<5 UJ	<5 U	<5 U
2,4-Dinitrophenol	51-28-5	1	ug/l	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 UJ	<20 U	<20 U	<20 U	<20 UJ	<20 U	<20 U
2,4-Dinitrotoluene	121-14-2	**5**	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U
2,6-Dinitrotoluene	606-20-2	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U
2-Chloronaphthalene	91-58-7	10	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	0.4	1.4 J	1.1	0.98	0.59	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
2-Chlorophenol	95-57-8	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	1 J	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 U	<2 U
2-Methylnaphthalene	91-57-6	NS	ug/l	0.03 J	<0.1 U	0.04 J	0.38	0.06 J	1 J	0.95	1.4	0.29	0.25	0.15	0.5	0.14	0.28	0.28 J
2-Methylphenol (o-Cresol)	95-48-7	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	1.4 J	<5 UJ	0.57 J	0.71 J
2-Nitroaniline	88-74-4	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U
2-Nitrophenol	88-75-5	NS	ug/l	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 UJ	<10 U	<10 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	NS	ug/l	<5 U	3.5 J	<5 U	2.4 J	<5 U	<5 U	<5 U	<5 U	<5 U	2.4 J	1.2 J	13	1.4 J	3.7 J	4.9 J
3,3'-Dichlorobenzidine	91-94-1	**5**	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 UJ	<5 U	<5 U
3-Nitroaniline	99-09-2	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	ug/l	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 UJ	<10 U	<10 U
4-Bromophenyl Phenyl Ether	101-55-3	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 U	<2 U
4-Chloro-3-Methylphenol	59-50-7	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 UJ	1.6 J	<2 U
4-Chloroaniline	106-47-8	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 U	<2 U
4-Nitroaniline	100-01-6	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 UJ	<5 U	<5 U
4-Nitrophenol	100-02-7	NS	ug/l	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 UJ	<10 U	<10 U
Acenaphthene	83-32-9	**20**	ug/l	0.12	0.15	0.16	0.24	2.6	3.1 J	2	2.9	<0.1 U	1.1	0.54	1	0.31	0.51	0.42
Acenaphthylene	208-96-8	NS	ug/l	0.02 J	0.02 J	0.02 J	<0.1 U	0.13	<0.1 UJ	0.16	0.25	0.07 J	0.05 J	0.03 J	0.08 J	<0.1 U	0.03 J	<0.1 U
Acetophenone	98-86-2	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	0.59 J	1 J	<5 U	0.82 J
Aniline (Phenylamine, Aminobenzene)	62-53-3	5	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	120-12-7	50	ug/l	<0.1 U	0.08 J	0.1 J	0.07 J	<0.1 U	0.68 J	0.39	0.62	0.16	0.18	0.19 J	0.44	0.19	0.18	0.16
Atrazine	1912-24-9	7.5	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzaldehyde	100-52-7	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzidine	92-87-5	5	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	56-55-3	**0.002**	ug/l	**0.04 J**	**0.03 J**	<0.1 U	<0.1 U	**0.08 J**	**0.09 J**	<0.1 U	<0.1 U	<0.1 U	**0.12 J**	**0.06 J**	**0.07 J**	**0.05 J**	**0.08 J**	**0.04 J**
Benzo(a)pyrene	50-32-8	**0**	ug/l	<0.1 U	**0.02 J**	**0.02 J**	**0.03 J**	<0.1 U	<0.1 UJ	<0.1 U	<0.1 U	<0.1 U	**0.08 J**	**0.03 J**	<0.1 U	**0.02 J**	**0.06 J**	<0.1 U
Benzo(b)fluoranthene	205-99-2	**0.002**	ug/l	**0.02 J**	**0.02 J**	**0.02 J**	**0.03 J**	**0.14**	<0.1 UJ	<0.1 U	**0.04 J**	<0.1 U	**0.1 J**	**0.04 J**	**0.03 J**	<0.1 U	**0.07 J**	<0.1 U
Benzo(g,h,i)Perylene	191-24-2	NS	ug/l	<0.1 U	<0.1 U	<0.1 U	0.02 J	0.06 J	<0.1 UJ	<0.1 U	<0.1 U	<0.1 U	<0.1 U	0.02 J	0.02 J	<0.1 U	0.04 J	<0.1 U
Benzo(k)fluoranthene	207-08-9	**0.002**	ug/l	<0.1 U	<0.1 U	<0.1 U	**0.01 J**	**0.04 J**	<0.1 UJ	<0.1 U	<0.1 U	<0.1 U	<0.1 U	**0.01 J**	**0.01 J**	<0.1 U	**0.03 J**	<0.1 U
Benzoic Acid	65-85-0	NS	ug/l	<50 U	<50 UJ	<50 U	11 J	<50 UJ	<50 U	16 J	<50 U	<50 U	<50 U	<50 U	<50 U	57 J	30 J	66
Benzyl Alcohol	100-51-6	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	1.2 J	<2 U	0.88 J
Benzyl Butyl Phthalate	85-68-7	50	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U
Biphenyl (Diphenyl)	92-52-4	**5**	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 U	<2 U
Bis(2-chloroethoxy) methane	111-91-1	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	1	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 U	<2 U
Bis(2-chloroisopropyl) ether	108-60-1	5	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 U	<2 U	<2 UJ	<2 U	<2 U
Bis(2-ethylhexyl) phthalate	117-81-7	**5**	ug/l	<3 U	<3 U	<3 U	<3 U	<3 U	<3 U	<3 U	<3 U	<3 U	1.6 J	<3 U	<3 U	<3 UJ	<3 U	<3 U
Caprolactam	105-60-2	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbazole	86-74-8	NS	ug/l	<2 U	<2 U	<2 U	<2 U	4.6	3.1	2.5 J	4.4	1.3 J	0.87 J	<2 U	1 J	<2 UJ	<2 U	<2 U
Chrysene	218-01-9	**0.002**	ug/l	**0.02 J**	**0.02 J**	**0.02 J**	<0.1 U	**0.07 J**	<0.1 UJ	<0.1 U	<0.1 U	<0.1 U	**0.11 J**	**0.05 J**	**0.03 J**	**0.03 J**	**0.06 J**	<0.1 U
Dibenz(a,h)anthracene	53-70-3	NS	ug/l	<0.1 U	<0.1 U	0.01 J	<0.1 U	<0.1 U	<0.1 UJ	<0.1 U	<0.1 U	<0.1 U	0.02 J	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U
Dibenzofuran	132-64-9	NS	ug/l	<2 U	<2 U	<2 U	<2 U	0.85 J	1.1 J	0.84 J	1.3 J	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 U	<2 U
Dibutyl phthalate	84-74-2	50	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	3.2 J	<5 UJ	<5 U	<5 U	<5 UJ	<5 U	<5 U
Diethyl phthalate	84-66-2	**50**	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U
Dimethyl phthalate	131-11-3	50	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U
Dioctyl phthalate	117-84-0	50	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U
Diphenylamine	122-39-4	5	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	206-44-0	50	ug/l	0.1	0.11	0.11	0.06 J	0.58	0.35 J	0.21	0.36	<0.1 U	0.3 J	0.32	0.37	0.24	0.22	0.16 J
Fluorene	86-73-7	50	ug/l	0.11	0.13 J	0.15	0.17	0.62	2.4 J	1.8	2.7	0.56	0.62	0.46	0.79	0.29	0.41	0.32
Hexachlorobenzene	118-74-1	0.04	ug/l	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 UJ	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U
Hexachlorobutadiene	87-68-3	0.5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 UJ	<0.5 U	<0.5 U	<0.5 UJ	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Hexachlorocyclopentadiene	77-47-4	5	ug/l	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 UJ	<20 U	<20 U	<20 U	<20 U	<20 U	<20 UJ	<20 U	<20 U
Hexachloroethane	67-72-1	5	ug/l	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 UJ	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U
Indeno(1,2,3-cd)pyrene	193-39-5	**0.002**	ug/l	<0.1 U	<0.1 U	**0.01 J**	**0.02 J**	**0.06 J**	<0.1 UJ	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	**0.02 J**	<0.1 U	**0.04 J**	<0.1 U
Isophorone	78-59-1	50	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U
Naphthalene	91-20-3	**10**	ug/l	0.13	0.29 J	0.17	0.64	0.48	4.2 J	3.6	4.3	1.6	1.7	0.48	3	0.45	1	1.4
Nitrobenzene	98-95-3	0.4	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 U	<2 U
n-Nitrosodimethylamine	62-75-9	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Nitrosodi-N-Propylamine	621-64-7	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U
n-Nitrosodiphenylamine	86-30-6	50	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 U	<2 U
Pentachlorophenol	87-86-5	**1**	ug/l	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	0.26 J	<0.8 U	<0.8 U	0.09 J	0.26 J	<0.8 U	0.49 J	<0.8 U	0.17 J	0.24 J
Phenanthrene	85-01-8	50	ug/l	0.18	0.25	0.27	0.17	0.32	3.1 J	2.2	3.5	0.59	0.74	0.6	1	0.51	0.56	0.5
Phenol	108-95-2	**1**	ug/l	<5 U	<5 U	<5 U	**5.5**	<5 U	<5 U	0.76 J	<5 U	0.49 J	**15**	**5.7**	**42**	**36 J**	**77**	**130**
Pyrene	129-00-0	50	ug/l	0.09 J	0.1 J	0.1 J	0.05 J	0.37	<0.1 UJ	0.12	0.21	<0.1 U	0.27 J	0.27	0.3	0.21	0.18	0.12 J
Pyridine	110-86-1	50	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 2
Quarterly Groundwater Monitoring Report - October 2025
Groundwater Sample Analytical Results

Willets Point Development
Queens, New York
NYSDEC BCP Site No.: C241146B, C241146D, C241146E and C241146H
Langan Project No.: 170197605

Analyte	CAS Number	NYSDEC SGVs	Location	B-MW206	B-MW206	B-MW206	B-MW206	B-MW206	C-MW201	C-MW201	C-MW201	C-MW201	C-MW201	C-MW201	C-MW201	C-MW201	C-MW201	C-MW201
			Sample Name	B-MW206_071624	B-MW206_011625	B-MW206_042225	B-MW206_072425	B-MW206_102125	C-MW201_080422	C-MW201_021623	C-MW201_052223	C-MW201_082923	C-MW201_112823	C-MW201_071624	C-MW201_011325	C-MW201_042225	C-MW201_072425	DUP01_072425
			Sample Date	07/16/2024	01/16/2025	04/22/2025	07/24/2025	10/21/2025	08/04/2022	02/16/2023	05/22/2023	08/29/2023	11/28/2023	07/16/2024	01/13/2025	04/22/2025	07/24/2025	07/24/2025
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds																		
1,2,4,5-Tetrachlorobenzene	95-94-3	5	ug/l	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U
1,2-Dichlorobenzene	95-50-1	3	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
1,2-Diphenylhydrazine	122-66-7	**0**	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	541-73-1	3	ug/l	<2 U	<2 U	<2 UJ	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 U	<2 U
1,4-Dichlorobenzene	106-46-7	**3**	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
1,4-Dioxane (P-Dioxane)	123-91-1	**0.35**	ug/l	**0.627**	**1.78 J**	**0.851**	**1.26 J**	**0.97**	NA	**0.847 J**	**0.99**	**0.599**	**0.876**	**1.36**	**1.34**	**1.27**	**0.829 J**	**0.676 J**
2,3,4,6-Tetrachlorophenol	58-90-2	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	95-95-4	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
2,4,6-Trichlorophenol	88-06-2	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
2,4-Dichlorophenol	120-83-2	**1**	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
2,4-Dimethylphenol	105-67-9	**1**	ug/l	<5 U	**2.4 J**	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	**7.1**	<5 U	<5 U	<5 U	<5 U
2,4-Dinitrophenol	51-28-5	1	ug/l	<20 UJ	<20 U	<20 U	<20 U	<20 UJ	<20 UJ	<20 U	<20 U	<20 U	<20 U	<20 UJ	<20 UJ	<20 U	<20 U	<20 U
2,4-Dinitrotoluene	121-14-2	**5**	ug/l	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U
2,6-Dinitrotoluene	606-20-2	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
2-Chloronaphthalene	91-58-7	10	ug/l	<0.2 U	<0.2 UJ	<0.2 U	<0.2 U	<0.2 U	0.07 J	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	0.1 J	0.09 J	<0.2 U
2-Chlorophenol	95-57-8	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
2-Methylnaphthalene	91-57-6	NS	ug/l	0.15 J	0.53 J	0.48	0.39	0.48	0.32 J	0.25	0.12	0.12 J	<0.1 U	<0.1 U	4.8	5.6	0.34	0.34
2-Methylphenol (o-Cresol)	95-48-7	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
2-Nitroaniline	88-74-4	5	ug/l	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U
2-Nitrophenol	88-75-5	NS	ug/l	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	NS	ug/l	5.3	13	5.5	4.5 J	7.1	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
3,3'-Dichlorobenzidine	91-94-1	**5**	ug/l	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U
3-Nitroaniline	99-09-2	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	ug/l	<10 U	<10 U	<10 U	<10 U	<10 U	<10 UJ	<10 U	<10 U	<10 U	<10 U	<10 U	<10 UJ	<10 U	<10 U	<10 U
4-Bromophenyl Phenyl Ether	101-55-3	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
4-Chloro-3-Methylphenol	59-50-7	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
4-Chloroaniline	106-47-8	5	ug/l	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
4-Nitroaniline	100-01-6	5	ug/l	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U
4-Nitrophenol	100-02-7	NS	ug/l	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
Acenaphthene	83-32-9	**20**	ug/l	0.28	1 J	0.46	0.52	<0.1 U	0.98	5	4.2	3.7	2.7	**28**	**38**	**30**	7.6	7.6
Acenaphthylene	208-96-8	NS	ug/l	0.03 J	0.06 J	0.05 J	<0.1 U	0.04 J	0.04 J	0.08 J	0.07 J	0.07 J	0.06 J	<0.1 U	0.32 J	0.24	0.08 J	0.08 J
Acetophenone	98-86-2	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Aniline (Phenylamine, Aminobenzene)	62-53-3	5	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	120-12-7	50	ug/l	<0.1 U	0.51 J	0.1 J	0.16	0.17	0.06 J	0.13 J	0.12 J	0.16	0.13	0.43	0.72 J	0.61	0.18	0.16
Atrazine	1912-24-9	7.5	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzaldehyde	100-52-7	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzidine	92-87-5	5	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	56-55-3	**0.002**	ug/l	<0.1 U	**0.15 J**	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	**0.05 J**	**0.03 J**	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U
Benzo(a)pyrene	50-32-8	**0**	ug/l	<0.1 U	<0.1 UJ	<0.1 U	<0.1 U	<0.1 U	**0.06 J**	**0.03 J**	**0.02 J**	<0.1 U	**0.03 J**	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U
Benzo(b)fluoranthene	205-99-2	**0.002**	ug/l	<0.1 U	<0.1 UJ	<0.1 U	<0.1 U	<0.1 U	<0.1 U	**0.04 J**	**0.02 J**	**0.02 J**	**0.03 J**	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U
Benzo(g,h,i)Perylene	191-24-2	NS	ug/l	<0.1 U	0.06 J	<0.1 U	<0.1 U	<0.1 U	0.05 J	0.03 J	0.02 J	<0.1 U	0.02 J	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U
Benzo(k)fluoranthene	207-08-9	**0.002**	ug/l	<0.1 U	<0.1 UJ	<0.1 U	<0.1 U	<0.1 U	**0.03 J**	**0.01 J**	**0.01 J**	<0.1 U	**0.02 J**	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U
Benzoic Acid	65-85-0	NS	ug/l	37 J	30 J	24 J	<50 U	<50 U	<50 U	<50 U	<50 U	<50 UJ	<50 UJ	<50 UJ	<50 UJ	<50 U	<50 U	<50 U
Benzyl Alcohol	100-51-6	NS	ug/l	<2 U	0.94 J	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
Benzyl Butyl Phthalate	85-68-7	50	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Biphenyl (Diphenyl)	92-52-4	**5**	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	0.96 J	<2 U	<2 U
Bis(2-chloroethoxy) methane	111-91-1	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	1	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
Bis(2-chloroisopropyl) ether	108-60-1	5	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
Bis(2-ethylhexyl) phthalate	117-81-7	**5**	ug/l	<3 U	<3 U	<3 U	<3 U	<3 U	<3 U	<3 U	<3 U	<3 U	1.5 J	<3 U	<3 U	<3 U	<3 U	<3 U
Caprolactam	105-60-2	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbazole	86-74-8	NS	ug/l	<2 U	0.99 J	0.92 J	0.66 J	0.94 J	<2 U	0.74 J	0.63 J	<2 U	<2 U	3.5	2.5	6 J	<2 U	<2 U
Chrysene	218-01-9	**0.002**	ug/l	<0.1 U	**0.08 J**	<0.1 U	<0.1 U	<0.1 U	**0.07 J**	**0.03 J**	**0.02 J**	**0.01 J**	**0.02 J**	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U
Dibenz(a,h)anthracene	53-70-3	NS	ug/l	<0.1 U	<0.1 UJ	<0.1 U	<0.1 U	<0.1 U	0.01 J	<0.1 U	<0.1 U	<0.1 U	0.02 J	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U
Dibenzofuran	132-64-9	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	0.88 J	0.81 J	<2 U	<2 U	4.4	5.6	12	<2 U	<2 U
Dibutyl phthalate	84-74-2	50	ug/l	<5 U	<5 U	<5 U	<5 U	2.9 J	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Diethyl phthalate	84-66-2	**50**	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	**150**	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Dimethyl phthalate	131-11-3	50	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Dioctyl phthalate	117-84-0	50	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Diphenylamine	122-39-4	5	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	206-44-0	50	ug/l	0.09 J	0.35 J	0.12	0.19	0.14	0.13	0.11	0.1 J	0.1 J	0.06 J	0.91	1.5	1.2	0.25	0.23
Fluorene	86-73-7	50	ug/l	0.18	0.54 J	0.26	0.3	0.33	0.05 J	0.9	0.79	0.34	0.12	7.4	11	11	0.7	0.73
Hexachlorobenzene	118-74-1	0.04	ug/l	<0.8 U	<0.8 UJ	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U
Hexachlorobutadiene	87-68-3	0.5	ug/l	<0.5 U	<0.5 UJ	<0.5 UJ	<0.5 U	<0.5 UJ	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 UJ	<0.5 UJ	<0.5 U	<0.5 U
Hexachlorocyclopentadiene	77-47-4	5	ug/l	<20 U	<20 U	<20 UJ	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 UJ	<20 U	<20 U
Hexachloroethane	67-72-1	5	ug/l	<0.8 U	<0.8 UJ	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U
Indeno(1,2,3-cd)pyrene	193-39-5	**0.002**	ug/l	<0.1 U	<0.1 UJ	<0.1 U	<0.1 U	<0.1 U	**0.05 J**	**0.03 J**	**0.01 J**	<0.1 U	**0.02 J**	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U
Isophorone	78-59-1	50	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Naphthalene	91-20-3	**10**	ug/l	<0.69 U	3 J	2.3	1.6	2.4	2.7	**19**	**12**	8.4	1.4	<0.1 U	**110**	**190**	**16**	**18**
Nitrobenzene	98-95-3	0.4	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
n-Nitrosodimethylamine	62-75-9	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Nitrosodi-N-Propylamine	621-64-7	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
n-Nitrosodiphenylamine	86-30-6	50	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
Pentachlorophenol	87-86-5	**1**	ug/l	0.19 J	0.9 J	0.36 J	0.84 J	0.56 J	<0.8 UJ	<0.8 U	<0.8 U	<0.8 U	<0.8 U	0.11 J	<0.8 U	<0.8 U	<0.8 U	<0.8 U
Phenanthrene	85-01-8	50	ug/l	0.29	1 J	0.37	0.53	0.57	0.16	0.49	0.37	0.28	0.11	4.8	7.9	7.4	0.81	0.81
Phenol	108-95-2	**1**	ug/l	**130**	**190**	**100**	**66**	**98**	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Pyrene	129-00-0	50	ug/l	0.08 J	<0.1 UJ	0.11	0.16	0.12	0.19	0.15	0.15	0.17	0.12	0.5	0.78 J	0.56	0.2	0.19
Pyridine	110-86-1	50	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 2
Quarterly Groundwater Monitoring Report - October 2025
Groundwater Sample Analytical Results

Willets Point Development
Queens, New York
NYSDEC BCP Site No.: C241146B, C241146D, C241146E and C241146H
Langan Project No.: 170197605

Analyte	CAS Number	NYSDEC SGVs	Location	C-MW201	C-MW205	C-MW205	C-MW205	C-MW205	C-MW205	C-MW205	C-MW205	C-MW205	C-MW205	C-MW205	C-MW205	C-MW205	C-MW205	C-MW205	C-MW205
			Sample Name	C-MW201_102125	C-MW205_080322	GWDUP01_080322	C-MW205_021623	C-MW205_052223	C-MW205_083023	GWDUP01_083023	C-MW205_112823	C-MW205_032524	C-MW205_071724	C-MW205_020725	C-MW205_042325	C-MW205_072425	C-MW205_102125	DUP01_102125
			Sample Date	10/21/2025	08/03/2022	08/03/2022	02/16/2023	05/22/2023	08/30/2023	08/30/2023	11/28/2023	03/25/2024	07/17/2024	02/07/2025	04/23/2025	07/24/2025	10/21/2025	10/21/2025
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds																		
1,2,4,5-Tetrachlorobenzene	95-94-3	5	ug/l	<10 U	<10 U	<10 U	<10 U	<10 U	<10 UJ	<10 UJ	<10 U	<10 U	<10 U	<10 UJ	<10 U	<10 U	<10 U	<10 U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5 U
1,2-Dichlorobenzene	95-50-1	3	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 UJ	<2 U	<2 U	<2 U	<2 UJ	<2 U	<2 U	<2 U	<2 U
1,2-Diphenylhydrazine	122-66-7	**0**	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	541-73-1	3	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 UJ	<2 U	<2 U	<2 U	<2 UJ	<2 UJ	<2 U	<2 U	<2 U
1,4-Dichlorobenzene	106-46-7	**3**	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 UJ	<2 U	<2 U	<2 U	<2 UJ	<2 U	<2 U	<2 U	<2 U
1,4-Dioxane (P-Dioxane)	123-91-1	**0.35**	ug/l	**1.43**	NA	NA	**0.42 J**	**1.61**	NA	NA	**3.32**	**1.43**	**1.84**	**3.08**	**2.62**	**2.82 J**	**3.16**	**3.68**
2,3,4,6-Tetrachlorophenol	58-90-2	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	95-95-4	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U
2,4,6-Trichlorophenol	88-06-2	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U
2,4-Dichlorophenol	120-83-2	**1**	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U
2,4-Dimethylphenol	105-67-9	**1**	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5 U	<5 UJ	**2.8 J**	**2.7 J**	<5 U	<5 U
2,4-Dinitrophenol	51-28-5	1	ug/l	<20 UJ	<20 U	<20 U	<20 U	<20 U	<20 UJ	<20 UJ	<20 U	<20 U	<20 U	<20 UJ	<20 U	<20 U	<20 UJ	<20 UJ
2,4-Dinitrotoluene	121-14-2	**5**	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5 U
2,6-Dinitrotoluene	606-20-2	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U
2-Chloronaphthalene	91-58-7	10	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
2-Chlorophenol	95-57-8	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 UJ	<2 U	<2 U	<2 U	<2 UJ	<2 U	<2 U	<2 U	<2 U
2-Methylnaphthalene	91-57-6	NS	ug/l	7.3	1.2	1.4	0.15	0.32	0.23	0.24	<0.1 U	0.58	0.89	0.54	0.94	0.83	0.22 J	0.34 J
2-Methylphenol (o-Cresol)	95-48-7	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 UJ	<5 U	0.86 J	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U
2-Nitroaniline	88-74-4	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5 U
2-Nitrophenol	88-75-5	NS	ug/l	<10 U	<10 U	<10 U	<10 U	<10 U	<10 UJ	<10 UJ	<10 U	<10 U	<10 U	<10 UJ	<10 U	<10 U	<10 U	<10 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	NS	ug/l	<5 U	1.2 J	1.4 J	<5 U	<5 U	<5 UJ	<5 UJ	2.2 J	4.4 J	4.8 J	3 J	4.2 J	8.4	<5 U	5
3,3'-Dichlorobenzidine	91-94-1	**5**	ug/l	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5 U
3-Nitroaniline	99-09-2	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	ug/l	<10 U	<10 U	<10 U	<10 U	<10 U	<10 UJ	<10 UJ	<10 U	<10 U	<10 U	<10 UJ	<10 U	<10 U	<10 U	<10 U
4-Bromophenyl Phenyl Ether	101-55-3	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 UJ	<2 U	<2 U	<2 U	<2 UJ	<2 U	<2 U	<2 U	<2 U
4-Chloro-3-Methylphenol	59-50-7	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 UJ	<2 U	<2 U	<2 U	<2 UJ	<2 U	<2 U	<2 U	<2 U
4-Chloroaniline	106-47-8	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 UJ	<2 U	<2 U	<2 U	<2 UJ	<2 U	<2 U	<2 U	<2 U
4-Nitroaniline	100-01-6	5	ug/l	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5 U
4-Nitrophenol	100-02-7	NS	ug/l	<10 U	<10 U	<10 U	<10 U	<10 U	<10 UJ	<10 UJ	<10 U	<10 U	<10 U	<10 UJ	<10 U	<10 U	<10 U	<10 U
Acenaphthene	83-32-9	**20**	ug/l	**66**	0.88	1	0.11	0.21	0.26	0.27	0.32	0.47	0.71	0.55	0.71	0.69	0.31 J	<0.1 UJ
Acenaphthylene	208-96-8	NS	ug/l	0.43	0.06 J	0.08 J	<0.1 U	0.07 J	0.08 J	0.08 J	<0.1 U	0.05 J	<0.1 U	<0.1 U	0.08 J	<0.1 U	<0.1 U	<0.1 U
Acetophenone	98-86-2	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U
Aniline (Phenylamine, Aminobenzene)	62-53-3	5	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	120-12-7	50	ug/l	1.6	0.27	0.34	<0.1 U	0.18 J	0.32	0.34	0.46	0.28	0.2	0.37	0.28	0.33	0.27	0.3
Atrazine	1912-24-9	7.5	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzaldehyde	100-52-7	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzidine	92-87-5	5	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	56-55-3	**0.002**	ug/l	**0.11 J**	<0.1 U	<0.1 U	<0.1 U	**0.07 J**	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U
Benzo(a)pyrene	50-32-8	**0**	ug/l	<0.1 U	<0.1 U	<0.1 U	<0.1 U	**0.04 J**	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U
Benzo(b)fluoranthene	205-99-2	**0.002**	ug/l	<0.1 U	<0.1 U	<0.1 U	**0.01 J**	**0.05 J**	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U
Benzo(g,h,i)Perylene	191-24-2	NS	ug/l	<0.1 U	<0.1 U	<0.1 U	<0.1 U	0.04 J	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U
Benzo(k)fluoranthene	207-08-9	**0.002**	ug/l	<0.1 U	<0.1 U	<0.1 U	<0.1 U	**0.02 J**	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U
Benzoic Acid	65-85-0	NS	ug/l	<50 U	<50 U	<50 U	<50 U	<50 U	<50 UJ	<50 UJ	13 J	22 J	22 J	7.4 J	17 J	20 J	<50 U	17 J
Benzyl Alcohol	100-51-6	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 UJ	<2 U	<2 U	<2 U	<2 UJ	<2 U	<2 U	<2 U	<2 U
Benzyl Butyl Phthalate	85-68-7	50	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U
Biphenyl (Diphenyl)	92-52-4	**5**	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 UJ	<2 U	<2 U	<2 U	<2 UJ	<2 U	<2 U	<2 U	<2 U
Bis(2-chloroethoxy) methane	111-91-1	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	1	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 UJ	<2 U	<2 U	<2 U	<2 UJ	<2 U	<2 U	<2 U	<2 U
Bis(2-chloroisopropyl) ether	108-60-1	5	ug/l	<2 U	<2 UJ	<2 UJ	<2 U	<2 U	<2 UJ	<2 UJ	<2 U	<2 U	<2 U	<2 UJ	<2 U	<2 U	<2 U	<2 U
Bis(2-ethylhexyl) phthalate	117-81-7	**5**	ug/l	<3 U	<3 UJ	<3 UJ	<3 U	<3 U	<3 UJ	<3 UJ	2.8 J	<3 U	<3 U	1.4 J	<3 U	<3 U	<3 U	<3 U
Caprolactam	105-60-2	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbazole	86-74-8	NS	ug/l	<2 U	0.6 J	0.66 J	<2 U	<2 U	<2 UJ	<2 UJ	<2 U	<2 U	<2 U	0.47 J	0.6 J	<2 U	<2 U	<2 U
Chrysene	218-01-9	**0.002**	ug/l	<0.1 U	<0.1 U	<0.1 U	<0.1 U	**0.04 J**	<0.1 U	<0.1 U	**0.02 J**	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U
Dibenz(a,h)anthracene	53-70-3	NS	ug/l	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U
Dibenzofuran	132-64-9	NS	ug/l	6.6	0.53 J	0.54 J	<2 U	<2 U	<2 UJ	<2 UJ	<2 U	<2 U	<2 U	<2 UJ	<2 U	<2 U	<2 U	<2 U
Dibutyl phthalate	84-74-2	50	ug/l	2.6 J	<5 UJ	<5 UJ	<5 U	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5 U	15 J	<5 U	<5 U	3.7 J	3.4 J
Diethyl phthalate	84-66-2	**50**	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U
Dimethyl phthalate	131-11-3	50	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U
Dioctyl phthalate	117-84-0	50	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U
Diphenylamine	122-39-4	5	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	206-44-0	50	ug/l	2.8	0.11 J	0.15 J	<0.1 U	0.13	0.11	0.12	0.14	0.09 J	0.14	0.14	0.1	<0.1 U	0.14	0.1
Fluorene	86-73-7	50	ug/l	20	0.59	0.69	<0.1 U	0.23	0.27	0.28	<0.1 U	0.35	0.54	0.44	0.58	0.55	0.43	0.39
Hexachlorobenzene	118-74-1	0.04	ug/l	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U
Hexachlorobutadiene	87-68-3	0.5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 UJ	<0.5 UJ
Hexachlorocyclopentadiene	77-47-4	5	ug/l	<20 U	<20 U	<20 U	<20 U	<20 U	<20 UJ	<20 UJ	<20 U	<20 U	<20 U	<20 UJ	<20 UJ	<20 U	<20 U	<20 U
Hexachloroethane	67-72-1	5	ug/l	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U
Indeno(1,2,3-cd)pyrene	193-39-5	**0.002**	ug/l	<0.1 U	<0.1 U	<0.1 U	<0.1 U	**0.04 J**	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U
Isophorone	78-59-1	50	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U
Naphthalene	91-20-3	**10**	ug/l	**230**	4.1	4.8	0.81	0.92	0.76	0.81	1	2.6	4.3	2.4	3.6	3.5	1 J	1.6 J
Nitrobenzene	98-95-3	0.4	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 UJ	<2 U	<2 U	<2 U	<2 UJ	<2 U	<2 U	<2 U	<2 U
n-Nitrosodimethylamine	62-75-9	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Nitrosodi-N-Propylamine	621-64-7	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U
n-Nitrosodiphenylamine	86-30-6	50	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 UJ	<2 U	<2 U	<2 U	<2 UJ	<2 U	<2 U	<2 U	<2 U
Pentachlorophenol	87-86-5	**1**	ug/l	<0.8 U	0.26 J	0.29 J	0.15 J	0.11 J	<0.8 U	<0.8 U	0.12 J	<0.8 U	0.08 J	<0.8 U	<0.8 U	<0.8 U	<0.8 UJ	0.15 J
Phenanthrene	85-01-8	50	ug/l	15	0.68	0.78	0.05 J	0.22	0.33	0.34	0.49	0.32	0.53	0.51	0.58	0.58	0.62 J	0.41 J
Phenol	108-95-2	**1**	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 UJ	**66**	**46**	**47**	**24 J**	**19**	**86**	**1.1 J**	**82 J**
Pyrene	129-00-0	50	ug/l	1.4	0.1 J	0.13 J	0.02 J	0.13	0.09 J	0.09 J	<0.1 U	0.07 J	0.1	0.1	0.08 J	0.09 J	0.1 J	0.08 J
Pyridine	110-86-1	50	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 2
Quarterly Groundwater Monitoring Report - October 2025
Groundwater Sample Analytical Results

Willets Point Development
Queens, New York
NYSDEC BCP Site No.: C241146B, C241146D, C241146E and C241146H
Langan Project No.: 170197605

Analyte	CAS Number	NYSDEC SGVs	Location	C-MW206	C-MW206	C-MW206	C-MW206	C-MW206	C-MW206	C-MW206	C-MW206	C-MW206	C-MW206	C-MW206	C-MW206	C-MW206	C-RMW01	C-RMW01
			Sample Name	C-MW206_021623	C-MW206_052223	GWDUP01_052223	C-MW206_083023	C-MW206_112823	GWDUP01_112823	C-MW206_040524	C-MW206_071624	GWDUP01_071624	C-MW206_011325	C-MW206_042125	C-MW206_072425	C-MW206_102025	C-RMW01_080422	C-RMW01_021623
			Sample Date	02/16/2023	05/22/2023	05/22/2023	08/30/2023	11/28/2023	11/28/2023	04/05/2024	07/16/2024	07/16/2024	01/13/2025	04/21/2025	07/24/2025	10/20/2025	08/04/2022	02/16/2023
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds																		
1,2,4,5-Tetrachlorobenzene	95-94-3	5	ug/l	<50 U	<10 U	<10 U	<10 UJ	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 UJ
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<25 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 UJ
1,2-Dichlorobenzene	95-50-1	3	ug/l	<10 U	<2 U	<2 U	<2 UJ	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 U	<2 U	<2 U	0.56 J
1,2-Diphenylhydrazine	122-66-7	**0**	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	541-73-1	3	ug/l	<10 U	<2 U	<2 U	<2 UJ	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 U	<2 U	<2 U	<2 UJ
1,4-Dichlorobenzene	106-46-7	**3**	ug/l	<10 U	<2 U	<2 U	<2 UJ	<2 U	<2 U	<2 U	<2 U	<2 U	1.6 J	<2 UJ	<2 U	<2 U	<2 U	<2 UJ
1,4-Dioxane (P-Dioxane)	123-91-1	**0.35**	ug/l	**11 J**	**1.93 J**	**3.56 J**	NA	**4.19**	**4.19**	**1.05**	**4.82**	**5.13**	**12.6**	**8.74**	**10.3**	**11.9**	NA	**4.9 J**
2,3,4,6-Tetrachlorophenol	58-90-2	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	95-95-4	NS	ug/l	<25 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ
2,4,6-Trichlorophenol	88-06-2	NS	ug/l	<25 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ
2,4-Dichlorophenol	120-83-2	**1**	ug/l	<25 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ
2,4-Dimethylphenol	105-67-9	**1**	ug/l	**20 J**	**4.2 J**	**7.3**	**11 J**	**9**	**9**	**1.9 J**	**6.4**	<5 U	<5 U	<5 U	**7.5**	**10**	**1.8 J**	**1.8 J**
2,4-Dinitrophenol	51-28-5	1	ug/l	<100 U	<20 U	<20 U	<20 UJ	<20 U	<20 U	<20 U	<20 U	<20 UJ	<20 UJ	<20 UJ	<20 U	<20 UJ	<20 UJ	<20 UJ
2,4-Dinitrotoluene	121-14-2	**5**	ug/l	<25 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ
2,6-Dinitrotoluene	606-20-2	5	ug/l	<25 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ
2-Chloronaphthalene	91-58-7	10	ug/l	<1 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.4 U	<0.2 U
2-Chlorophenol	95-57-8	NS	ug/l	<10 U	<2 U	<2 U	<2 UJ	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 UJ
2-Methylnaphthalene	91-57-6	NS	ug/l	30	19 J	26 J	23	28	27	21	18	17	18	13	8.3	12	1.2	0.66
2-Methylphenol (o-Cresol)	95-48-7	NS	ug/l	25	4.8 J	8.5	11 J	8.3	8.1	1.6 J	4.3 J	<5 U	<5 U	<5 U	<5 U	<5 U	7.9	2.7 J
2-Nitroaniline	88-74-4	5	ug/l	<25 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ
2-Nitrophenol	88-75-5	NS	ug/l	<50 U	<10 U	<10 U	<10 UJ	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 UJ
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	NS	ug/l	200	21 J	40 J	71 J	34	33	3.3 J	24 J	<5 UJ	7.9	7.7	2.8 J	1.8 J	<5 U	13 J
3,3'-Dichlorobenzidine	91-94-1	**5**	ug/l	<25 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ
3-Nitroaniline	99-09-2	5	ug/l	<25 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ
4,6-Dinitro-2-Methylphenol	534-52-1	NS	ug/l	<50 U	<10 U	<10 U	<10 UJ	<10 U	<10 U	<10 U	<10 U	<10 U	<10 UJ	<10 U	<10 U	<10 U	<10 UJ	<10 UJ
4-Bromophenyl Phenyl Ether	101-55-3	NS	ug/l	<10 U	<2 U	<2 U	<2 UJ	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 UJ
4-Chloro-3-Methylphenol	59-50-7	NS	ug/l	<10 U	<2 U	<2 U	<2 UJ	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 UJ
4-Chloroaniline	106-47-8	5	ug/l	<25 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 UJ
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	ug/l	<10 U	<2 U	<2 U	<2 UJ	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 UJ
4-Nitroaniline	100-01-6	5	ug/l	<25 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ
4-Nitrophenol	100-02-7	NS	ug/l	<50 U	<10 U	<10 U	<10 UJ	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 UJ
Acenaphthene	83-32-9	**20**	ug/l	0.66	0.51	0.57	0.54	0.53	0.52	0.78	0.59	0.62	0.38	0.22	0.29	0.38	0.46	0.28 J
Acenaphthylene	208-96-8	NS	ug/l	<0.5 U	0.09 J	0.13	0.15	<0.1 U	<0.1 U	0.11	0.12	0.1	<0.1 U	<0.1 U	<0.1 U	0.1	<0.2 U	<0.1 U
Acetophenone	98-86-2	NS	ug/l	18 J	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	100	44	12	5.7	<5 U	<5 UJ
Aniline (Phenylamine, Aminobenzene)	62-53-3	5	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	120-12-7	50	ug/l	1	0.28 J	0.45 J	0.74	0.66	0.64	0.29	0.41	0.41	0.83	0.13	0.14	1.2	0.47	0.36
Atrazine	1912-24-9	7.5	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzaldehyde	100-52-7	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzidine	92-87-5	5	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	56-55-3	**0.002**	ug/l	**0.34 J**	**0.06 J**	**0.09 J**	**0.12**	<0.1 U	<0.1 U	**0.09 J**	<0.1 U	**0.09 J**	**0.66**	**0.32**	**0.15 J**	**0.57**	<0.2 U	**0.25**
Benzo(a)pyrene	50-32-8	**0**	ug/l	<0.5 U	**0.02 J**	<0.1 U	**0.03 J**	**0.04 J**	**0.04 J**	**0.08 J**	**0.02 J**	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.2 U	**0.04 J**
Benzo(b)fluoranthene	205-99-2	**0.002**	ug/l	**0.08 J**	**0.02 J**	<0.1 U	<0.1 U	<0.1 U	<0.1 U	**0.08 J**	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	**0.08 J**	<0.2 U	**0.07 J**
Benzo(g,h,i)Perylene	191-24-2	NS	ug/l	<0.5 U	<0.1 U	0.02 J	<0.1 U	0.02 J	0.03 J	0.04 J	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.2 U	0.03 J
Benzo(k)fluoranthene	207-08-9	**0.002**	ug/l	<0.5 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	**0.03 J**	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	**0.07 J**	<0.2 U	<0.1 U
Benzoic Acid	65-85-0	NS	ug/l	800	69 J	130 J	370 J	140 J	120 J	9.7 J	71 J	<50 UJ	2,000 J	790 J	<50 U	<50 U	<50 UJ	170 J
Benzyl Alcohol	100-51-6	NS	ug/l	16	2.1 J	5.2 J	12 J	4.7	4.6	<2 U	<2 U	<2 U	82	23	3	<2 U	<2 U	<2 UJ
Benzyl Butyl Phthalate	85-68-7	50	ug/l	<25 U	<5 U	<5 U	<5 UJ	<5 U	3.2 J	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ
Biphenyl (Diphenyl)	92-52-4	**5**	ug/l	<10 U	<2 U	0.61 J	0.76 J	0.88 J	0.86 J	0.51 J	<2 U	<2 U	<2 U	<2 U	<2 U	0.59 J	<2 U	<2 UJ
Bis(2-chloroethoxy) methane	111-91-1	5	ug/l	<25 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	1	ug/l	<10 U	<2 U	<2 U	<2 UJ	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 UJ
Bis(2-chloroisopropyl) ether	108-60-1	5	ug/l	<10 U	<2 U	<2 U	<2 UJ	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 UJ
Bis(2-ethylhexyl) phthalate	117-81-7	**5**	ug/l	<15 U	<3 U	<3 U	<3 UJ	2 J	<3 U	1.8 J	<3 U	<3 U	1.8 J	<3 U	<3 U	1.6 J	<3 U	<3 UJ
Caprolactam	105-60-2	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbazole	86-74-8	NS	ug/l	<10 U	1.1 J	1.5 J	1.7 J	1.5 J	1.3 J	0.85 J	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 UJ
Chrysene	218-01-9	**0.002**	ug/l	<0.5 U	**0.02 J**	**0.02 J**	**0.03 J**	<0.1 U	<0.1 U	**0.07 J**	<0.1 U	<0.1 U	**0.08 J**	<0.1 U	**0.1**	**0.07 J**	<0.2 U	**0.03 J**
Dibenz(a,h)anthracene	53-70-3	NS	ug/l	<0.5 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	0.02 J	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.2 U	<0.1 U
Dibenzofuran	132-64-9	NS	ug/l	<10 U	<2 U	<2 U	<2 UJ	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 UJ
Dibutyl phthalate	84-74-2	50	ug/l	<25 U	<5 U	1.1 J	<5 UJ	1 J	<5 U	0.89 J	<5 U	<5 U	2.3 J	<5 U	<5 U	3.8 J	<5 U	<5 UJ
Diethyl phthalate	84-66-2	**50**	ug/l	8.9 J	1.3 J	2 J	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	0.96 J
Dimethyl phthalate	131-11-3	50	ug/l	<25 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ
Dioctyl phthalate	117-84-0	50	ug/l	<25 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ
Diphenylamine	122-39-4	5	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	206-44-0	50	ug/l	0.34 J	0.22	0.29	0.3	0.32	0.32	0.32	0.28	0.27	0.33	0.1	0.11	0.17	<0.2 U	0.16
Fluorene	86-73-7	50	ug/l	<0.5 U	0.54	0.59	0.52	0.64	0.6	0.76	0.62	0.69	0.61	0.23	0.28	0.29	0.23	<0.1 U
Hexachlorobenzene	118-74-1	0.04	ug/l	<4 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<1.6 U	<0.8 U
Hexachlorobutadiene	87-68-3	0.5	ug/l	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 UJ	<0.5 UJ	<0.5 U	<0.5 U	<1 U	<0.5 U
Hexachlorocyclopentadiene	77-47-4	5	ug/l	<100 U	<20 U	<20 U	<20 UJ	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 UJ	<20 U	<20 U	<20 U	<20 UJ
Hexachloroethane	67-72-1	5	ug/l	<4 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 UJ	<0.8 U	<0.8 U	<1.6 U	<0.8 U
Indeno(1,2,3-cd)pyrene	193-39-5	**0.002**	ug/l	<0.5 U	**0.01 J**	**0.02 J**	<0.1 U	**0.02 J**	**0.03 J**	**0.04 J**	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.2 U	**0.03 J**
Isophorone	78-59-1	50	ug/l	<25 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ
Naphthalene	91-20-3	**10**	ug/l	**77**	**36 J**	**55 J**	**63**	**59**	**59**	**43**	**32**	**29**	**44**	**29**	**20**	**34**	7.1	1.5
Nitrobenzene	98-95-3	0.4	ug/l	<10 U	<2 U	<2 U	<2 UJ	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 UJ
n-Nitrosodimethylamine	62-75-9	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Nitrosodi-N-Propylamine	621-64-7	NS	ug/l	<25 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ
n-Nitrosodiphenylamine	86-30-6	50	ug/l	<10 U	<2 U	<2 U	<2 UJ	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 UJ
Pentachlorophenol	87-86-5	**1**	ug/l	<4 U	0.85 J	**1.1 J**	<0.8 U	0.26 J	0.18 J	0.12 J	0.25 J	0.25 J	<0.8 U	0.17 J	<0.8 U	<0.8 U	<1.6 UJ	<0.8 U
Phenanthrene	85-01-8	50	ug/l	1.6	0.79	1	1.1	1.4	1.3	1.3	1.1	0.99	1.4	0.6	0.55	0.67	0.25	0.24
Phenol	108-95-2	**1**	ug/l	**110**	**23 J**	**50 J**	**75 J**	**58**	**58**	**3.1 J**	**40 J**	<5 UJ	**25**	**23**	**2 J**	**2.6 J**	<5 U	**10 J**
Pyrene	129-00-0	50	ug/l	0.3 J	0.19	0.25	0.33	0.3	0.28	0.26	0.28	0.21	0.17	0.06 J	0.08 J	0.16	0.09 J	<0.1 U
Pyridine	110-86-1	50	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 2
Quarterly Groundwater Monitoring Report - October 2025
Groundwater Sample Analytical Results

Willets Point Development
Queens, New York
NYSDEC BCP Site No.: C241146B, C241146D, C241146E and C241146H
Langan Project No.: 170197605

Analyte	CAS Number	NYSDEC SGVs	Location	C-RMW01	C-RMW01	C-RMW01	C-RMW01	C-RMW01	C-RMW01	C-RMW01	C-RMW01	C-RMW01	C-RMW01	D-MW201	D-MW201	D-MW201	D-MW201
			Sample Name	WDUP01_021623	C-RMW01_052223	C-RMW01_083023	C-RMW01_112823	C-RMW01_032524	C-RMW01_071624	C-RMW01_011325	C-RMW01_042225	C-RMW01_072425	C-RMW01_102125	D-MW201_080522	D-MW201_052323	D-MW201_083023	D-MW201_112923
			Sample Date	02/16/2023	05/22/2023	08/30/2023	11/28/2023	03/25/2024	07/16/2024	01/13/2025	04/22/2025	07/24/2025	10/21/2025	08/05/2022	05/23/2023	08/30/2023	11/29/2023
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds																	
1,2,4,5-Tetrachlorobenzene	95-94-3	5	ug/l	<10 UJ	<10 U	<10 UJ	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 UJ	<10 U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<5 UJ	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U
1,2-Dichlorobenzene	95-50-1	3	ug/l	0.6 J	<2 U	0.67 J	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 U
1,2-Diphenylhydrazine	122-66-7	**0**	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	541-73-1	3	ug/l	<2 UJ	<2 U	<2 UJ	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 U
1,4-Dichlorobenzene	106-46-7	**3**	ug/l	<2 UJ	<2 U	<2 UJ	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 U
1,4-Dioxane (P-Dioxane)	123-91-1	**0.35**	ug/l	**4.85 J**	**0.854**	NA	**2.54**	**0.54**	**0.987**	**5.22**	**5.85**	**6.1**	**6.8**	NA	0.172	NA	0.249
2,3,4,6-Tetrachlorophenol	58-90-2	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	95-95-4	NS	ug/l	<5 UJ	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U
2,4,6-Trichlorophenol	88-06-2	NS	ug/l	<5 UJ	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U
2,4-Dichlorophenol	120-83-2	**1**	ug/l	<5 UJ	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U
2,4-Dimethylphenol	105-67-9	**1**	ug/l	<5 UJ	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 UJ	<5 U
2,4-Dinitrophenol	51-28-5	1	ug/l	<20 UJ	<20 U	<20 UJ	<20 U	<20 U	<20 UJ	<20 UJ	<20 U	<20 U	<20 UJ	<20 U	<20 U	<20 UJ	<20 U
2,4-Dinitrotoluene	121-14-2	**5**	ug/l	<5 UJ	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U
2,6-Dinitrotoluene	606-20-2	5	ug/l	<5 UJ	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U
2-Chloronaphthalene	91-58-7	10	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
2-Chlorophenol	95-57-8	NS	ug/l	<2 UJ	<2 U	<2 UJ	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 U
2-Methylnaphthalene	91-57-6	NS	ug/l	0.69	0.19	1.2	0.32	<0.1 U	0.22 J	0.66 J	0.22	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	0.06 J
2-Methylphenol (o-Cresol)	95-48-7	NS	ug/l	2.6 J	<5 U	0.77 J	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U
2-Nitroaniline	88-74-4	5	ug/l	<5 UJ	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U
2-Nitrophenol	88-75-5	NS	ug/l	<10 UJ	<10 U	<10 UJ	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 UJ	<10 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	NS	ug/l	13 J	<5 U	1.6 J	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U
3,3'-Dichlorobenzidine	91-94-1	**5**	ug/l	<5 UJ	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U
3-Nitroaniline	99-09-2	5	ug/l	<5 UJ	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	ug/l	<10 UJ	<10 U	<10 UJ	<10 U	<10 U	<10 U	<10 UJ	<10 U	<10 U	<10 U	<10 U	<10 U	<10 UJ	<10 U
4-Bromophenyl Phenyl Ether	101-55-3	NS	ug/l	<2 UJ	<2 U	<2 UJ	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 U
4-Chloro-3-Methylphenol	59-50-7	NS	ug/l	<2 UJ	<2 U	<2 UJ	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 U
4-Chloroaniline	106-47-8	5	ug/l	<5 UJ	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 UJ	<5 U	<5 UJ	<5 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	ug/l	<2 UJ	<2 U	<2 UJ	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 U
4-Nitroaniline	100-01-6	5	ug/l	<5 UJ	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U
4-Nitrophenol	100-02-7	NS	ug/l	<10 UJ	<10 U	<10 UJ	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 UJ	<10 U
Acenaphthene	83-32-9	**20**	ug/l	<0.1 UJ	0.12	0.33	0.16	0.08 J	0.12	0.46 J	0.34	0.44	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U
Acenaphthylene	208-96-8	NS	ug/l	<0.1 U	<0.1 U	0.05 J	<0.1 U	0.02 J	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U
Acetophenone	98-86-2	NS	ug/l	<5 UJ	<5 U	<5 UJ	<5 U	<5 U	<5 U	1.3 J	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U
Aniline (Phenylamine, Aminobenzene)	62-53-3	5	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	120-12-7	50	ug/l	0.37	<0.1 U	0.26	0.14	0.03 J	0.04 J	0.28 J	0.15	0.34	0.34	<0.1 UJ	<0.1 U	0.02 J	0.02 J
Atrazine	1912-24-9	7.5	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzaldehyde	100-52-7	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzidine	92-87-5	5	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	56-55-3	**0.002**	ug/l	**0.19**	**0.04 J**	**0.09 J**	<0.1 U	**0.04 J**	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U
Benzo(a)pyrene	50-32-8	**0**	ug/l	**0.02 J**	<0.1 U	**0.05 J**	**0.02 J**	**0.04 J**	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	**0.02 J**	<0.1 U	<0.1 U	<0.1 U
Benzo(b)fluoranthene	205-99-2	**0.002**	ug/l	**0.04 J**	<0.1 U	<0.1 U	**0.02 J**	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	**0.02 J**
Benzo(g,h,i)Perylene	191-24-2	NS	ug/l	0.02 J	<0.1 U	<0.1 U	0.01 J	0.03 J	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	0.04 J	<0.1 U	<0.1 U	<0.1 U
Benzo(k)fluoranthene	207-08-9	**0.002**	ug/l	**0.01 J**	<0.1 U	<0.1 U	**0.01 J**	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	**0.01 J**	<0.1 U	<0.1 U	<0.1 U
Benzoic Acid	65-85-0	NS	ug/l	160 J	<50 U	<50 UJ	<50 UJ	<50 U	<50 UJ	13 J	<50 U	<50 U	<50 U	<50 UJ	<50 U	<50 UJ	<50 U
Benzyl Alcohol	100-51-6	NS	ug/l	<2 UJ	<2 U	<2 UJ	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 U
Benzyl Butyl Phthalate	85-68-7	50	ug/l	<5 UJ	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U
Biphenyl (Diphenyl)	92-52-4	**5**	ug/l	<2 UJ	<2 U	<2 UJ	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 U
Bis(2-chloroethoxy) methane	111-91-1	5	ug/l	<5 UJ	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	1	ug/l	<2 UJ	<2 U	<2 UJ	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 U
Bis(2-chloroisopropyl) ether	108-60-1	5	ug/l	<2 UJ	<2 U	<2 UJ	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 U
Bis(2-ethylhexyl) phthalate	117-81-7	**5**	ug/l	<3 UJ	<3 U	<3 UJ	<3 U	<3 U	<3 U	4.2	<3 U	<3 U	<3 U	<3 U	<3 U	<3 UJ	<3 U
Caprolactam	105-60-2	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbazole	86-74-8	NS	ug/l	<2 UJ	<2 U	<2 UJ	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 U
Chrysene	218-01-9	**0.002**	ug/l	**0.03 J**	<0.1 U	**0.05 J**	<0.1 U	**0.02 J**	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	**0.01 J**	<0.1 U	<0.1 U	**0.01 J**
Dibenz(a,h)anthracene	53-70-3	NS	ug/l	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 UJ	<0.1 U	<0.1 U	<0.1 U
Dibenzofuran	132-64-9	NS	ug/l	<2 UJ	<2 U	<2 UJ	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 U
Dibutyl phthalate	84-74-2	50	ug/l	<5 UJ	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	3.4 J	<5 U	<5 U	<5 UJ	<5 U
Diethyl phthalate	84-66-2	**50**	ug/l	1.2 J	1.7 J	5.2 J	0.84 J	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U
Dimethyl phthalate	131-11-3	50	ug/l	<5 UJ	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U
Dioctyl phthalate	117-84-0	50	ug/l	<5 UJ	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U
Diphenylamine	122-39-4	5	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	206-44-0	50	ug/l	0.13	0.08 J	0.22	0.08 J	0.06 J	0.06 J	0.24 J	0.08 J	0.12	0.1	0.02 J	<0.1 U	<0.1 U	<0.1 U
Fluorene	86-73-7	50	ug/l	<0.1 U	0.06 J	0.2	<0.1 U	<0.1 U	0.06 J	0.27 J	0.17	0.07 J	<0.1 U	<0.1 U	<0.1 U	<0.1 U	0.02 J
Hexachlorobenzene	118-74-1	0.04	ug/l	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 UJ	<0.8 U	<0.8 U	0.03 J
Hexachlorobutadiene	87-68-3	0.5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 UJ	<0.5 UJ	<0.5 U	<0.5 UJ	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Hexachlorocyclopentadiene	77-47-4	5	ug/l	<20 UJ	<20 U	<20 UJ	<20 U	<20 U	<20 U	<20 U	<20 UJ	<20 U	<20 U	<20 U	<20 U	<20 UJ	<20 U
Hexachloroethane	67-72-1	5	ug/l	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U
Indeno(1,2,3-cd)pyrene	193-39-5	**0.002**	ug/l	**0.02 J**	<0.1 U	<0.1 U	**0.01 J**	**0.03 J**	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	**0.04 J**	<0.1 U	<0.1 U	<0.1 U
Isophorone	78-59-1	50	ug/l	<5 UJ	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U
Naphthalene	91-20-3	**10**	ug/l	1.6	0.68	3	1	<0.1 U	<0.65 U	1.9 J	0.75	0.08 J	0.36 J	0.4	<0.1 U	<0.1 U	0.14
Nitrobenzene	98-95-3	0.4	ug/l	<2 UJ	<2 U	<2 UJ	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 U
n-Nitrosodimethylamine	62-75-9	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Nitrosodi-N-Propylamine	621-64-7	NS	ug/l	<5 UJ	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U
n-Nitrosodiphenylamine	86-30-6	50	ug/l	<2 UJ	<2 U	<2 UJ	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 U
Pentachlorophenol	87-86-5	**1**	ug/l	<0.8 U	0.18 J	<0.8 U	0.12 J	0.14 J	0.07 J	<0.8 U	<0.8 U	<0.8 U	<0.8 UJ	<0.8 UJ	0.06 J	<0.8 U	0.15 J
Phenanthrene	85-01-8	50	ug/l	0.24	0.06 J	0.35	<0.1 U	<0.1 U	0.09 J	0.51 J	0.19	0.21	0.26	<0.1 U	<0.1 U	<0.1 U	<0.1 U
Phenol	108-95-2	**1**	ug/l	**9.8 J**	<5 U	1 J	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U
Pyrene	129-00-0	50	ug/l	0.12	0.12	0.21	0.1	0.07 J	0.07 J	0.23 J	0.07 J	0.11	0.1 J	<0.1 UJ	<0.1 U	<0.1 U	<0.1 U
Pyridine	110-86-1	50	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 2
Quarterly Groundwater Monitoring Report - October 2025
Groundwater Sample Analytical Results

Willets Point Development
Queens, New York
NYSDEC BCP Site No.: C241146B, C241146D, C241146E and C241146H
Langan Project No.: 170197605

Analyte	CAS Number	NYSDEC SGVs	Location	E-MW01	E-MW01	E-MW01	E-MW01	E-MW01	E-MW01	E-MW01	E-MW01	E-MW01	E-MW01	E-RW105	E-RW105	E-RW105	E-RW105	E-RW105
			Sample Name	E-MW01_080522	E-MW01_052323	E-MW01_082923	E-MW01_112923	E-MW01_032524	GWDUP01_032524	E-MW01_071524	E-MW01_011425	GWDUP01_011425	E-MW01_042125	E-RW105_062723	E-RW105_122723	E-RW105_040524	E-RW105_071624	DUP01_071624
			Sample Date	08/05/2022	05/23/2023	08/29/2023	11/29/2023	03/25/2024	03/25/2024	07/15/2024	01/14/2025	01/14/2025	04/21/2025	06/27/2023	12/27/2023	04/05/2024	07/16/2024	07/16/2024
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds																		
1,2,4,5-Tetrachlorobenzene	95-94-3	5	ug/l	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<5.56 U	<5 U	<5 U	<5 U	<8.33 U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	95-50-1	3	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 UJ	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	122-66-7	**0**	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5.56 U	<5 U	<5 U	**3.88 J**	<8.33 U
1,3-Dichlorobenzene	541-73-1	3	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 UJ	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	106-46-7	**3**	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 UJ	NA	NA	NA	NA	NA
1,4-Dioxane (P-Dioxane)	123-91-1	**0.35**	ug/l	NA	<0.144 U	0.311	<0.144 U	**0.362**	**0.503**	0.162	0.0933 J	0.0737 J	0.149 J	0.342 J	<0.3 U	<0.3 U	<0.3 U	0.336
2,3,4,6-Tetrachlorophenol	58-90-2	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5.56 U	<5 U	<5 U	<5 U	<8.33 U
2,4,5-Trichlorophenol	95-95-4	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5.56 U	<5 U	<5 U	<5 U	<8.33 U
2,4,6-Trichlorophenol	88-06-2	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5.56 U	<5 U	<5 U	<5 U	<8.33 U
2,4-Dichlorophenol	120-83-2	**1**	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5.56 U	<5 U	<5 U	<5 U	<8.33 U
2,4-Dimethylphenol	105-67-9	**1**	ug/l	**11 J**	<5 U	<5 U	<5 U	<5 U	<5 U	**23 J**	<5 U	<5 U	**5.6**	<5.56 U	<5 U	<5 U	<5 U	<8.33 U
2,4-Dinitrophenol	51-28-5	1	ug/l	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 UJ	<20 U	<20 U	<20 U	<5.56 U	<5 U	<5 U	<5 U	<8.33 U
2,4-Dinitrotoluene	121-14-2	**5**	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 U	<5 U	<5 U	<5 U	<8.33 U
2,6-Dinitrotoluene	606-20-2	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 U	<5 U	<5 U	<5 U	<8.33 U
2-Chloronaphthalene	91-58-7	10	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	0.04 J	<5.56 U	<5 U	<5 U	<5 U	<8.33 U
2-Chlorophenol	95-57-8	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 U	<2 U	<2 U	<5.56 U	<5 U	<5 U	<5 U	<8.33 U
2-Methylnaphthalene	91-57-6	NS	ug/l	16	<0.1 U	19	0.09 J	<0.1 U	<0.1 U	11	0.03 J	<0.1 U	0.13	<5.56 U	<5 U	<5 U	<5 U	<8.33 U
2-Methylphenol (o-Cresol)	95-48-7	NS	ug/l	2.1 J	<5 U	0.96 J	<5 U	<5 U	<5 U	12 J	<5 U	<5 U	<5 U	<5.56 U	<5 U	<5 U	<5 U	<8.33 U
2-Nitroaniline	88-74-4	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 U	<5 U	<5 U	<5 U	<8.33 U
2-Nitrophenol	88-75-5	NS	ug/l	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 UJ	<10 U	<10 U	<10 U	<5.56 U	<5 U	<5 U	<5 U	<8.33 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	NS	ug/l	6	<5 U	<5 U	<5 U	<5 U	0.57 J	<5 UJ	<5 U	<5 U	<5 U	<5.56 U	<5 U	<5 U	<5 U	<8.33 U
3,3'-Dichlorobenzidine	91-94-1	**5**	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 U	<5 U	<5 U	<5 U	<8.33 U
3-Nitroaniline	99-09-2	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 U	<5 U	<5 U	<5 U	<8.33 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	ug/l	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 UJ	<10 U	<10 U	<10 U	<5.56 U	<5 U	<5 U	<5 U	<8.33 U
4-Bromophenyl Phenyl Ether	101-55-3	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<5.56 U	<5 U	<5 U	<5 U	<8.33 U
4-Chloro-3-Methylphenol	59-50-7	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 U	<2 U	<2 U	<5.56 U	<5 U	<5 U	<5 U	<8.33 U
4-Chloroaniline	106-47-8	5	ug/l	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5.56 U	<5 U	<5 U	<5 U	<8.33 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<5.56 U	<5 U	<5 U	<5 U	<8.33 U
4-Nitroaniline	100-01-6	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 UJ	<5 U	<5 U	<5 U	<8.33 U
4-Nitrophenol	100-02-7	NS	ug/l	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 UJ	<10 U	<10 U	<10 U	<5.56 U	<5 U	<5 U	<5 U	<8.33 U
Acenaphthene	83-32-9	**20**	ug/l	17	0.04 J	**27**	1	<0.1 U	<0.1 U	**22**	3.1	4.1	16	0.189 J	0.06	<10 U	0.11	0.0833
Acenaphthylene	208-96-8	NS	ug/l	0.17	<0.1 U	0.26	0.02 J	<0.1 U	<0.1 U	0.23	0.04 J	0.04 J	0.12	<0.0556 UJ	<0.05 U	<10 U	<0.05 U	<0.0833 U
Acetophenone	98-86-2	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 U	<5 U	<5 U	<5 U	<8.33 U
Aniline (Phenylamine, Aminobenzene)	62-53-3	5	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5.56 U	<5 U	<5 U	<5 U	<8.33 U
Anthracene	120-12-7	50	ug/l	<0.1 UJ	0.04 J	0.54	0.06 J	0.02 J	0.02 J	0.63	0.12	0.12	0.32	<0.0556 UJ	0.07	<10 U	0.07	0.117
Atrazine	1912-24-9	7.5	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.556 UJ	<0.5 U	<100 U	<0.5 U	<0.833 U
Benzaldehyde	100-52-7	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5.56 U	<5 U	<5 U	<5 U	<8.33 U
Benzidine	92-87-5	5	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5.56 U	<5 U	<5 U	<5 U	<8.33 U
Benzo(a)anthracene	56-55-3	**0.002**	ug/l	<0.1 U	<0.1 U	**0.03 J**	<0.1 U	<0.1 U	<0.1 U	<0.1 U	**0.04 J**	<0.1 U	**0.05 J**	<0.0556 UJ	<0.05 U	<10 U	<0.05 UJ	**0.217 J**
Benzo(a)pyrene	50-32-8	**0**	ug/l	<0.1 UJ	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	**0.03 J**	<0.1 U	<0.1 U	<0.0556 UJ	<0.05 U	<10 U	<0.05 UJ	**0.217 J**
Benzo(b)fluoranthene	205-99-2	**0.002**	ug/l	<0.1 U	<0.1 U	**0.02 J**	**0.02 J**	<0.1 U	<0.1 U	<0.1 U	**0.07 J**	<0.1 U	**0.04 J**	<0.0556 UJ	<0.05 U	<10 U	<0.05 UJ	**0.183 J**
Benzo(g,h,i)Perylene	191-24-2	NS	ug/l	<0.1 UJ	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	0.06 J	<0.1 U	0.05 J	<0.0556 UJ	<0.05 U	<10 U	<0.05 UJ	0.167 J
Benzo(k)fluoranthene	207-08-9	**0.002**	ug/l	<0.1 UJ	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	**0.06 J**	<0.1 U	**0.03 J**	<0.0556 UJ	<0.05 U	<10 U	<0.05 UJ	**0.2 J**
Benzoic Acid	65-85-0	NS	ug/l	<50 UJ	<50 U	<50 UJ	<50 U	56	54	<50 UJ	<50 U	<50 U	<50 UJ	<5.56 UJ	<5 U	<5 UJ	<5 U	<8.33 UJ
Benzyl Alcohol	100-51-6	NS	ug/l	<2 U	<2 U	<2 U	<2 U	1.2 J	1.2 J	<2 UJ	<2 U	<2 U	<2 U	<5.56 U	<5 U	<5 U	<5 U	<8.33 U
Benzyl Butyl Phthalate	85-68-7	50	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 U	<5 U	<5 U	<5 U	<8.33 U
Biphenyl (Diphenyl)	92-52-4	**5**	ug/l	2.7	<2 U	**5.9**	<2 U	<2 U	<2 U	3.3	0.6 J	0.6 J	4.2	<5.56 U	<5 U	<5 U	<5 U	<8.33 U
Bis(2-chloroethoxy) methane	111-91-1	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 U	<5 U	<5 U	<5 U	<8.33 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	1	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<5.56 U	<5 U	<5 U	<5 U	<8.33 U
Bis(2-chloroisopropyl) ether	108-60-1	5	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<5.56 U	<5 U	<5 U	<5 U	<8.33 U
Bis(2-ethylhexyl) phthalate	117-81-7	**5**	ug/l	<3 U	<3 U	<3 U	<3 U	<3 U	<3 U	<3 U	<3 U	<3 U	<3 U	0.822 J	<0.5 U	<100 U	<0.5 U	<0.833 U
Caprolactam	105-60-2	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5.56 U	<5 U	<5 U	<5 U	<8.33 U
Carbazole	86-74-8	NS	ug/l	5	<2 U	9.5	<2 U	<2 U	<2 U	5.7	0.91 J	1.2 J	9.2	<5.56 U	<5 U	<5 U	<5 U	<8.33 U
Chrysene	218-01-9	**0.002**	ug/l	**0.01 J**	<0.1 U	**0.02 J**	**0.02 J**	<0.1 U	<0.1 U	<0.1 U	**0.05 J**	<0.1 U	<0.1 U	<0.0556 UJ	<0.05 U	<10 U	<0.05 UJ	**0.233 J**
Dibenz(a,h)anthracene	53-70-3	NS	ug/l	<0.1 UJ	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	0.06 J	<0.1 U	0.05 J	<0.0556 UJ	<0.05 U	<10 U	<0.05 U	<0.0833 U
Dibenzofuran	132-64-9	NS	ug/l	7.2	<2 U	16	<2 U	<2 U	<2 U	8.8	1.4 J	1.5 J	10	<5.56 U	<5 U	<5 U	<5 U	<8.33 U
Dibutyl phthalate	84-74-2	50	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	2.1 J	<5 U	<5 U	<5.56 U	<5 U	<5 U	<5 U	<8.33 U
Diethyl phthalate	84-66-2	**50**	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 U	<5 U	<5 U	<5 U	<8.33 U
Dimethyl phthalate	131-11-3	50	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 U	<5 U	<5 U	<5 U	<8.33 U
Dioctyl phthalate	117-84-0	50	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 U	<5 U	<5 U	<5 U	<8.33 U
Diphenylamine	122-39-4	5	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5.56 U	<5 U	<5 U	<5 U	<8.33 U
Fluoranthene	206-44-0	50	ug/l	0.3 J	0.12 J	0.83	0.18	0.03 J	0.03 J	1.2	0.19	0.16	0.37	0.122 J	0.09	<10 U	0.13 J	0.483 J
Fluorene	86-73-7	50	ug/l	8	0.04 J	14	0.56	<0.1 U	<0.1 U	9.1	1.1	1.3	6.6	0.0889 J	<0.05 U	<10 U	0.11	0.1
Hexachlorobenzene	118-74-1	0.04	ug/l	<0.8 UJ	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	0.03 J	<0.8 U	<0.8 U	<0.0222 UJ	<0.02 U	<4 U	<0.02 U	<0.0333 UJ
Hexachlorobutadiene	87-68-3	0.5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 UJ	<0.556 UJ	<0.5 U	<100 U	<0.5 UJ	<0.833 UJ
Hexachlorocyclopentadiene	77-47-4	5	ug/l	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 UJ	<11.1 U	<10 U	<10 U	<10 U	<16.7 U
Hexachloroethane	67-72-1	5	ug/l	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 UJ	<0.556 UJ	<0.5 U	<100 U	<0.5 U	<0.833 U
Indeno(1,2,3-cd)pyrene	193-39-5	**0.002**	ug/l	<0.1 UJ	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	**0.06 J**	<0.1 U	**0.06 J**	<0.0556 UJ	<0.05 U	<10 U	<0.05 U	**0.133**
Isophorone	78-59-1	50	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 U	<5 U	<5 U	<5 U	<8.33 U
Naphthalene	91-20-3	**10**	ug/l	**240**	<0.1 U	**260**	2.2	<0.1 U	<0.1 U	**150**	1.3	1.6	**60**	0.1 J	<0.05 U	<10 U	0.06 B	0.1
Nitrobenzene	98-95-3	0.4	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<0.278 UJ	<0.25 U	<50 U	<0.25 U	<0.417 U
n-Nitrosodimethylamine	62-75-9	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.556 UJ	<0.5 UJ	<100 UJ	<0.5 U	<0.833 U
n-Nitrosodi-N-Propylamine	621-64-7	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 U	<5 U	<5 U	<5 U	<8.33 U
n-Nitrosodiphenylamine	86-30-6	50	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 U	<2 U	<2 U	<5.56 U	<5 U	<5 U	<5 U	<8.33 U
Pentachlorophenol	87-86-5	**1**	ug/l	0.25 J	0.15 J	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 UJ	<0.8 U	0.18 J	<0.8 U	<0.278 UJ	<0.25 U	<50 U	<0.25 U	<0.417 U
Phenanthrene	85-01-8	50	ug/l	4.1	<0.1 U	8.4	0.48	<0.1 U	<0.1 U	7.1	0.48 J	0.62 J	1.5	<0.0556 UJ	0.06	<10 U	0.14	0.217
Phenol	108-95-2	**1**	ug/l	**23**	<5 U	**1.2 J**	<5 U	**2.4 J**	**2.6 J**	<5 UJ	<5 U	<5 U	<5 U	<5.56 U	<5 U	<5 U	**2.5 J**	<8.33 U
Pyrene	129-00-0	50	ug/l	0.19 J	0.11 J	0.42	0.15	0.03 J	0.04 J	0.58	0.16	0.12	0.19	<0.111 U	0.08	<10 U	0.09 J	0.417 J
Pyridine	110-86-1	50	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5.56 UJ	<5 U	<5 U	<5 U	<8.33 U

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Queens, New York
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Langan Project No.: 170197605

Analyte	CAS Number	NYSDEC SGVs	Location	E-RW105	E-RW105	E-RW105	E-RW105	E-RW105	E-RW202	E-RW202	E-RW202	E-RW202	E-RW202	E-RW202	E-RW202	E-RW202	I-MW101	I-MW101
			Sample Name	E-RW105_011525	E-RW105_042125	DUP01_042125	E-RW105_072425	E-RW105_102125	E-RW202_062623	E-RW202_092723	E-RW202_122723	GWDUP01_122723	E-RW202_040524	E-RW202_071624	E-RW202_011525	DUP01_011525	I-MW101_062623	I-MW101_092823
			Sample Date	01/15/2025	04/21/2025	04/21/2025	07/24/2025	10/21/2025	06/26/2023	09/27/2023	12/27/2023	12/27/2023	04/05/2024	07/16/2024	01/15/2025	01/15/2025	06/26/2023	09/28/2023
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds																		
1,2,4,5-Tetrachlorobenzene	95-94-3	5	ug/l	<5 U	<10 U	<10 U	<10 U	<10 U	<5.56 U	<5 U	<5.26 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 UJ
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	NA	<5 UJ	<5 UJ	<5 U	<5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	95-50-1	3	ug/l	NA	<2 UJ	<2 UJ	<2 U	<2 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	122-66-7	**0**	ug/l	<5 U	NA	NA	NA	NA	<5.56 U	<5 U	<5.26 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 UJ
1,3-Dichlorobenzene	541-73-1	3	ug/l	NA	<2 UJ	<2 UJ	<2 U	<2 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	106-46-7	**3**	ug/l	NA	<2 UJ	<2 UJ	<2 U	<2 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dioxane (P-Dioxane)	123-91-1	**0.35**	ug/l	0.32	0.104 J	0.0976 J	**0.502 J**	0.206 J	<0.3 U	<0.3 U	<0.3 U	<0.3 U	<0.3 U	0.32	<0.3 U	<0.3 U	<0.3 U	<0.3 U
2,3,4,6-Tetrachlorophenol	58-90-2	NS	ug/l	<5 U	NA	NA	NA	NA	<5.56 U	<5 U	<5.26 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 UJ
2,4,5-Trichlorophenol	95-95-4	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 U	<5 U	<5.26 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 UJ
2,4,6-Trichlorophenol	88-06-2	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 U	<5 U	<5.26 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 UJ
2,4-Dichlorophenol	120-83-2	**1**	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 U	<5 U	<5.26 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 UJ
2,4-Dimethylphenol	105-67-9	**1**	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 U	<5 U	<5.26 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 UJ
2,4-Dinitrophenol	51-28-5	1	ug/l	<5 U	<20 U	<20 U	<20 U	<20 UJ	<5.56 U	<5 U	<5.26 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 UJ
2,4-Dinitrotoluene	121-14-2	**5**	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 U	<5 U	<5.26 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 UJ
2,6-Dinitrotoluene	606-20-2	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 U	<5 U	<5.26 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 UJ
2-Chloronaphthalene	91-58-7	10	ug/l	<5 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<5.56 U	<5 U	<5.26 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 UJ
2-Chlorophenol	95-57-8	NS	ug/l	<5 U	<2 U	<2 U	<2 U	<2 U	<5.56 U	<5 U	<5.26 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 UJ
2-Methylnaphthalene	91-57-6	NS	ug/l	<5 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<5.56 U	<5 U	<5.26 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 UJ
2-Methylphenol (o-Cresol)	95-48-7	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 U	<5 U	<5.26 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 UJ
2-Nitroaniline	88-74-4	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 U	<5 U	<5.26 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 UJ
2-Nitrophenol	88-75-5	NS	ug/l	<5 U	<10 U	<10 U	<10 U	<10 U	<5.56 U	<5 UJ	<5.26 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 UJ
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 U	<5 U	<5.26 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 UJ
3,3'-Dichlorobenzidine	91-94-1	**5**	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 U	<5 U	<5.26 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 UJ
3-Nitroaniline	99-09-2	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 U	<5 U	<5.26 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 UJ
4,6-Dinitro-2-Methylphenol	534-52-1	NS	ug/l	<5 U	<10 U	<10 U	<10 U	<10 U	<5.56 U	<5 U	<5.26 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 UJ
4-Bromophenyl Phenyl Ether	101-55-3	NS	ug/l	<5 U	<2 U	<2 U	<2 U	<2 U	<5.56 U	<5 U	<5.26 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 UJ
4-Chloro-3-Methylphenol	59-50-7	NS	ug/l	<5 U	<2 U	<2 U	<2 U	<2 U	<5.56 U	<5 U	<5.26 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 UJ
4-Chloroaniline	106-47-8	5	ug/l	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5.56 U	<5 U	<5.26 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 UJ
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	ug/l	<5 U	<2 U	<2 U	<2 U	<2 U	<5.56 U	<5 U	<5.26 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 UJ
4-Nitroaniline	100-01-6	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 U	<5 U	<5.26 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 UJ
4-Nitrophenol	100-02-7	NS	ug/l	<5 U	<10 U	<10 U	<10 U	<10 U	<5.56 U	<5 U	<5.26 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 UJ
Acenaphthene	83-32-9	**20**	ug/l	<0.05 U	<0.1 U	<0.1 U	0.06 J	0.07 J	<0.278 U	<0.05 U	<0.0526 U	<0.05 U	0.06	<0.05 U	<0.05 U	<0.05 U	<0.05 U	0.178 J
Acenaphthylene	208-96-8	NS	ug/l	<0.05 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.278 U	<0.05 U	<0.0526 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.0556 UJ
Acetophenone	98-86-2	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 U	<5 U	<5.26 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 UJ
Aniline (Phenylamine, Aminobenzene)	62-53-3	5	ug/l	<5 U	NA	NA	NA	NA	<5.56 U	<5 U	<5.26 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 UJ
Anthracene	120-12-7	50	ug/l	<0.05 U	<0.1 U	<0.1 U	0.05 J	<0.1 U	<0.278 U	<0.05 U	<0.0526 U	<0.05 U	<0.05 U	0.05	<0.05 U	<0.05 U	<0.05 U	<0.0556 UJ
Atrazine	1912-24-9	7.5	ug/l	<0.5 U	NA	NA	NA	NA	<2.78 U	<0.5 U	<0.526 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.556 UJ
Benzaldehyde	100-52-7	NS	ug/l	<5 U	NA	NA	NA	NA	<5.56 U	<5 U	<5.26 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 UJ
Benzidine	92-87-5	5	ug/l	<5 U	NA	NA	NA	NA	<5.56 U	<5 U	<5.26 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 UJ
Benzo(a)anthracene	56-55-3	**0.002**	ug/l	<0.05 U	**0.05 J**	<0.1 U	<0.1 U	<0.1 U	<0.278 U	<0.05 U	<0.0526 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.0556 UJ
Benzo(a)pyrene	50-32-8	**0**	ug/l	<0.05 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.278 U	<0.05 U	<0.0526 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.0556 UJ
Benzo(b)fluoranthene	205-99-2	**0.002**	ug/l	<0.05 U	**0.03 J**	<0.1 U	<0.1 U	<0.1 U	<0.278 U	<0.05 U	<0.0526 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.0556 UJ
Benzo(g,h,i)Perylene	191-24-2	NS	ug/l	<0.05 U	0.04 J	<0.1 U	<0.1 U	<0.1 U	<0.278 U	<0.05 U	<0.0526 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.0556 UJ
Benzo(k)fluoranthene	207-08-9	**0.002**	ug/l	<0.05 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.278 U	<0.05 U	<0.0526 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.0556 UJ
Benzoic Acid	65-85-0	NS	ug/l	<5 UJ	<50 UJ	<50 UJ	<50 U	<50 U	<5.56 U	<5 UJ	<5.26 U	<5 U	<5 UJ	<5 U	<5 UJ	<5 UJ	<5 U	<5.56 UJ
Benzyl Alcohol	100-51-6	NS	ug/l	<5 U	<2 U	<2 U	<2 U	<2 U	<5.56 U	<5 U	<5.26 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 UJ
Benzyl Butyl Phthalate	85-68-7	50	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 U	<5 U	<5.26 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 UJ
Biphenyl (Diphenyl)	92-52-4	**5**	ug/l	<5 U	<2 U	<2 U	<2 U	<2 U	<5.56 U	<5 U	<5.26 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 UJ
Bis(2-chloroethoxy) methane	111-91-1	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 U	<5 U	<5.26 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 UJ
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	1	ug/l	<5 U	<2 U	<2 U	<2 U	<2 U	<5.56 U	<5 U	<5.26 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 UJ
Bis(2-chloroisopropyl) ether	108-60-1	5	ug/l	<5 U	<2 U	<2 U	<2 U	<2 U	<5.56 U	<5 U	<5.26 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 UJ
Bis(2-ethylhexyl) phthalate	117-81-7	**5**	ug/l	<0.5 U	<3 U	<3 U	<3 U	<3 U	**14.4 J**	<0.56 U	3.73 J	2.21 J	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<1.07 U	1.07 J
Caprolactam	105-60-2	NS	ug/l	<5 U	NA	NA	NA	NA	<5.56 U	<5 UJ	<5.26 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 UJ
Carbazole	86-74-8	NS	ug/l	<5 U	<2 U	<2 U	<2 U	<2 U	<5.56 U	<5 U	<5.26 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 UJ
Chrysene	218-01-9	**0.002**	ug/l	<0.05 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.278 U	<0.05 U	<0.0526 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.0556 UJ
Dibenz(a,h)anthracene	53-70-3	NS	ug/l	<0.05 U	0.04 J	<0.1 U	<0.1 U	<0.1 U	<0.278 U	<0.05 U	<0.0526 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.0556 UJ
Dibenzofuran	132-64-9	NS	ug/l	<5 U	<2 U	<2 U	<2 U	<2 U	<5.56 U	<5 U	<5.26 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 UJ
Dibutyl phthalate	84-74-2	50	ug/l	<5 U	<5 U	<5 U	<5 U	3.6 J	<5.56 U	<5 U	<5.26 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 UJ
Diethyl phthalate	84-66-2	**50**	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 U	<5 U	<5.26 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 UJ
Dimethyl phthalate	131-11-3	50	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 U	<5 U	<5.26 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 UJ
Dioctyl phthalate	117-84-0	50	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 U	<5 U	<5.26 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 UJ
Diphenylamine	122-39-4	5	ug/l	<5 U	NA	NA	NA	NA	<5.56 U	<5 U	<5.26 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 UJ
Fluoranthene	206-44-0	50	ug/l	<0.05 U	0.04 J	0.04 J	0.06 J	<0.1 U	<0.278 U	<0.05 U	<0.0526 U	<0.05 U	0.06	0.05	<0.05 U	<0.05 U	<0.05 U	<0.0556 UJ
Fluorene	86-73-7	50	ug/l	<0.05 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.278 U	<0.05 U	<0.0526 U	<0.05 U	0.3	0.07	<0.05 U	<0.05 U	<0.15 U	<0.0556 UJ
Hexachlorobenzene	118-74-1	0.04	ug/l	<0.02 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.111 U	<0.02 U	<0.0211 U	<0.02 U	<0.02 U	<0.02 U	<0.02 U	<0.02 U	<0.02 U	<0.0222 UJ
Hexachlorobutadiene	87-68-3	0.5	ug/l	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 U	<0.5 U	<2.78 UJ	<0.5 U	<0.526 U	<0.5 U	<0.5 U	<0.5 U	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.556 UJ
Hexachlorocyclopentadiene	77-47-4	5	ug/l	<10 U	<20 UJ	<20 UJ	<20 U	<20 U	<11.1 U	<10 U	<10.5 U	<10 U	<10 UJ	<10 U	<10 U	<10 U	<10 U	<11.1 UJ
Hexachloroethane	67-72-1	5	ug/l	<0.5 UJ	<0.8 UJ	<0.8 UJ	<0.8 U	<0.8 U	<2.78 U	<0.5 U	<0.526 U	<0.5 U	<0.5 U	<0.5 U	<0.5 UJ	<0.5 UJ	<0.5 U	<0.556 UJ
Indeno(1,2,3-cd)pyrene	193-39-5	**0.002**	ug/l	<0.05 U	**0.05 J**	<0.1 U	<0.1 U	<0.1 U	<0.278 U	<0.05 U	<0.0526 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.0556 UJ
Isophorone	78-59-1	50	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 U	<5 UJ	<5.26 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 UJ
Naphthalene	91-20-3	**10**	ug/l	<0.05 U	0.04 J	0.06 J	0.05 J	0.05 J	<0.278 U	<0.05 U	<0.0526 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	0.111 J
Nitrobenzene	98-95-3	0.4	ug/l	<0.25 U	<2 U	<2 U	<2 U	<2 U	<1.39 U	<0.25 U	<0.263 U	<0.25 U	<0.25 U	<0.25 U	<0.25 U	<0.25 U	<0.25 U	<0.278 UJ
n-Nitrosodimethylamine	62-75-9	NS	ug/l	<0.5 UJ	NA	NA	NA	NA	<2.78 UJ	<0.5 UJ	<0.526 UJ	<0.5 UJ	<0.5 UJ	<0.5 U	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.556 UJ
n-Nitrosodi-N-Propylamine	621-64-7	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 U	<5 U	<5.26 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 UJ
n-Nitrosodiphenylamine	86-30-6	50	ug/l	<5 U	<2 U	<2 U	<2 U	<2 U	<5.56 U	<5 U	<5.26 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 UJ
Pentachlorophenol	87-86-5	**1**	ug/l	<0.25 UJ	0.12 J	<0.8 U	<0.8 U	<0.8 U	<1.39 U	<0.25 U	<0.263 U	<0.25 U	<0.25 U	<0.25 U	<0.25 UJ	<0.25 UJ	<0.25 U	0.389 J
Phenanthrene	85-01-8	50	ug/l	<0.05 U	<0.1 U	<0.1 U	0.06 J	<0.1 U	<0.278 U	<0.05 U	0.0526	<0.05 U	<0.05 U	0.07	<0.05 U	<0.05 U	<0.05 U	<0.0556 UJ
Phenol	108-95-2	**1**	ug/l	<5 U	<5 U	<5 U	<5 U	**2.1 J**	<5.56 U	<5 U	<5.26 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5.56 UJ
Pyrene	129-00-0	50	ug/l	<0.05 U	0.05 J	0.04 J	0.07 J	<0.1 U	<0.278 U	<0.05 U	<0.0526 U	<0.05 U	0.05	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.0556 UJ
Pyridine	110-86-1	50	ug/l	<5 UJ	NA	NA	NA	NA	<5.56 U	<5 U	<5.26 U	<5 U	<5 U	<5 U	<5 UJ	<5 UJ	<5 U	<5.56 UJ

Table 2
Quarterly Groundwater Monitoring Report - October 2025
Groundwater Sample Analytical Results

Willets Point Development
Queens, New York
NYSDEC BCP Site No.: C241146B, C241146D, C241146E and C241146H
Langan Project No.: 170197605

Analyte	CAS Number	NYSDEC SGVs	Location	I-MW101	I-MW101	I-MW101	I-MW101	J-MW117	J-MW117	J-MW117	J-MW117	J-MW117	J-MW117	J-MW117	J-MW117	J-MW117	J-MW117	J-MW117
			Sample Name	GWDUP01_092823	I-MW101_122823	I-MW101_040424	I-MW101_071524	J-MW117_062623	GWDUP01_062623	J-MW117_112923	J-MW117_122823	J-MW117_040824	GWDUP01_040824	J-MW117_071524	J-MW117_011625	J-MW117_042125	J-MW117_072325	J-MW117_102125
			Sample Date	09/28/2023	12/27/2023	04/04/2024	07/15/2024	06/26/2023	06/26/2023	11/29/2023	12/27/2023	04/08/2024	04/08/2024	07/15/2024	01/16/2025	04/21/2025	07/23/2025	10/21/2025
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds																		
1,2,4,5-Tetrachlorobenzene	95-94-3	5	ug/l	<5.56 UJ	<5 U	<5 UJ	<5.26 U	<6.67 U	<5 U	<10 U	<50 U	<25 U	<5 U	<5.26 U	<5 UJ	<10 U	<10 U	<10 U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	NA	NA	NA	NA	NA	NA	<5 U	NA	NA	NA	NA	NA	<5 UJ	<5 U	<5 U
1,2-Dichlorobenzene	95-50-1	3	ug/l	NA	NA	NA	NA	NA	NA	<2 U	NA	NA	NA	NA	NA	<2 UJ	<2 U	<2 U
1,2-Diphenylhydrazine	122-66-7	**0**	ug/l	<5.56 UJ	<5 U	<5 UJ	<5.26 U	<6.67 U	<5 U	NA	<50 U	<25 U	<5 U	<5.26 U	<5 UJ	NA	NA	NA
1,3-Dichlorobenzene	541-73-1	3	ug/l	NA	NA	NA	NA	NA	NA	<2 U	NA	NA	NA	NA	NA	<2 UJ	<2 U	<2 U
1,4-Dichlorobenzene	106-46-7	**3**	ug/l	NA	NA	NA	NA	NA	NA	<2 U	NA	NA	NA	NA	NA	<2 UJ	<2 U	<2 U
1,4-Dioxane (P-Dioxane)	123-91-1	**0.35**	ug/l	<0.3 U	<0.3 U	<0.3 U	<0.3 U	**5.07**	**5.84**	**9.91**	**9.17**	**8.06**	**9.68**	**5.79**	**8.46**	**9.89**	**9.24**	**11**
2,3,4,6-Tetrachlorophenol	58-90-2	NS	ug/l	<5.56 UJ	<5 U	<5 UJ	<5.26 U	<6.67 U	<5 U	NA	<50 U	<25 U	<5 U	<5.26 U	<5 U	NA	NA	NA
2,4,5-Trichlorophenol	95-95-4	NS	ug/l	<5.56 UJ	<5 U	<5 UJ	<5.26 U	<6.67 U	<5 U	<5 U	<50 U	<25 U	<5 U	<5.26 U	<5 U	<5 U	<5 U	<5 U
2,4,6-Trichlorophenol	88-06-2	NS	ug/l	<5.56 UJ	<5 U	<5 UJ	<5.26 U	<6.67 U	<5 U	<5 U	<50 U	<25 U	<5 U	<5.26 U	<5 U	<5 U	<5 U	<5 U
2,4-Dichlorophenol	120-83-2	**1**	ug/l	<5.56 UJ	<5 U	<5 UJ	<5.26 U	<6.67 U	<5 U	<5 U	<50 U	<25 U	<5 U	<5.26 U	<5 U	<5 U	<5 U	<5 U
2,4-Dimethylphenol	105-67-9	**1**	ug/l	<5.56 UJ	<5 U	<5 UJ	<5.26 U	<6.67 U	<5 U	**44**	**52.1 D**	<25 UJ	**51.1 J**	**23.9**	<5 U	**28**	**44**	**39**
2,4-Dinitrophenol	51-28-5	1	ug/l	<5.56 UJ	<5 U	<5 UJ	<5.26 U	<6.67 U	<5 U	<20 U	<50 U	<25 UJ	<5 UJ	<5.26 U	<5 UJ	<20 U	<20 U	<20 UJ
2,4-Dinitrotoluene	121-14-2	**5**	ug/l	<5.56 UJ	<5 U	<5 UJ	<5.26 U	<6.67 U	<5 U	<5 U	<50 U	<25 U	<5 U	<5.26 U	<5 UJ	<5 U	<5 U	<5 U
2,6-Dinitrotoluene	606-20-2	5	ug/l	<5.56 UJ	<5 U	<5 UJ	<5.26 U	<6.67 U	2.61 J	<5 U	<50 U	<25 U	<5 U	<5.26 U	<5 UJ	<5 U	<5 U	<5 U
2-Chloronaphthalene	91-58-7	10	ug/l	<5.56 UJ	<5 U	<5 UJ	<5.26 U	<6.67 U	<5 U	<0.4 U	<50 U	<25 U	<5 U	<5.26 U	<5 UJ	<0.2 U	<0.2 U	<0.2 U
2-Chlorophenol	95-57-8	NS	ug/l	<5.56 UJ	<5 U	<5 UJ	<5.26 U	<6.67 U	<5 U	<2 U	<50 U	<25 U	<5 U	<5.26 U	<5 U	<2 U	<2 U	<2 U
2-Methylnaphthalene	91-57-6	NS	ug/l	<5.56 UJ	<5 U	<5 UJ	<5.26 U	7	7.6	10	<50 U	<25 U	12.5	6.69	4.22 J	5.7	13	8.6
2-Methylphenol (o-Cresol)	95-48-7	NS	ug/l	<5.56 UJ	<5 U	<5 UJ	<5.26 U	<6.67 U	<5 U	7.9	<50 U	<25 UJ	<5 UJ	<5.26 U	<5 U	<5 U	4.8 J	6.6
2-Nitroaniline	88-74-4	5	ug/l	<5.56 UJ	<5 U	<5 UJ	<5.26 U	<6.67 U	<5 U	<5 U	<50 U	<25 U	<5 U	<5.26 U	<5 UJ	<5 U	<5 U	<5 U
2-Nitrophenol	88-75-5	NS	ug/l	<5.56 UJ	<5 U	<5 UJ	<5.26 U	<6.67 U	<5 U	<10 U	<50 U	<25 U	<5 U	<5.26 U	<5 U	<10 U	<10 U	<10 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	NS	ug/l	<5.56 UJ	<5 U	<5 UJ	<5.26 U	<6.67 U	2.85 J	<5 U	<50 U	<25 U	<5 U	<5.26 U	<5 U	<5 U	<5 U	<5 U
3,3'-Dichlorobenzidine	91-94-1	**5**	ug/l	<5.56 UJ	<5 U	<5 UJ	<5.26 U	<6.67 U	<5 U	<5 U	<50 U	<25 U	<5 U	<5.26 U	<5 UJ	<5 U	<5 U	<5 U
3-Nitroaniline	99-09-2	5	ug/l	<5.56 UJ	<5 U	<5 UJ	<5.26 U	<6.67 U	<5 U	<5 U	<50 U	<25 U	<5 U	<5.26 U	<5 UJ	<5 U	<5 U	<5 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	ug/l	<5.56 UJ	<5 U	<5 UJ	<5.26 U	<6.67 U	<5 U	<10 U	<50 U	<25 U	<5 U	<5.26 U	<5 U	<10 U	<10 U	<10 U
4-Bromophenyl Phenyl Ether	101-55-3	NS	ug/l	<5.56 UJ	<5 U	<5 UJ	<5.26 U	<6.67 U	<5 U	<2 U	<50 U	<25 U	<5 U	<5.26 U	<5 UJ	<2 U	<2 U	<2 U
4-Chloro-3-Methylphenol	59-50-7	NS	ug/l	<5.56 UJ	<5 U	<5 UJ	<5.26 U	<6.67 U	<5 U	<2 U	<50 U	<25 U	<5 U	<5.26 U	<5 U	<2 U	<2 U	<2 U
4-Chloroaniline	106-47-8	5	ug/l	<5.56 UJ	<5 U	<5 UJ	<5.26 U	<6.67 U	<5 U	<5 U	<50 U	<25 U	<5 U	<5.26 U	<5 UJ	<5 UJ	<5 U	<5 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	ug/l	<5.56 UJ	<5 U	<5 UJ	<5.26 U	<6.67 U	<5 U	<2 U	<50 U	<25 U	<5 U	<5.26 U	<5 UJ	<2 U	<2 U	<2 U
4-Nitroaniline	100-01-6	5	ug/l	<5.56 UJ	<5 U	<5 UJ	<5.26 U	<6.67 U	<5 U	<5 U	<50 U	<25 U	<5 U	<5.26 U	<5 UJ	<5 U	<5 U	<5 U
4-Nitrophenol	100-02-7	NS	ug/l	<5.56 UJ	<5 U	<5 UJ	<5.26 U	<6.67 U	<5 U	<10 U	<50 U	<25 U	<5 U	<5.26 U	<5 U	<10 U	<10 U	<10 U
Acenaphthene	83-32-9	**20**	ug/l	0.122 J	<0.05 U	0.06	<0.0526 U	0.333 D	0.35 D	1	0.14	<5 U	<5 U	<0.0526 U	<0.25 U	0.6	1	<0.1 U
Acenaphthylene	208-96-8	NS	ug/l	<0.0556 UJ	<0.05 U	<0.05 U	<0.0526 U	<0.333 U	<0.25 U	<0.2 U	<0.05 U	<5 U	<5 U	<0.0526 U	<0.25 U	0.1	0.26	0.17
Acetophenone	98-86-2	NS	ug/l	<5.56 UJ	<5 U	<5 UJ	<5.26 U	<6.67 U	<5 U	<5 U	<50 U	<25 U	<5 U	<5.26 U	<5 UJ	<5 U	<5 U	<5 U
Aniline (Phenylamine, Aminobenzene)	62-53-3	5	ug/l	<5.56 UJ	<5 U	<5 UJ	<5.26 U	<6.67 U	<5 U	NA	<50 U	<25 U	<5 U	<5.26 U	<5 UJ	NA	NA	NA
Anthracene	120-12-7	50	ug/l	<0.0556 UJ	<0.05 U	<0.05 U	<0.0526 U	0.8 D	0.8 D	2.4	<0.05 U	<5 U	<5 U	<0.0526 U	<0.25 U	0.78	2.3	1.6
Atrazine	1912-24-9	7.5	ug/l	<0.556 UJ	<0.5 U	<0.5 U	<0.526 U	<3.33 U	<2.5 U	NA	<0.5 U	<50 U	<50 U	<0.526 U	<2.5 U	NA	NA	NA
Benzaldehyde	100-52-7	NS	ug/l	<5.56 UJ	<5 U	<5 UJ	<5.26 U	<6.67 U	<5 U	NA	<50 U	<25 U	<5 U	<5.26 U	<5 UJ	NA	NA	NA
Benzidine	92-87-5	5	ug/l	<5.56 UJ	<5 U	<5 UJ	<5.26 U	<6.67 U	<5 U	NA	<50 U	<25 U	<5 U	<5.26 U	<5 UJ	NA	NA	NA
Benzo(a)anthracene	56-55-3	**0.002**	ug/l	<0.0556 UJ	<0.05 U	<0.05 U	<0.0526 U	<0.333 U	**0.35 D**	<0.2 U	<0.05 U	<5 U	<5 U	<0.0526 U	<0.25 U	<0.1 U	<0.1 U	<0.1 U
Benzo(a)pyrene	50-32-8	**0**	ug/l	<0.0556 UJ	<0.05 U	<0.05 U	<0.0526 U	<0.333 U	<0.25 U	<0.2 U	<0.05 U	<5 U	<5 U	<0.0526 U	<0.25 U	<0.1 U	<0.1 U	**0.53**
Benzo(b)fluoranthene	205-99-2	**0.002**	ug/l	<0.0556 UJ	<0.05 U	<0.05 U	<0.0526 U	<0.333 U	<0.25 U	<0.2 U	<0.05 U	<5 U	<5 U	<0.0526 U	<0.25 U	<0.1 U	<0.1 U	**0.6**
Benzo(g,h,i)Perylene	191-24-2	NS	ug/l	<0.0556 UJ	<0.05 U	<0.05 U	<0.0526 U	<0.333 U	<0.25 U	0.05 J	<0.05 U	<5 U	<5 U	<0.0526 U	<0.25 U	<0.1 U	<0.1 U	0.45
Benzo(k)fluoranthene	207-08-9	**0.002**	ug/l	<0.0556 UJ	<0.05 U	<0.05 U	<0.0526 U	<0.333 U	<0.25 U	<0.2 U	<0.05 U	<5 U	<5 U	<0.0526 U	<0.25 U	<0.1 U	<0.1 U	**0.23**
Benzoic Acid	65-85-0	NS	ug/l	<5.56 UJ	<5 UJ	<5 UJ	<5.26 UJ	<6.67 U	<5 U	<50 U	<50 UJ	<25 UJ	<5 UJ	5.67 J	<5 UJ	<50 UJ	<50 U	<50 U
Benzyl Alcohol	100-51-6	NS	ug/l	<5.56 UJ	<5 U	<5 UJ	<5.26 U	<6.67 U	<5 U	<2 U	<50 U	<25 U	<5 U	<5.26 U	<5 UJ	<2 U	<2 U	<2 U
Benzyl Butyl Phthalate	85-68-7	50	ug/l	<5.56 UJ	<5 U	<5 UJ	<5.26 U	<6.67 U	<5 U	<5 U	<50 U	<25 U	<5 U	<5.26 U	<5 UJ	<5 U	<5 U	<5 U
Biphenyl (Diphenyl)	92-52-4	**5**	ug/l	<5.56 UJ	<5 U	<5 UJ	<5.26 U	<6.67 U	<5 U	<2 U	<50 U	<25 U	<5 U	<5.26 U	<5 UJ	<2 U	<2 U	<2 U
Bis(2-chloroethoxy) methane	111-91-1	5	ug/l	<5.56 UJ	<5 U	<5 UJ	<5.26 U	<6.67 U	<5 U	<5 U	<50 U	<25 U	<5 U	3.42 J	<5 UJ	<5 U	<5 U	<5 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	1	ug/l	<5.56 UJ	<5 U	<5 UJ	<5.26 U	<6.67 U	<5 U	<2 U	<50 U	<25 U	<5 U	<5.26 U	<5 UJ	<2 U	<2 U	<2 U
Bis(2-chloroisopropyl) ether	108-60-1	5	ug/l	<5.56 UJ	<5 U	<5 UJ	<5.26 U	<6.67 U	<5 U	<2 U	<50 U	<25 U	<5 U	<5.26 U	<5 UJ	<2 U	<2 U	<2 U
Bis(2-ethylhexyl) phthalate	117-81-7	**5**	ug/l	1 J	3.77	<0.5 U	<0.526 U	**15.5 J**	**5.05 J**	<3 U	<0.5 U	<50 U	<50 U	<0.526 U	<2.5 U	<3 U	<3 U	**15**
Caprolactam	105-60-2	NS	ug/l	<5.56 UJ	<5 U	<5 UJ	<5.26 U	<6.67 U	<5 U	NA	<50 U	<25 U	<5 U	<5.26 U	<5 UJ	NA	NA	NA
Carbazole	86-74-8	NS	ug/l	<5.56 UJ	<5 U	<5 UJ	<5.26 U	<6.67 U	<5 U	<2 U	<50 U	<25 U	<5 U	<5.26 U	<5 UJ	<2 U	1.4 J	<2 U
Chrysene	218-01-9	**0.002**	ug/l	<0.0556 UJ	<0.05 U	<0.05 U	<0.0526 U	<0.333 U	**0.25 D**	<0.2 U	<0.05 U	<5 U	<5 U	<0.0526 U	<0.25 U	<0.1 U	<0.1 U	**0.61**
Dibenz(a,h)anthracene	53-70-3	NS	ug/l	<0.0556 UJ	<0.05 U	<0.05 U	<0.0526 U	<0.333 U	<0.25 U	<0.2 U	<0.05 U	<5 U	<5 U	<0.0526 U	<0.25 U	<0.1 U	<0.1 U	<0.1 U
Dibenzofuran	132-64-9	NS	ug/l	<5.56 UJ	<5 U	<5 UJ	<5.26 U	<6.67 U	<5 U	<2 U	<50 U	<25 U	<5 U	<5.26 U	<5 UJ	<2 U	<2 U	<2 U
Dibutyl phthalate	84-74-2	50	ug/l	<5.56 UJ	<5 U	<5 UJ	<5.26 U	<6.67 U	<5 U	<5 U	<50 U	<25 U	<5 U	<5.26 U	<5 UJ	<5 U	<5 U	<5 U
Diethyl phthalate	84-66-2	**50**	ug/l	<5.56 UJ	<5 U	<5 UJ	<5.26 U	<6.67 U	<5 U	<5 U	<50 U	<25 U	<5 U	<5.26 U	<5 UJ	<5 U	<5 U	<5 U
Dimethyl phthalate	131-11-3	50	ug/l	<5.56 UJ	<5 U	<5 UJ	<5.26 U	<6.67 U	<5 U	<5 U	<50 U	<25 U	<5 U	<5.26 U	<5 UJ	<5 U	<5 U	<5 U
Dioctyl phthalate	117-84-0	50	ug/l	<5.56 UJ	<5 U	<5 UJ	<5.26 U	<6.67 U	<5 U	<5 U	<50 U	<25 U	<5 U	<5.26 U	<5 UJ	<5 U	<5 U	<5 U
Diphenylamine	122-39-4	5	ug/l	<5.56 UJ	<5 U	<5 UJ	<5.26 U	<6.67 U	<5 U	NA	<50 U	<25 U	<5 U	<5.26 U	<5 UJ	NA	NA	NA
Fluoranthene	206-44-0	50	ug/l	<0.0556 UJ	<0.05 U	<0.05 U	<0.0526 U	<0.333 U	<0.25 U	<0.2 U	<0.05 U	<5 U	<5 U	<0.0526 U	<0.25 U	0.09 J	0.2	0.97
Fluorene	86-73-7	50	ug/l	<0.0556 UJ	<0.05 U	<0.41 U	<0.0526 U	<0.333 U	<0.25 U	<0.2 U	<0.05 U	<5 U	<5 U	<0.0526 U	<0.25 U	0.36	0.9	0.82
Hexachlorobenzene	118-74-1	0.04	ug/l	<0.0222 UJ	<0.02 U	<0.02 U	<0.0211 UJ	<0.133 U	<0.1 U	<1.6 U	<0.02 U	<2 U	<2 U	<0.0211 UJ	<0.1 U	<0.8 U	<0.8 U	<0.8 U
Hexachlorobutadiene	87-68-3	0.5	ug/l	<0.556 UJ	<0.5 U	<0.5 U	<0.526 U	<3.33 UJ	<2.5 UJ	<1 U	<0.5 U	<50 U	<50 U	<0.526 U	<2.5 U	<0.5 UJ	<0.5 U	<0.5 UJ
Hexachlorocyclopentadiene	77-47-4	5	ug/l	<11.1 UJ	<10 UJ	<10 UJ	<10.5 U	<13.3 U	<10 U	<20 U	<100 UJ	<50 U	<10 U	<10.5 U	<10 UJ	<20 UJ	<20 U	<20 U
Hexachloroethane	67-72-1	5	ug/l	<0.556 UJ	<0.5 U	<0.5 U	<0.526 U	<3.33 U	<2.5 U	<1.6 U	<0.5 U	<50 U	<50 U	<0.526 U	<2.5 U	<0.8 UJ	<0.8 U	<0.8 U
Indeno(1,2,3-cd)pyrene	193-39-5	**0.002**	ug/l	<0.0556 UJ	<0.05 U	<0.05 U	<0.0526 U	<0.333 U	<0.25 U	**0.05 J**	<0.05 U	<5 U	<5 U	<0.0526 U	<0.25 U	<0.1 U	<0.1 U	**0.38**
Isophorone	78-59-1	50	ug/l	<5.56 UJ	<5 U	<5 UJ	<5.26 U	<6.67 U	<5 U	<5 U	<50 U	<25 U	<5 U	<5.26 U	<5 UJ	<5 U	<5 U	<5 U
Naphthalene	91-20-3	**10**	ug/l	<0.0667 U	0.05	0.05 J	<0.0526 U	**11.2 D**	**14.8 D**	**31**	1.57	**32 D**	**35 D**	**13.8 BD**	**14.2 D**	**17**	**39**	**23**
Nitrobenzene	98-95-3	0.4	ug/l	<0.278 UJ	<0.25 U	<0.25 U	<0.263 U	<1.67 U	<1.25 U	<2 U	<0.25 U	<25 U	<25 U	<0.263 U	<1.25 U	<2 U	<2 U	<2 U
n-Nitrosodimethylamine	62-75-9	NS	ug/l	<0.556 UJ	<0.5 UJ	<0.5 UJ	<0.526 U	<3.33 UJ	<2.5 UJ	NA	<0.5 UJ	<50 UJ	<50 UJ	<0.526 U	<2.5 UJ	NA	NA	NA
n-Nitrosodi-N-Propylamine	621-64-7	NS	ug/l	<5.56 UJ	<5 U	<5 UJ	<5.26 U	<6.67 U	<5 U	<5 U	<50 U	<25 U	<5 U	<5.26 U	<5 UJ	<5 U	<5 U	<5 U
n-Nitrosodiphenylamine	86-30-6	50	ug/l	<5.56 UJ	<5 U	<5 UJ	<5.26 U	<6.67 U	<5 U	3.3	<50 U	<25 U	<5 U	3.71 J	<5 UJ	<2 U	3.9	2.2
Pentachlorophenol	87-86-5	**1**	ug/l	0.444 J	<0.25 U	<0.25 U	<0.263 U	<1.67 U	<1.25 U	<1.6 U	<0.25 U	<25 U	<25 U	<0.263 U	<1.25 UJ	0.24 J	<0.8 U	<0.8 UJ
Phenanthrene	85-01-8	50	ug/l	<0.0556 UJ	<0.05 U	0.1	<0.0526 U	0.6 D	0.7 D	0.99	<0.05 U	<5 U	<5 U	2.04	<0.25 U	0.46	1.1	1.4
Phenol	108-95-2	**1**	ug/l	<5.56 UJ	<5 U	<5 UJ	<5.26 U	<6.67 U	<5 U	<5 U	<50 U	<25 U	<5 U	**1.57 J**	<5 U	<5 U	<5 U	<5 U
Pyrene	129-00-0	50	ug/l	<0.0556 UJ	<0.05 U	<0.05 U	<0.0526 U	0.4 D	<0.25 U	0.48	<0.05 U	<5 U	<5 U	<0.0526 U	<0.25 U	0.07 J	0.25	1.1
Pyridine	110-86-1	50	ug/l	<5.56 UJ	<5 UJ	<5 UJ	<5.26 U	<6.67 U	<5 U	NA	<50 UJ	<25 U	<5 U	<5.26 U	<5 UJ	NA	NA	NA

Table 2
Quarterly Groundwater Monitoring Report - October 2025
Groundwater Sample Analytical Results

Willets Point Development
Queens, New York
NYSDEC BCP Site No.: C241146B, C241146D, C241146E and C241146H
Langan Project No.: 170197605

Analyte	CAS Number	NYSDEC SGVs	Location	J-MW118	J-MW118	J-MW118	J-MW118	J-MW118	J-MW118	J-MW118	J-MW118	J-MW118	J-MW201	J-MW201	J-MW201	J-MW202	J-MW202	J-MW202	J-MW202
			Sample Name	J-MW118_062623	J-MW118_092723	J-MW118_122823	J-MW118_040424	J-MW118_071624	J-MW118_020725	J-MW118_053025	J-MW118_072325	J-MW118_102025	J-MW201_053025	J-MW201_072325	J-MW201_102025	J-MW202_052925	DUP01_052925	J-MW202_072325	J-MW202_102025
			Sample Date	06/26/2023	09/27/2023	12/27/2023	04/04/2024	07/16/2024	02/07/2025	05/30/2025	07/23/2025	10/20/2025	05/30/2025	07/23/2025	10/20/2025	05/29/2025	05/29/2025	07/23/2025	10/20/2025
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds																			
1,2,4,5-Tetrachlorobenzene	95-94-3	5	ug/l	<5.56 U	<5 U	<5 U	<5 UJ	<5 U	<5.56 U	<5 U	<10 U	<10 U	<5 U	<10 U	<10 U	<5 U	<5 UJ	<10 U	<50 U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	NA	NA	NA	NA	NA	NA	NA	<5 U	<5 U	NA	<5 U	<5 U	NA	NA	<5 U	<25 U
1,2-Dichlorobenzene	95-50-1	3	ug/l	NA	NA	NA	NA	NA	NA	NA	2.4	1.9 J	NA	1.1 J	0.98 J	NA	NA	<2 U	<10 U
1,2-Diphenylhydrazine	122-66-7	**0**	ug/l	<5.56 U	<5 U	<5 U	<5 UJ	<5 U	<5.56 U	<5 U	NA	NA	<5 U	NA	NA	<5 U	<5 UJ	NA	NA
1,3-Dichlorobenzene	541-73-1	3	ug/l	NA	NA	NA	NA	NA	NA	NA	<2 U	<2 U	NA	<2 U	<2 U	NA	NA	<2 U	<10 U
1,4-Dichlorobenzene	106-46-7	**3**	ug/l	NA	NA	NA	NA	NA	NA	NA	<2 U	<2 U	NA	<2 U	<2 U	NA	NA	<2 U	<10 U
1,4-Dioxane (P-Dioxane)	123-91-1	**0.35**	ug/l	**0.528**	**0.784**	**0.64**	**0.864**	**1.15**	**1.26**	NA	**3.3**	**4.59**	NA	**10.5**	**11.6**	NA	NA	**6.87**	**10.1**
2,3,4,6-Tetrachlorophenol	58-90-2	NS	ug/l	<5.56 U	<5 U	<5 U	<5 UJ	<5 U	<5.56 U	<5 U	NA	NA	<5 U	NA	NA	<5 U	<5 UJ	NA	NA
2,4,5-Trichlorophenol	95-95-4	NS	ug/l	<5.56 U	<5 U	<5 U	<5 UJ	<5 U	<5.56 U	<5 U	2.2 J	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	<25 U
2,4,6-Trichlorophenol	88-06-2	NS	ug/l	<5.56 U	<5 U	<5 U	<5 UJ	<5 U	<5.56 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	<25 U
2,4-Dichlorophenol	120-83-2	**1**	ug/l	<5.56 U	<5 U	<5 U	<5 UJ	<5 U	<5.56 U	<5 U	**2.4 J**	<5 U	**5.44**	<5 U	<5 U	<5 U	<5 UJ	<5 U	<25 U
2,4-Dimethylphenol	105-67-9	**1**	ug/l	<5.56 U	<5 U	<5 U	<5 UJ	<5 U	<5.56 U	**12.9**	**8.4**	**4.8 J**	**59.4 D**	**120**	**110**	**28 J**	**19.2 J**	**22**	**67**
2,4-Dinitrophenol	51-28-5	1	ug/l	<5.56 U	<5 U	<5 U	<5 UJ	<5 U	<5.56 U	<5 U	<20 U	<20 UJ	<5 U	<20 U	<20 UJ	<5 U	<5 UJ	<20 U	<100 UJ
2,4-Dinitrotoluene	121-14-2	**5**	ug/l	<5.56 U	<5 U	<5 U	<5 UJ	<5 U	**15.3**	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	<25 U
2,6-Dinitrotoluene	606-20-2	5	ug/l	<5.56 U	<5 U	<5 U	<5 UJ	<5 U	<5.56 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	<25 U
2-Chloronaphthalene	91-58-7	10	ug/l	<5.56 U	<5 U	<5 U	<5 UJ	<5 U	<5.56 U	<5 U	<0.2 U	<0.2 U	<5 U	<0.2 U	<0.2 U	<5 U	<5 UJ	<0.2 U	<2 U
2-Chlorophenol	95-57-8	NS	ug/l	<5.56 U	<5 U	<5 U	<5 UJ	<5 U	<5.56 U	<5 U	<2 U	<2 U	<5 U	<2 U	<2 U	<5 U	<5 UJ	<2 U	<10 U
2-Methylnaphthalene	91-57-6	NS	ug/l	<5.56 U	<5 U	<5 U	<5 UJ	<5 U	<5.56 U	13.1	22	22	30.9 JD	78	110	<5 U	<5 UJ	7.5	6.5
2-Methylphenol (o-Cresol)	95-48-7	NS	ug/l	<5.56 U	<5 U	<5 U	<5 UJ	<5 U	<5.56 U	32.1	8.7	5.6	14.7	20	18	8.7	7.08 J	12	40
2-Nitroaniline	88-74-4	5	ug/l	<5.56 U	<5 U	<5 U	<5 UJ	<5 U	<5.56 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	<25 U
2-Nitrophenol	88-75-5	NS	ug/l	<5.56 U	<5 UJ	<5 U	<5 UJ	<5 U	<5.56 U	<5 U	<10 U	<10 U	<5 U	<10 U	<10 U	<5 U	<5 UJ	<10 U	<50 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	NS	ug/l	<5.56 U	<5 U	<5 U	<5 UJ	<5 U	<5.56 U	27.2	170	48	88.6 D	190	95	37.3	34.9 J	62	240
3,3'-Dichlorobenzidine	91-94-1	**5**	ug/l	<5.56 U	<5 U	<5 U	<5 UJ	<5 U	<5.56 U	<5 U	<5 U	<5 U	**7.7**	<5 U	<5 U	<5 UJ	**10.4 J**	<5 U	<25 U
3-Nitroaniline	99-09-2	5	ug/l	<5.56 U	<5 U	<5 U	<5 UJ	<5 U	<5.56 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	<25 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	ug/l	<5.56 U	<5 U	<5 U	<5 UJ	<5 U	<5.56 U	<5 U	<10 U	<10 U	<5 U	<10 U	<10 U	<5 U	<5 UJ	<10 U	<50 U
4-Bromophenyl Phenyl Ether	101-55-3	NS	ug/l	<5.56 U	<5 U	<5 U	<5 UJ	<5 U	<5.56 U	<5 U	<2 U	<2 U	<5 U	<2 U	<2 U	<5 U	<5 UJ	<2 U	<10 U
4-Chloro-3-Methylphenol	59-50-7	NS	ug/l	<5.56 U	<5 U	<5 U	<5 UJ	<5 U	<5.56 U	<5 U	<2 U	<2 U	<5 U	<2 U	<2 U	<5 U	<5 UJ	<2 U	<10 U
4-Chloroaniline	106-47-8	5	ug/l	<5.56 U	<5 U	<5 U	<5 UJ	<5 U	<5.56 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 UJ	<5 U	<25 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	ug/l	<5.56 U	<5 U	<5 U	<5 UJ	<5 U	<5.56 U	<5 U	<2 U	<2 U	<5 U	<2 U	<2 U	<5 U	<5 UJ	<2 U	<10 U
4-Nitroaniline	100-01-6	5	ug/l	<5.56 U	<5 U	<5 U	<5 UJ	<5 U	<5.56 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	<25 U
4-Nitrophenol	100-02-7	NS	ug/l	<5.56 U	<5 U	<5 U	<5 UJ	<5 U	<5.56 U	<5 U	<10 U	<10 U	<5 U	<10 U	<10 U	<5 UJ	<5 UJ	<10 U	<50 U
Acenaphthene	83-32-9	**20**	ug/l	0.0889	<0.05 U	<0.05 U	0.06	0.09	<0.0556 U	<0.5 U	0.85	0.78	1.6 D	3.2	4.3	<2.5 U	<2.5 U	<0.1 U	<1 U
Acenaphthylene	208-96-8	NS	ug/l	<0.0556 U	<0.05 U	<0.05 U	0.08	<0.05 U	<0.0556 U	<0.5 U	0.12	0.11	<0.5 U	0.64	0.75	<2.5 U	<2.5 U	0.35	0.79 J
Acetophenone	98-86-2	NS	ug/l	<5.56 U	<5 U	<5 U	<5 UJ	<5 U	<5.56 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	<25 U
Aniline (Phenylamine, Aminobenzene)	62-53-3	5	ug/l	<5.56 U	<5 U	<5 U	<5 UJ	<5 U	<5.56 U	<5 U	NA	NA	<5 U	NA	NA	<5 UJ	<5 UJ	NA	NA
Anthracene	120-12-7	50	ug/l	<0.0556 U	<0.05 U	<0.05 U	<0.05 U	1.19	0.422	0.8 D	1.1	0.92	1.7 D	3	2.8	3.5 D	<2.5 U	2.9	5
Atrazine	1912-24-9	7.5	ug/l	<0.556 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.556 U	<5 U	NA	NA	<5 U	NA	NA	<25 U	<25 U	NA	NA
Benzaldehyde	100-52-7	NS	ug/l	<5.56 U	<5 U	<5 U	<5 UJ	<5 U	<5.56 U	<5 U	NA	NA	<5 U	NA	NA	<5 U	<5 UJ	NA	NA
Benzidine	92-87-5	5	ug/l	<5.56 U	<5 U	<5 U	<5 UJ	<5 U	<5.56 U	<5 U	NA	NA	<5 U	NA	NA	<5 U	<5 UJ	NA	NA
Benzo(a)anthracene	56-55-3	**0.002**	ug/l	**0.0667**	<0.05 U	<0.05 U	**0.08**	**0.22**	**0.0889**	<0.5 U	**0.57**	**0.6**	<0.5 U	**0.86**	**0.55**	<2.5 U	<2.5 U	**0.59**	**1.8**
Benzo(a)pyrene	50-32-8	**0**	ug/l	<0.0556 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.0556 U	<0.5 U	**0.17**	**0.06 J**	<0.5 U	<0.1 U	<0.1 U	<2.5 U	<2.5 U	<0.1 U	**0.84 J**
Benzo(b)fluoranthene	205-99-2	**0.002**	ug/l	<0.0556 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.0556 U	<0.5 U	**0.34**	**0.09 J**	<0.5 U	<0.1 U	**0.11**	<2.5 U	<2.5 U	<0.1 U	**1.1**
Benzo(g,h,i)Perylene	191-24-2	NS	ug/l	<0.0556 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.0556 U	<0.5 U	0.13	0.07 J	<0.5 U	<0.1 U	0.09 J	<2.5 U	<2.5 U	<0.1 U	0.6 J
Benzo(k)fluoranthene	207-08-9	**0.002**	ug/l	<0.0556 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.0556 U	<0.5 U	**0.06 J**	**0.05 J**	<0.5 U	<0.1 U	**0.13**	<2.5 U	<2.5 U	<0.1 U	<1 U
Benzoic Acid	65-85-0	NS	ug/l	<5.56 U	<5 UJ	<5 UJ	<5 UJ	<5 UJ	<5.56 U	<5 U	210	<50 U	79.5 D	360	<50 U	<5 UJ	<5 UJ	450	2,400
Benzyl Alcohol	100-51-6	NS	ug/l	<5.56 U	<5 U	<5 U	<5 UJ	<5 U	<5.56 U	3.82 J	<2 U	<2 U	13	<2 U	<2 U	22.7	18.7 J	<2 U	16
Benzyl Butyl Phthalate	85-68-7	50	ug/l	<5.56 U	<5 U	<5 U	<5 UJ	<5 U	<5.56 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	2.6 J	<25 U
Biphenyl (Diphenyl)	92-52-4	**5**	ug/l	<5.56 U	<5 U	<5 U	<5 UJ	<5 U	<5.56 U	<5 U	<2 U	<2 U	<5 U	<2 U	<2 U	<5 U	<5 UJ	<2 U	<10 U
Bis(2-chloroethoxy) methane	111-91-1	5	ug/l	<5.56 U	<5 U	<5 U	<5 UJ	<5 U	<5.56 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	<25 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	1	ug/l	<5.56 U	<5 U	<5 U	<5 UJ	<5 U	<5.56 U	<5 U	<2 U	<2 U	<5 U	<2 U	<2 U	<5 U	<5 UJ	<2 U	<10 U
Bis(2-chloroisopropyl) ether	108-60-1	5	ug/l	<5.56 U	<5 U	<5 U	<5 UJ	<5 U	<5.56 U	<5 U	<2 U	<2 U	<5 U	<2 U	<2 U	<5 U	<5 UJ	<2 U	<10 U
Bis(2-ethylhexyl) phthalate	117-81-7	**5**	ug/l	4.47 J	<0.5 U	0.6	<0.5 U	<0.5 U	<0.556 U	<5 U	4.9	<3 U	<5 U	**7.5**	<3 U	<25 U	<25 U	<3 U	<15 U
Caprolactam	105-60-2	NS	ug/l	<5.56 U	<5 UJ	<5 U	<5 UJ	<5 U	<5.56 U	<5 U	NA	NA	<5 U	NA	NA	<5 U	<5 UJ	NA	NA
Carbazole	86-74-8	NS	ug/l	<5.56 U	<5 U	<5 U	<5 UJ	<5 U	<5.56 U	<5 U	<2 U	1.4 J	<5 U	3.8	4.3	<5 U	<5 UJ	<2 U	<10 U
Chrysene	218-01-9	**0.002**	ug/l	<0.0556 U	<0.05 U	<0.05 U	**0.07**	**0.23**	**0.1**	<0.5 U	**0.17**	**0.08 J**	<0.5 U	**0.31**	**0.21**	<2.5 U	<2.5 U	**0.23**	**0.95 J**
Dibenz(a,h)anthracene	53-70-3	NS	ug/l	<0.0556 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.0556 U	<0.5 U	0.09 J	0.05 J	<0.5 U	<0.1 U	<0.1 U	<2.5 U	<2.5 U	<0.1 U	<1 U
Dibenzofuran	132-64-9	NS	ug/l	<5.56 U	<5 U	<5 U	<5 UJ	<5 U	<5.56 U	<5 U	<2 U	0.5 J	<5 U	<2 U	1.7 J	<5 U	<5 UJ	<2 U	<10 U
Dibutyl phthalate	84-74-2	50	ug/l	<5.56 U	<5 U	<5 U	<5 UJ	<5 U	<5.56 U	<5 U	<5 U	<5 U	<5 U	6.6	<5 U	<5 U	<5 UJ	3.9 J	<25 U
Diethyl phthalate	84-66-2	**50**	ug/l	<5.56 U	<5 U	<5 U	<5 UJ	<5 U	<5.56 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	6	<25 U
Dimethyl phthalate	131-11-3	50	ug/l	<5.56 U	<5 U	<5 U	<5 UJ	<5 U	<5.56 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	<25 U
Dioctyl phthalate	117-84-0	50	ug/l	<5.56 U	<5 U	<5 U	<5 UJ	<5 U	<5.56 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	<25 U
Diphenylamine	122-39-4	5	ug/l	<5.56 U	<5 U	<5 U	<5 UJ	<5 U	<5.56 U	<5 U	NA	NA	<5 U	NA	NA	<5 U	<5 UJ	NA	NA
Fluoranthene	206-44-0	50	ug/l	0.167	0.05	<0.05 U	0.06 J	0.31	0.122	<0.5 U	0.66	0.45	1.3 D	1.1	0.72	<2.5 U	<2.5 U	0.93	2.7
Fluorene	86-73-7	50	ug/l	<0.111 U	0.19	<0.05 U	<0.09 U	0.11	0.167	<0.5 U	0.98	0.98	1.6 D	3.2	4.1	<2.5 U	<2.5 U	0.97	1.6
Hexachlorobenzene	118-74-1	0.04	ug/l	<0.0222 U	<0.02 U	<0.02 U	<0.02 U	<0.02 UJ	<0.0222 U	<0.2 U	<0.8 U	<0.8 U	<0.2 U	<0.8 U	<0.8 U	<1 U	<1 U	<0.8 U	<8 U
Hexachlorobutadiene	87-68-3	0.5	ug/l	<0.556 UJ	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.556 UJ	<5 U	<0.5 U	<0.5 U	<5 U	<0.5 U	<0.5 U	<25 U	<25 U	<0.5 U	<5 U
Hexachlorocyclopentadiene	77-47-4	5	ug/l	<11.1 U	<10 U	<10 UJ	<10 UJ	<10 U	<11.1 U	<10 U	<20 U	<20 U	<10 U	<20 U	<20 U	<10 UJ	<10 UJ	<20 U	<100 U
Hexachloroethane	67-72-1	5	ug/l	<0.556 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.556 U	<5 U	<0.8 U	<0.8 U	<5 U	<0.8 U	<0.8 U	<25 U	<25 U	<0.8 U	<8 U
Indeno(1,2,3-cd)pyrene	193-39-5	**0.002**	ug/l	<0.0556 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.0556 U	<0.5 U	**0.13**	**0.07 J**	<0.5 U	<0.1 U	**0.07 J**	<2.5 U	<2.5 U	<0.1 U	**0.62 J**
Isophorone	78-59-1	50	ug/l	<5.56 U	<5 UJ	<5 U	<5 UJ	<5 U	<5.56 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	<25 U
Naphthalene	91-20-3	**10**	ug/l	0.267	<0.05 U	0.14	0.6 J	2.06	5.06	**36.2 D**	**49**	**75**	**18 D**	**34**	**36**	**11.5 J**	8 J	**18**	**14**
Nitrobenzene	98-95-3	0.4	ug/l	<0.278 U	<0.25 U	<0.25 U	<0.25 U	<0.25 U	<0.278 U	<2.5 U	<2 U	<2 U	<2.5 U	<2 U	<2 U	<12.5 U	<12.5 U	<2 U	<10 U
n-Nitrosodimethylamine	62-75-9	NS	ug/l	<0.556 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 U	<0.556 UJ	<5 UJ	NA	NA	<5 UJ	NA	NA	<25 UJ	<25 UJ	NA	NA
n-Nitrosodi-N-Propylamine	621-64-7	NS	ug/l	<5.56 U	<5 U	<5 U	<5 U	<5 U	<5.56 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	<25 U
n-Nitrosodiphenylamine	86-30-6	50	ug/l	<5.56 U	<5 U	<5 U	<5 UJ	<5 U	<5.56 U	<5 U	<2 U	<2 U	<5 U	<2 U	<2 U	<5 U	<5 UJ	<2 U	<10 U
Pentachlorophenol	87-86-5	**1**	ug/l	<0.278 U	<0.25 U	<0.25 U	<0.25 U	<0.25 U	<0.278 U	<2.5 U	**3.2**	0.34 J	**3.8 D**	**2.5**	0.3 J	<12.5 U	<12.5 U	0.68 J	<8 U
Phenanthrene	85-01-8	50	ug/l	0.122	0.08	<0.05 U	0.37	0.32	0.411	0.9 D	1.8	1.5	3.1 D	4.6	4.6	<2.5 U	<2.5 U	2.2	3.3
Phenol	108-95-2	**1**	ug/l	<5.56 U	<5 U	<5 U	<5 U	<5 U	<5.56 U	**11.2**	**47**	**11**	**15.4**	**29**	<5 U	<5 UJ	**18.2 J**	**22**	**94**
Pyrene	129-00-0	50	ug/l	0.144	<0.05 U	<0.05 U	0.06	0.1	0.0889 J	<0.5 U	0.56	0.36	0.5 D	1	0.52	<2.5 U	<2.5 U	0.72	2.6
Pyridine	110-86-1	50	ug/l	<5.56 U	<5 U	<5 UJ	<5 UJ	<5 U	<5.56 U	<5 U	NA	NA	<5 U	NA	NA	<5 UJ	<5 UJ	NA	NA

Table 2
Quarterly Groundwater Monitoring Report - October 2025
Groundwater Sample Analytical Results

Willets Point Development
Queens, New York
NYSDEC BCP Site No.: C241146B, C241146D, C241146E and C241146H
Langan Project No.: 170197605

Analyte	CAS Number	NYSDEC SGVs	Location	J-MW203	J-MW203	J-MW203	J-MW204	J-MW204	J-MW204	J-MW205	J-MW205	J-MW205
			Sample Name	J-MW203_052925	J-MW203_072325	J-MW203_102025	J-MW204_052925	J-MW204_072325	J-MW204_102025	J-MW205_053025	J-MW205_072325	J-MW205_102025
			Sample Date	05/29/2025	07/23/2025	10/20/2025	05/29/2025	07/23/2025	10/20/2025	05/30/2025	07/23/2025	10/20/2025
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds												
1,2,4,5-Tetrachlorobenzene	95-94-3	5	ug/l	<5 U	<10 U	<10 U	<5 UJ	<10 U	<50 U	<5 U	<10 U	<50 U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	NA	<5 U	<5 U	NA	<5 U	<25 U	NA	<5 U	<25 U
1,2-Dichlorobenzene	95-50-1	3	ug/l	NA	<2 U	<2 U	NA	<2 U	<10 U	NA	<2 U	<10 U
1,2-Diphenylhydrazine	122-66-7	**0**	ug/l	<5 U	NA	NA	<5 UJ	NA	NA	<5 U	NA	NA
1,3-Dichlorobenzene	541-73-1	3	ug/l	NA	<2 U	<2 U	NA	<2 U	<10 U	NA	<2 U	<10 U
1,4-Dichlorobenzene	106-46-7	**3**	ug/l	NA	<2 U	<2 U	NA	<2 U	<10 U	NA	<2 U	<10 U
1,4-Dioxane (P-Dioxane)	123-91-1	**0.35**	ug/l	NA	**2.3 J**	**2.79**	NA	**2.92 J**	**5.67**	NA	**12.4**	**10**
2,3,4,6-Tetrachlorophenol	58-90-2	NS	ug/l	<5 U	NA	NA	<5 U	NA	NA	<5 U	NA	NA
2,4,5-Trichlorophenol	95-95-4	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<25 U	<5 U	3.8 J	<25 U
2,4,6-Trichlorophenol	88-06-2	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<25 U	<5 U	<5 U	<25 U
2,4-Dichlorophenol	120-83-2	**1**	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<25 U	<5 U	**5.8**	<25 U
2,4-Dimethylphenol	105-67-9	**1**	ug/l	<5 U	<5 U	**2.8 J**	<5 U	**6.6**	**34**	**11.3**	**28**	**29**
2,4-Dinitrophenol	51-28-5	1	ug/l	<5 U	<20 U	<20 UJ	<5 U	<20 U	<100 UJ	<5 U	<20 U	<100 UJ
2,4-Dinitrotoluene	121-14-2	**5**	ug/l	<5 U	<5 U	<5 U	<5 UJ	<5 U	<25 U	<5 U	<5 U	<25 U
2,6-Dinitrotoluene	606-20-2	5	ug/l	<5 U	<5 U	<5 U	<5 UJ	<5 U	<25 U	<5 U	<5 U	<25 U
2-Chloronaphthalene	91-58-7	10	ug/l	<5 U	<0.2 U	<0.2 U	<5 UJ	<0.2 U	<0.2 U	<5 U	<0.2 U	<0.2 U
2-Chlorophenol	95-57-8	NS	ug/l	<5 U	<2 U	<2 U	<5 U	<2 U	<10 U	<5 U	<2 U	<10 U
2-Methylnaphthalene	91-57-6	NS	ug/l	<5 U	0.83	1.1	6.03 J	4.7	3.8	3.47 J	9.2	11
2-Methylphenol (o-Cresol)	95-48-7	NS	ug/l	<5 U	<5 U	<5 U	<5 U	3.8 J	21 J	<5 U	24	18 J
2-Nitroaniline	88-74-4	5	ug/l	<5 U	<5 U	<5 U	<5 UJ	<5 U	<25 U	<5 U	<5 U	<25 U
2-Nitrophenol	88-75-5	NS	ug/l	<5 U	<10 U	<10 U	<5 U	<10 U	<50 U	<5 U	<10 U	<50 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	NS	ug/l	<5 U	<5 U	3 J	<5 U	23	130	25.3	260	190
3,3'-Dichlorobenzidine	91-94-1	**5**	ug/l	<5 U	<5 U	<5 U	<5 UJ	<5 U	<25 U	3.63 J	<5 U	<25 U
3-Nitroaniline	99-09-2	5	ug/l	<5 U	<5 U	<5 U	<5 UJ	<5 U	<25 U	<5 U	<5 U	<25 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	ug/l	<5 U	<10 U	<10 U	<5 U	<10 U	<50 U	<5 U	<10 U	<50 U
4-Bromophenyl Phenyl Ether	101-55-3	NS	ug/l	<5 U	<2 U	<2 U	<5 UJ	<2 U	<10 U	<5 U	<2 U	<10 U
4-Chloro-3-Methylphenol	59-50-7	NS	ug/l	<5 U	<2 U	<2 U	<5 U	<2 U	<10 U	<5 U	<2 U	<10 U
4-Chloroaniline	106-47-8	5	ug/l	<5 UJ	<5 U	<5 U	<5 UJ	<5 U	<25 U	<5 U	<5 U	<25 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	ug/l	<5 U	<2 U	<2 U	<5 UJ	<2 U	<10 U	<5 U	<2 U	<10 U
4-Nitroaniline	100-01-6	5	ug/l	<5 U	<5 U	<5 U	<5 UJ	<5 U	<25 U	<5 U	<5 U	<25 U
4-Nitrophenol	100-02-7	NS	ug/l	<5 UJ	<10 U	<10 U	<5 UJ	<10 U	<50 U	<5 U	<10 U	<50 U
Acenaphthene	83-32-9	**20**	ug/l	<0.05 U	0.36	0.92	<2.5 U	0.76	0.64	0.8 D	1.2	2
Acenaphthylene	208-96-8	NS	ug/l	<0.05 U	0.04 J	0.07 J	<2.5 U	0.17	0.25	0.7 D	<0.1 U	0.2
Acetophenone	98-86-2	NS	ug/l	<5 U	<5 U	<5 U	<5 UJ	<5 U	<25 U	<5 U	<5 U	<25 U
Aniline (Phenylamine, Aminobenzene)	62-53-3	5	ug/l	<5 UJ	NA	NA	<5 UJ	NA	NA	<5 U	NA	NA
Anthracene	120-12-7	50	ug/l	<0.05 U	0.42	0.37	4.5 D	1.3	2.1	1.9 D	5.2	3.3
Atrazine	1912-24-9	7.5	ug/l	<0.5 U	NA	NA	<25 U	NA	NA	<5 U	NA	NA
Benzaldehyde	100-52-7	NS	ug/l	<5 U	NA	NA	<5 UJ	NA	NA	<5 U	NA	NA
Benzidine	92-87-5	5	ug/l	<5 U	NA	NA	<5 UJ	NA	NA	<5 U	NA	NA
Benzo(a)anthracene	56-55-3	**0.002**	ug/l	<0.05 U	**0.13**	**0.2 J**	**3.5 D**	**0.58**	**0.95**	**0.7 D**	**3.7**	**2.2**
Benzo(a)pyrene	50-32-8	**0**	ug/l	<0.05 U	<0.1 U	**0.04 J**	<2.5 U	**0.32**	**0.26**	<0.5 U	<0.1 U	**0.12**
Benzo(b)fluoranthene	205-99-2	**0.002**	ug/l	<0.05 U	**0.03 J**	**0.05 J**	<2.5 U	**0.44**	**0.31**	<0.5 U	<0.1 U	**0.18**
Benzo(g,h,i)Perylene	191-24-2	NS	ug/l	<0.05 U	<0.1 U	0.03 J	<2.5 U	0.2	0.18	<0.5 U	<0.1 U	0.08 J
Benzo(k)fluoranthene	207-08-9	**0.002**	ug/l	<0.05 U	<0.1 U	<0.1 U	<2.5 U	**0.12**	**0.1**	<0.5 U	<0.1 U	**0.05 J**
Benzoic Acid	65-85-0	NS	ug/l	<5 UJ	16 J	<50 U	<5 UJ	27 J	320	<5 U	360	<50 U
Benzyl Alcohol	100-51-6	NS	ug/l	<5 U	<2 U	<2 U	<5 UJ	<2 U	<10 U	4.93 J	15	<10 U
Benzyl Butyl Phthalate	85-68-7	50	ug/l	<5 U	<5 U	<5 U	<5 UJ	<5 U	<25 U	<5 U	<5 U	<25 U
Biphenyl (Diphenyl)	92-52-4	**5**	ug/l	<5 U	<2 U	<2 U	<5 UJ	<2 U	<10 U	<5 U	<2 U	<10 U
Bis(2-chloroethoxy) methane	111-91-1	5	ug/l	<5 U	<5 U	<5 U	<5 UJ	<5 U	<25 U	<5 U	<5 U	<25 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	1	ug/l	<5 U	<2 U	<2 U	<5 UJ	<2 U	<10 U	<5 U	<2 U	<10 U
Bis(2-chloroisopropyl) ether	108-60-1	5	ug/l	<5 U	<2 U	<2 U	<5 UJ	<2 U	<10 U	<5 U	<2 U	<10 U
Bis(2-ethylhexyl) phthalate	117-81-7	**5**	ug/l	0.78	<3 U	1.5 J	<25 U	4.3	<15 U	<5 U	4.7	<15 U
Caprolactam	105-60-2	NS	ug/l	<5 U	NA	NA	<5 UJ	NA	NA	<5 U	NA	NA
Carbazole	86-74-8	NS	ug/l	<5 U	<2 U	<2 U	<5 UJ	<2 U	<10 U	<5 U	2.7	4.2 J
Chrysene	218-01-9	**0.002**	ug/l	**0.18**	**0.05 J**	**0.04 J**	**2.5 D**	**0.32**	**0.2**	<0.5 U	**0.22**	**0.19**
Dibenz(a,h)anthracene	53-70-3	NS	ug/l	<0.05 U	<0.1 U	<0.1 U	<2.5 U	0.1 J	<0.1 U	<0.5 U	<0.1 U	<0.1 U
Dibenzofuran	132-64-9	NS	ug/l	<5 U	<2 U	<2 U	<5 UJ	<2 U	<10 U	<5 U	<2 U	<10 U
Dibutyl phthalate	84-74-2	50	ug/l	<5 U	<5 U	<5 U	<5 UJ	5.9	<25 U	<5 U	<5 U	<25 U
Diethyl phthalate	84-66-2	**50**	ug/l	<5 U	<5 U	<5 U	<5 UJ	<5 U	<25 U	<5 U	<5 U	<25 U
Dimethyl phthalate	131-11-3	50	ug/l	<5 U	<5 U	<5 U	<5 UJ	<5 U	<25 U	<5 U	<5 U	<25 U
Dioctyl phthalate	117-84-0	50	ug/l	<5 U	<5 U	<5 U	<5 UJ	<5 U	<25 U	<5 U	<5 U	<25 U
Diphenylamine	122-39-4	5	ug/l	<5 U	NA	NA	<5 UJ	NA	NA	<5 U	NA	NA
Fluoranthene	206-44-0	50	ug/l	0.43	0.36	0.23	10 D	0.97	0.54	0.5 D	1.2	0.62
Fluorene	86-73-7	50	ug/l	<0.05 U	0.23	0.26	<2.5 U	0.64	0.36	0.7 D	0.7	1.1
Hexachlorobenzene	118-74-1	0.04	ug/l	<0.02 U	<0.8 U	<0.8 U	<1 U	<0.8 U	<0.8 U	<0.2 U	<0.8 U	<0.8 U
Hexachlorobutadiene	87-68-3	0.5	ug/l	<0.5 U	<0.5 U	<0.5 U	<25 U	<0.5 U	<0.5 U	<5 U	<0.5 U	<0.5 U
Hexachlorocyclopentadiene	77-47-4	5	ug/l	<10 UJ	<20 U	<20 U	<10 UJ	<20 U	<100 U	<10 U	<20 U	<100 U
Hexachloroethane	67-72-1	5	ug/l	<0.5 U	<0.8 U	<0.8 U	<25 U	<0.8 U	<0.8 U	<5 U	<0.8 U	<0.8 U
Indeno(1,2,3-cd)pyrene	193-39-5	**0.002**	ug/l	<0.05 U	<0.1 U	**0.02 J**	<2.5 U	**0.22**	**0.17**	<0.5 U	<0.1 U	<0.1 U
Isophorone	78-59-1	50	ug/l	<5 U	<5 U	<5 U	<5 UJ	<5 U	<25 U	<5 U	<5 U	<25 U
Naphthalene	91-20-3	**10**	ug/l	0.11	1.2	3.7	**12 D**	9.3	10	**14.5 D**	**25**	**30**
Nitrobenzene	98-95-3	0.4	ug/l	<0.25 U	<2 U	<2 U	<12.5 U	<2 U	<10 U	<2.5 U	<2 U	<10 U
n-Nitrosodimethylamine	62-75-9	NS	ug/l	<0.5 UJ	NA	NA	<25 UJ	NA	NA	<5 UJ	NA	NA
n-Nitrosodi-N-Propylamine	621-64-7	NS	ug/l	<5 U	<5 U	<5 U	<5 UJ	<5 U	<25 U	<5 U	<5 U	<25 U
n-Nitrosodiphenylamine	86-30-6	50	ug/l	<5 U	<2 U	<2 U	<5 UJ	<2 U	<10 U	<5 U	<2 U	<10 U
Pentachlorophenol	87-86-5	**1**	ug/l	<0.25 U	<0.8 U	<0.8 U	<12.5 U	**1.5**	0.44 J	<2.5 U	**7.2**	**3.6**
Phenanthrene	85-01-8	50	ug/l	0.55	0.31	0.27	9.5 D	1.6	0.82	0.9 D	1.9	1.9
Phenol	108-95-2	**1**	ug/l	<5 U	<5 U	<5 U	**2.5 J**	**23**	**50**	**17.3**	**280**	**130**
Pyrene	129-00-0	50	ug/l	0.37	0.3	0.19	6.5 D	0.81	0.48	<0.5 U	0.74	0.53
Pyridine	110-86-1	50	ug/l	<5 UJ	NA	NA	<5 UJ	NA	NA	<5 U	NA	NA

Table 2
Quarterly Groundwater Monitoring Report - October 2025
Groundwater Sample Analytical Results

Willets Point Development
Queens, New York
NYSDEC BCP Site No.: C241146B, C241146D, C241146E and C241146H
Langan Project No.: 170197605

Notes:

CAS - Chemical Abstract Service
NS - No standard
ug/l - microgram per liter
NA - Not analyzed
RL - Reporting limit
<RL - Not detected

Groundwater sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 Codes, Rules, and Regulations (NYCRR) Part 703.5 and the NYSDEC Technical and Operation Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values for Class GA Water and published addenda (herein collectively referenced as "NYSDEC SGVs").

Qualifiers:

D - The concentration reported is a result of a diluted sample.
B - The analyte was found in the associated analysis batch blank.
J - The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
UJ - The analyte was not detected at a level greater than or equal to the RL; however, the reported RL is approximate and may be inaccurate or imprecise.
U - The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

Exceedance Summary:

10 - Result exceeds NYSDEC SGVs

ATTACHMENT A
MONITORING WELL INSTALLATION LOGS

WELL CONSTRUCTION AND DEVELOPMENT SUMMARY
Well No. A-MW115

PROJECT		PROJECT NO.	
Willets Point OU-1 (Phase 1A)		170197601	
LOCATION		**ELEVATION AND DATUM**	
Corona, Queens, NY		N/A	NAVD88
DRILLING AGENCY		**DATE STARTED**	**DATE FINISHED**
Lakewood Environmental Services Corp.		3/8/2022	3/8/2022
DRILLING EQUIPMENT		**DRILLER**	
Geoprobe® 7822 DT		Tim Kelly	
SIZE AND TYPE OF BIT		**INSPECTOR**	
2-inch Direct Push		Sophia Misiakiewicz	
BOREHOLE DIAMETER		**TYPE OF WELL (OVERBURDEN / BEDROCK)**	
2-inch		Overburden	
RISER MATERIAL	**DIAMETER**	**TYPE OF BACKFILL MATERIAL**	
PVC	2-inch	No. 2 Sand and Bentonite	
TYPE OF SCREEN	**DIAMETER**	**TYPE OF WELL PACK**	**TYPE OF SEAL MATERIAL**
PVC No. 10 Slot	2-inch	No. 2 Sand	Bentonite

METHOD OF INSTALLATION

A Geoprobe® 7822 DT was used to advance the boring to approximately 12 feet bgs. A 2-inch PVC monitoring well was installed which consisted of 11 feet of well screen, and a solid PVC riser. Well screen was installed from approximately 1 to 12 feet bgs with riser to about 3 feet above grade surface. The annulus was filled with sand to 0.5 feet bgs and sealed with a grout and bentonite mix to surface grade. The well was finished with a 4-inch diameter stick-up steel well casing.

WELL DEVELOPMENT DATA

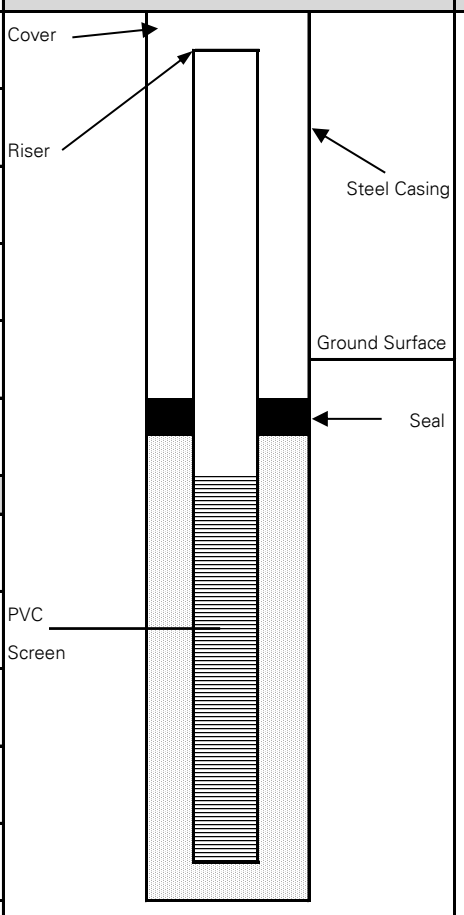
SURGE BLOCK DIAMETER	NA	**TYPE PUMP**	Peristaltic	**DEVELOPMENT CONFIRMATION**
DRILLER OR LANGAN	Driller	**MAX PUMP RATE**	1 gal/min	Well developed with peristaltic pump; tubing was moved vertically along screened interval to remove sediment, groundwater was purged until water was visibly clear.
NUMBER OF SURGE CYCLES	NA	**TOTAL VOLUME**	15 gallons	

TOP OF RISER	ELEVATION	DEPTH (ft)
	3 feet above surface grade	0
TOP OF SEAL	**ELEVATION**	**DEPTH (ft)**
	N/A	0.5
TOP OF FILTER	**ELEVATION**	**DEPTH (ft)**
	N/A	1
TOP OF SCREEN	**ELEVATION**	**DEPTH (ft)**
	N/A	2
BOTTOM OF BORING	**ELEVATION**	**DEPTH (ft)**
	N/A	12
SCREEN LENGTH		10 ft
SLOT SIZE		No. 10 Slot; 0.010 Inches

GROUNDWATER ELEVATIONS

ELEVATION	DATE	DEPTH TO WATER

WELL DETAILS



SUMMARY SOIL CLASSIFICATION	DEPTH (FT)
See boring log A-SB15 from RIR	
	3.8 feet above surface grade
	0.5
	1
	12

LANGAN Engineering, Environmental, Surveying, Landscape Architecture, and Geology D.P.C.
368 Ninth Avenue, 8th Floor, New York, NY 10001

WELL CONSTRUCTION AND DEVELOPMENT SUMMARY
Well No. A-MW204R

PROJECT		PROJECT NO.	
Willets Point Development		170197605	
LOCATION		**ELEVATION AND DATUM**	
Corona, Queens, New York		18.05 NAVD88	
DRILLING AGENCY		**DATE STARTED**	**DATE FINISHED**
Lakewood Environmental Services Corp.		7/3/2024	7/3/2024
DRILLING EQUIPMENT		**DRILLER**	
Geoprobe® 6610DT Direct Push		Adam Hutchinson	
SIZE AND TYPE OF BIT		**INSPECTOR**	
3.35-inch Steel Casing		Loagan Clements	
BOREHOLE DIAMETER		**TYPE OF WELL (OVERBURDEN / BEDROCK)**	
3.25-inch		Overburden	
RISER MATERIAL	**DIAMETER**	**TYPE OF BACKFILL MATERIAL**	
PVC	2-inch	No. 2 Sand and Bentonite	
TYPE OF SCREEN	**DIAMETER**	**TYPE OF WELL PACK**	**TYPE OF SEAL MATERIAL**
PVC No. 10 Slot	2-inch	No. 2 Sand	Grout w/ 5% Bentonite

METHOD OF INSTALLATION

A Geoprobe was used to advance the boring to approximately 12 feet bgs. A 2-inch PVC monitoring well was installed which consisted of 10' of 10 slot (0.010-inch) prepacked well screen, and a solid 1" PVC riser. Well screen was installed from approximately 1 to 11 feet bgs with riser from 1 feet bgs to about 4.3 feet above ground surface. The annulus around the screen was pre-packed with sand, and additional sand was filled to 0.5 feet bgs and sealed with bentonite chips to surface grade. The well was finished with a 6-inch diameter stick-up steel well casing.

WELL DEVELOPMENT DATA

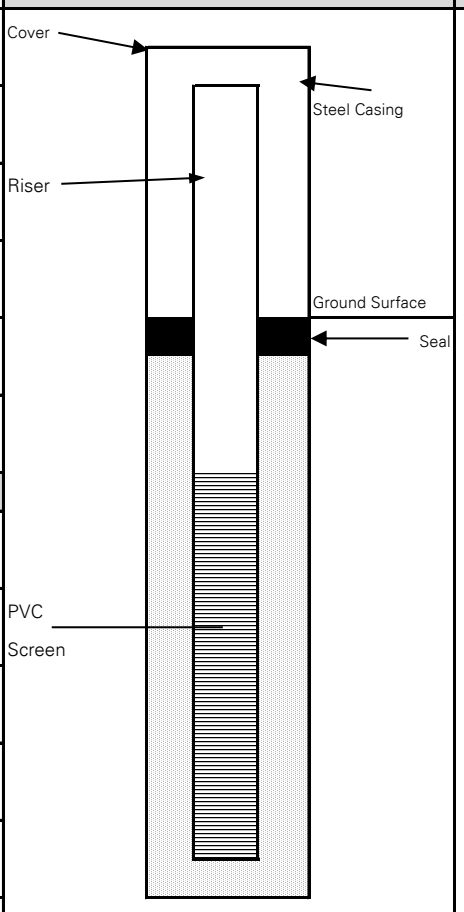
SURGE BLOCK DIAMETER	N/A	**TYPE PUMP**	Whale Pump	**DEVELOPMENT CONFIRMATION**
DRILLER OR LANGAN	Driller	**MAX PUMP RATE**	N/A	Well developed with whale pump; tubing was moved vertically along screened interval to remove sediment, groundwater was purged until water was visibly clear.
NUMBER OF SURGE CYCLES	N/A	**TOTAL VOLUME**	4 gallons	

	ELEVATION	DEPTH (ft bgs)
TOP OF CASING	18.05	-4.3
TOP OF SEAL	13.75	0
TOP OF FILTER	13.25	0.5
TOP OF SCREEN	11.8	1.9
BOTTOM OF BORING	1.84	11.91
SCREEN LENGTH		10 ft
SLOT SIZE		No. 10 Slot; 0.010 Inches

GROUNDWATER ELEVATIONS

ELEVATION	DATE	DEPTH TO WATER
10.96	12/27/2023	7.09 ft
7.65	1/13/2024	10.40 ft

WELL DETAILS



SUMMARY SOIL CLASSIFICATION	DEPTH (FT)
4.3 feet above surface grade	
	0.0
	0.5
	1.91
	11.91
	12

LANGAN Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.
368 Ninth Avenue, 8th Floor, New York, NY 10001

WELL CONSTRUCTION AND DEVELOPMENT SUMMARY
Well No. B-MW201R

PROJECT		PROJECT NO.	
Willets Point Development		170197601	
LOCATION		**ELEVATION AND DATUM**	
Queens, NY		12.66 NAVD88	
DRILLING AGENCY		**DATE STARTED**	**DATE FINISHED**
Cascade Technical Services LLC		7/3/2024	7/3/2024
DRILLING EQUIPMENT		**DRILLER**	
Geoprobe® 6610DT Direct Push		Adam Hutchinson	
SIZE AND TYPE OF BIT		**INSPECTOR**	
3.35-inch Steel Casing		Loagan Clements	
BOREHOLE DIAMETER		**TYPE OF WELL (OVERBURDEN / BEDROCK)**	
3.25-inch		Overburden	
RISER MATERIAL	**DIAMETER**	**TYPE OF BACKFILL MATERIAL**	
PVC	2-inch	No. 2 Sand and Bentonite	
TYPE OF SCREEN	**DIAMETER**	**TYPE OF WELL PACK**	**TYPE OF SEAL MATERIAL**
Prepacked Well Screen	1-inch	No. 2 Sand	Bentonite

METHOD OF INSTALLATION

A Geoprobe was used to advance the boring to approximately 11 feet bgs. A 2-inch PVC monitoring well was installed which consisted of 10' of 10 slot (0.010-inch) prepacked well screen, and a solid 1" PVC riser. Well screen was installed from approximately 0.5 to 11 feet bgs with riser from 0.5 feet bgs to about 4 feet above ground surface. The annulus around the screen was pre-packed with sand, and additional sand was filled to 0.5 feet bgs and sealed with bentonite chips to surface grade. The well was finished with a 6-inch diameter stick-up steel well casing.

WELL DEVELOPMENT DATA

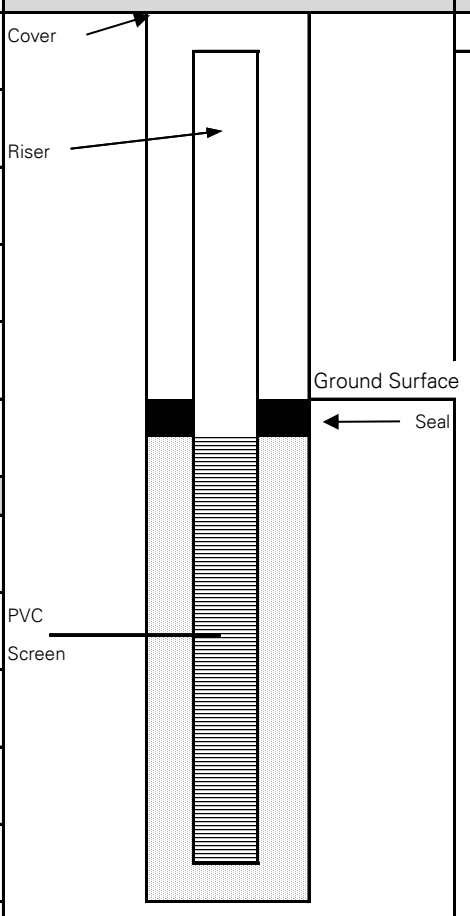
SURGE BLOCK DIAMETER	N/A	**TYPE PUMP**	Whale Pump	**DEVELOPMENT CONFIRMATION**
DRILLER OR LANGAN	Driller	**MAX PUMP RATE**	N/A	Well developed with whale pump; tubing was moved vertically along screened interval to remove sediment, groundwater was purged until water was visibly clear.
NUMBER OF SURGE CYCLES	N/A	**TOTAL VOLUME**	5 gallons	

TOP OF RISER	ELEVATION	DEPTH (ft bgs)
	16.26	-3.6
TOP OF SEAL	**ELEVATION**	**DEPTH (ft)**
	9.66	0.0
TOP OF FILTER	**ELEVATION**	**DEPTH (ft)**
	8.91	0.8
TOP OF SCREEN	**ELEVATION**	**DEPTH (ft)**
	8.91	0.8
BOTTOM OF BORING	**ELEVATION**	**DEPTH (ft)**
	-1.14	10.8
SCREEN LENGTH		10 ft
SLOT SIZE		No. 10 Slot; 0.010 Inches

GROUNDWATER ELEVATIONS

ELEVATION	DATE	DEPTH TO WATER
5.19	7/3/2024	7.47 ft
8.07	1/13/2024	4.59 ft

WELL DETAILS



SUMMARY SOIL CLASSIFICATION	DEPTH (FT)
	3.6
Above grade surface	
	0.0
	0.8
	10.80
	11.0

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WELL CONSTRUCTION AND DEVELOPMENT SUMMARY
Well No. B-MW206

PROJECT		PROJECT NO.	
Willets Point Development		170197605	
LOCATION		**ELEVATION AND DATUM**	
Corona, Queens, New York		23.08 NAVD88	
DRILLING AGENCY		**DATE STARTED**	**DATE FINISHED**
Lakewood Environmental Services Corp.		12/9/2023	12/9/2023
DRILLING EQUIPMENT		**DRILLER**	
Geoprobe® 6610DT Direct Push		Adam Hutchinson	
SIZE AND TYPE OF BIT		**INSPECTOR**	
3.35-inch Steel Casing		Harrison Bluestone	
BOREHOLE DIAMETER		**TYPE OF WELL (OVERBURDEN / BEDROCK)**	
3.25-inch		Overburden	
RISER MATERIAL	**DIAMETER**	**TYPE OF BACKFILL MATERIAL**	
PVC	2-inch	No. 2 Sand and Bentonite	
TYPE OF SCREEN	**DIAMETER**	**TYPE OF WELL PACK**	**TYPE OF SEAL MATERIAL**
PVC No. 10 Slot	2-inch	No. 2 Sand	Grout w/ 5% Bentonite

METHOD OF INSTALLATION

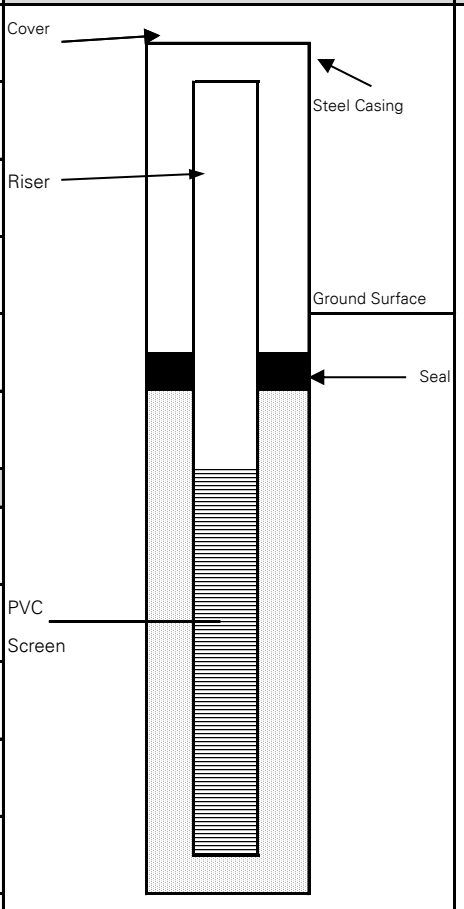
Geoprobe 6610 DT was used to advance the boring to approximately 15 feet bgs. A 2-inch PVC monitoring well was installed which consisted of 10' of 10 slot (0.010-inch) well screen, and a solid 2" PVC riser. Well screen was installed from approximately 5 to 15 feet bgs with riser from 5 feet bgs to 3 feet above grade surface. The well was finished with a 4-inch diameter stick-up steel casing. Nine feet of additional riser was added to the well when site grade was raised.

WELL DEVELOPMENT DATA

SURGE BLOCK DIAMETER	N/A	**TYPE PUMP**	Whale Pump	**DEVELOPMENT CONFIRMATION**
DRILLER OR LANGAN	Driller	**MAX PUMP RATE**	1 LPM	Well developed with whale pump; tubing was moved vertically along screened interval to remove sediment, groundwater was purged until water was visibly clear.
NUMBER OF SURGE CYCLES	N/A	**TOTAL VOLUME**	8 gallons	

TOP OF CASING **ELEVATION** 23.08	**DEPTH (ft)** -4.3	
TOP OF SEAL **ELEVATION** 14.28	**DEPTH (ft)** 4.5	
TOP OF FILTER **ELEVATION** 13.78	**DEPTH (ft)** 5	
TOP OF SCREEN **ELEVATION** 13.78	**DEPTH (ft)** 5.0	
BOTTOM OF BORING **ELEVATION** 3.78	**DEPTH (ft)** 15	
SCREEN LENGTH	10 ft	
SLOT SIZE	No. 10 Slot; 0.010 Inches	

WELL DETAILS



SUMMARY SOIL CLASSIFICATION

DEPTH (FT)

4.3 feet above surface grade

4.5

5.0

15

GROUNDWATER ELEVATIONS

ELEVATION	DATE	DEPTH TO WATER
15.99	12/27/2023	7.09 ft
10.42	1/13/2024	12.66 ft

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WELL CONSTRUCTION AND DEVELOPMENT SUMMARY
Well No. C-MW201

PROJECT			PROJECT NO.	
Willets Point Development			170197601	
LOCATION			**ELEVATION AND DATUM**	
Corona, Queens, NY			N/A	NAVD88
DRILLING AGENCY			**DATE STARTED**	**DATE FINISHED**
Lakewood Environmental Services (			7/3/2024	7/3/2024
DRILLING EQUIPMENT			**DRILLER**	
Geoprobe® 6610DT Direct Push			Adam Hutchinson	
SIZE AND TYPE OF BIT			**INSPECTOR**	
3.35-inch Steel Casing			Loagan Clements	
BOREHOLE DIAMETER			**TYPE OF WELL (OVERBURDEN / BEDROCK)**	
3.25-inch			Overburden	
RISER MATERIAL	**DIAMETER**		**TYPE OF BACKFILL MATERIAL**	
PVC	2-inch		No. 2 Sand and Bentonite	
TYPE OF SCREEN	**DIAMETER**		**TYPE OF WELL PACK**	**TYPE OF SEAL MATERIAL**
PVC No. 10 Slot	2-inch		No. 2 Sand	Bentonite

METHOD OF INSTALLATION

A Geoprobe was used to advance the boring to approximately 13.85 feet bgs. A 2-inch PVC monitoring well was installed which consisted of 10' of 10 slot (0.010-inch) prepacked well screen, and a solid 1" PVC riser. Well screen was installed from approximately 4 to 14 feet bgs with riser from 4 feet bgs to about 4 feet above ground surface. The well was finished with a 6-inch diameter stick-up steel well casing.

WELL DEVELOPMENT DATA

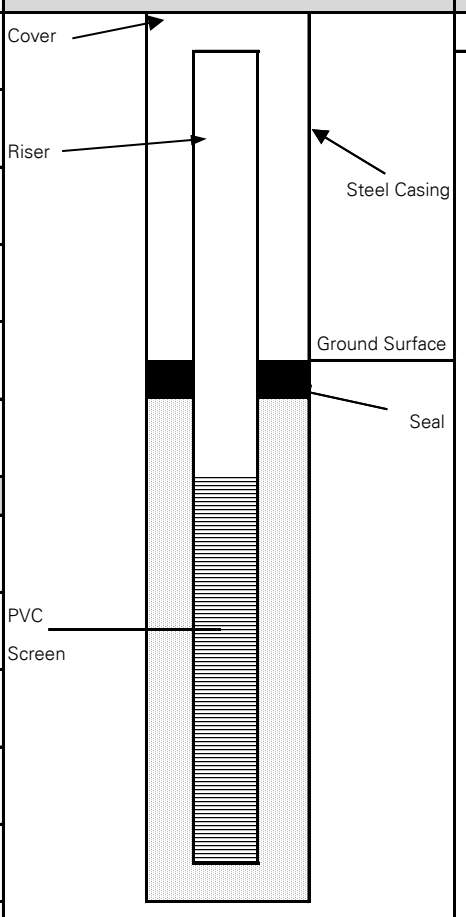
SURGE BLOCK DIAMETER	N/A	**TYPE PUMP**	Whale Pump	**DEVELOPMENT CONFIRMATION**
DRILLER OR LANGAN	Driller	**MAX PUMP RATE**	N/A	Well developed with whale pump; tubing was moved vertically along screened interval to remove sediment, groundwater was purged until water was visibly clear.
NUMBER OF SURGE CYCLES	N/A	**TOTAL VOLUME**	5 gallons	

TOP OF RISER	ELEVATION	DEPTH (ft bgs)
	N/A	-3.98
TOP OF SEAL	**ELEVATION**	**DEPTH (ft)**
	N/A	0
TOP OF FILTER	**ELEVATION**	**DEPTH (ft)**
	N/A	3.85
TOP OF SCREEN	**ELEVATION**	**DEPTH (ft)**
	N/A	3.85
BOTTOM OF BORING	**ELEVATION**	**DEPTH (ft)**
	N/A	13.85
SCREEN LENGTH		10 ft
SLOT SIZE		No. 10 Slot; 0.010 Inches

GROUNDWATER ELEVATIONS

ELEVATION	DATE	DEPTH TO WATER
N/A	7/3/2024	8.45 ft

WELL DETAILS



N/A SUMMARY SOIL CLASSIFICATION	DEPTH (FT)
	3.98 feet above surface grade
	0.0
	0.5
	3.85
	13.85

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WELL CONSTRUCTION AND DEVELOPMENT SUMMARY
Well No. C-MW205

PROJECT		PROJECT NO.	
Willets Point Development		170197601	
LOCATION		**ELEVATION AND DATUM**	
Corona, Queens, NY		N/A	NAVD88
DRILLING AGENCY		**DATE STARTED**	**DATE FINISHED**
Lakewood Environmental Services Corp.		3/7/2022	3/7/2022
DRILLING EQUIPMENT		**DRILLER**	
Geoprobe® 7822 DT		Tim Kelly	
SIZE AND TYPE OF BIT		**INSPECTOR**	
2-inch Direct Push		Luke McCartney	
BOREHOLE DIAMETER		**TYPE OF WELL (OVERBURDEN / BEDROCK)**	
2-inch Direct Push		Overburden	
RISER MATERIAL	**DIAMETER**	**TYPE OF BACKFILL MATERIAL**	
PVC	2-inch	No. 2 Sand and Bentonite	
TYPE OF SCREEN	**DIAMETER**	**TYPE OF WELL PACK**	**TYPE OF SEAL MATERIAL**
PVC No. 10 Slot	2-inch	No. 1 Sand	Bentonite

METHOD OF INSTALLATION

A Geoprobe® 7822 DT was used to advance the boring to approximately 15 feet bgs. A 2-inch PVC monitoring well was installed, which consisted of 10 feet of 10 slot (0.010-inch) well screen, and a solid PVC riser. Well screen was installed from approximately 5 to 15 feet bgs with riser to about 3 feet above grade surface. The annulus was filled with sand to 0.5 feet bgs and sealed with a grout and bentonite mix to surface grade. The well was finished with a 4-inch diameter stick-up steel well casing. Nine feet of additional riser was added to the well when site grade was raised. On April 8, 2025 Lakewood Environmental replaced damaged PVC riser and finished the well with a 4-inch diameter flush mount steel cover.

WELL DEVELOPMENT DATA

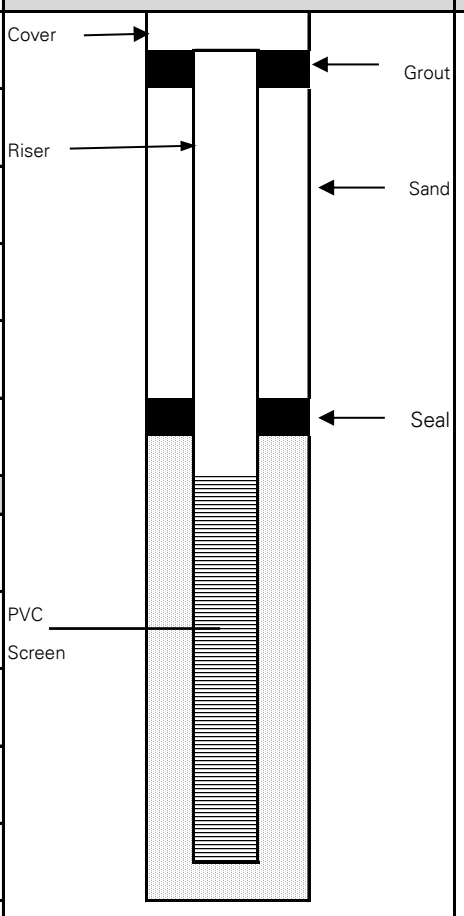
SURGE BLOCK DIAMETER	NA	**TYPE PUMP**	Peristaltic	**DEVELOPMENT CONFIRMATION**
DRILLER OR LANGAN	Driller	**MAX PUMP RATE**	1 gal/min	Well developed with peristaltic pump; tubing was moved vertically along screened interval to remove sediment, groundwater was purged until water was visibly clear.
NUMBER OF SURGE CYCLES	NA	**TOTAL VOLUME**	15 gallons	

TOP OF RISER	**ELEVATION**	**DEPTH (ft)**
	N/A	0
TOP OF SEAL	**ELEVATION**	**DEPTH (ft)**
	N/A	14.5
TOP OF FILTER	**ELEVATION**	**DEPTH (ft)**
	N/A	15
TOP OF SCREEN	**ELEVATION**	**DEPTH (ft)**
	N/A	15
BOTTOM OF BORING	**ELEVATION**	**DEPTH (ft)**
	N/A	25
SCREEN LENGTH		10 ft
SLOT SIZE		No. 10 Slot; 0.010 Inches

GROUNDWATER ELEVATIONS

ELEVATION	**DATE**	**DEPTH TO WATER**
ELEVATION	**DATE**	**DEPTH TO WATER**
ELEVATION	**DATE**	**DEPTH TO WATER**
ELEVATION	**DATE**	**DEPTH TO WATER**
ELEVATION	**DATE**	**DEPTH TO WATER**
ELEVATION	**DATE**	**DEPTH TO WATER**

WELL DETAILS



SUMMARY SOIL CLASSIFICATION	DEPTH (FT)
See boring log C-SB205 from RIR	0
	14.5
	15
	25

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WELL CONSTRUCTION AND DEVELOPMENT SUMMARY
Well No. C-MW206

PROJECT		PROJECT NO.	
Willets Point Development		170197605	
LOCATION		**ELEVATION AND DATUM**	
Corona, Queens, New York		N/A	
DRILLING AGENCY		**DATE STARTED**	**DATE FINISHED**
AARCO Environmental Services Corp.		12/23/2024	12/23/2024
DRILLING EQUIPMENT		**DRILLER**	
Geoprobe® 8140 LC Sonic Rig		Daybie Pacheco	
SIZE AND TYPE OF BIT		**INSPECTOR**	
6 3/8-inch Roller Bit		Harrison Bluestone	
BOREHOLE DIAMETER		**TYPE OF WELL (OVERBURDEN / BEDROCK)**	
6 3/8-inch		Overburden	
RISER MATERIAL	**DIAMETER**	**TYPE OF BACKFILL MATERIAL**	
PVC	2-inch	No. 2 Sand	
TYPE OF SCREEN	**DIAMETER**	**TYPE OF WELL PACK**	**TYPE OF SEAL MATERIAL**
Pre-packed Well Screen	2-inch	No. 2 Sand	Bentonite

METHOD OF INSTALLATION

A Geoprobe® 8140 LC Sonic rig was used to advance the boring to approximately 20 feet bgs. A 2-inch PVC monitoring well was installed, which consisted of 10 feet of 10 slot (0.010-inch) pre-packed well screen, and a solid PVC riser. Well screen was installed from approximately 10 to 20 feet bgs with riser to about 3 feet above grade surface. The annulus was filled with sand to 8 feet bgs and sealed with bentonite to surface grade. The well was finished with a 4-inch diameter stick up steel well casing.

WELL DEVELOPMENT DATA

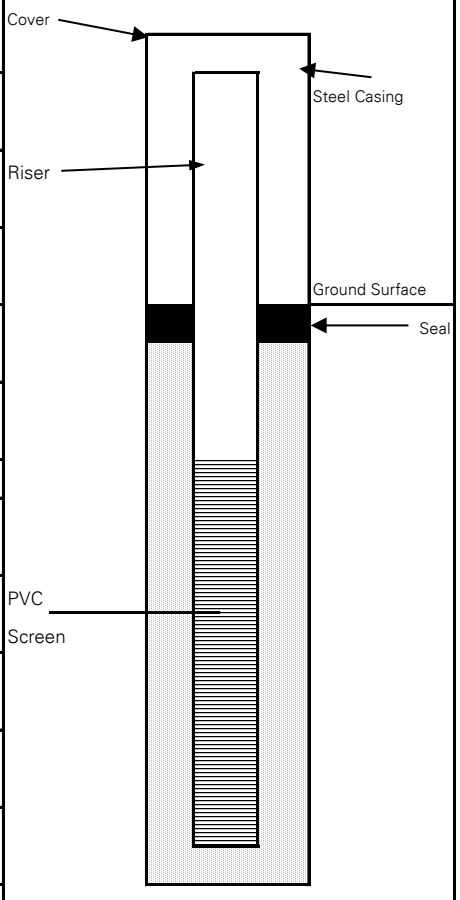
SURGE BLOCK DIAMETER	NA	**TYPE PUMP**	Peristaltic	**DEVELOPMENT CONFIRMATION**
DRILLER OR LANGAN	Langan	**MAX PUMP RATE**	1 gal/min	Well developed with peristaltic pump; tubing was moved vertically along screened interval to remove sediment, groundwater was purged until water was visibly clear.
NUMBER OF SURGE CYCLES	NA	**TOTAL VOLUME**	15 gallons	

TOP OF CASING	**ELEVATION**	**DEPTH (ft)**	
	N/A	0	
TOP OF SEAL	**ELEVATION**	**DEPTH (ft)**	
	N/A	1	
TOP OF FILTER	**ELEVATION**	**DEPTH (ft)**	
	N/A	8	
TOP OF SCREEN	**ELEVATION**	**DEPTH (ft)**	
	N/A	10	
BOTTOM OF BORING	**ELEVATION**	**DEPTH (ft)**	
	N/A	20	
SCREEN LENGTH		10 ft	
SLOT SIZE		No. 10 Slot; 0.010 Inches	

GROUNDWATER ELEVATIONS

ELEVATION	**DATE**	**DEPTH TO WATER**
ELEVATION	**DATE**	**DEPTH TO WATER**
ELEVATION	**DATE**	**DEPTH TO WATER**
ELEVATION	**DATE**	**DEPTH TO WATER**
ELEVATION	**DATE**	**DEPTH TO WATER**
ELEVATION	**DATE**	**DEPTH TO WATER**

WELL DETAILS



SUMMARY SOIL CLASSIFICATION	DEPTH (FT)
	3 feet above surface grade
	1
	8
	10
	20

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WELL CONSTRUCTION AND DEVELOPMENT SUMMARY
Well No. C-RMW01

PROJECT		PROJECT NO.	
Willets Point Development		170197605	
LOCATION		**ELEVATION AND DATUM**	
Corona, Queens, New York		N/A	
DRILLING AGENCY		**DATE STARTED**	**DATE FINISHED**
AARCO Environmental Services Corp.		12/23/2024	12/23/2024
DRILLING EQUIPMENT		**DRILLER**	
Geoprobe® 8140 LC Sonic Rig		Daybie Pacheco	
SIZE AND TYPE OF BIT		**INSPECTOR**	
6 3/8-inch Roller Bit		Harrison Bluestone	
BOREHOLE DIAMETER		**TYPE OF WELL (OVERBURDEN / BEDROCK)**	
6 3/8-inch		Overburden	
RISER MATERIAL	**DIAMETER**	**TYPE OF BACKFILL MATERIAL**	
PVC	2-inch	No. 2 Sand	
TYPE OF SCREEN	**DIAMETER**	**TYPE OF WELL PACK**	**TYPE OF SEAL MATERIAL**
Pre-Packed Well Screen	2-inch	No. 2 Sand	Bentonite

METHOD OF INSTALLATION

A Geoprobe® 8140 LC Sonic rig was used to advance the boring to approximately 20 feet bgs. A 2-inch PVC monitoring well was installed, which consisted of 10 feet of 10 slot (0.010-inch) pre-packed well screen, and a solid PVC riser. Well screen was installed from approximately 6 to 16 feet bgs with riser to about 3 feet above grade surface. The annulus was filled with sand to 4 feet bgs and sealed with bentonite to surface grade. The well was finished with a 4-inch diameter stick up steel well casing.

WELL DEVELOPMENT DATA

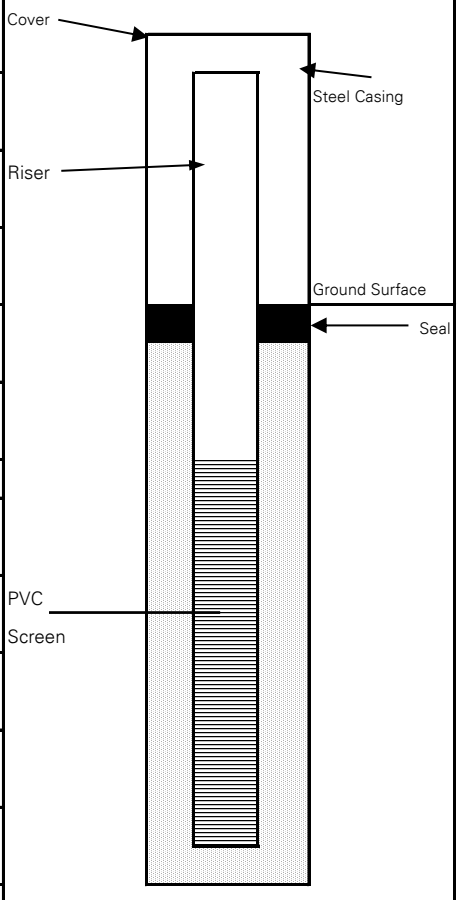
SURGE BLOCK DIAMETER	NA	**TYPE PUMP**	Peristaltic	**DEVELOPMENT CONFIRMATION**
DRILLER OR LANGAN	Langan	**MAX PUMP RATE**	1 gal/min	Well developed with peristaltic pump; tubing was moved vertically along screened interval to remove sediment, groundwater was purged until water was visibly clear.
NUMBER OF SURGE CYCLES	NA	**TOTAL VOLUME**	15 gallons	

TOP OF CASING	**ELEVATION**	**DEPTH (ft)**	
	N/A	0	
TOP OF SEAL	**ELEVATION**	**DEPTH (ft)**	
	N/A	1	
TOP OF FILTER	**ELEVATION**	**DEPTH (ft)**	
	N/A	4	
TOP OF SCREEN	**ELEVATION**	**DEPTH (ft)**	
	N/A	6	
BOTTOM OF BORING	**ELEVATION**	**DEPTH (ft)**	
	N/A	16	
SCREEN LENGTH		10 ft	
SLOT SIZE		No. 10 Slot; 0.010 Inches	

GROUNDWATER ELEVATIONS

ELEVATION	**DATE**	**DEPTH TO WATER**
ELEVATION	**DATE**	**DEPTH TO WATER**
ELEVATION	**DATE**	**DEPTH TO WATER**
ELEVATION	**DATE**	**DEPTH TO WATER**
ELEVATION	**DATE**	**DEPTH TO WATER**
ELEVATION	**DATE**	**DEPTH TO WATER**

WELL DETAILS



SUMMARY SOIL CLASSIFICATION	DEPTH (FT)
	3 feet above surface grade
	1
	4
	5
	15

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WELL CONSTRUCTION AND DEVELOPMENT SUMMARY
Well No. E-RW105

PROJECT		PROJECT NO.	
Willets Point Development		170797605	
LOCATION		**ELEVATION AND DATUM**	
126th Street/ Willets Point Boulevard		el. N/A	NAVD88
DRILLING AGENCY		**DATE STARTED**	**DATE FINISHED**
Lakewood Environmental Services Corp.		12/20/2023	12/20/2023
DRILLING EQUIPMENT		**DRILLER**	
Geoprobe® 6610 DT		Adam Hutchinson	
SIZE AND TYPE OF BIT		**INSPECTOR**	
2-inch Direct Push		Harrison Bluestone	
BOREHOLE DIAMETER		**TYPE OF WELL (OVERBURDEN / BEDROCK)**	
2-inch		Overburden	
RISER MATERIAL	**DIAMETER**	**TYPE OF BACKFILL MATERIAL**	
PVC	2-inch	No.2 Sand	
TYPE OF SCREEN	**DIAMETER**	**TYPE OF WELL PACK**	**TYPE OF SEAL MATERIAL**
PVC No. 10 Slot	2-inch	No. 2 Sand	Grout w/ 5% Bentonite

METHOD OF INSTALLATION

Geoprobe 6610 DT was used to advance the boring to approximately 12 feet bgs. A two-inch PVC monitoring well was installed which consisted of 10' of 10 slot (0.010-inch) well screen, and a solid 2" PVC riser. Well screen was installed from approximately 2 to 12 feet bgs with riser from 2 feet bgs to 3 feet above grade surface. The well was finished with a 4-inch diameter stick-up steel casing.

WELL DEVELOPMENT DATA

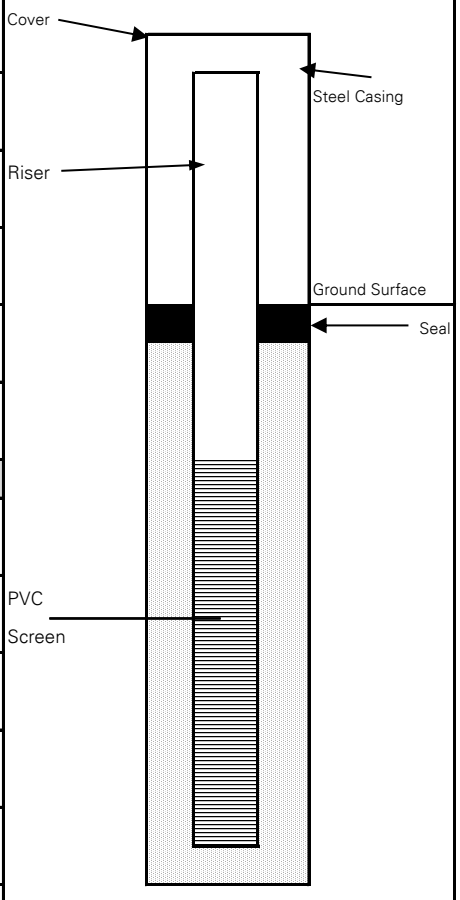
SURGE BLOCK DIAMETER	N/A	**TYPE PUMP**	Whale Pump	**DEVELOPMENT CONFIRMATION**
DRILLER OR LANGAN	Driller	**MAX PUMP RATE**	1 LPM	Well developed with whale pump; tubing was moved vertically along screened interval to remove sediment, groundwater was purged until water was visibly clear.
NUMBER OF SURGE CYCLES	N/A	**TOTAL VOLUME**	5 gallons	

	ELEVATION	DEPTH (ft)
TOP OF CASING	3 feet above surface grade	0
TOP OF SEAL	N/A	0.5
TOP OF FILTER	N/A	1
TOP OF SCREEN	N/A	2
BOTTOM OF BORING	N/A	12
SCREEN LENGTH		10 ft
SLOT SIZE		No. 10 Slot; 0.010 Inches

GROUNDWATER ELEVATIONS

ELEVATION	DATE	DEPTH TO WATER
N/A	12/27/2023	7.47 ft

WELL DETAILS



SUMMARY SOIL CLASSIFICATION	DEPTH (FT)
	3.0 Above grade surface
	0.5
	1.0
	12

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WELL CONSTRUCTION AND DEVELOPMENT SUMMARY
Well No. E-RW202

PROJECT		PROJECT NO.	
Willets Point Development		170197605	
LOCATION		**ELEVATION AND DATUM**	
126th Street/ Willets Point Boulevard		el. N/A	NAVD88
DRILLING AGENCY		**DATE STARTED**	**DATE FINISHED**
Lakewood Environmental Services Corp.		3/29/2024	3/29/2024
DRILLING EQUIPMENT		**DRILLER**	
Geoprobe® 6610 DT		Tim Kelly	
SIZE AND TYPE OF BIT		**INSPECTOR**	
2-inch Direct Push		Harrison Bluestone	
BOREHOLE DIAMETER		**TYPE OF WELL (OVERBURDEN / BEDROCK)**	
2-inch		Overburden	
RISER MATERIAL	**DIAMETER**	**TYPE OF BACKFILL MATERIAL**	
PVC	2-inch	No. 2 Sand	
TYPE OF SCREEN	**DIAMETER**	**TYPE OF WELL PACK**	**TYPE OF SEAL MATERIAL**
PVC No. 10 Slot	2-inch	No. 2 Sand	Grout w/ 5% Bentonite

METHOD OF INSTALLATION

Geoprobe 6610 DT was used to advance the boring to approximately 12 feet bgs. A two-inch PVC monitoring well was installed which consisted of 10' of 10 slot (0.010-inch) well screen, and a solid 2" PVC riser. Well screen was installed from approximately 2 to 12 feet bgs with riser from 2 feet bgs to 3 feet above grade surface. The well was finished with a 4-inch diameter stick-up steel casing.

WELL DEVELOPMENT DATA

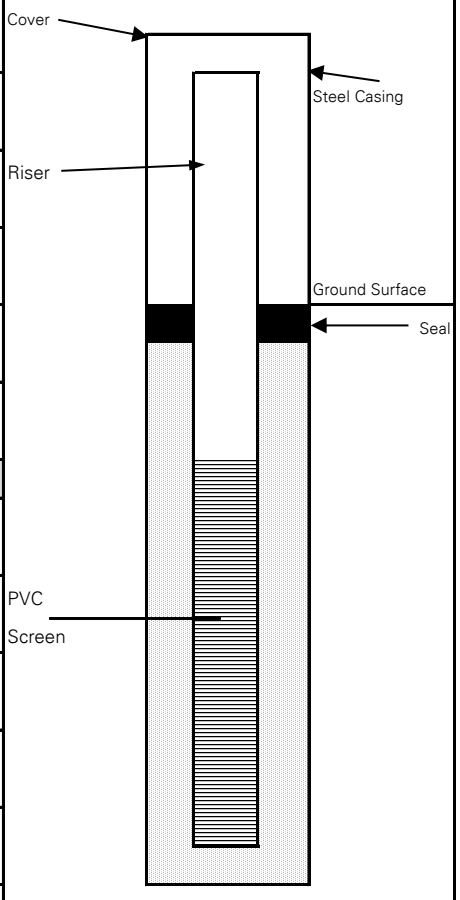
SURGE BLOCK DIAMETER	N/A	**TYPE PUMP**	Whale Pump	**DEVELOPMENT CONFIRMATION**
DRILLER OR LANGAN	Driller	**MAX PUMP RATE**	1 LPM	Well developed with whale pump; tubing was moved vertically along screened interval to remove sediment, groundwater was purged until water was visibly clear.
NUMBER OF SURGE CYCLES	N/A	**TOTAL VOLUME**	6 gallons	

TOP OF CASING **ELEVATION**	3 feet above surface grade	**DEPTH (ft)** 0
TOP OF SEAL **ELEVATION**	N/A	**DEPTH (ft)** 0.5
TOP OF FILTER **ELEVATION**	N/A	**DEPTH (ft)** 1
TOP OF SCREEN **ELEVATION**	N/A	**DEPTH (ft)** 2.0
BOTTOM OF BORING **ELEVATION**	N/A	**DEPTH (ft)** 12
SCREEN LENGTH	10 ft	
SLOT SIZE	No. 20 Slot; 0.020 Inches	

GROUNDWATER ELEVATIONS

ELEVATION	**DATE**	**DEPTH TO WATER**
ELEVATION	**DATE**	**DEPTH TO WATER**
ELEVATION	**DATE**	**DEPTH TO WATER**
ELEVATION	**DATE**	**DEPTH TO WATER**
ELEVATION	**DATE**	**DEPTH TO WATER**
ELEVATION	**DATE**	**DEPTH TO WATER**

WELL DETAILS



SUMMARY SOIL CLASSIFICATION	DEPTH (FT)
	3.0 Above grade surface
	0.5
	1.0
	12

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368 Ninth Avenue, 8th Floor, New York, NY 10001

WELL CONSTRUCTION AND DEVELOPMENT SUMMARY

Well No. J-MW117

PROJECT		PROJECT NO.	
Willets Point Development L-Parcel		170197605	
LOCATION		**ELEVATION AND DATUM**	
Flushing, New York		el. 11.98	NAVD88
DRILLING AGENCY		**DATE STARTED**	**DATE FINISHED**
Lakewood Environmental Services Corp		6/9/2023	6/9/2023
DRILLING EQUIPMENT		**DRILLER**	
Geoprobe® 6610 DT		Adam Hutchinson	
SIZE AND TYPE OF BIT		**INSPECTOR**	
2-inch Direct Push		Mat Frankel	
BOREHOLE DIAMETER		**TYPE OF WELL (OVERBURDEN / BEDROCK)**	
2.25-inch		Overburden	
RISER MATERIAL	**DIAMETER**	**TYPE OF BACKFILL MATERIAL**	
PVC	2-inch	No. 2 Sand	
TYPE OF SCREEN	**DIAMETER**	**TYPE OF WELL PACK**	**TYPE OF SEAL MATERIAL**
PVC No. 10 Slot	2-inch	No. 2 Sand	Bentonite

METHOD OF INSTALLATION

Geoprobe 6610 DT was used to advance the boring to approximately 12 feet bgs. A two-inch PVC monitoring well was installed, constructed of 10-feet of 10 slot (0.010-inch) well screen with a solid 2-inch PVC riser. The well screen was installed from about 2 to 12-feet below ground surface (bgs) with a solid riser from 2-feet bgs to about 3-feet above grade. The borehole annulus was backilled with No. 1 sand to about 1-foot bgs with 6-inches of bentonite and sealed to grade with grout. The well was finished above grade, capped with a 2-inch well plug, inside a 4-inch diameter steel stick-up well casing.

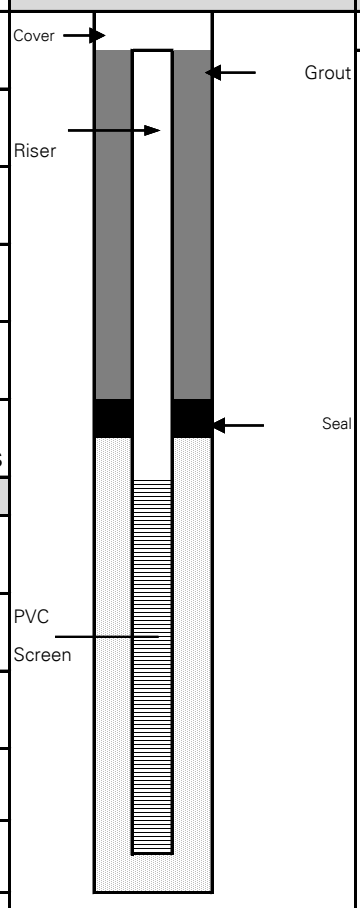
WELL DEVELOPMENT DATA

SURGE BLOCK DIAMETER	N/A	**TYPE PUMP**	Whale Pump	**DEVELOPMENT CONFIRMATION**
DRILLER OR LANGAN	Driller	**MAX PUMP RATE**	1 GPM	Well developed from 10:30-10:40 AM; driller had limited storage volume for purge water.
NUMBER OF SURGE CYCLES	N/A	**TOTAL VOLUME**	10 gallons	

TOP OF CASING	ELEVATION	DEPTH (ft)
	11.98	-3
TOP OF SEAL	**ELEVATION**	**DEPTH (ft)**
	11.98	0.0
TOP OF FILTER	**ELEVATION**	**DEPTH (ft)**
	10.98	1.0
TOP OF SCREEN	**ELEVATION**	**DEPTH (ft)**
	9.98	2.0
BOTTOM OF BORING	**ELEVATION**	**DEPTH (ft)**
	-0.02	12.0
SCREEN LENGTH		
	1.98	10.0
SLOT SIZE		
	No. 10 Slot; 0.010 Inches	

GROUNDWATER ELEVATIONS

ELEVATION	DATE	DEPTH TO WATER
N/A		N/A
N/A		
N/A		
N/A		
N/A		
N/A		



SUMMARY SOIL CLASSIFICATION	DEPTH (FT)
	-3
	0
	1
	2
	12

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WELL CONSTRUCTION AND DEVELOPMENT SUMMARY

Well No. J-MW118

PROJECT		PROJECT NO.	
Willets Point Development L-Parcel		170197605	
LOCATION		**ELEVATION AND DATUM**	
Flushing, New York		el. 13.10	NAVD88
DRILLING AGENCY		**DATE STARTED**	**DATE FINISHED**
Eastern Environmental Solutions, Inc.		5/23/2025	5/27/2025
DRILLING EQUIPMENT		**DRILLER**	
Sonic Rig		Tyler Bieler	
SIZE AND TYPE OF BIT		**INSPECTOR**	
3 7/8-inch Roller Bit		Loagan Clements	
BOREHOLE DIAMETER		**TYPE OF WELL (OVERBURDEN / BEDROCK)**	
4 inches		Overburden	
RISER MATERIAL	**DIAMETER**	**TYPE OF BACKFILL MATERIAL**	
PVC	2 inches	No. 2 Sand	
TYPE OF SCREEN	**DIAMETER**	**TYPE OF WELL PACK**	**TYPE OF SEAL MATERIAL**
Prepacked Well Screen	2.5 inches	No. 2 Sand	Bentonite

METHOD OF INSTALLATION

A track-mounted, Geoprobe 8140LS, Sonic drill rig was used to advance the boring to approximately 11 feet below grade surface (bgs). A permanent monitoring well was installed which consisted of 2-inch-diameter, threaded, flush-joint, polyvinyl chloride (PVC) casing, 10-foot-long, No. 10 slot (0.01 inches) well screen, and a solid 2" PVC riser. The well screen was installed from approximately 1 to 11 feet bgs with riser from 1 feet bgs to grade surface. Clean No. 2 sand was used to fill the annulus around the screen up to about 1 ft bgs (the top of the screened interval). A 3-incht-thick bentonite seal was installed above the sand to about 0.75 feet bgs. The monitoring well was finished at the surface with a flush-mounted, H-20 load-rated access cover set in a 3-foot-by-3-foot-by-1-foot concrete pad.

WELL DEVELOPMENT DATA

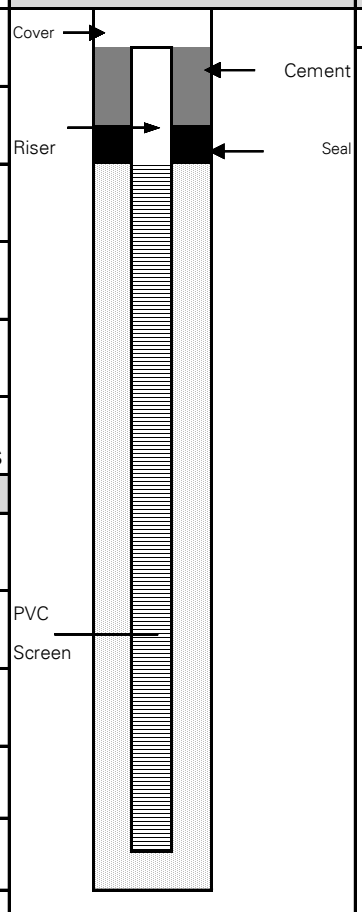
SURGE BLOCK DIAMETER	2 inches	**TYPE PUMP**	Whale Pump	**DEVELOPMENT CONFIRMATION**
DRILLER OR LANGAN	Driller	**MAX PUMP RATE**	2 gal/min	Whale pump passed scross the screend interval until purge water clear on 5/23/2025
NUMBER OF SURGE CYCLES	-	**TOTAL VOLUME**	20 gallons	

TOP OF CASING	ELEVATION	DEPTH (ft)
	13.1	0.0
TOP OF SEAL	**ELEVATION**	**DEPTH (ft)**
	13.1	0.75
TOP OF FILTER	**ELEVATION**	**DEPTH (ft)**
	12.1	1.0
TOP OF SCREEN	**ELEVATION**	**DEPTH (ft)**
		1.0
BOTTOM OF BORING	**ELEVATION**	**DEPTH (ft)**
	2.1	11.0
SCREEN LENGTH		
	3.1	10.0
SLOT SIZE		
		No. 10 Slot; 0.010 Inches

GROUNDWATER ELEVATIONS

ELEVATION	**DATE**	**DEPTH TO WATER**
ELEVATION	**DATE**	**DEPTH TO WATER**
ELEVATION	**DATE**	**DEPTH TO WATER**
ELEVATION	**DATE**	**DEPTH TO WATER**
ELEVATION	**DATE**	**DEPTH TO WATER**
ELEVATION	**DATE**	**DEPTH TO WATER**

WELL DETAILS



SUMMARY SOIL CLASSIFICATION	DEPTH (FT)
	0
	0.75
	1
	11

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368 Ninth Avenue, 8th Floor, New York

WELL CONSTRUCTION AND DEVELOPMENT SUMMARY

Well No. J-MW201

PROJECT		PROJECT NO.	
Willets Point Development L-Parcel		170197605	
LOCATION		**ELEVATION AND DATUM**	
Flushing, New York		el. 11.33	NAVD88
DRILLING AGENCY		**DATE STARTED**	**DATE FINISHED**
Eastern Environmental Solutions, Inc.		5/22/2025	5/28/2025
DRILLING EQUIPMENT		**DRILLER**	
Sonic Rig		Tyler Bieler	
SIZE AND TYPE OF BIT		**INSPECTOR**	
3 7/8-inch Roller Bit		Loagan Clements	
BOREHOLE DIAMETER		**TYPE OF WELL (OVERBURDEN / BEDROCK)**	
4 inches		Overburden	
RISER MATERIAL	**DIAMETER**	**TYPE OF BACKFILL MATERIAL**	
PVC	2 inches	No. 2 Sand	
TYPE OF SCREEN	**DIAMETER**	**TYPE OF WELL PACK**	**TYPE OF SEAL MATERIAL**
Prepacked Well Screen	2.5 inches	No. 2 Sand	Bentonite

METHOD OF INSTALLATION

A track-mounted, Geoprobe 8140LS, Sonic drill rig was used to advance the boring to approximately 15 feet below grade surface (bgs). A permanent monitoring well was installed which consisted of 2-inch-diameter, threaded, flush-joint, polyvinyl chloride (PVC) casing, 10-foot-long, pre-packed well screen, and a solid 2" PVC riser. The well screen was installed from approximately 5 to 15 feet bgs with riser from 5 feet bgs to grade surface. Clean No. 2 sand was used to fill the annulus around the screen up to about 3 ft bgs (2 feet above the top of the screened interval). A 2-foot-thick bentonite seal was installed above the sand to about 1 foot bgs. The monitoring well was finished at the surface with a flush-mounted, H-20 load-rated access cover set in a 3-foot-by-3-foot-by-1-foot concrete pad.

WELL DEVELOPMENT DATA

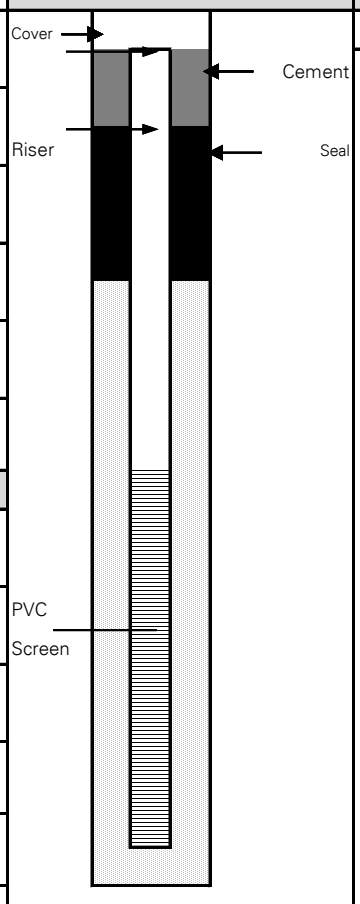
SURGE BLOCK DIAMETER	2 inches	**TYPE PUMP**	Whale Pump	**DEVELOPMENT CONFIRMATION**
DRILLER OR LANGAN	Driller	**MAX PUMP RATE**	2 gal/min	Whale pump passed scross the screend interval until purge water clear on 5/23/2025
NUMBER OF SURGE CYCLES	-	**TOTAL VOLUME**	22 gallons	

TOP OF CASING	**ELEVATION**	**DEPTH (ft)**
	11.33	0.0
TOP OF SEAL	**ELEVATION**	**DEPTH (ft)**
	10.33	1.0
TOP OF FILTER	**ELEVATION**	**DEPTH (ft)**
	8.33	3.0
TOP OF SCREEN	**ELEVATION**	**DEPTH (ft)**
	6.33	5.0
BOTTOM OF BORING	**ELEVATION**	**DEPTH (ft)**
	-3.67	15.0
SCREEN LENGTH		
	1.33	10.0
SLOT SIZE		
	No. 10 Slot; 0.010 Inches	

GROUNDWATER ELEVATIONS

ELEVATION	DATE	DEPTH TO WATER

WELL DETAILS



SUMMARY SOIL CLASSIFICATION	DEPTH (FT)
	0
	1
	3
	5
	15

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WELL CONSTRUCTION AND DEVELOPMENT SUMMARY

Well No. J-MW202

PROJECT		PROJECT NO.	
Willets Point Development L-Parcel		170197605	
LOCATION		**ELEVATION AND DATUM**	
Flushing, New York		el. 12.93	NAVD88
DRILLING AGENCY		**DATE STARTED**	**DATE FINISHED**
Eastern Environmental Solutions, Inc.		5/21/2025	5/28/2025
DRILLING EQUIPMENT		**DRILLER**	
Sonic Rig		Tyler Bieler	
SIZE AND TYPE OF BIT		**INSPECTOR**	
3 7/8-inch Roller Bit		Loagan Clements	
BOREHOLE DIAMETER		**TYPE OF WELL (OVERBURDEN / BEDROCK)**	
4 inches		Overburden	
RISER MATERIAL	**DIAMETER**	**TYPE OF BACKFILL MATERIAL**	
PVC	2 inches	No. 2 Sand	
TYPE OF SCREEN	**DIAMETER**	**TYPE OF WELL PACK**	**TYPE OF SEAL MATERIAL**
Prepacked Well Screen	2.5 inches	No. 2 Sand	Bentonite

METHOD OF INSTALLATION

A track-mounted, Geoprobe 8140LS, Sonic drill rig was used to advance the boring to approximately 15 feet below grade surface (bgs). A permanent monitoring well was installed which consisted of 2-inch-diameter, threaded, flush-joint, polyvinyl chloride (PVC) casing, 10-foot-long, pre-packed well screen, and a solid 2" PVC riser. The well screen was installed from approximately 4 to 14 feet bgs with riser from 4 feet bgs to grade surface. Clean No. 2 sand was used to fill the annulus around the screen up to about 2 ft bgs (2 feet above the top of the screened interval). A 1-foot-thick bentonite seal was installed above the sand to about 1 foot bgs. The monitoring well was finished at the surface with a flush-mounted, H-20 load-rated access cover set in a 3-foot-by-3-foot-by-1-foot concrete pad.

WELL DEVELOPMENT DATA

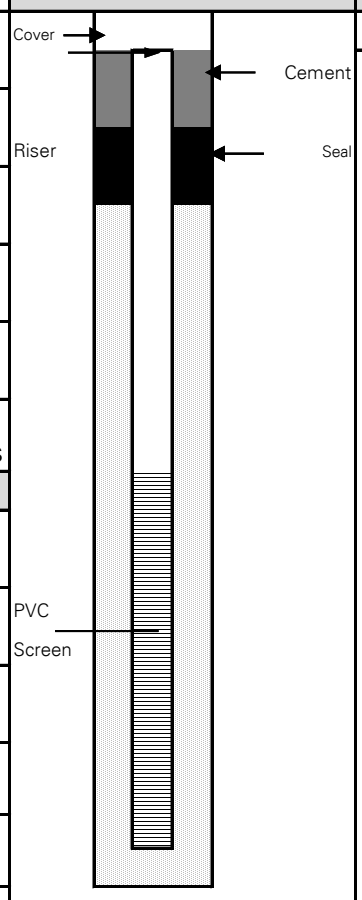
SURGE BLOCK DIAMETER	2 inches	**TYPE PUMP**	Whale Pump	**DEVELOPMENT CONFIRMATION**
DRILLER OR LANGAN	Driller	**MAX PUMP RATE**	2 gal/min	Whale pump passed scross the screend interval until purge water clear on 5/21/2025
NUMBER OF SURGE CYCLES	-	**TOTAL VOLUME**	20 gallons	

TOP OF CASING	ELEVATION	DEPTH (ft)
	12.93	0.0
TOP OF SEAL	**ELEVATION**	**DEPTH (ft)**
	11.93	1
TOP OF FILTER	**ELEVATION**	**DEPTH (ft)**
	10.93	2.0
TOP OF SCREEN	**ELEVATION**	**DEPTH (ft)**
	8.93	4.0
BOTTOM OF BORING	**ELEVATION**	**DEPTH (ft)**
	-1.07	14.0
SCREEN LENGTH		
	2.93	10.0
SLOT SIZE		
	No. 10 Slot; 0.010 Inches	

GROUNDWATER ELEVATIONS

ELEVATION	DATE	DEPTH TO WATER
ELEVATION	**DATE**	**DEPTH TO WATER**
ELEVATION	**DATE**	**DEPTH TO WATER**
ELEVATION	**DATE**	**DEPTH TO WATER**
ELEVATION	**DATE**	**DEPTH TO WATER**
ELEVATION	**DATE**	**DEPTH TO WATER**

WELL DETAILS



SUMMARY SOIL CLASSIFICATION	DEPTH (FT)
	0
	1
	2
	4
	14

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WELL CONSTRUCTION AND DEVELOPMENT SUMMARY

Well No. J-MW203

PROJECT		PROJECT NO.	
Willets Point Development L-Parcel		170197605	
LOCATION		**ELEVATION AND DATUM**	
Flushing, New York		el. 12.88	NAVD88
DRILLING AGENCY		**DATE STARTED**	**DATE FINISHED**
Eastern Environmental Solutions, Inc.		5/22/2025	5/23/2025
DRILLING EQUIPMENT		**DRILLER**	
Sonic Rig		Tyler Bieler	
SIZE AND TYPE OF BIT		**INSPECTOR**	
3 7/8-inch Roller Bit		Loagan Clements	
BOREHOLE DIAMETER		**TYPE OF WELL (OVERBURDEN / BEDROCK)**	
4 inches		Overburden	
RISER MATERIAL	**DIAMETER**	**TYPE OF BACKFILL MATERIAL**	
PVC	2 inches	No. 2 Sand	
TYPE OF SCREEN	**DIAMETER**	**TYPE OF WELL PACK**	**TYPE OF SEAL MATERIAL**
Prepacked Well Screen	2.5 inches	No. 2 Sand	Bentonite

METHOD OF INSTALLATION

A track-mounted, Geoprobe 8140LS, Sonic drill rig was used to advance the boring to approximately 15 feet below grade surface (bgs). A permanent monitoring well was installed which consisted of 2-inch-diameter, threaded, flush-joint, polyvinyl chloride (PVC) casing, 10-foot-long, pre-packed well screen, and a solid 2" PVC riser. The well screen was installed from approximately 5 to 15 feet bgs with riser from 5 feet bgs to grade surface. Clean No. 2 sand was used to fill the annulus around the screen up to about 3 ft bgs (2 feet above the top of the screened interval). A 2-foot-thick bentonite seal was installed above the sand to about 1 foot bgs. The monitoring well was finished at the surface with a flush-mounted, H-20 load-rated access cover set in a 3-foot-by-3-foot-by-1-foot concrete pad.

WELL DEVELOPMENT DATA

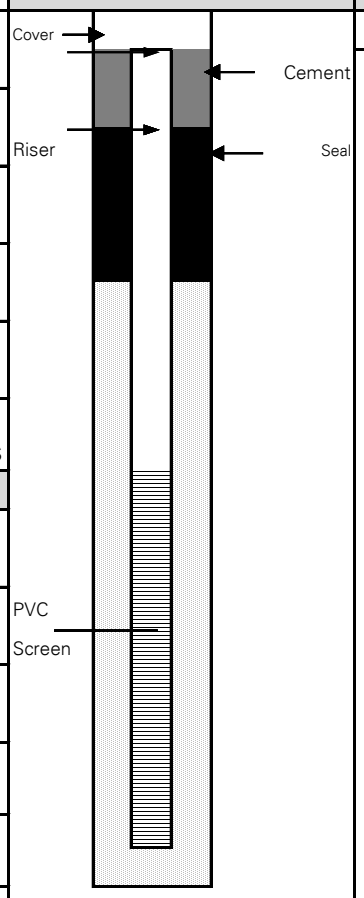
SURGE BLOCK DIAMETER	2 inches	**TYPE PUMP**	Whale Pump	**DEVELOPMENT CONFIRMATION**
DRILLER OR LANGAN	Driller	**MAX PUMP RATE**	2 gal/min	Whale pump passed scross the screend interval until purge water clear on 5/22/2025
NUMBER OF SURGE CYCLES	-	**TOTAL VOLUME**	22 gallons	

TOP OF CASING	ELEVATION	DEPTH (ft)
	12.88	0.0
TOP OF SEAL	**ELEVATION**	**DEPTH (ft)**
	11.88	1.0
TOP OF FILTER	**ELEVATION**	**DEPTH (ft)**
	9.88	3.0
TOP OF SCREEN	**ELEVATION**	**DEPTH (ft)**
	7.88	5.0
BOTTOM OF BORING	**ELEVATION**	**DEPTH (ft)**
	-2.12	15.0
SCREEN LENGTH		
	2.88	10.0
SLOT SIZE		
	No. 10 Slot; 0.010 Inches	

GROUNDWATER ELEVATIONS

ELEVATION	DATE	DEPTH TO WATER
ELEVATION	**DATE**	**DEPTH TO WATER**
ELEVATION	**DATE**	**DEPTH TO WATER**
ELEVATION	**DATE**	**DEPTH TO WATER**
ELEVATION	**DATE**	**DEPTH TO WATER**
ELEVATION	**DATE**	**DEPTH TO WATER**

WELL DETAILS



SUMMARY SOIL CLASSIFICATION	DEPTH (FT)
	0
	1
	3
	5
	15

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WELL CONSTRUCTION AND DEVELOPMENT SUMMARY

Well No. J-MW204

PROJECT		PROJECT NO.	
Willets Point Development L-Parcel		170197605	
LOCATION		**ELEVATION AND DATUM**	
Flushing, New York		el. 13.25	NAVD88
DRILLING AGENCY		**DATE STARTED**	**DATE FINISHED**
Eastern Environmental Solutions, Inc.		5/23/2025	5/23/2025
DRILLING EQUIPMENT		**DRILLER**	
Sonic Rig		Tyler Bieler	
SIZE AND TYPE OF BIT		**INSPECTOR**	
3 7/8-inch Roller Bit		Loagan Clements	
BOREHOLE DIAMETER		**TYPE OF WELL (OVERBURDEN / BEDROCK)**	
4 inches		Overburden	
RISER MATERIAL	**DIAMETER**	**TYPE OF BACKFILL MATERIAL**	
PVC	2 inches	No. 2 Sand	
TYPE OF SCREEN	**DIAMETER**	**TYPE OF WELL PACK**	**TYPE OF SEAL MATERIAL**
Prepacked Well Screen	2.5 inches	No. 2 Sand	Bentonite

METHOD OF INSTALLATION

A track-mounted, Geoprobe 8140LS, Sonic drill rig was used to advance the boring to approximately 15 feet below grade surface (bgs). A permanent monitoring well was installed which consisted of 2-inch-diameter, threaded, flush-joint, polyvinyl chloride (PVC) casing, 10-foot-long, pre-packed well screen, and a solid 2" PVC riser. The well screen was installed from approximately 5 to 15 feet bgs with riser from 5 feet bgs to grade surface. Clean No. 2 sand was used to fill the annulus around the screen up to about 3 ft bgs (2 feet above the top of the screened interval). A 2-foot-thick bentonite seal was installed above the sand to about 1 foot bgs. The monitoring well was finished at the surface with a flush-mounted, H-20 load-rated access cover set in a 3-foot-by-3-foot-by-1-foot concrete pad.

WELL DEVELOPMENT DATA

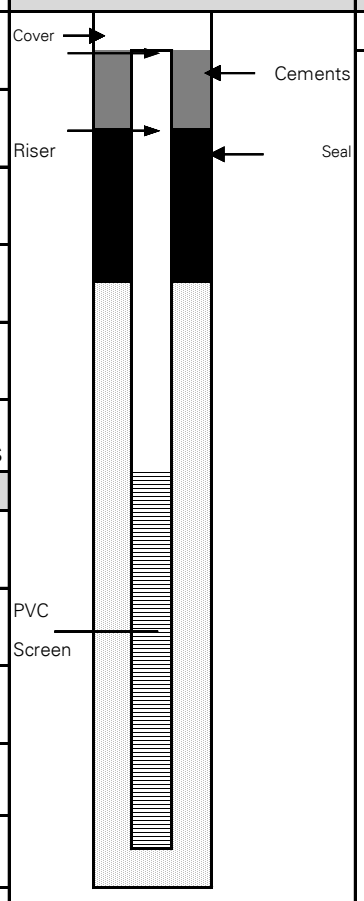
SURGE BLOCK DIAMETER	2 inches	**TYPE PUMP**	Whale Pump	**DEVELOPMENT CONFIRMATION**
DRILLER OR LANGAN	Driller	**MAX PUMP RATE**	2 gal/min	Whale pump passed scross the screend interval until purge water clear on 5/22/2025
NUMBER OF SURGE CYCLES	-	**TOTAL VOLUME**	15 gallons	

TOP OF CASING	ELEVATION	DEPTH (ft)
	13.25	0.0
TOP OF SEAL	**ELEVATION**	**DEPTH (ft)**
	12.25	1.0
TOP OF FILTER	**ELEVATION**	**DEPTH (ft)**
	10.25	3.0
TOP OF SCREEN	**ELEVATION**	**DEPTH (ft)**
	8.25	5.0
BOTTOM OF BORING	**ELEVATION**	**DEPTH (ft)**
	-1.75	15.0
SCREEN LENGTH		
	3.25	10.0
SLOT SIZE		
	No. 10 Slot; 0.010 Inches	

GROUNDWATER ELEVATIONS

ELEVATION	DATE	DEPTH TO WATER

WELL DETAILS



SUMMARY SOIL CLASSIFICATION	DEPTH (FT)
	0
	1
	3
	5
	15

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WELL CONSTRUCTION AND DEVELOPMENT SUMMARY

Well No. J-MW205

PROJECT		PROJECT NO.	
Willets Point Development L-Parcel		170197605	
LOCATION		**ELEVATION AND DATUM**	
Flushing, New York		el. 12.15	NAVD88
DRILLING AGENCY		**DATE STARTED**	**DATE FINISHED**
Eastern Environmental Solutions, Inc.		5/23/2025	5/28/2025
DRILLING EQUIPMENT		**DRILLER**	
Sonic Rig		Tyler Bieler	
SIZE AND TYPE OF BIT		**INSPECTOR**	
3 7/8-inch Roller Bit		Loagan Clements	
BOREHOLE DIAMETER		**TYPE OF WELL (OVERBURDEN / BEDROCK)**	
4 inches		Overburden	
RISER MATERIAL	**DIAMETER**	**TYPE OF BACKFILL MATERIAL**	
PVC	2 inches	No. 2 Sand	
TYPE OF SCREEN	**DIAMETER**	**TYPE OF WELL PACK**	**TYPE OF SEAL MATERIAL**
Prepacked Well Screen	2.5 inches	No. 2 Sand	Bentonite

METHOD OF INSTALLATION

A track-mounted, Geoprobe 8140LS, Sonic drill rig was used to advance the boring to approximately 15 feet below grade surface (bgs). A permanent monitoring well was installed which consisted of 2-inch-diameter, threaded, flush-joint, polyvinyl chloride (PVC) casing, 10-foot-long, pre-packed well screen, and a solid 2" PVC riser. The well screen was installed from approximately 5 to 15 feet bgs with riser from 5 feet bgs to grade surface. Clean No. 2 sand was used to fill the annulus around the screen up to about 3 ft bgs (2 feet above the top of the screened interval). A 2-foot-thick bentonite seal was installed above the sand to about 1 foot bgs. The monitoring well was finished at the surface with a flush-mounted, H-20 load-rated access cover set in a 3-foot-by-3-foot-by-1-foot concrete pad.

WELL DEVELOPMENT DATA

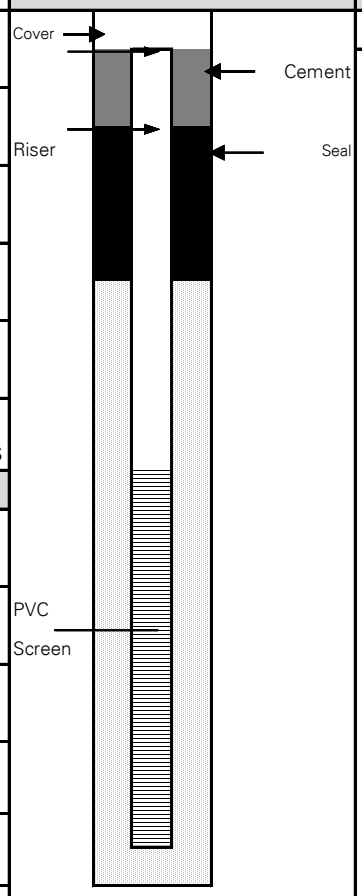
SURGE BLOCK DIAMETER	2 inches	**TYPE PUMP**	Whale Pump	**DEVELOPMENT CONFIRMATION**
DRILLER OR LANGAN	Driller	**MAX PUMP RATE**	2 gal/min	Whale pump passed scross the screend interval until purge water clear on 5/23/2025
NUMBER OF SURGE CYCLES	-	**TOTAL VOLUME**	18 gallons	

TOP OF CASING	ELEVATION	DEPTH (ft)
	12.15	0.0
TOP OF SEAL	**ELEVATION**	**DEPTH (ft)**
	11.15	1.0
TOP OF FILTER	**ELEVATION**	**DEPTH (ft)**
	9.15	3.0
TOP OF SCREEN	**ELEVATION**	**DEPTH (ft)**
		5.0
BOTTOM OF BORING	**ELEVATION**	**DEPTH (ft)**
	-2.85	15.0
SCREEN LENGTH		
	2.15	10.0
SLOT SIZE		
		No. 10 Slot; 0.010 Inches

GROUNDWATER ELEVATIONS

ELEVATION	DATE	DEPTH TO WATER
ELEVATION	**DATE**	**DEPTH TO WATER**
ELEVATION	**DATE**	**DEPTH TO WATER**
ELEVATION	**DATE**	**DEPTH TO WATER**
ELEVATION	**DATE**	**DEPTH TO WATER**
ELEVATION	**DATE**	**DEPTH TO WATER**

WELL DETAILS



SUMMARY SOIL CLASSIFICATION	DEPTH (FT)
	0
	1
	3
	5
	15

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ATTACHMENT B
GROUNDWATER SAMPLING LOGS

Project Information		Well Information		Equipment Information		Sampling Conditions		Sampling Information	
Project Name:	Willets Point Development	**Well No:**	B-MW201R	**Water Quality Device Model:**	Horiba U-52	**Weather:**	Sunny, 62°	**Sample(s):**	B-MW201R_102125
Project Number:	170197605	**Well Depth:**	14.24	**Pine Number:**	44034	**Background PID (ppm):**	0.0		
Site Location:	Queens, New York	**Well Diameter:**	2-inch	**Pump Make and Model:**	Peristaltic	**PID Beneath Inner Cap (ppm):**	0.0		
Sampling Personnel:	Alexandra Fitzgerald	**Well Screen Interval:**	0.80 10.80	**Pine Number:**	029631	**Pump Intake Depth:**	12.00	**Sample Date:**	10/21/2025
				Tubing Diameter:	0.17" x 0.25"	**Depth to Water Before Purge:**	2.88	**Sample Time:**	12:20

STABILIZATION = 3 successive readings within limits

MILLITARY TIME	TEMP °Celsius (+/- 3%)	PH (+/- 0.1)	ORP mV (+/- 10mV)	CONDUCTIVITY mS/cm (+/- 3%)	TURBIDITY NTU (+/- 10% when above 5 NTU)	DO mg/L (+/- 10% when above 0.5 mg/L)	DTW ft Drawdown < 0.33 ft	Flow Rate (L/min) (<0.5 L/min)	Cumulative Discharge Volume (Liters)	NOTES color, odor etc.	Stabilized?
BEGIN PURGING											
11:45	17.81	8.56	-153	2.330	7	1.83	2.91		4.50		**N/A**
11:50	17.29	8.22	-195	2.050	0	0.00	2.99	0.20	5.50		**N/A**
11:55	17.06	8.36	-212	1.830	0	0.00	3.04	0.20	6.50		**N**
12:00	17.03	8.42	-222	1.720	0	0.00	3.04	0.20	7.50		**N**
12:05	16.99	8.40	-226	1.710	0	0.00	3.06	0.25	8.75		**N**
12:10	17.01	8.37	-230	1.700	0	0.00	3.07	0.20	9.75		**Y**
B-MW201R stabilized after 25 minutes of purging 9.75 liters of groundwater. Collected B-MW201R_102125.											**N**
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N

Notes:

1. Well depths and groundwater depths were measured in feet below the top of well casing, northern most point.
2. Well and tubing diameters are measured in inches.
3. PID = Photoionization Detector
4. PPM = Parts per million
5. pH = Hydrogen ion concentration
6. ORP = Oxidation-reduction potential, measured in millivolts (mV)
7. DO = Dissolved Oxygen, measured in milligrams per liter (mg/L)
8. DTW = Depth to water
9. mS/cm = milli-Siemens per centimeter
10. NTU = Nephelometric Turbidity Unit
11. mg/L = milligrams per liter
12. L/min = liters per minute

Calculated Flow Rate		
Volume (L)	**Time (m:s)**	**Flow Rate (L/min)**

Project Information		Well Information		Equipment Information		Sampling Conditions		Sampling Information	
Project Name:	Willets Point Development	**Well No:**	B-MW206	**Water Quality Device Model:**	Horiba U-52	**Weather:**	Sunny, 62°		B-MW206_102125
Project Number:	170197605	**Well Depth:**	25.88	**Pine Number:**	44034	**Background PID (ppm):**	0.0	**Sample(s):**	
Site Location:	Queens, New York	**Well Diameter:**	1.8	**Pump Make and Model:**	Peristaltic	**PID Beneath Inner Cap (ppm):**	0.0		
Sampling	Shawn Martin	**Well Screen**	5.00	**Pine Number:**	038363	**Pump Intake Depth:**	23.00	**Sample Date:**	10/21/2025
Personnel:		**Interval:**	15.00	**Tubing Diameter:**	0.17" x 0.25"	**Depth to Water Before Purge:**	12.73	**Sample Time:**	10:10

STABILIZATION = 3 successive readings within limits

MILLITARY TIME	TEMP °Celsius (+/- 3%)	PH (+/- 0.1)	ORP mV (+/- 10mV)	CONDUCTIVITY mS/cm (+/- 3%)	TURBIDITY NTU (+/- 10% when above 5 NTU)	DO mg/L (+/- 10% when above 0.5 mg/L)	DTW ft Drawdown < 0.33 ft	Flow Rate (L/min) (<0.5 L/min)	Cumulative Discharge Volume (Liters)	NOTES color, odor etc.	Stabilized?
BEGIN PURGING											
9:35	16.74	12.56	-307	2.330	6	1.17	12.73		0.10	brownish tint, feint petro-based odor	**N/A**
9:40	16.73	12.55	-322	2.300	16	1.01	12.73	0.08	0.50	brownish tint, feint petro-based odor	**N/A**
9:45	16.72	12.57	-338	2.280	17	0.56	12.73	0.05	0.75	brownish tint, feint petro-based odor	**N**
9:50	16.71	12.57	-340	2.245	18	0.00	12.73	0.05	1.00	brownish tint, feint petro-based odor	**N**
9:55	16.72	12.58	-344	2.220	19	0.00	12.73	0.10	1.50	brownish tint, feint petro-based odor	**N**
10:00	16.72	12.58	-344	2.220	20	0.00	12.73	0.05	1.75	brownish tint, feint petro-based odor	**Y**
10:05	16.67	12.57	-341	2.220	20	0.00	12.75	0.05	2.00	brownish tint, feint petro-based odor	**Y**
B-MW206 stabilized after 30 minutes of purging 2 liters of groundwater. Collected B-MW206_102125.											**N**
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N

Notes:

1. Well depths and groundwater depths were measured in feet below the top of well casing, northern most point.
2. Well and tubing diameters are measured in inches.
3. PID = Photoionization Detector
4. PPM = Parts per million
5. pH = Hydrogen ion concentration
6. ORP = Oxidation-reduction potential, measured in millivolts (mV)
7. DO = Dissolved Oxygen, measured in milligrams per liter (mg/L)
8. DTW = Depth to water
9. mS/cm = milli-Siemens per centimeter
10. NTU = Nephelometric Turbidity Unit
11. mg/L = milligrams per liter
12. L/min = liters per minute

Calculated Flow Rate		
Volume (L)	**Time (m:s)**	**Flow Rate (L/min)**

Project Information		Well Information		Equipment Information		Sampling Conditions		Sampling Information	
Project Name:	Willets Point Development	**Well No:**	C-MW201	**Water Quality Device Model:**	Horiba U-52	**Weather:**	Sunny, 62°	**Sample(s):**	C-MW201_102125
Project Number:	170197605	**Well Depth:**	17.80	**Pine Number:**	44034	**Background PID (ppm):**	0.0		
Site Location:	Queens, New York	**Well Diameter:**	2- inch	**Pump Make and Model:**	Peristaltic	**PID Beneath Inner Cap (ppm):**	0.0		
Sampling Personnel:	Alexandra Fitzgerald	**Well Screen Interval:**	3.85 13.85	**Pine Number:**	029631	**Pump Intake Depth:**	16.00	**Sample Date:**	10/21/2025
				Tubing Diameter:	0.17" x 0.25"	**Depth to Water Before Purge:**	8.39	**Sample Time:**	8:55

STABILIZATION = 3 successive readings within limits

MILLITARY TIME	TEMP °Celsius (+/- 3%)	PH (+/- 0.1)	ORP mV (+/- 10mV)	CONDUCTIVITY mS/cm (+/- 3%)	TURBIDITY NTU (+/- 10% when above 5 NTU)	DO mg/L (+/- 10% when above 0.5 mg/L)	DTW ft Drawdown < 0.33 ft	Flow Rate (L/min) (<0.5 L/min)	Cumulative Discharge Volume (Liters)	NOTES color, odor etc.	Stabilized?
BEGIN PURGING											
8:05	18.43	6.51	-84	4.490	59	0.11	8.47		0.50		**N/A**
8:10	18.41	7.21	-159	4.430	21	0.00	8.54	0.20	1.50		**N/A**
8:15	18.68	7.45	-189	4.340	10	0.00	8.54	0.25	2.75		**N**
8:20	18.76	7.50	-197	4.340	5	0.00	8.54	0.20	3.75		**N**
8:25	18.82	7.54	-201	4.340	2	0.00	8.54	0.20	4.75		**N**
8:30	18.85	7.55	-202	4.340	0	0.00	8.54	0.25	6.00		**N**
8:35	19.02	7.57	-203	4.330	0	0.00	8.55	0.20	7.00		**Y**
C-MW201 stabilized after 30 minutes of purging 7 liters of groundwater. Collected C-MW201_102125.											**N**
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N

Notes:

1. Well depths and groundwater depths were measured in feet below the top of well casing, northern most point.
2. Well and tubing diameters are measured in inches.
3. PID = Photoionization Detector
4. PPM = Parts per million
5. pH = Hydrogen ion concentration
6. ORP = Oxidation-reduction potential, measured in millivolts (mV)
7. DO = Dissolved Oxygen, measured in milligrams per liter (mg/L)
8. DTW = Depth to water
9. mS/cm = milli-Siemens per centimeter
10. NTU = Nephelometric Turbidity Unit
11. mg/L = milligrams per liter
12. L/min = liters per minute

Calculated Flow Rate		
Volume (L)	**Time (m:s)**	**Flow Rate (L/min)**
0.500	11:00.0	0.229

Project Information		Well Information		Equipment Information		Sampling Conditions		Sampling Information	
Project Name:	Willets Point Development	**Well No:**	C-MW205	**Water Quality Device Model:**	Horiba U-52	**Weather:**	Sunny, 62°	**Sample(s):**	C-MW205_102125
Project Number:	170197605	**Well Depth:**	24.34	**Pine Number:**	44034	**Background PID (ppm):**	0.0		DUP01_102125
Site Location:	Queens, New York	**Well Diameter:**	2-inch	**Pump Make and Model:**	Peristaltic	**PID Beneath Inner Cap (ppm):**	0.0		
Sampling Personnel:	Alexandra Fitzgerald	**Well Screen Interval:**	15.00 – 25.00	**Pine Number:**	029631	**Pump Intake Depth:**	22.00	**Sample Date:**	10/21/2025
				Tubing Diameter:	0.17" x 0.25"	**Depth to Water Before Purge:**	10.05	**Sample Time:**	11:10

STABILIZATION = 3 successive readings within limits

MILLITARY TIME	TEMP °Celsius (+/- 3%)	PH (+/- 0.1)	ORP mV (+/- 10mV)	CONDUCTIVITY mS/cm (+/- 3%)	TURBIDITY NTU (+/- 10% when above 5 NTU)	DO mg/L (+/- 10% when above 0.5 mg/L)	DTW ft Drawdown < 0.33 ft	Flow Rate (L/min) (<0.5 L/min)	Cumulative Discharge Volume (Liters)	NOTES color, odor etc.	Stabilized?
BEGIN PURGING											
9:35	18.23	8.76	-163	19.900	9	4.50	10.17		0.50	petroleum like odor	**N/A**
9:40	18.17	8.79	-183	20.300	3	0.00	10.42	0.25	1.75	petroleum like odor	**N/A**
9:45	18.24	8.75	-201	20.400	0	0.00	10.41	0.20	2.75	petroleum like odor	**N**
9:50	18.31	8.71	-218	20.100	1	0.00	10.40	0.20	3.75	petroleum like odor	**N**
9:55	18.33	8.66	-238	19.700	1	0.00	10.41	0.20	4.75	petroleum like odor	**N**
10:00	18.41	8.63	-254	19.300	0	0.00	10.42	0.15	5.50	petroleum like odor	**N**
10:05	18.42	8.69	-271	18.900	1	0.00	10.43	0.25	6.75	petroleum like odor	**N**
10:10	18.47	8.70	-283	18.500	2	0.00	10.43	0.20	7.75	petroleum like odor	**N**
10:15	18.52	8.73	-293	18.000	3	0.00	10.42	0.20	8.75	petroleum like odor	**N**
10:20	18.61	8.74	-299	17.400	5	0.00	10.42	0.15	9.50	petroleum like odor	**N**
10:25	18.67	8.79	-306	16.800	7	0.00	10.42	0.25	10.75	petroleum like odor	**N**
10:30	18.69	8.84	-312	16.300	10	0.00	10.43	0.15	11.50	petroleum like odor	**N**
10:35	18.73	8.97	-319	16.100	13	0.00	10.44	0.20	12.50	petroleum like odor	**N**
10:40	18.70	8.98	-329	15.600	15	0.00	10.45	0.20	13.50	petroleum like odor	**N**
10:45	18.73	9.07	-338	15.300	15	0.00	10.45	0.20	14.50	petroleum like odor	**N**
10:50	18.67	9.13	-346	15.100	18	0.00	10.46	0.20	15.50	petroleum like odor	**N**
10:55	18.62	9.18	-352	14.800	25	0.00	10.47	0.20	16.50	petroleum like odor	**N**
C-MW205 did not stabilize after 80 minutes of purging 16.5 liters of groundwater. Collected C-MW205_102125.											**N**
											N
											N
											N
											N
											N
											N
											N
											N

Notes:

1. Well depths and groundwater depths were measured in feet below the top of well casing, northern most point.
2. Well and tubing diameters are measured in inches.
3. PID = Photoionization Detector
4. PPM = Parts per million
5. pH = Hydrogen ion concentration
6. ORP = Oxidation-reduction potential, measured in millivolts (mV)
7. DO = Dissolved Oxygen, measured in milligrams per liter (mg/L)
8. DTW = Depth to water
9. mS/cm = milli-Siemens per centimeter
10. NTU = Nephelometric Turbidity Unit
11. mg/L = milligrams per liter
12. L/min = liters per minute

Calculated Flow Rate		
Volume (L)	**Time (m:s)**	**Flow Rate (L/min)**
0.500	35:00.0	0.194

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Project Information		Well Information		Equipment Information		Sampling Conditions		Sampling Information	
Project Name:	Willets Point Development	**Well No:**	C-MW206	**Water Quality Device Model:**	Horiba U-52	**Weather:**	Partly cloudy, 60°		C-MW206_102025
Project Number:	170197605	**Well Depth:**	20.00	**Pine Number:**	15140	**Background PID (ppm):**	0.0	**Sample(s):**	
Site Location:	Queens, New York	**Well Diameter:**	2-inch	**Pump Make and Model:**	Peristaltic	**PID Beneath Inner Cap (ppm):**	2.6		
Sampling	Alexandra Fitzgerald	**Well Screen**	10.00	**Pine Number:**	029631	**Pump Intake Depth:**	22.00	**Sample Date:**	10/20/2025
Personnel:		**Interval:**	20.00	**Tubing Diameter:**	0.17" x 0.25"	**Depth to Water Before Purge:**	12.43	**Sample Time:**	15:40

STABILIZATION = 3 successive readings within limits

MILLITARY TIME	TEMP °Celsius (+/- 3%)	PH (+/- 0.1)	ORP mV (+/- 10mV)	CONDUCTIVITY mS/cm (+/- 3%)	TURBIDITY NTU (+/- 10% when above 5 NTU)	DO mg/L (+/- 10% when above 0.5 mg/L)	DTW ft Drawdown < 0.33 ft	Flow Rate (L/min) (<0.5 L/min)	Cumulative Discharge Volume (Liters)	NOTES color, odor etc.	Stabilized?
BEGIN PURGING											
14:28	18.57	8.13	-205	22.900	17	0.08	13.28		1.00	Amber tint, petroleum-like odor	**N/A**
14:33	18.59	8.15	-215	22.600	26	0.00	13.29	0.20	2.00	Amber tint, petroleum-like odor	**N/A**
14:38	18.63	8.19	-219	20.700	21	0.00	13.32	0.15	2.75	Amber tint, petroleum-like odor	**N**
14:43	18.67	8.22	-218	18.900	19	0.00	13.38	0.20	3.75	Amber tint, petroleum-like odor	**N**
14:48	18.78	8.26	-217	17.200	17	0.00	13.40	0.20	4.75	Amber tint, petroleum-like odor	**N**
14:53	18.78	8.29	-219	15.900	15	0.00	13.41	0.20	5.75	Amber tint, petroleum-like odor	**N**
14:58	18.72	8.31	-218	11.200	10	0.00	13.40	0.20	6.75	Amber tint, petroleum-like odor	**N**
15:03	18.65	8.32	-219	11.100	9	0.00	13.44	0.20	7.75	Amber tint, petroleum-like odor	**N**
15:08	18.65	8.33	-223	11.000	10	0.00	13.42	0.15	8.50	Amber tint, petroleum-like odor	**N**
15:13	18.74	8.34	-225	10.600	9	0.00	13.41	0.15	9.25	Amber tint, petroleum-like odor	**N**
15:18	18.74	8.32	-220	10.400	10	0.00	13.46	0.15	10.00	Amber tint, petroleum-like odor	**N**
15:23	18.62	8.34	-224	10.500	10	0.00	13.50	0.20	11.00	Amber tint, petroleum-like odor	**Y**
C-MW206 stabilized after 55 minutes of purging 11 liters of groundwater. Collected C-MW206_102025.											**N**
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N

Notes:

1. Well depths and groundwater depths were measured in feet below the top of well casing, northern most point.
2. Well and tubing diameters are measured in inches.
3. PID = Photoionization Detector
4. PPM = Parts per million
5. pH = Hydrogen ion concentration
6. ORP = Oxidation-reduction potential, measured in millivolts (mV)
7. DO = Dissolved Oxygen, measured in milligrams per liter (mg/L)
8. DTW = Depth to water
9. mS/cm = milli-Siemens per centimeter
10. NTU = Nephelometric Turbidity Unit
11. mg/L = milligrams per liter
12. L/min = liters per minute

Calculated Flow Rate		
Volume (L)	**Time (m:s)**	**Flow Rate (L/min)**
0.500	28:00.0	0.203

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Project Information		Well Information		Equipment Information		Sampling Conditions		Sampling Information	
Project Name:	Willets Point Development	**Well No:**	C-RMW01	**Water Quality Device Model:**	Horiba U-52	**Weather:**	Sunny, 62°	**Sample(s):**	C-RMW01_102125
Project Number:	170197605	**Well Depth:**	20.39	**Pine Number:**	44034	**Background PID (ppm):**	0.0		
Site Location:	Queens, New York	**Well Diameter:**	2.0	**Pump Make and Model:**	Peristaltic	**PID Beneath Inner Cap (ppm):**	4.3		
Sampling Personnel:	Shawn Martin	**Well Screen Interval:**	5.00 15.00	**Pine Number:**	038363	**Pump Intake Depth:**	18.00	**Sample Date:**	10/21/2025
				Tubing Diameter:	0.17" x 0.25"	**Depth to Water Before Purge:**	9.27	**Sample Time:**	8:50

STABILIZATION = 3 successive readings within limits

MILLITARY TIME	TEMP °Celsius (+/- 3%)	PH (+/- 0.1)	ORP mV (+/- 10mV)	CONDUCTIVITY mS/cm (+/- 3%)	TURBIDITY NTU (+/- 10% when above 5 NTU)	DO mg/L (+/- 10% when above 0.5 mg/L)	DTW ft Drawdown < 0.33 ft	Flow Rate (L/min) (<0.5 L/min)	Cumulative Discharge Volume (Liters)	NOTES color, odor etc.	Stabilized?
BEGIN PURGING											
8:05	16.42	8.01	-186	8.700	164	0.73	9.27		0.10	greenish-brown, petroleum-like odor	**N/A**
8:10	17.26	8.13	-197	7.990	25	0.00	9.27	0.08	0.50	greenish-brown, petroleum-like odor	**N/A**
8:15	17.65	8.14	-204	7.230	8	0.00	9.29	0.10	1.00	greenish-brown, petroleum-like odor	**N**
8:20	17.86	8.15	-208	6.900	6	0.00	9.30	0.10	1.50	greenish-brown, petroleum-like odor	**N**
8:25	17.93	8.15	-208	6.780	3	0.00	9.30	0.05	1.75	greenish-brown, petroleum-like odor	**N**
8:30	18.02	8.15	-209	6.670	2	0.00	9.32	0.05	2.00	greenish-brown, petroleum-like odor	**N**
8:35	18.05	8.14	-211	6.540	2	0.00	9.30	0.05	2.25	greenish-brown, petroleum-like odor	**N**
8:40	18.23	8.14	-210	6.410	2	0.00	9.30	0.05	2.50	greenish-brown, petroleum-like odor	**N**
8:45	18.23	8.13	-211	6.380	2	0.00	9.30	0.10	3.00	greenish-brown, petroleum-like odor	**Y**
C-RMW01 stabilized after 40 minutes of purging 3 liters of groundwater. Collected C-RMW01_102125.											**N**
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N

Notes:

1. Well depths and groundwater depths were measured in feet below the top of well casing, northern most point.
2. Well and tubing diameters are measured in inches.
3. PID = Photoionization Detector
4. PPM = Parts per million
5. pH = Hydrogen ion concentration
6. ORP = Oxidation-reduction potential, measured in millivolts (mV)
7. DO = Dissolved Oxygen, measured in milligrams per liter (mg/L)
8. DTW = Depth to water
9. mS/cm = milli-Siemens per centimeter
10. NTU = Nephelometric Turbidity Unit
11. mg/L = milligrams per liter
12. L/min = liters per minute

Calculated Flow Rate		
Volume (L)	**Time (m:s)**	**Flow Rate (L/min)**

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Project Information		Well Information		Equipment Information		Sampling Conditions		Sampling Information	
Project Name:	Willets Point Development	**Well No:**	E-RW105	**Water Quality Device Model:**	Horiba U-52	**Weather:**	Sunny, 62°		E-RW105_102125
Project Number:	170197605	**Well Depth:**	16.20	**Pine Number:**	44034	**Background PID (ppm):**	0.0	**Sample(s):**	
Site Location:	Queens, New York	**Well Diameter:**	2.0	**Pump Make and Model:**	Peristaltic	**PID Beneath Inner Cap (ppm):**	0.0		
Sampling	Shawn Martin	**Well Screen**	1.00	**Pine Number:**	038363	**Pump Intake Depth:**	14.00	**Sample Date:**	10/21/2025
Personnel:		**Interval:**	12.00	**Tubing Diameter:**	0.17" x 0.25"	**Depth to Water Before Purge:**	5.85	**Sample Time:**	12:00

STABILIZATION = 3 successive readings within limits

MILLITARY TIME	TEMP °Celsius (+/- 3%)	PH (+/- 0.1)	ORP mV (+/- 10mV)	CONDUCTIVITY mS/cm (+/- 3%)	TURBIDITY NTU (+/- 10% when above 5 NTU)	DO mg/L (+/- 10% when above 0.5 mg/L)	DTW ft Drawdown < 0.33 ft	Flow Rate (L/min) (<0.5 L/min)	Cumulative Discharge Volume (Liters)	NOTES color, odor etc.	Stabilized?
BEGIN PURGING											
11:30	19.36	9.76	-187	1.080	2	0.00	5.85		0.25		**N/A**
11:35	19.56	9.69	-171	1.070	1	0.00	5.85	0.10	0.75		**N/A**
11:40	19.66	9.58	-164	1.060	0	0.00	5.85	0.10	1.25		**N**
11:45	19.66	9.49	-164	1.050	0	0.00	5.85	0.10	1.75		**N**
11:50	19.70	9.46	-166	1.050	0	0.00	5.85	0.10	2.25		**N**
11:55	19.74	9.42	-168	1.050	0	0.00	5.85	0.10	2.75		**Y**
E-RW105 stabilized after 25 minutes of purging 2.75 liters of groundwater. Collected E-RW105_102125.											**N**
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N

Notes:

1. Well depths and groundwater depths were measured in feet below the top of well casing, northern most point.
2. Well and tubing diameters are measured in inches.
3. PID = Photoionization Detector
4. PPM = Parts per million
5. pH = Hydrogen ion concentration
6. ORP = Oxidation-reduction potential, measured in millivolts (mV)
7. DO = Dissolved Oxygen, measured in milligrams per liter (mg/L)
8. DTW = Depth to water
9. mS/cm = milli-Siemens per centimeter
10. NTU = Nephelometric Turbidity Unit
11. mg/L = milligrams per liter
12. L/min = liters per minute

Calculated Flow Rate		
Volume (L)	**Time (m:s)**	**Flow Rate (L/min)**

Project Information		Well Information		Equipment Information		Sampling Conditions		Sampling Information	
Project Name:	Willets Point Development	**Well No:**	J-MW117	**Water Quality Device Model:**	Horiba U-52	**Weather:**	Sunny, 62°		J-MW117_102125
Project Number:	170197605	**Well Depth:**	13.52	**Pine Number:**	15140	**Background PID (ppm):**	0.0	**Sample(s):**	
Site Location:	Queens, New York	**Well Diameter:**	2-inch	**Pump Make and Model:**	Peristaltic	**PID Beneath Inner Cap (ppm):**	1.8		
Sampling	Alexandra Fitzgerald	**Well Screen**	2.00	**Pine Number:**	038363	**Pump Intake Depth:**	11.00	**Sample Date:**	10/21/2025
Personnel:		**Interval:**	12.00	**Tubing Diameter:**	0.17" x 0.25"	**Depth to Water Before Purge:**	6.06	**Sample Time:**	14:15

STABILIZATION = 3 successive readings within limits

MILLITARY TIME	TEMP °Celsius (+/- 3%)	PH (+/- 0.1)	ORP mV (+/- 10mV)	CONDUCTIVITY mS/cm (+/- 3%)	TURBIDITY NTU (+/- 10% when above 5 NTU)	DO mg/L (+/- 10% when above 0.5 mg/L)	DTW ft Drawdown < 0.33 ft	Flow Rate (L/min) (<0.5 L/min)	Cumulative Discharge Volume (Liters)	NOTES color, odor etc.	Stabilized?
BEGIN PURGING											
13:15	18.37	9.41	-116	4.390	18	1.72	6.06		0.00	petroleum-like odor, sheen	**N/A**
13:20	18.14	9.33	-160	4.500	3	0.24	6.06	0.30	1.50	petroleum-like odor, sheen	**N/A**
13:25	18.07	9.32	-188	4.520	2	0.00	6.06	0.30	3.00	petroleum-like odor, sheen	**N**
13:30	18.05	9.33	-204	4.540	1	0.00	6.07	0.30	4.50	petroleum-like odor, sheen	**N**
13:35	18.06	9.34	-217	4.550	1	0.00	6.07	0.30	6.00	petroleum-like odor, sheen	**N**
13:40	18.05	9.33	-222	4.560	1	0.00	6.07	0.40	8.00	petroleum-like odor, sheen	**N**
13:45	17.96	9.34	-240	4.580	36	0.00	6.07	0.40	10.00	petroleum-like odor, sheen	**N**
13:50	17.99	9.34	-235	4.560	7	0.00	6.06	0.35	11.75	petroleum-like odor, sheen	**N**
13:55	17.99	9.34	-236	4.560	2	0.00	6.06	0.35	13.50	petroleum-like odor, sheen, minor globules	**N**
14:00	17.97	9.34	-238	4.560	2	0.00	6.06	0.30	15.00	petroleum-like odor, sheen, minor globules	**N**
14:05	17.98	9.34	-239	4.560	3	0.00	6.06	0.30	16.50	petroleum-like odor, sheen, minor globules	**Y**
J-MW117 stabilized after 50 minutes of purging 16.5 liters of groundwater. Collected J-MW117_102125.											**N**
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N

Notes:

1. Well depths and groundwater depths were measured in feet below the top of well casing, northern most point.
2. Well and tubing diameters are measured in inches.
3. PID = Photoionization Detector
4. PPM = Parts per million
5. pH = Hydrogen ion concentration
6. ORP = Oxidation-reduction potential, measured in millivolts (mV)
7. DO = Dissolved Oxygen, measured in milligrams per liter (mg/L)
8. DTW = Depth to water
9. mS/cm = milli-Siemens per centimeter
10. NTU = Nephelometric Turbidity Unit
11. mg/L = milligrams per liter
12. L/min = liters per minute

Calculated Flow Rate		
Volume (L)	**Time (m:s)**	**Flow Rate (L/min)**
0.500	29:00.0	0.337

Project Information		Well Information		Equipment Information		Sampling Conditions		Sampling Information	
Project Name:	Willets Point Development	**Well No:**	J-MW118	**Water Quality Device Model:**	Horiba U-52	**Weather:**	Partly cloudy, 60°	**Sample(s):**	J-MW118_102025
Project Number:	170197605	**Well Depth:**	10.35	**Pine Number:**	44034	**Background PID (ppm):**	0.0		
Site Location:	Queens, New York	**Well Diameter:**	2.0	**Pump Make and Model:**	Peristaltic	**PID Beneath Inner Cap (ppm):**	7.3		
Sampling Personnel:	Shawn Martin	**Well Screen Interval:**	1.00 11.00	**Pine Number:**	038363	**Pump Intake Depth:**	8.50	**Sample Date:**	10/20/2025
				Tubing Diameter:	0.17" x 0.25"	**Depth to Water Before Purge:**	7.18	**Sample Time:**	13:20

STABILIZATION = 3 successive readings within limits

MILLITARY TIME	TEMP °Celsius (+/- 3%)	PH (+/- 0.1)	ORP mV (+/- 10mV)	CONDUCTIVITY mS/cm (+/- 3%)	TURBIDITY NTU (+/- 10% when above 5 NTU)	DO mg/L (+/- 10% when above 0.5 mg/L)	DTW ft Drawdown < 0.33 ft	Flow Rate (L/min) (<0.5 L/min)	Cumulative Discharge Volume (Liters)	NOTES color, odor etc.	Stabilized?
BEGIN PURGING											
12:35	20.15	10.06	-248	3.770	16	0.00	7.18		0.10	dark brown, petroluem-like odor, sheen	**N/A**
12:40	20.37	9.47	-286	2.970	5	0.00	7.18	0.18	1.00	dark brown, petroluem-like odor, sheen	**N/A**
12:45	20.22	9.80	-325	3.560	356	0.00	7.18	0.05	1.25	dark brown, petroluem-like odor, sheen	**N**
12:50	20.29	9.11	-305	2.650	5	0.00	7.20	0.05	1.50	dark brown, petroluem-like odor, sheen	**N**
12:55	20.36	8.86	-294	2.520	3	0.00	7.22	0.05	1.75	dark brown, petroluem-like odor, sheen	**N**
13:00	20.42	9.02	-294	2.540	3	0.00	7.22	0.05	2.00	dark brown, petroluem-like odor, sheen	**N**
13:05	20.43	9.11	-298	2.560	3	0.00	7.20	0.05	2.25	dark brown, petroluem-like odor, sheen	**N**
13:10	20.45	9.18	-295	2.590	3	0.00	7.20	0.05	2.50	dark brown, petroluem-like odor, sheen	**N**
13:15	20.44	9.17	-299	2.590	3	0.00	7.21	0.10	3.00	dark brown, petroluem-like odor, sheen	**Y**
J-MW118 stabilized after 40 minutes of purging 3 liters of groundwater. Collected J-MW118_102025.											**N**
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N

Notes:

1. Well depths and groundwater depths were measured in feet below the top of well casing, northern most point.
2. Well and tubing diameters are measured in inches.
3. PID = Photoionization Detector
4. PPM = Parts per million
5. pH = Hydrogen ion concentration
6. ORP = Oxidation-reduction potential, measured in millivolts (mV)
7. DO = Dissolved Oxygen, measured in milligrams per liter (mg/L)
8. DTW = Depth to water
9. mS/cm = milli-Siemens per centimeter
10. NTU = Nephelometric Turbidity Unit
11. mg/L = milligrams per liter
12. L/min = liters per minute

Calculated Flow Rate		
Volume (L)	**Time (m:s)**	**Flow Rate (L/min)**

Project Information		Well Information		Equipment Information		Sampling Conditions		Sampling Information	
Project Name:	Willets Point Development	**Well No:**	J-MW201	**Water Quality Device Model:**	Horiba U-52	**Weather:**	Partly cloudy, 60°		J-MW201_102025
Project Number:	170197605	**Well Depth:**	15.17	**Pine Number:**	44034	**Background PID (ppm):**	0.0	**Sample(s):**	
Site Location:	Queens, New York	**Well Diameter:**	2.0	**Pump Make and Model:**	Peristaltic	**PID Beneath Inner Cap (ppm):**	7.5		
Sampling	Shawn Martin	**Well Screen**	5.00	**Pine Number:**	038363	**Pump Intake Depth:**	13.00	**Sample Date:**	10/20/2025
Personnel:		**Interval:**	15.00	**Tubing Diameter:**	0.17" x 0.25"	**Depth to Water Before Purge:**	5.44	**Sample Time:**	10:25

STABILIZATION = 3 successive readings within limits

MILLITARY TIME	TEMP °Celsius (+/- 3%)	PH (+/- 0.1)	ORP mV (+/- 10mV)	CONDUCTIVITY mS/cm (+/- 3%)	TURBIDITY NTU (+/- 10% when above 5 NTU)	DO mg/L (+/- 10% when above 0.5 mg/L)	DTW ft Drawdown < 0.33 ft	Flow Rate (L/min) (<0.5 L/min)	Cumulative Discharge Volume (Liters)	NOTES color, odor etc.	Stabilized?
BEGIN PURGING											
9:55	18.15	8.42	-92	14.800	7	0.00	5.44	0.50	0.00	greenish brown, slight petroleum-like odor	**N/A**
10:00	18.20	8.81	-115	7.290	7	0.00	5.46	0.10	0.50	greenish brown, slight petroleum-like odor	**N/A**
10:05	18.31	8.92	-119	5.610	3	0.00	5.47	0.05	0.75	greenish brown, slight petroleum-like odor	**N**
10:10	18.36	8.91	-132	5.100	2	0.00	5.45	0.10	1.25	greenish brown, slight petroleum-like odor	**N**
10:15	18.37	8.89	-135	5.040	2	0.00	5.45	0.05	1.50	greenish brown, slight petroleum-like odor	**N**
10:20	18.40	8.84	-139	4.950	2	0.00	5.45	0.10	2.00	greenish brown, slight petroleum-like odor	**Y**
J-MW201 stabilized after 25 minutes of purging 2 liters of groundwater. Collected J-MW201_102025.											**N**
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N

Notes:

1. Well depths and groundwater depths were measured in feet below the top of well casing, northern most point.
2. Well and tubing diameters are measured in inches.
3. PID = Photoionization Detector
4. PPM = Parts per million
5. pH = Hydrogen ion concentration
6. ORP = Oxidation-reduction potential, measured in millivolts (mV)
7. DO = Dissolved Oxygen, measured in milligrams per liter (mg/L)
8. DTW = Depth to water
9. mS/cm = milli-Siemens per centimeter
10. NTU = Nephelometric Turbidity Unit
11. mg/L = milligrams per liter
12. L/min = liters per minute

Calculated Flow Rate		
Volume (L)	**Time (m:s)**	**Flow Rate (L/min)**

Project Information		Well Information		Equipment Information		Sampling Conditions		Sampling Information	
Project Name:	Willets Point Development	**Well No:**	J-MW202	**Water Quality Device Model:**	Horiba U-52	**Weather:**	Partly cloudy, 60°	**Sample(s):**	J-MW202_102025
Project Number:	170197605	**Well Depth:**	14.20	**Pine Number:**	15140	**Background PID (ppm):**	0.0		
Site Location:	Queens, New York	**Well Diameter:**	2-inch	**Pump Make and Model:**	Peristaltic	**PID Beneath Inner Cap (ppm):**	3.3		
Sampling Personnel:	Alexandra Fitzgerald	**Well Screen Interval:**	4.00 14.00	**Pine Number:**	029631	**Pump Intake Depth:**	12.00	**Sample Date:**	10/20/2025
				Tubing Diameter:	0.17" x 0.25"	**Depth to Water Before Purge:**	7.20	**Sample Time:**	11:30

STABILIZATION = 3 successive readings within limits

MILLITARY TIME	TEMP °Celsius (+/- 3%)	PH (+/- 0.1)	ORP mV (+/- 10mV)	CONDUCTIVITY mS/cm (+/- 3%)	TURBIDITY NTU (+/- 10% when above 5 NTU)	DO mg/L (+/- 10% when above 0.5 mg/L)	DTW ft Drawdown < 0.33 ft	Flow Rate (L/min) (<0.5 L/min)	Cumulative Discharge Volume (Liters)	NOTES color, odor etc.	Stabilized?
BEGIN PURGING											
10:15	18.15	9.48	-162	5.370	19	2.16	7.07		2.75	light brown, petroleum like odor	**N/A**
10:20	18.46	9.46	-216	4.090	15	4.55	7.08	0.20	3.75	light brown, petroleum like odor	**N/A**
10:25	18.58	9.45	-256	3.830	12	2.87	7.08	0.25	5.00	light brown, petroleum like odor	**N**
10:30	18.66	9.45	-272	3.780	13	0.00	7.09	0.25	6.25	light brown, petroleum like odor	**N**
10:35	18.70	9.45	-287	3.840	11	0.00	7.09	0.20	7.25	light brown, petroleum like odor	**N**
10:40	18.70	9.47	-294	3.790	11	0.00	7.09	0.25	8.50	light brown, petroleum like odor	**N**
10:45	18.76	9.46	-303	3.790	12	0.00	7.09	0.25	9.75	light brown, petroleum like odor	**N**
10:50	18.77	9.45	-307	3.750	13	0.00	7.09	0.25	11.00	light brown, petroleum like odor	**N**
10:55	18.79	9.45	-309	3.630	14	0.00	7.09	0.20	12.00	light brown, petroleum like odor	**N**
11:00	18.73	9.45	-311	3.660	16	0.00	7.09	0.20	13.00	light brown, petroleum like odor	**N**
11:05	18.78	9.45	-313	3.520	17	0.00	7.09	0.25	14.25	light brown, petroleum like odor	**N**
11:10	18.79	9.45	-311	3.650	19	0.00	7.08	0.25	15.50	light brown, petroleum like odor	**N**
11:15	18.68	9.44	-312	3.660	19	0.00	7.08	0.25	16.75	light brown, petroleum like odor	**N**
11:20	18.61	9.44	-311	3.670	19	0.00	7.08	0.25	18.00	light brown, petroleum like odor	**Y**
J-MW202 stabilized after 65 minutes of purging 18 liters of groundwater. Collected J-MW202_102025.											**N**
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N

Notes:

1. Well depths and groundwater depths were measured in feet below the top of well casing, northern most point.
2. Well and tubing diameters are measured in inches.
3. PID = Photoionization Detector
4. PPM = Parts per million
5. pH = Hydrogen ion concentration
6. ORP = Oxidation-reduction potential, measured in millivolts (mV)
7. DO = Dissolved Oxygen, measured in milligrams per liter (mg/L)
8. DTW = Depth to water
9. mS/cm = milli-Siemens per centimeter
10. NTU = Nephelometric Turbidity Unit
11. mg/L = milligrams per liter
12. L/min = liters per minute

Calculated Flow Rate		
Volume (L)	**Time (m:s)**	**Flow Rate (L/min)**
0.500	01:00.0	0.248

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Project Information		Well Information		Equipment Information		Sampling Conditions		Sampling Information	
Project Name:	Willets Point Development	**Well No:**	J-MW203	**Water Quality Device Model:**	Horiba U-52	**Weather:**	Partly cloudy, 60°		J-MW203_102025
Project Number:	170197605	**Well Depth:**	15.61	**Pine Number:**	44034	**Background PID (ppm):**	0.0	**Sample(s):**	
Site Location:	Queens, New York	**Well Diameter:**	2.0	**Pump Make and Model:**	Peristaltic	**PID Beneath Inner Cap (ppm):**	0.6		
Sampling	Shawn Martin	**Well Screen**	5.00	**Pine Number:**	038363	**Pump Intake Depth:**	13.50	**Sample Date:**	10/20/2025
Personnel:		**Interval:**	15.00	**Tubing Diameter:**	0.17" x 0.25"	**Depth to Water Before Purge:**	6.98	**Sample Time:**	12:00

STABILIZATION = 3 successive readings within limits

MILLITARY TIME	TEMP °Celsius (+/- 3%)	PH (+/- 0.1)	ORP mV (+/- 10mV)	CONDUCTIVITY mS/cm (+/- 3%)	TURBIDITY NTU (+/- 10% when above 5 NTU)	DO mg/L (+/- 10% when above 0.5 mg/L)	DTW ft Drawdown < 0.33 ft	Flow Rate (L/min) (<0.5 L/min)	Cumulative Discharge Volume (Liters)	NOTES color, odor etc.	Stabilized?
BEGIN PURGING											
11:05	19.41	8.59	-148	3.630	19	0.00	6.98		0.25	brown tint, slight petroleum-like odor	**N/A**
11:10	20.04	8.31	-173	3.310	4	0.00	7.00	0.15	1.00	brown tint, slight petroleum-like odor	**N/A**
11:15	20.15	8.10	-169	3.110	4	0.00	7.01	0.05	1.25	brown tint, slight petroleum-like odor	**N**
11:20	20.19	8.01	-174	3.030	3	0.00	7.00	0.05	1.50	brown tint, slight petroleum-like odor	**N**
11:25	20.21	7.95	-181	2.930	2	0.00	7.00	0.10	2.00	brown tint, slight petroleum-like odor	**N**
11:30	20.21	7.81	-188	2.770	2	0.00	7.00	0.10	2.50	brown tint, slight petroleum-like odor	**N**
11:35	20.20	7.44	-188	2.700	2	0.00	7.00	0.05	2.75	brown tint, slight petroleum-like odor	**N**
11:40	20.20	7.72	-190	2.680	2	0.00	7.00	0.05	3.00	brown tint, slight petroleum-like odor	**N**
11:45	20.18	7.63	-187	2.610	2	0.00	7.00	0.10	3.50	brown tint, slight petroleum-like odor	**N**
11:50	20.24	7.61	-187	2.590	2	0.00	7.00	0.10	4.00	brown tint, slight petroleum-like odor	**N**
11:55	20.23	7.59	-187	2.570	2	0.00	7.00	0.10	4.50	brown tint, slight petroleum-like odor	**Y**
J-MW203 stabilized after 50 minutes of purging 4.5 liters of groundwater. Collected J-MW203_102025.											**N**
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N

Notes:

1. Well depths and groundwater depths were measured in feet below the top of well casing, northern most point.
2. Well and tubing diameters are measured in inches.
3. PID = Photoionization Detector
4. PPM = Parts per million
5. pH = Hydrogen ion concentration
6. ORP = Oxidation-reduction potential, measured in millivolts (mV)
7. DO = Dissolved Oxygen, measured in milligrams per liter (mg/L)
8. DTW = Depth to water
9. mS/cm = milli-Siemens per centimeter
10. NTU = Nephelometric Turbidity Unit
11. mg/L = milligrams per liter
12. L/min = liters per minute

Calculated Flow Rate		
Volume (L)	**Time (m:s)**	**Flow Rate (L/min)**

Project Information		Well Information		Equipment Information		Sampling Conditions		Sampling Information	
Project Name:	Willets Point Development	**Well No:**	J-MW204	**Water Quality Device Model:**	Horiba U-52	**Weather:**	Partly cloudy, 60°	**Sample(s):**	C-MW204_102025
Project Number:	170197605	**Well Depth:**	15.34	**Pine Number:**	15140	**Background PID (ppm):**	0.0		
Site Location:	Queens, New York	**Well Diameter:**	2-inch	**Pump Make and Model:**	Peristaltic	**PID Beneath Inner Cap (ppm):**	1.1		
Sampling Personnel:	Alexandra Fitzgerald	**Well Screen Interval:**	5.00 15.00	**Pine Number:**	029631	**Pump Intake Depth:**	13.00	**Sample Date:**	10/20/2025
				Tubing Diameter:	0.17" x 0.25"	**Depth to Water Before Purge:**	7.34	**Sample Time:**	13:50

STABILIZATION = 3 successive readings within limits

MILLITARY TIME	TEMP °Celsius (+/- 3%)	PH (+/- 0.1)	ORP mV (+/- 10mV)	CONDUCTIVITY mS/cm (+/- 3%)	TURBIDITY NTU (+/- 10% when above 5 NTU)	DO mg/L (+/- 10% when above 0.5 mg/L)	DTW ft Drawdown < 0.33 ft	Flow Rate (L/min) (<0.5 L/min)	Cumulative Discharge Volume (Liters)	NOTES color, odor etc.	Stabilized?
BEGIN PURGING											
12:44	18.08	10.40	-270	4.350	9	1.06	7.31		2.00	Amber, petroleum-like odor	**N/A**
12:49	18.02	10.42	-310	4.610	12	0.00	7.34	0.20	3.00	Amber, petroleum-like odor	**N/A**
12:54	17.95	10.46	-372	4.700	11	0.00	7.34	0.20	4.00	Amber, petroleum-like odor	**N**
12:59	17.97	10.48	-406	4.520	11	0.00	7.34	0.20	5.00	Amber, petroleum-like odor	**N**
13:04	18.00	10.45	-418	4.420	12	0.00	7.34	0.20	6.00	Amber, petroleum-like odor	**N**
13:09	18.00	10.45	-427	4.310	10	0.00	7.35	0.20	7.00	Amber, petroleum-like odor	**N**
13:14	18.03	10.43	-435	4.140	13	0.00	7.34	0.20	8.00	Amber, petroleum-like odor	**N**
13:19	18.04	10.40	-440	4.030	12	0.00	7.34	0.20	9.00	Amber, petroleum-like odor	**N**
13:24	18.08	10.37	-444	3.890	10	0.00	7.34	0.20	10.00	Amber, petroleum-like odor	**N**
13:29	18.09	10.34	-449	3.760	10	0.00	7.34	0.30	11.50	Amber, petroleum-like odor	**N**
13:34	18.10	10.33	-450	3.760	10	0.00	7.34	0.20	12.50	Amber, petroleum-like odor	**N**
13:39	18.10	10.35	-450	3.780	10	0.00	7.34	0.20	13.50	Amber, petroleum-like odor	**Y**
J-MW204 stabilized after 55 minutes of purging 13.5 liters of groundwater. Collected J-MW204_102025.											**N**
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N

Notes:

1. Well depths and groundwater depths were measured in feet below the top of well casing, northern most point.
2. Well and tubing diameters are measured in inches.
3. PID = Photoionization Detector
4. PPM = Parts per million
5. pH = Hydrogen ion concentration
6. ORP = Oxidation-reduction potential, measured in millivolts (mV)
7. DO = Dissolved Oxygen, measured in milligrams per liter (mg/L)
8. DTW = Depth to water
9. mS/cm = milli-Siemens per centimeter
10. NTU = Nephelometric Turbidity Unit
11. mg/L = milligrams per liter
12. L/min = liters per minute

Calculated Flow Rate		
Volume (L)	**Time (m:s)**	**Flow Rate (L/min)**
0.500	22:00.0	0.211

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Project Information		Well Information		Equipment Information		Sampling Conditions		Sampling Information	
Project Name:	Willets Point Development	**Well No:**	J-MW205	**Water Quality Device Model:**	Horiba U-52	**Weather:**	Partly cloudy, 60°		J-MW205_102025
Project Number:	170197605	**Well Depth:**	14.24	**Pine Number:**	44034	**Background PID (ppm):**	0.0	**Sample(s):**	
Site Location:	Queens, New York	**Well Diameter:**	2.0	**Pump Make and Model:**	Peristaltic	**PID Beneath Inner Cap (ppm):**	21.5		
Sampling	Shawn Martin	**Well Screen**	5.00	**Pine Number:**	038363	**Pump Intake Depth:**	12.00	**Sample Date:**	10/20/2025
Personnel:		**Interval:**	15.00	**Tubing Diameter:**	0.17" x 0.25"	**Depth to Water Before Purge:**	6.13	**Sample Time:**	14:45

STABILIZATION = 3 successive readings within limits

MILLITARY TIME	TEMP °Celsius (+/- 3%)	PH (+/- 0.1)	ORP mV (+/- 10mV)	CONDUCTIVITY mS/cm (+/- 3%)	TURBIDITY NTU (+/- 10% when above 5 NTU)	DO mg/L (+/- 10% when above 0.5 mg/L)	DTW ft Drawdown < 0.33 ft	Flow Rate (L/min) (<0.5 L/min)	Cumulative Discharge Volume (Liters)	NOTES color, odor etc.	Stabilized?
BEGIN PURGING											
13:55	20.34	10.45	-324	4.510	16	0.00	6.13		0.10	brown, petroleum-like odor, minor sheen observed	**N/A**
14:00	20.01	10.36	-338	5.040	31	0.00	6.13	0.08	0.50	brown, petroleum-like odor, minor sheen observed	**N/A**
14:05	19.89	10.33	-343	5.060	46	0.00	6.13	0.10	1.00	brown, petroleum-like odor, minor sheen observed	**N**
14:10	19.93	10.33	-349	4.830	48	0.00	6.15	0.05	1.25	brown, petroleum-like odor, minor sheen observed	**N**
14:15	19.61	10.26	-353	5.280	48	0.00	6.17	0.05	1.50	brown, petroleum-like odor, minor sheen observed	**N**
14:20	19.51	10.22	-354	5.320	50	0.00	6.17	0.05	1.75	brown, petroleum-like odor, minor sheen observed	**N**
14:25	19.41	10.00	-344	5.870	34	0.00	6.17	0.10	2.25	brown, petroleum-like odor, minor sheen observed	**N**
14:30	19.33	9.87	-340	6.180	17	0.00	6.17	0.10	2.75	brown, petroleum-like odor, minor sheen observed	**N**
14:35	19.25	9.80	-338	6.230	17	0.00	6.18	0.10	3.25	brown, petroleum-like odor, minor sheen observed	**N**
14:40	19.25	9.84	-338	6.210	17	0.00	6.18	0.10	3.75	brown, petroleum-like odor, minor sheen observed	**Y**
J-MW205 stabilized after 45 minutes of purging 3.75 liters of groundwater. Collected J-MW205_102025.											**N**
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N
											N

Notes:

1. Well depths and groundwater depths were measured in feet below the top of well casing, northern most point.
2. Well and tubing diameters are measured in inches.
3. PID = Photoionization Detector
4. PPM = Parts per million
5. pH = Hydrogen ion concentration
6. ORP = Oxidation-reduction potential, measured in millivolts (mV)
7. DO = Dissolved Oxygen, measured in milligrams per liter (mg/L)
8. DTW = Depth to water
9. mS/cm = milli-Siemens per centimeter
10. NTU = Nephelometric Turbidity Unit
11. mg/L = milligrams per liter
12. L/min = liters per minute

Calculated Flow Rate		
Volume (L)	**Time (m:s)**	**Flow Rate (L/min)**

ATTACHMENT C
LABORATORY ANALYTICAL REPORTS

ANALYTICAL REPORT

Lab Number:	L2566292
Client:	Langan Engineering & Environmental 21 Penn Plaza 360 W. 31st Street, 8th Floor New York, NY 10001-2727
ATTN:	Elizabeth Burgess
Phone:	(212) 479-5499
Project Name:	WILLETS POINT DEVELOPMENT OU-2
Project Number:	170197605
Report Date:	10/28/25

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

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

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

Project Name: WILLETS POINT DEVELOPMENT OU-2
Project Number: 170197605

Lab Number: L2566292
Report Date: 10/28/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2566292-01	J-MW201_102025	WATER	QUEENS, NY	10/20/25 10:25	10/20/25
L2566292-02	J-MW203_102025	WATER	QUEENS, NY	10/20/25 12:00	10/20/25
L2566292-03	J-MW118_102025	WATER	QUEENS, NY	10/20/25 13:20	10/20/25
L2566292-04	J-MW205_102025	WATER	QUEENS, NY	10/20/25 14:45	10/20/25
L2566292-05	J-MW204_102025	WATER	QUEENS, NY	10/20/25 13:50	10/20/25
L2566292-06	J-MW202_102025	WATER	QUEENS, NY	10/20/25 11:30	10/20/25
L2566292-07	GWFB01_102025	WATER	QUEENS, NY	10/20/25 15:20	10/20/25
L2566292-08	TB01_102025	WATER	QUEENS, NY	10/20/25 00:00	10/20/25

Project Name:	WILLETS POINT DEVELOPMENT OU-2	**Lab Number:**	L2566292
Project Number:	170197605	**Report Date:**	10/28/25

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:	WILLETS POINT DEVELOPMENT OU-2	**Lab Number:**	L2566292
Project Number:	170197605	**Report Date:**	10/28/25

Case Narrative (continued)

Report Submission

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

Volatile Organics

L2566292-02D, -05D, and -06D: The sample has elevated detection limits due to the dilution required by the sample matrix (foam).

Semivolatile Organics

L2566292-04D, -05D, and -06D: The sample has elevated detection limits due to the dilution required by the sample matrix.

Semivolatile Organics by SIM

The WG2132502-1 Method Blank associated with L2566292-02 and -07 has concentrations above the reporting limits for fluoranthene, benzo(a)pyrene, phenanthrene, and pyrene. Since the associated sample concentrations are non-detect to the RL, no corrective action is required.

The WG2132982-1 Method Blank associated with L2566292-01, -01D, -02RE, -03, -03D, -04, -05, and -06D has a concentration above the reporting limit for naphthalene. Since the associated sample concentrations are either greater than 10x the blank concentration or non-detect to the RL for this target analyte, no corrective action is required. Any results detected below the reporting limit are qualified with a "B".

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: Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative Date: 10/28/25

ORGANICS

VOLATILES

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

SAMPLE RESULTS

Lab ID: L2566292-01 Date Collected: 10/20/25 10:25
Client ID: J-MW201_102025 Date Received: 10/20/25
Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 10/26/25 12:05
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	1.6	J	ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	71		ug/l	0.50	0.16	1
Toluene	50		ug/l	2.5	0.70	1
Ethylbenzene	20		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

SAMPLE RESULTS

Lab ID: L2566292-01 Date Collected: 10/20/25 10:25

Client ID: J-MW201_102025 Date Received: 10/20/25

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	1.5	J	ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	110		ug/l	2.5	0.17	1
p/m-Xylene	81		ug/l	2.5	0.70	1
o-Xylene	53		ug/l	2.5	0.70	1
Xylenes, Total	130		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	1.6	J	ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	35		ug/l	5.0	1.5	1
Carbon disulfide	1.6	J	ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	16		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	5.6		ug/l	2.5	0.70	1
sec-Butylbenzene	4.0		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	20		ug/l	2.5	0.70	1
p-Isopropyltoluene	1.6	J	ug/l	2.5	0.70	1
Naphthalene	52		ug/l	2.5	0.70	1

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

SAMPLE RESULTS

Lab ID: L2566292-01 Date Collected: 10/20/25 10:25

Client ID: J-MW201_102025 Date Received: 10/20/25

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	47		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	12		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	54		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	4.7		ug/l	2.0	0.70	1
p-Ethyltoluene	28		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	22		ug/l	2.0	0.54	1
Ethyl ether	1.7	J	ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	100		70-130

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

SAMPLE RESULTS

Lab ID: L2566292-02 D
Client ID: J-MW203_102025
Sample Location: QUEENS, NY

Date Collected: 10/20/25 12:00
Date Received: 10/20/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 10/26/25 12:31
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	12	3.5	5
1,1-Dichloroethane	ND		ug/l	12	3.5	5
Chloroform	ND		ug/l	12	3.5	5
Carbon tetrachloride	ND		ug/l	2.5	0.67	5
1,2-Dichloropropane	ND		ug/l	5.0	0.68	5
Dibromochloromethane	ND		ug/l	2.5	0.74	5
1,1,2-Trichloroethane	ND		ug/l	7.5	2.5	5
Tetrachloroethene	ND		ug/l	2.5	0.90	5
Chlorobenzene	ND		ug/l	12	3.5	5
Trichlorofluoromethane	ND		ug/l	12	3.5	5
1,2-Dichloroethane	ND		ug/l	2.5	0.66	5
1,1,1-Trichloroethane	ND		ug/l	12	3.5	5
Bromodichloromethane	ND		ug/l	2.5	0.96	5
trans-1,3-Dichloropropene	ND		ug/l	2.5	0.82	5
cis-1,3-Dichloropropene	ND		ug/l	2.5	0.72	5
1,3-Dichloropropene, Total	ND		ug/l	2.5	0.72	5
1,1-Dichloropropene	ND		ug/l	12	3.5	5
Bromoform	ND		ug/l	10	3.2	5
1,1,2,2-Tetrachloroethane	ND		ug/l	2.5	0.84	5
Benzene	7.7		ug/l	2.5	0.80	5
Toluene	3.9	J	ug/l	12	3.5	5
Ethylbenzene	4.9	J	ug/l	12	3.5	5
Chloromethane	ND		ug/l	12	3.5	5
Bromomethane	ND		ug/l	12	3.5	5
Vinyl chloride	ND		ug/l	5.0	0.36	5
Chloroethane	ND		ug/l	12	3.5	5
1,1-Dichloroethene	ND		ug/l	2.5	0.84	5
trans-1,2-Dichloroethene	ND		ug/l	12	3.5	5

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

SAMPLE RESULTS

Lab ID: L2566292-02 D
Client ID: J-MW203_102025
Sample Location: QUEENS, NY

Date Collected: 10/20/25 12:00
Date Received: 10/20/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	2.5	0.88	5
1,2-Dichlorobenzene	ND		ug/l	12	3.5	5
1,3-Dichlorobenzene	ND		ug/l	12	3.5	5
1,4-Dichlorobenzene	ND		ug/l	12	3.5	5
Methyl tert butyl ether	130		ug/l	12	0.83	5
p/m-Xylene	17		ug/l	12	3.5	5
o-Xylene	6.1	J	ug/l	12	3.5	5
Xylenes, Total	23	J	ug/l	12	3.5	5
cis-1,2-Dichloroethene	ND		ug/l	12	3.5	5
1,2-Dichloroethene, Total	ND		ug/l	12	3.5	5
Dibromomethane	ND		ug/l	25	5.0	5
1,2,3-Trichloropropane	ND		ug/l	12	3.5	5
Acrylonitrile	ND		ug/l	25	7.5	5
Styrene	ND		ug/l	12	3.5	5
Dichlorodifluoromethane	ND		ug/l	25	5.0	5
Acetone	ND		ug/l	25	7.3	5
Carbon disulfide	ND		ug/l	25	5.0	5
2-Butanone	ND		ug/l	25	9.7	5
Vinyl acetate	ND		ug/l	25	5.0	5
4-Methyl-2-pentanone	ND		ug/l	25	5.0	5
2-Hexanone	ND		ug/l	25	5.0	5
Bromochloromethane	ND		ug/l	12	3.5	5
2,2-Dichloropropane	ND		ug/l	12	3.5	5
1,2-Dibromoethane	ND		ug/l	10	3.2	5
1,3-Dichloropropane	ND		ug/l	12	3.5	5
1,1,1,2-Tetrachloroethane	ND		ug/l	12	3.5	5
Bromobenzene	ND		ug/l	12	3.5	5
n-Butylbenzene	ND		ug/l	12	3.5	5
sec-Butylbenzene	ND		ug/l	12	3.5	5
tert-Butylbenzene	ND		ug/l	12	3.5	5
o-Chlorotoluene	ND		ug/l	12	3.5	5
p-Chlorotoluene	ND		ug/l	12	3.5	5
1,2-Dibromo-3-chloropropane	ND		ug/l	12	3.5	5
Hexachlorobutadiene	ND		ug/l	12	3.5	5
Isopropylbenzene	ND		ug/l	12	3.5	5
p-Isopropyltoluene	ND		ug/l	12	3.5	5
Naphthalene	6.0	J	ug/l	12	3.5	5

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

SAMPLE RESULTS

Lab ID: L2566292-02 D
Client ID: J-MW203_102025
Sample Location: QUEENS, NY

Date Collected: 10/20/25 12:00
Date Received: 10/20/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	12	3.5	5
1,2,3-Trichlorobenzene	ND		ug/l	12	3.5	5
1,2,4-Trichlorobenzene	ND		ug/l	12	3.5	5
1,3,5-Trimethylbenzene	ND		ug/l	12	3.5	5
1,2,4-Trimethylbenzene	7.0	J	ug/l	12	3.5	5
1,4-Dioxane	ND		ug/l	1200	300	5
p-Diethylbenzene	ND		ug/l	10	3.5	5
p-Ethyltoluene	5.6	J	ug/l	10	3.5	5
1,2,4,5-Tetramethylbenzene	ND		ug/l	10	2.7	5
Ethyl ether	ND		ug/l	12	3.5	5
trans-1,4-Dichloro-2-butene	ND		ug/l	12	3.5	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	109		70-130

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

SAMPLE RESULTS

Lab ID: L2566292-03 D
Client ID: J-MW118_102025
Sample Location: QUEENS, NY

Date Collected: 10/20/25 13:20
Date Received: 10/20/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 10/26/25 12:57
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	25	7.0	10
1,1-Dichloroethane	ND		ug/l	25	7.0	10
Chloroform	ND		ug/l	25	7.0	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
1,2-Dichloropropane	ND		ug/l	10	1.4	10
Dibromochloromethane	ND		ug/l	5.0	1.5	10
1,1,2-Trichloroethane	ND		ug/l	15	5.0	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	25	7.0	10
Trichlorofluoromethane	ND		ug/l	25	7.0	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
1,1,1-Trichloroethane	ND		ug/l	25	7.0	10
Bromodichloromethane	ND		ug/l	5.0	1.9	10
trans-1,3-Dichloropropene	ND		ug/l	5.0	1.6	10
cis-1,3-Dichloropropene	ND		ug/l	5.0	1.4	10
1,3-Dichloropropene, Total	ND		ug/l	5.0	1.4	10
1,1-Dichloropropene	ND		ug/l	25	7.0	10
Bromoform	ND		ug/l	20	6.5	10
1,1,2,2-Tetrachloroethane	ND		ug/l	5.0	1.7	10
Benzene	86		ug/l	5.0	1.6	10
Toluene	320		ug/l	25	7.0	10
Ethylbenzene	110		ug/l	25	7.0	10
Chloromethane	ND		ug/l	25	7.0	10
Bromomethane	ND		ug/l	25	7.0	10
Vinyl chloride	ND		ug/l	10	0.71	10
Chloroethane	ND		ug/l	25	7.0	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
trans-1,2-Dichloroethene	ND		ug/l	25	7.0	10

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

SAMPLE RESULTS

Lab ID: L2566292-03 D Date Collected: 10/20/25 13:20

Client ID: J-MW118_102025 Date Received: 10/20/25

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	5.0	1.8	10
1,2-Dichlorobenzene	ND		ug/l	25	7.0	10
1,3-Dichlorobenzene	ND		ug/l	25	7.0	10
1,4-Dichlorobenzene	ND		ug/l	25	7.0	10
Methyl tert butyl ether	770		ug/l	25	1.7	10
p/m-Xylene	490		ug/l	25	7.0	10
o-Xylene	220		ug/l	25	7.0	10
Xylenes, Total	710		ug/l	25	7.0	10
cis-1,2-Dichloroethene	ND		ug/l	25	7.0	10
1,2-Dichloroethene, Total	ND		ug/l	25	7.0	10
Dibromomethane	ND		ug/l	50	10.	10
1,2,3-Trichloropropane	ND		ug/l	25	7.0	10
Acrylonitrile	ND		ug/l	50	15.	10
Styrene	ND		ug/l	25	7.0	10
Dichlorodifluoromethane	ND		ug/l	50	10.	10
Acetone	83		ug/l	50	15.	10
Carbon disulfide	ND		ug/l	50	10.	10
2-Butanone	ND		ug/l	50	19.	10
Vinyl acetate	ND		ug/l	50	10.	10
4-Methyl-2-pentanone	24	J	ug/l	50	10.	10
2-Hexanone	ND		ug/l	50	10.	10
Bromochloromethane	ND		ug/l	25	7.0	10
2,2-Dichloropropane	ND		ug/l	25	7.0	10
1,2-Dibromoethane	ND		ug/l	20	6.5	10
1,3-Dichloropropane	ND		ug/l	25	7.0	10
1,1,1,2-Tetrachloroethane	ND		ug/l	25	7.0	10
Bromobenzene	ND		ug/l	25	7.0	10
n-Butylbenzene	ND		ug/l	25	7.0	10
sec-Butylbenzene	ND		ug/l	25	7.0	10
tert-Butylbenzene	ND		ug/l	25	7.0	10
o-Chlorotoluene	ND		ug/l	25	7.0	10
p-Chlorotoluene	ND		ug/l	25	7.0	10
1,2-Dibromo-3-chloropropane	ND		ug/l	25	7.0	10
Hexachlorobutadiene	ND		ug/l	25	7.0	10
Isopropylbenzene	ND		ug/l	25	7.0	10
p-Isopropyltoluene	ND		ug/l	25	7.0	10
Naphthalene	72		ug/l	25	7.0	10

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

SAMPLE RESULTS

Lab ID: L2566292-03 D
Client ID: J-MW118_102025
Sample Location: QUEENS, NY

Date Collected: 10/20/25 13:20
Date Received: 10/20/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	16	J	ug/l	25	7.0	10
1,2,3-Trichlorobenzene	ND		ug/l	25	7.0	10
1,2,4-Trichlorobenzene	ND		ug/l	25	7.0	10
1,3,5-Trimethylbenzene	48		ug/l	25	7.0	10
1,2,4-Trimethylbenzene	180		ug/l	25	7.0	10
1,4-Dioxane	ND		ug/l	2500	610	10
p-Diethylbenzene	23		ug/l	20	7.0	10
p-Ethyltoluene	140		ug/l	20	7.0	10
1,2,4,5-Tetramethylbenzene	7.3	J	ug/l	20	5.4	10
Ethyl ether	ND		ug/l	25	7.0	10
trans-1,4-Dichloro-2-butene	ND		ug/l	25	7.0	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	104		70-130

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

SAMPLE RESULTS

Lab ID: L2566292-04 D
Client ID: J-MW205_102025
Sample Location: QUEENS, NY

Date Collected: 10/20/25 14:45
Date Received: 10/20/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 10/26/25 13:22
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	50	14.	20
1,1-Dichloroethane	ND		ug/l	50	14.	20
Chloroform	ND		ug/l	50	14.	20
Carbon tetrachloride	ND		ug/l	10	2.7	20
1,2-Dichloropropane	ND		ug/l	20	2.7	20
Dibromochloromethane	ND		ug/l	10	3.0	20
1,1,2-Trichloroethane	ND		ug/l	30	10.	20
Tetrachloroethene	ND		ug/l	10	3.6	20
Chlorobenzene	ND		ug/l	50	14.	20
Trichlorofluoromethane	ND		ug/l	50	14.	20
1,2-Dichloroethane	ND		ug/l	10	2.6	20
1,1,1-Trichloroethane	ND		ug/l	50	14.	20
Bromodichloromethane	ND		ug/l	10	3.8	20
trans-1,3-Dichloropropene	ND		ug/l	10	3.3	20
cis-1,3-Dichloropropene	ND		ug/l	10	2.9	20
1,3-Dichloropropene, Total	ND		ug/l	10	2.9	20
1,1-Dichloropropene	ND		ug/l	50	14.	20
Bromoform	ND		ug/l	40	13.	20
1,1,2,2-Tetrachloroethane	ND		ug/l	10	3.3	20
Benzene	55		ug/l	10	3.2	20
Toluene	250		ug/l	50	14.	20
Ethylbenzene	40	J	ug/l	50	14.	20
Chloromethane	ND		ug/l	50	14.	20
Bromomethane	ND		ug/l	50	14.	20
Vinyl chloride	ND		ug/l	20	1.4	20
Chloroethane	ND		ug/l	50	14.	20
1,1-Dichloroethene	ND		ug/l	10	3.4	20
trans-1,2-Dichloroethene	ND		ug/l	50	14.	20

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

SAMPLE RESULTS

Lab ID: L2566292-04 D Date Collected: 10/20/25 14:45

Client ID: J-MW205_102025 Date Received: 10/20/25

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	10	3.5	20
1,2-Dichlorobenzene	ND		ug/l	50	14.	20
1,3-Dichlorobenzene	ND		ug/l	50	14.	20
1,4-Dichlorobenzene	ND		ug/l	50	14.	20
Methyl tert butyl ether	1800		ug/l	50	3.3	20
p/m-Xylene	150		ug/l	50	14.	20
o-Xylene	79		ug/l	50	14.	20
Xylenes, Total	230		ug/l	50	14.	20
cis-1,2-Dichloroethene	ND		ug/l	50	14.	20
1,2-Dichloroethene, Total	ND		ug/l	50	14.	20
Dibromomethane	ND		ug/l	100	20.	20
1,2,3-Trichloropropane	ND		ug/l	50	14.	20
Acrylonitrile	ND		ug/l	100	30.	20
Styrene	ND		ug/l	50	14.	20
Dichlorodifluoromethane	ND		ug/l	100	20.	20
Acetone	470		ug/l	100	29.	20
Carbon disulfide	ND		ug/l	100	20.	20
2-Butanone	ND		ug/l	100	39.	20
Vinyl acetate	ND		ug/l	100	20.	20
4-Methyl-2-pentanone	ND		ug/l	100	20.	20
2-Hexanone	ND		ug/l	100	20.	20
Bromochloromethane	ND		ug/l	50	14.	20
2,2-Dichloropropane	ND		ug/l	50	14.	20
1,2-Dibromoethane	ND		ug/l	40	13.	20
1,3-Dichloropropane	ND		ug/l	50	14.	20
1,1,1,2-Tetrachloroethane	ND		ug/l	50	14.	20
Bromobenzene	ND		ug/l	50	14.	20
n-Butylbenzene	ND		ug/l	50	14.	20
sec-Butylbenzene	ND		ug/l	50	14.	20
tert-Butylbenzene	ND		ug/l	50	14.	20
o-Chlorotoluene	ND		ug/l	50	14.	20
p-Chlorotoluene	ND		ug/l	50	14.	20
1,2-Dibromo-3-chloropropane	ND		ug/l	50	14.	20
Hexachlorobutadiene	ND		ug/l	50	14.	20
Isopropylbenzene	ND		ug/l	50	14.	20
p-Isopropyltoluene	ND		ug/l	50	14.	20
Naphthalene	31	J	ug/l	50	14.	20

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

SAMPLE RESULTS

Lab ID: L2566292-04 D Date Collected: 10/20/25 14:45

Client ID: J-MW205_102025 Date Received: 10/20/25

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	50	14.	20
1,2,3-Trichlorobenzene	ND		ug/l	50	14.	20
1,2,4-Trichlorobenzene	ND		ug/l	50	14.	20
1,3,5-Trimethylbenzene	24	J	ug/l	50	14.	20
1,2,4-Trimethylbenzene	72		ug/l	50	14.	20
1,4-Dioxane	ND		ug/l	5000	1200	20
p-Diethylbenzene	ND		ug/l	40	14.	20
p-Ethyltoluene	46		ug/l	40	14.	20
1,2,4,5-Tetramethylbenzene	ND		ug/l	40	11.	20
Ethyl ether	ND		ug/l	50	14.	20
trans-1,4-Dichloro-2-butene	ND		ug/l	50	14.	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	106		70-130

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

SAMPLE RESULTS

Lab ID: L2566292-05 D
Client ID: J-MW204_102025
Sample Location: QUEENS, NY

Date Collected: 10/20/25 13:50
Date Received: 10/20/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 10/26/25 13:47
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	50	14.	20
1,1-Dichloroethane	ND		ug/l	50	14.	20
Chloroform	ND		ug/l	50	14.	20
Carbon tetrachloride	ND		ug/l	10	2.7	20
1,2-Dichloropropane	ND		ug/l	20	2.7	20
Dibromochloromethane	ND		ug/l	10	3.0	20
1,1,2-Trichloroethane	ND		ug/l	30	10.	20
Tetrachloroethene	ND		ug/l	10	3.6	20
Chlorobenzene	ND		ug/l	50	14.	20
Trichlorofluoromethane	ND		ug/l	50	14.	20
1,2-Dichloroethane	ND		ug/l	10	2.6	20
1,1,1-Trichloroethane	ND		ug/l	50	14.	20
Bromodichloromethane	ND		ug/l	10	3.8	20
trans-1,3-Dichloropropene	ND		ug/l	10	3.3	20
cis-1,3-Dichloropropene	ND		ug/l	10	2.9	20
1,3-Dichloropropene, Total	ND		ug/l	10	2.9	20
1,1-Dichloropropene	ND		ug/l	50	14.	20
Bromoform	ND		ug/l	40	13.	20
1,1,2,2-Tetrachloroethane	ND		ug/l	10	3.3	20
Benzene	27		ug/l	10	3.2	20
Toluene	48	J	ug/l	50	14.	20
Ethylbenzene	29	J	ug/l	50	14.	20
Chloromethane	ND		ug/l	50	14.	20
Bromomethane	ND		ug/l	50	14.	20
Vinyl chloride	ND		ug/l	20	1.4	20
Chloroethane	ND		ug/l	50	14.	20
1,1-Dichloroethene	ND		ug/l	10	3.4	20
trans-1,2-Dichloroethene	ND		ug/l	50	14.	20

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

SAMPLE RESULTS

Lab ID: L2566292-05 D Date Collected: 10/20/25 13:50

Client ID: J-MW204_102025 Date Received: 10/20/25

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	10	3.5	20
1,2-Dichlorobenzene	ND		ug/l	50	14.	20
1,3-Dichlorobenzene	ND		ug/l	50	14.	20
1,4-Dichlorobenzene	ND		ug/l	50	14.	20
Methyl tert butyl ether	85		ug/l	50	3.3	20
p/m-Xylene	88		ug/l	50	14.	20
o-Xylene	48	J	ug/l	50	14.	20
Xylenes, Total	140	J	ug/l	50	14.	20
cis-1,2-Dichloroethene	ND		ug/l	50	14.	20
1,2-Dichloroethene, Total	ND		ug/l	50	14.	20
Dibromomethane	ND		ug/l	100	20.	20
1,2,3-Trichloropropane	ND		ug/l	50	14.	20
Acrylonitrile	ND		ug/l	100	30.	20
Styrene	ND		ug/l	50	14.	20
Dichlorodifluoromethane	ND		ug/l	100	20.	20
Acetone	310		ug/l	100	29.	20
Carbon disulfide	ND		ug/l	100	20.	20
2-Butanone	ND		ug/l	100	39.	20
Vinyl acetate	ND		ug/l	100	20.	20
4-Methyl-2-pentanone	26	J	ug/l	100	20.	20
2-Hexanone	ND		ug/l	100	20.	20
Bromochloromethane	ND		ug/l	50	14.	20
2,2-Dichloropropane	ND		ug/l	50	14.	20
1,2-Dibromoethane	ND		ug/l	40	13.	20
1,3-Dichloropropane	ND		ug/l	50	14.	20
1,1,1,2-Tetrachloroethane	ND		ug/l	50	14.	20
Bromobenzene	ND		ug/l	50	14.	20
n-Butylbenzene	ND		ug/l	50	14.	20
sec-Butylbenzene	ND		ug/l	50	14.	20
tert-Butylbenzene	ND		ug/l	50	14.	20
o-Chlorotoluene	ND		ug/l	50	14.	20
p-Chlorotoluene	ND		ug/l	50	14.	20
1,2-Dibromo-3-chloropropane	ND		ug/l	50	14.	20
Hexachlorobutadiene	ND		ug/l	50	14.	20
Isopropylbenzene	ND		ug/l	50	14.	20
p-Isopropyltoluene	ND		ug/l	50	14.	20
Naphthalene	ND		ug/l	50	14.	20

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

SAMPLE RESULTS

Lab ID: L2566292-05 D
Client ID: J-MW204_102025
Sample Location: QUEENS, NY

Date Collected: 10/20/25 13:50
Date Received: 10/20/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	50	14.	20
1,2,3-Trichlorobenzene	ND		ug/l	50	14.	20
1,2,4-Trichlorobenzene	ND		ug/l	50	14.	20
1,3,5-Trimethylbenzene	ND		ug/l	50	14.	20
1,2,4-Trimethylbenzene	34	J	ug/l	50	14.	20
1,4-Dioxane	ND		ug/l	5000	1200	20
p-Diethylbenzene	ND		ug/l	40	14.	20
p-Ethyltoluene	22	J	ug/l	40	14.	20
1,2,4,5-Tetramethylbenzene	ND		ug/l	40	11.	20
Ethyl ether	ND		ug/l	50	14.	20
trans-1,4-Dichloro-2-butene	ND		ug/l	50	14.	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	110		70-130

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

SAMPLE RESULTS

Lab ID: L2566292-06 D
Client ID: J-MW202_102025
Sample Location: QUEENS, NY

Date Collected: 10/20/25 11:30
Date Received: 10/20/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 10/26/25 14:13
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	50	14.	20
1,1-Dichloroethane	ND		ug/l	50	14.	20
Chloroform	ND		ug/l	50	14.	20
Carbon tetrachloride	ND		ug/l	10	2.7	20
1,2-Dichloropropane	ND		ug/l	20	2.7	20
Dibromochloromethane	ND		ug/l	10	3.0	20
1,1,2-Trichloroethane	ND		ug/l	30	10.	20
Tetrachloroethene	ND		ug/l	10	3.6	20
Chlorobenzene	ND		ug/l	50	14.	20
Trichlorofluoromethane	ND		ug/l	50	14.	20
1,2-Dichloroethane	ND		ug/l	10	2.6	20
1,1,1-Trichloroethane	ND		ug/l	50	14.	20
Bromodichloromethane	ND		ug/l	10	3.8	20
trans-1,3-Dichloropropene	ND		ug/l	10	3.3	20
cis-1,3-Dichloropropene	ND		ug/l	10	2.9	20
1,3-Dichloropropene, Total	ND		ug/l	10	2.9	20
1,1-Dichloropropene	ND		ug/l	50	14.	20
Bromoform	ND		ug/l	40	13.	20
1,1,2,2-Tetrachloroethane	ND		ug/l	10	3.3	20
Benzene	40		ug/l	10	3.2	20
Toluene	170		ug/l	50	14.	20
Ethylbenzene	42	J	ug/l	50	14.	20
Chloromethane	ND		ug/l	50	14.	20
Bromomethane	ND		ug/l	50	14.	20
Vinyl chloride	ND		ug/l	20	1.4	20
Chloroethane	ND		ug/l	50	14.	20
1,1-Dichloroethene	ND		ug/l	10	3.4	20
trans-1,2-Dichloroethene	ND		ug/l	50	14.	20

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

SAMPLE RESULTS

Lab ID: L2566292-06 D Date Collected: 10/20/25 11:30

Client ID: J-MW202_102025 Date Received: 10/20/25

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	10	3.5	20
1,2-Dichlorobenzene	ND		ug/l	50	14.	20
1,3-Dichlorobenzene	ND		ug/l	50	14.	20
1,4-Dichlorobenzene	ND		ug/l	50	14.	20
Methyl tert butyl ether	6.3	J	ug/l	50	3.3	20
p/m-Xylene	150		ug/l	50	14.	20
o-Xylene	80		ug/l	50	14.	20
Xylenes, Total	230		ug/l	50	14.	20
cis-1,2-Dichloroethene	ND		ug/l	50	14.	20
1,2-Dichloroethene, Total	ND		ug/l	50	14.	20
Dibromomethane	ND		ug/l	100	20.	20
1,2,3-Trichloropropane	ND		ug/l	50	14.	20
Acrylonitrile	ND		ug/l	100	30.	20
Styrene	ND		ug/l	50	14.	20
Dichlorodifluoromethane	ND		ug/l	100	20.	20
Acetone	520		ug/l	100	29.	20
Carbon disulfide	ND		ug/l	100	20.	20
2-Butanone	89	J	ug/l	100	39.	20
Vinyl acetate	ND		ug/l	100	20.	20
4-Methyl-2-pentanone	110		ug/l	100	20.	20
2-Hexanone	ND		ug/l	100	20.	20
Bromochloromethane	ND		ug/l	50	14.	20
2,2-Dichloropropane	ND		ug/l	50	14.	20
1,2-Dibromoethane	ND		ug/l	40	13.	20
1,3-Dichloropropane	ND		ug/l	50	14.	20
1,1,1,2-Tetrachloroethane	ND		ug/l	50	14.	20
Bromobenzene	ND		ug/l	50	14.	20
n-Butylbenzene	ND		ug/l	50	14.	20
sec-Butylbenzene	ND		ug/l	50	14.	20
tert-Butylbenzene	ND		ug/l	50	14.	20
o-Chlorotoluene	ND		ug/l	50	14.	20
p-Chlorotoluene	ND		ug/l	50	14.	20
1,2-Dibromo-3-chloropropane	ND		ug/l	50	14.	20
Hexachlorobutadiene	ND		ug/l	50	14.	20
Isopropylbenzene	ND		ug/l	50	14.	20
p-Isopropyltoluene	ND		ug/l	50	14.	20
Naphthalene	17	J	ug/l	50	14.	20

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

SAMPLE RESULTS

Lab ID: L2566292-06 D
Client ID: J-MW202_102025
Sample Location: QUEENS, NY

Date Collected: 10/20/25 11:30
Date Received: 10/20/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	50	14.	20
1,2,3-Trichlorobenzene	ND		ug/l	50	14.	20
1,2,4-Trichlorobenzene	ND		ug/l	50	14.	20
1,3,5-Trimethylbenzene	19	J	ug/l	50	14.	20
1,2,4-Trimethylbenzene	52		ug/l	50	14.	20
1,4-Dioxane	ND		ug/l	5000	1200	20
p-Diethylbenzene	ND		ug/l	40	14.	20
p-Ethyltoluene	40		ug/l	40	14.	20
1,2,4,5-Tetramethylbenzene	ND		ug/l	40	11.	20
Ethyl ether	ND		ug/l	50	14.	20
trans-1,4-Dichloro-2-butene	ND		ug/l	50	14.	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	109		70-130

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

SAMPLE RESULTS

Lab ID: L2566292-07 Date Collected: 10/20/25 15:20
Client ID: GWFB01_102025 Date Received: 10/20/25
Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 10/26/25 14:38
Analyst: MJV

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

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

SAMPLE RESULTS

Lab ID: L2566292-07 Date Collected: 10/20/25 15:20

Client ID: GWFB01_102025 Date Received: 10/20/25

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

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

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

SAMPLE RESULTS

Lab ID: L2566292-07 Date Collected: 10/20/25 15:20

Client ID: GWFB01_102025 Date Received: 10/20/25

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	114		70-130

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

SAMPLE RESULTS

Lab ID: L2566292-08 Date Collected: 10/20/25 00:00
Client ID: TB01_102025 Date Received: 10/20/25
Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 10/27/25 16:34
Analyst: MJV

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

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

SAMPLE RESULTS

Lab ID: L2566292-08 Date Collected: 10/20/25 00:00

Client ID: TB01_102025 Date Received: 10/20/25

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

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

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

SAMPLE RESULTS

Lab ID: L2566292-08 Date Collected: 10/20/25 00:00

Client ID: TB01_102025 Date Received: 10/20/25

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	101		70-130

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/26/25 10:49
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG2133136-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/26/25 10:49
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG2133136-5					
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/26/25 10:49
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG2133136-5					
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/26/25 10:49
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG2133136-5					
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	115		70-130

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/27/25 16:12
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 08 Batch: WG2133668-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/27/25 16:12
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 08 Batch: WG2133668-5					
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/27/25 16:12
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 08 Batch: WG2133668-5					
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/27/25 16:12
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 08 Batch: WG2133668-5					
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	104		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: WILLETS POINT DEVELOPMENT OU-2
Project Number: 170197605
Lab Number: L2566292
Report Date: 10/28/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG2133136-3 WG2133136-4								
Methylene chloride	110		100		70-130	10		20
1,1-Dichloroethane	120		120		70-130	0		20
Chloroform	110		100		70-130	10		20
Carbon tetrachloride	110		100		63-132	10		20
1,2-Dichloropropane	120		110		70-130	9		20
Dibromochloromethane	100		110		63-130	10		20
1,1,2-Trichloroethane	96		99		70-130	3		20
Tetrachloroethene	97		98		70-130	1		20
Chlorobenzene	110		100		75-130	10		20
Trichlorofluoromethane	80		77		62-150	4		20
1,2-Dichloroethane	120		110		70-130	9		20
1,1,1-Trichloroethane	110		100		67-130	10		20
Bromodichloromethane	100		100		67-130	0		20
trans-1,3-Dichloropropene	95		96		70-130	1		20
cis-1,3-Dichloropropene	98		94		70-130	4		20
1,1-Dichloropropene	94		91		70-130	3		20
Bromoform	95		93		54-136	2		20
1,1,2,2-Tetrachloroethane	100		99		67-130	1		20
Benzene	100		100		70-130	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: WILLETS POINT DEVELOPMENT OU-2
Project Number: 170197605
Lab Number: L2566292
Report Date: 10/28/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG2133136-3 WG2133136-4								
Toluene	93		96		70-130	3		20
Ethylbenzene	93		92		70-130	1		20
Chloromethane	110		100		64-130	10		20
Bromomethane	51		55		39-139	8		20
Vinyl chloride	97		95		55-140	2		20
Chloroethane	85		81		55-138	5		20
1,1-Dichloroethene	79		74		61-145	7		20
trans-1,2-Dichloroethene	110		100		70-130	10		20
Trichloroethene	110		100		70-130	10		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	100		110		70-130	10		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	90		88		63-130	2		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	100		95		70-130	5		20
cis-1,2-Dichloroethene	110		100		70-130	10		20
Dibromomethane	110		100		70-130	10		20
1,2,3-Trichloropropane	93		91		64-130	2		20
Acrylonitrile	130		120		70-130	8		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: WILLETS POINT DEVELOPMENT OU-2
Project Number: 170197605
Lab Number: L2566292
Report Date: 10/28/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG2133136-3 WG2133136-4								
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	100		98		36-147	2		20
Acetone	140		130		58-148	7		20
Carbon disulfide	78		73		51-130	7		20
2-Butanone	130		130		63-138	0		20
Vinyl acetate	130		120		70-130	8		20
4-Methyl-2-pentanone	90		90		59-130	0		20
2-Hexanone	94		90		57-130	4		20
Bromochloromethane	130		130		70-130	0		20
2,2-Dichloropropane	110		100		63-133	10		20
1,2-Dibromoethane	100		100		70-130	0		20
1,3-Dichloropropane	100		100		70-130	0		20
1,1,1,2-Tetrachloroethane	110		110		64-130	0		20
Bromobenzene	100		100		70-130	0		20
n-Butylbenzene	85		85		53-136	0		20
sec-Butylbenzene	88		91		70-130	3		20
tert-Butylbenzene	90		92		70-130	2		20
o-Chlorotoluene	96		100		70-130	4		20
p-Chlorotoluene	96		95		70-130	1		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: WILLETS POINT DEVELOPMENT OU-2
Project Number: 170197605

Lab Number: L2566292
Report Date: 10/28/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG2133136-3 WG2133136-4								
1,2-Dibromo-3-chloropropane	98		95		41-144	3		20
Hexachlorobutadiene	110		110		63-130	0		20
Isopropylbenzene	88		88		70-130	0		20
p-Isopropyltoluene	91		93		70-130	2		20
Naphthalene	94		97		70-130	3		20
n-Propylbenzene	87		89		69-130	2		20
1,2,3-Trichlorobenzene	110		110		70-130	0		20
1,2,4-Trichlorobenzene	100		100		70-130	0		20
1,3,5-Trimethylbenzene	90		93		64-130	3		20
1,2,4-Trimethylbenzene	91		93		70-130	2		20
1,4-Dioxane	92		94		56-162	2		20
p-Diethylbenzene	88		90		70-130	2		20
p-Ethyltoluene	93		96		70-130	3		20
1,2,4,5-Tetramethylbenzene	87		87		70-130	0		20
Ethyl ether	78		78		59-134	0		20
trans-1,4-Dichloro-2-butene	110		110		70-130	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: WILLETS POINT DEVELOPMENT OU-2
Project Number: 170197605

Lab Number: L2566292
Report Date: 10/28/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG2133136-3 WG2133136-4								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	112		110		70-130
Toluene-d8	93		96		70-130
4-Bromofluorobenzene	93		92		70-130
Dibromofluoromethane	108		107		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: WILLETS POINT DEVELOPMENT OU-2
Project Number: 170197605
Lab Number: L2566292
Report Date: 10/28/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 08 Batch: WG2133668-3 WG2133668-4								
Methylene chloride	100		110		70-130	10		20
1,1-Dichloroethane	100		120		70-130	18		20
Chloroform	100		120		70-130	18		20
Carbon tetrachloride	110		120		63-132	9		20
1,2-Dichloropropane	100		110		70-130	10		20
Dibromochloromethane	100		110		63-130	10		20
1,1,2-Trichloroethane	100		120		70-130	18		20
Tetrachloroethene	110		120		70-130	9		20
Chlorobenzene	110		120		75-130	9		20
Trichlorofluoromethane	100		120		62-150	18		20
1,2-Dichloroethane	100		110		70-130	10		20
1,1,1-Trichloroethane	100		120		67-130	18		20
Bromodichloromethane	100		110		67-130	10		20
trans-1,3-Dichloropropene	100		120		70-130	18		20
cis-1,3-Dichloropropene	100		120		70-130	18		20
1,1-Dichloropropene	100		120		70-130	18		20
Bromoform	97		110		54-136	13		20
1,1,2,2-Tetrachloroethane	98		110		67-130	12		20
Benzene	100		110		70-130	10		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: WILLETS POINT DEVELOPMENT OU-2
Project Number: 170197605
Lab Number: L2566292
Report Date: 10/28/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 08 Batch: WG2133668-3 WG2133668-4								
Toluene	100		120		70-130	18		20
Ethylbenzene	110		120		70-130	9		20
Chloromethane	100		110		64-130	10		20
Bromomethane	100		110		39-139	10		20
Vinyl chloride	100		110		55-140	10		20
Chloroethane	100		110		55-138	10		20
1,1-Dichloroethene	100		120		61-145	18		20
trans-1,2-Dichloroethene	100		120		70-130	18		20
Trichloroethene	110		120		70-130	9		20
1,2-Dichlorobenzene	100		120		70-130	18		20
1,3-Dichlorobenzene	100		120		70-130	18		20
1,4-Dichlorobenzene	100		120		70-130	18		20
Methyl tert butyl ether	100		110		63-130	10		20
p/m-Xylene	110		125		70-130	13		20
o-Xylene	110		120		70-130	9		20
cis-1,2-Dichloroethene	100		120		70-130	18		20
Dibromomethane	100		110		70-130	10		20
1,2,3-Trichloropropane	97		110		64-130	13		20
Acrylonitrile	100		110		70-130	10		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: WILLETS POINT DEVELOPMENT OU-2
Project Number: 170197605
Lab Number: L2566292
Report Date: 10/28/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 08 Batch: WG2133668-3 WG2133668-4								
Styrene	105		115		70-130	9		20
Dichlorodifluoromethane	100		110		36-147	10		20
Acetone	82		88		58-148	7		20
Carbon disulfide	100		120		51-130	18		20
2-Butanone	92		98		63-138	6		20
Vinyl acetate	110		120		70-130	9		20
4-Methyl-2-pentanone	96		110		59-130	14		20
2-Hexanone	92		100		57-130	8		20
Bromochloromethane	110		120		70-130	9		20
2,2-Dichloropropane	110		120		63-133	9		20
1,2-Dibromoethane	100		110		70-130	10		20
1,3-Dichloropropane	100		110		70-130	10		20
1,1,1,2-Tetrachloroethane	100		120		64-130	18		20
Bromobenzene	100		110		70-130	10		20
n-Butylbenzene	110		120		53-136	9		20
sec-Butylbenzene	110		120		70-130	9		20
tert-Butylbenzene	100		120		70-130	18		20
o-Chlorotoluene	100		120		70-130	18		20
p-Chlorotoluene	100		110		70-130	10		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: WILLETS POINT DEVELOPMENT OU-2
Project Number: 170197605

Lab Number: L2566292
Report Date: 10/28/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 08 Batch: WG2133668-3 WG2133668-4								
1,2-Dibromo-3-chloropropane	93		100		41-144	7		20
Hexachlorobutadiene	110		130		63-130	17		20
Isopropylbenzene	100		120		70-130	18		20
p-Isopropyltoluene	110		120		70-130	9		20
Naphthalene	100		110		70-130	10		20
n-Propylbenzene	100		120		69-130	18		20
1,2,3-Trichlorobenzene	100		120		70-130	18		20
1,2,4-Trichlorobenzene	100		120		70-130	18		20
1,3,5-Trimethylbenzene	100		120		64-130	18		20
1,2,4-Trimethylbenzene	100		120		70-130	18		20
1,4-Dioxane	100		106		56-162	6		20
p-Diethylbenzene	100		120		70-130	18		20
p-Ethyltoluene	100		120		70-130	18		20
1,2,4,5-Tetramethylbenzene	100		120		70-130	18		20
Ethyl ether	100		110		59-134	10		20
trans-1,4-Dichloro-2-butene	95		110		70-130	15		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: WILLETS POINT DEVELOPMENT OU-2
Project Number: 170197605

Lab Number: L2566292
Report Date: 10/28/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 08 Batch: WG2133668-3 WG2133668-4								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	97		97		70-130
Toluene-d8	98		99		70-130
4-Bromofluorobenzene	96		95		70-130
Dibromofluoromethane	103		102		70-130

SEMIVOLATILES

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

SAMPLE RESULTS

Lab ID: L2566292-01
Client ID: J-MW201_102025
Sample Location: QUEENS, NY

Date Collected: 10/20/25 10:25
Date Received: 10/20/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 10/25/25 13:17
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 10/24/25 18:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	0.98	J	ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

SAMPLE RESULTS

Lab ID: L2566292-01 Date Collected: 10/20/25 10:25

Client ID: J-MW201_102025 Date Received: 10/20/25

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	1.7	J	ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	110		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	18.		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	95.		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	4.3		ug/l	2.0	0.31	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		21-120
Phenol-d6	50		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	74		15-120
2,4,6-Tribromophenol	64		10-120
4-Terphenyl-d14	65		41-149

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

SAMPLE RESULTS

Lab ID: L2566292-01
Client ID: J-MW201_102025
Sample Location: QUEENS, NY

Date Collected: 10/20/25 10:25
Date Received: 10/20/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/27/25 10:14
Analyst: DMC

Extraction Method: EPA 3510C
Extraction Date: 10/25/25 18:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	11600		ng/l	300	33.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	36		15-110

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

SAMPLE RESULTS

Lab ID: L2566292-01
Client ID: J-MW201_102025
Sample Location: QUEENS, NY

Date Collected: 10/20/25 10:25
Date Received: 10/20/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/27/25 11:12
Analyst: MRG

Extraction Method: EPA 3510C
Extraction Date: 10/26/25 21:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	4.3		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.72		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	36		ug/l	0.10	0.02	1
Benzo(a)anthracene	0.55		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.11		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	0.13		ug/l	0.10	0.03	1
Chrysene	0.21		ug/l	0.10	0.03	1
Acenaphthylene	0.75		ug/l	0.10	0.02	1
Anthracene	2.8		ug/l	0.10	0.02	1
Benzo(ghi)perylene	0.09	J	ug/l	0.10	0.02	1
Fluorene	4.1		ug/l	0.10	0.03	1
Phenanthrene	4.6		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	0.07	J	ug/l	0.10	0.02	1
Pyrene	0.52		ug/l	0.10	0.04	1
2-Methylnaphthalene	96	E	ug/l	0.10	0.03	1
Pentachlorophenol	0.30	J	ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

SAMPLE RESULTS

Lab ID: L2566292-01 Date Collected: 10/20/25 10:25

Client ID: J-MW201_102025 Date Received: 10/20/25

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		21-120
Phenol-d6	44		10-120
Nitrobenzene-d5	98		23-120
2-Fluorobiphenyl	76		15-120
2,4,6-Tribromophenol	**123**	Q	10-120
4-Terphenyl-d14	70		41-149

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

SAMPLE RESULTS

Lab ID: L2566292-01 D
Client ID: J-MW201_102025
Sample Location: QUEENS, NY

Date Collected: 10/20/25 10:25
Date Received: 10/20/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/27/25 16:29
Analyst: MRG

Extraction Method: EPA 3510C
Extraction Date: 10/26/25 21:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
2-Methylnaphthalene	110		ug/l	0.50	0.14	5

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

SAMPLE RESULTS

Lab ID: L2566292-02
Client ID: J-MW203_102025
Sample Location: QUEENS, NY

Date Collected: 10/20/25 12:00
Date Received: 10/20/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 10/25/25 13:38
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 10/24/25 18:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	1.5	J	ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	1.2	J	ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

SAMPLE RESULTS

Lab ID: L2566292-02 Date Collected: 10/20/25 12:00

Client ID: J-MW203_102025 Date Received: 10/20/25

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	2.8	J	ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	3.0	J	ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	10.	J	ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		21-120
Phenol-d6	46		10-120
Nitrobenzene-d5	98		23-120
2-Fluorobiphenyl	74		15-120
2,4,6-Tribromophenol	80		10-120
4-Terphenyl-d14	60		41-149

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

SAMPLE RESULTS

Lab ID: L2566292-02
Client ID: J-MW203_102025
Sample Location: QUEENS, NY

Date Collected: 10/20/25 12:00
Date Received: 10/20/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/25/25 18:36
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 10/24/25 18:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Naphthalene	3.7		ug/l	0.10	0.02	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		21-120
Phenol-d6	49		10-120
Nitrobenzene-d5	119		23-120
2-Fluorobiphenyl	88		15-120
2,4,6-Tribromophenol	97		10-120
4-Terphenyl-d14	82		41-149

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

SAMPLE RESULTS

Lab ID: L2566292-02
Client ID: J-MW203_102025
Sample Location: QUEENS, NY

Date Collected: 10/20/25 12:00
Date Received: 10/20/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/27/25 10:35
Analyst: DMC

Extraction Method: EPA 3510C
Extraction Date: 10/25/25 18:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	2790		ng/l	278	31.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	34		15-110

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

SAMPLE RESULTS

Lab ID: L2566292-02 RE
Client ID: J-MW203_102025
Sample Location: QUEENS, NY

Date Collected: 10/20/25 12:00
Date Received: 10/20/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/27/25 11:30
Analyst: MRG

Extraction Method: EPA 3510C
Extraction Date: 10/26/25 21:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.92		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.23		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Benzo(a)anthracene	0.20		ug/l	0.10	0.03	1
Benzo(a)pyrene	0.04	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.05	J	ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	0.04	J	ug/l	0.10	0.03	1
Acenaphthylene	0.07	J	ug/l	0.10	0.02	1
Anthracene	0.37		ug/l	0.10	0.02	1
Benzo(ghi)perylene	0.03	J	ug/l	0.10	0.02	1
Fluorene	0.26		ug/l	0.10	0.03	1
Phenanthrene	0.27		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	0.02	J	ug/l	0.10	0.02	1
Pyrene	0.19		ug/l	0.10	0.04	1
2-Methylnaphthalene	1.1		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

SAMPLE RESULTS

Lab ID: L2566292-02 RE
Client ID: J-MW203_102025
Sample Location: QUEENS, NY

Date Collected: 10/20/25 12:00
Date Received: 10/20/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	43		21-120
Phenol-d6	40		10-120
Nitrobenzene-d5	96		23-120
2-Fluorobiphenyl	80		15-120
2,4,6-Tribromophenol	**122**	Q	10-120
4-Terphenyl-d14	78		41-149

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

SAMPLE RESULTS

Lab ID: L2566292-03
Client ID: J-MW118_102025
Sample Location: QUEENS, NY

Date Collected: 10/20/25 13:20
Date Received: 10/20/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 10/25/25 14:00
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 10/24/25 18:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	1.9	J	ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	1.4	J	ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

SAMPLE RESULTS

Lab ID: L2566292-03 Date Collected: 10/20/25 13:20

Client ID: J-MW118_102025 Date Received: 10/20/25

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	0.50	J	ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	4.8	J	ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	11.		ug/l	5.0	0.35	1
2-Methylphenol	5.6		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	48.		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	27.	J	ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	1.4	J	ug/l	2.0	0.31	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		21-120
Phenol-d6	41		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	63		15-120
2,4,6-Tribromophenol	71		10-120
4-Terphenyl-d14	50		41-149

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

SAMPLE RESULTS

Lab ID: L2566292-03
Client ID: J-MW118_102025
Sample Location: QUEENS, NY

Date Collected: 10/20/25 13:20
Date Received: 10/20/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/27/25 10:57
Analyst: DMC

Extraction Method: EPA 3510C
Extraction Date: 10/25/25 18:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	4590		ng/l	288	32.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	34		15-110

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

SAMPLE RESULTS

Lab ID: L2566292-03
Client ID: J-MW118_102025
Sample Location: QUEENS, NY

Date Collected: 10/20/25 13:20
Date Received: 10/20/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/27/25 11:48
Analyst: MRG

Extraction Method: EPA 3510C
Extraction Date: 10/26/25 21:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.78		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.45		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	66	E	ug/l	0.10	0.02	1
Benzo(a)anthracene	0.60		ug/l	0.10	0.03	1
Benzo(a)pyrene	0.06	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.09	J	ug/l	0.10	0.03	1
Benzo(k)fluoranthene	0.05	J	ug/l	0.10	0.03	1
Chrysene	0.08	J	ug/l	0.10	0.03	1
Acenaphthylene	0.11		ug/l	0.10	0.02	1
Anthracene	0.92		ug/l	0.10	0.02	1
Benzo(ghi)perylene	0.07	J	ug/l	0.10	0.02	1
Fluorene	0.98		ug/l	0.10	0.03	1
Phenanthrene	1.5		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	0.05	J	ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	0.07	J	ug/l	0.10	0.02	1
Pyrene	0.36		ug/l	0.10	0.04	1
2-Methylnaphthalene	22		ug/l	0.10	0.03	1
Pentachlorophenol	0.34	J	ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

SAMPLE RESULTS

Lab ID: L2566292-03 Date Collected: 10/20/25 13:20

Client ID: J-MW118_102025 Date Received: 10/20/25

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		21-120
Phenol-d6	41		10-120
Nitrobenzene-d5	100		23-120
2-Fluorobiphenyl	76		15-120
2,4,6-Tribromophenol	120		10-120
4-Terphenyl-d14	73		41-149

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

SAMPLE RESULTS

Lab ID: L2566292-03 D
Client ID: J-MW118_102025
Sample Location: QUEENS, NY

Date Collected: 10/20/25 13:20
Date Received: 10/20/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/27/25 16:46
Analyst: MRG

Extraction Method: EPA 3510C
Extraction Date: 10/26/25 21:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Naphthalene	75		ug/l	0.50	0.12	5

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

SAMPLE RESULTS

Lab ID: L2566292-04
Client ID: J-MW205_102025
Sample Location: QUEENS, NY

Date Collected: 10/20/25 14:45
Date Received: 10/20/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/27/25 11:19
Analyst: DMC

Extraction Method: EPA 3510C
Extraction Date: 10/25/25 18:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	10000		ng/l	268	30.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	35		15-110

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

SAMPLE RESULTS

Lab ID: L2566292-04
Client ID: J-MW205_102025
Sample Location: QUEENS, NY

Date Collected: 10/20/25 14:45
Date Received: 10/20/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/27/25 12:06
Analyst: MRG

Extraction Method: EPA 3510C
Extraction Date: 10/26/25 21:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	2.0		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.62		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	30		ug/l	0.10	0.02	1
Benzo(a)anthracene	2.2		ug/l	0.10	0.03	1
Benzo(a)pyrene	0.12		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.18		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	0.05	J	ug/l	0.10	0.03	1
Chrysene	0.19		ug/l	0.10	0.03	1
Acenaphthylene	0.20		ug/l	0.10	0.02	1
Anthracene	3.3		ug/l	0.10	0.02	1
Benzo(ghi)perylene	0.08	J	ug/l	0.10	0.02	1
Fluorene	1.1		ug/l	0.10	0.03	1
Phenanthrene	1.9		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	0.53		ug/l	0.10	0.04	1
2-Methylnaphthalene	11		ug/l	0.10	0.03	1
Pentachlorophenol	3.6		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

SAMPLE RESULTS

Lab ID: L2566292-04 Date Collected: 10/20/25 14:45

Client ID: J-MW205_102025 Date Received: 10/20/25

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		21-120
Phenol-d6	47		10-120
Nitrobenzene-d5	110		23-120
2-Fluorobiphenyl	74		15-120
2,4,6-Tribromophenol	**124**	Q	10-120
4-Terphenyl-d14	67		41-149

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

SAMPLE RESULTS

Lab ID: L2566292-04 D
Client ID: J-MW205_102025
Sample Location: QUEENS, NY

Date Collected: 10/20/25 14:45
Date Received: 10/20/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 10/26/25 12:30
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 10/24/25 18:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	25	4.9	5
Bis(2-chloroethyl)ether	ND		ug/l	10	2.0	5
1,2-Dichlorobenzene	ND		ug/l	10	1.6	5
1,3-Dichlorobenzene	ND		ug/l	10	1.6	5
1,4-Dichlorobenzene	ND		ug/l	10	2.0	5
3,3'-Dichlorobenzidine	ND		ug/l	25	9.2	5
2,4-Dinitrotoluene	ND		ug/l	25	2.7	5
2,6-Dinitrotoluene	ND		ug/l	25	4.2	5
4-Chlorophenyl phenyl ether	ND		ug/l	10	1.9	5
4-Bromophenyl phenyl ether	ND		ug/l	10	1.2	5
Bis(2-chloroisopropyl)ether	ND		ug/l	10	2.0	5
Bis(2-chloroethoxy)methane	ND		ug/l	25	4.2	5
Hexachlorocyclopentadiene	ND		ug/l	100	6.2	5
Isophorone	ND		ug/l	25	4.3	5
Nitrobenzene	ND		ug/l	10	1.0	5
NDPA/DPA	ND		ug/l	10	4.6	5
n-Nitrosodi-n-propylamine	ND		ug/l	25	4.5	5
Bis(2-ethylhexyl)phthalate	ND		ug/l	15	7.1	5
Butyl benzyl phthalate	ND		ug/l	25	13.	5
Di-n-butylphthalate	ND		ug/l	25	4.8	5
Di-n-octylphthalate	ND		ug/l	25	11.	5
Diethyl phthalate	ND		ug/l	25	3.8	5
Dimethyl phthalate	ND		ug/l	25	4.6	5
Biphenyl	ND		ug/l	10	0.98	5
4-Chloroaniline	ND		ug/l	25	2.3	5
2-Nitroaniline	ND		ug/l	25	5.2	5
3-Nitroaniline	ND		ug/l	25	5.8	5
4-Nitroaniline	ND		ug/l	25	7.2	5

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

SAMPLE RESULTS

Lab ID: L2566292-04 D
Client ID: J-MW205_102025
Sample Location: QUEENS, NY

Date Collected: 10/20/25 14:45
Date Received: 10/20/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	10	2.0	5
1,2,4,5-Tetrachlorobenzene	ND		ug/l	50	1.2	5
Acetophenone	ND		ug/l	25	4.6	5
2,4,6-Trichlorophenol	ND		ug/l	25	10.	5
p-Chloro-m-cresol	ND		ug/l	10	3.0	5
2-Chlorophenol	ND		ug/l	10	3.3	5
2,4-Dichlorophenol	ND		ug/l	25	8.5	5
2,4-Dimethylphenol	29.		ug/l	25	10.	5
2-Nitrophenol	ND		ug/l	50	9.8	5
4-Nitrophenol	ND		ug/l	50	7.1	5
2,4-Dinitrophenol	ND		ug/l	100	27.	5
4,6-Dinitro-o-cresol	ND		ug/l	50	12.	5
Phenol	130		ug/l	25	1.8	5
2-Methylphenol	18.	J	ug/l	25	12.	5
3-Methylphenol/4-Methylphenol	190		ug/l	25	7.0	5
2,4,5-Trichlorophenol	ND		ug/l	25	10.	5
Benzoic Acid	57.	J	ug/l	250	13.	5
Benzyl Alcohol	ND		ug/l	10	1.9	5
Carbazole	4.2	J	ug/l	10	1.5	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		21-120
Phenol-d6	41		10-120
Nitrobenzene-d5	94		23-120
2-Fluorobiphenyl	84		15-120
2,4,6-Tribromophenol	86		10-120
4-Terphenyl-d14	100		41-149

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

SAMPLE RESULTS

Lab ID: L2566292-05
Client ID: J-MW204_102025
Sample Location: QUEENS, NY

Date Collected: 10/20/25 13:50
Date Received: 10/20/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/27/25 11:41
Analyst: DMC

Extraction Method: EPA 3510C
Extraction Date: 10/25/25 18:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	5670		ng/l	288	32.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	33		15-110

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

SAMPLE RESULTS

Lab ID: L2566292-05
Client ID: J-MW204_102025
Sample Location: QUEENS, NY

Date Collected: 10/20/25 13:50
Date Received: 10/20/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/27/25 12:23
Analyst: MRG

Extraction Method: EPA 3510C
Extraction Date: 10/26/25 21:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.64		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.54		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	10		ug/l	0.10	0.02	1
Benzo(a)anthracene	0.95		ug/l	0.10	0.03	1
Benzo(a)pyrene	0.26		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.31		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	0.10		ug/l	0.10	0.03	1
Chrysene	0.20		ug/l	0.10	0.03	1
Acenaphthylene	0.25		ug/l	0.10	0.02	1
Anthracene	2.1		ug/l	0.10	0.02	1
Benzo(ghi)perylene	0.18		ug/l	0.10	0.02	1
Fluorene	0.36		ug/l	0.10	0.03	1
Phenanthrene	0.82		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	0.17		ug/l	0.10	0.02	1
Pyrene	0.48		ug/l	0.10	0.04	1
2-Methylnaphthalene	3.8		ug/l	0.10	0.03	1
Pentachlorophenol	0.44	J	ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

SAMPLE RESULTS

Lab ID: L2566292-05 Date Collected: 10/20/25 13:50

Client ID: J-MW204_102025 Date Received: 10/20/25

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	41		21-120
Phenol-d6	39		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	55		15-120
2,4,6-Tribromophenol	89		10-120
4-Terphenyl-d14	52		41-149

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

SAMPLE RESULTS

Lab ID: L2566292-05 D
Client ID: J-MW204_102025
Sample Location: QUEENS, NY

Date Collected: 10/20/25 13:50
Date Received: 10/20/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 10/26/25 12:52
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 10/24/25 18:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	25	4.9	5
Bis(2-chloroethyl)ether	ND		ug/l	10	2.0	5
1,2-Dichlorobenzene	ND		ug/l	10	1.6	5
1,3-Dichlorobenzene	ND		ug/l	10	1.6	5
1,4-Dichlorobenzene	ND		ug/l	10	2.0	5
3,3'-Dichlorobenzidine	ND		ug/l	25	9.2	5
2,4-Dinitrotoluene	ND		ug/l	25	2.7	5
2,6-Dinitrotoluene	ND		ug/l	25	4.2	5
4-Chlorophenyl phenyl ether	ND		ug/l	10	1.9	5
4-Bromophenyl phenyl ether	ND		ug/l	10	1.2	5
Bis(2-chloroisopropyl)ether	ND		ug/l	10	2.0	5
Bis(2-chloroethoxy)methane	ND		ug/l	25	4.2	5
Hexachlorocyclopentadiene	ND		ug/l	100	6.2	5
Isophorone	ND		ug/l	25	4.3	5
Nitrobenzene	ND		ug/l	10	1.0	5
NDPA/DPA	ND		ug/l	10	4.6	5
n-Nitrosodi-n-propylamine	ND		ug/l	25	4.5	5
Bis(2-ethylhexyl)phthalate	ND		ug/l	15	7.1	5
Butyl benzyl phthalate	ND		ug/l	25	13.	5
Di-n-butylphthalate	ND		ug/l	25	4.8	5
Di-n-octylphthalate	ND		ug/l	25	11.	5
Diethyl phthalate	ND		ug/l	25	3.8	5
Dimethyl phthalate	ND		ug/l	25	4.6	5
Biphenyl	ND		ug/l	10	0.98	5
4-Chloroaniline	ND		ug/l	25	2.3	5
2-Nitroaniline	ND		ug/l	25	5.2	5
3-Nitroaniline	ND		ug/l	25	5.8	5
4-Nitroaniline	ND		ug/l	25	7.2	5

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

SAMPLE RESULTS

Lab ID: L2566292-05 D
Client ID: J-MW204_102025
Sample Location: QUEENS, NY

Date Collected: 10/20/25 13:50
Date Received: 10/20/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	10	2.0	5
1,2,4,5-Tetrachlorobenzene	ND		ug/l	50	1.2	5
Acetophenone	ND		ug/l	25	4.6	5
2,4,6-Trichlorophenol	ND		ug/l	25	10.	5
p-Chloro-m-cresol	ND		ug/l	10	3.0	5
2-Chlorophenol	ND		ug/l	10	3.3	5
2,4-Dichlorophenol	ND		ug/l	25	8.5	5
2,4-Dimethylphenol	34.		ug/l	25	10.	5
2-Nitrophenol	ND		ug/l	50	9.8	5
4-Nitrophenol	ND		ug/l	50	7.1	5
2,4-Dinitrophenol	ND		ug/l	100	27.	5
4,6-Dinitro-o-cresol	ND		ug/l	50	12.	5
Phenol	50.		ug/l	25	1.8	5
2-Methylphenol	21.	J	ug/l	25	12.	5
3-Methylphenol/4-Methylphenol	130		ug/l	25	7.0	5
2,4,5-Trichlorophenol	ND		ug/l	25	10.	5
Benzoic Acid	320		ug/l	250	13.	5
Benzyl Alcohol	ND		ug/l	10	1.9	5
Carbazole	ND		ug/l	10	1.5	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		21-120
Phenol-d6	57		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	80		15-120
2,4,6-Tribromophenol	102		10-120
4-Terphenyl-d14	90		41-149

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

SAMPLE RESULTS

Lab ID: L2566292-06
Client ID: J-MW202_102025
Sample Location: QUEENS, NY

Date Collected: 10/20/25 11:30
Date Received: 10/20/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/27/25 12:03
Analyst: DMC

Extraction Method: EPA 3510C
Extraction Date: 10/25/25 18:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	10100		ng/l	294	33.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	35		15-110

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

SAMPLE RESULTS

Lab ID: L2566292-06 D
Client ID: J-MW202_102025
Sample Location: QUEENS, NY

Date Collected: 10/20/25 11:30
Date Received: 10/20/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 10/26/25 13:15
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 10/24/25 18:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	25	4.9	5
Bis(2-chloroethyl)ether	ND		ug/l	10	2.0	5
1,2-Dichlorobenzene	ND		ug/l	10	1.6	5
1,3-Dichlorobenzene	ND		ug/l	10	1.6	5
1,4-Dichlorobenzene	ND		ug/l	10	2.0	5
3,3'-Dichlorobenzidine	ND		ug/l	25	9.2	5
2,4-Dinitrotoluene	ND		ug/l	25	2.7	5
2,6-Dinitrotoluene	ND		ug/l	25	4.2	5
4-Chlorophenyl phenyl ether	ND		ug/l	10	1.9	5
4-Bromophenyl phenyl ether	ND		ug/l	10	1.2	5
Bis(2-chloroisopropyl)ether	ND		ug/l	10	2.0	5
Bis(2-chloroethoxy)methane	ND		ug/l	25	4.2	5
Hexachlorocyclopentadiene	ND		ug/l	100	6.2	5
Isophorone	ND		ug/l	25	4.3	5
Nitrobenzene	ND		ug/l	10	1.0	5
NDPA/DPA	ND		ug/l	10	4.6	5
n-Nitrosodi-n-propylamine	ND		ug/l	25	4.5	5
Bis(2-ethylhexyl)phthalate	ND		ug/l	15	7.1	5
Butyl benzyl phthalate	ND		ug/l	25	13.	5
Di-n-butylphthalate	ND		ug/l	25	4.8	5
Di-n-octylphthalate	ND		ug/l	25	11.	5
Diethyl phthalate	ND		ug/l	25	3.8	5
Dimethyl phthalate	ND		ug/l	25	4.6	5
Biphenyl	ND		ug/l	10	0.98	5
4-Chloroaniline	ND		ug/l	25	2.3	5
2-Nitroaniline	ND		ug/l	25	5.2	5
3-Nitroaniline	ND		ug/l	25	5.8	5
4-Nitroaniline	ND		ug/l	25	7.2	5

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

SAMPLE RESULTS

Lab ID: L2566292-06 D
Client ID: J-MW202_102025
Sample Location: QUEENS, NY

Date Collected: 10/20/25 11:30
Date Received: 10/20/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	10	2.0	5
1,2,4,5-Tetrachlorobenzene	ND		ug/l	50	1.2	5
Acetophenone	ND		ug/l	25	4.6	5
2,4,6-Trichlorophenol	ND		ug/l	25	10.	5
p-Chloro-m-cresol	ND		ug/l	10	3.0	5
2-Chlorophenol	ND		ug/l	10	3.3	5
2,4-Dichlorophenol	ND		ug/l	25	8.5	5
2,4-Dimethylphenol	67.		ug/l	25	10.	5
2-Nitrophenol	ND		ug/l	50	9.8	5
4-Nitrophenol	ND		ug/l	50	7.1	5
2,4-Dinitrophenol	ND		ug/l	100	27.	5
4,6-Dinitro-o-cresol	ND		ug/l	50	12.	5
Phenol	94.		ug/l	25	1.8	5
2-Methylphenol	40.		ug/l	25	12.	5
3-Methylphenol/4-Methylphenol	240		ug/l	25	7.0	5
2,4,5-Trichlorophenol	ND		ug/l	25	10.	5
Benzoic Acid	2400		ug/l	250	13.	5
Benzyl Alcohol	16.		ug/l	10	1.9	5
Carbazole	ND		ug/l	10	1.5	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		21-120
Phenol-d6	83		10-120
Nitrobenzene-d5	**170**	Q	23-120
2-Fluorobiphenyl	110		15-120
2,4,6-Tribromophenol	**138**	Q	10-120
4-Terphenyl-d14	130		41-149

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

SAMPLE RESULTS

Lab ID: L2566292-06 D
Client ID: J-MW202_102025
Sample Location: QUEENS, NY

Date Collected: 10/20/25 11:30
Date Received: 10/20/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/27/25 17:04
Analyst: MRG

Extraction Method: EPA 3510C
Extraction Date: 10/26/25 21:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	1.0	0.24	10
2-Chloronaphthalene	ND		ug/l	2.0	0.23	10
Fluoranthene	2.7		ug/l	1.0	0.27	10
Hexachlorobutadiene	ND		ug/l	5.0	0.20	10
Naphthalene	14		ug/l	1.0	0.24	10
Benzo(a)anthracene	1.8		ug/l	1.0	0.30	10
Benzo(a)pyrene	0.84	J	ug/l	1.0	0.24	10
Benzo(b)fluoranthene	1.1		ug/l	1.0	0.27	10
Benzo(k)fluoranthene	ND		ug/l	1.0	0.34	10
Chrysene	0.95	J	ug/l	1.0	0.31	10
Acenaphthylene	0.79	J	ug/l	1.0	0.20	10
Anthracene	5.0		ug/l	1.0	0.24	10
Benzo(ghi)perylene	0.60	J	ug/l	1.0	0.24	10
Fluorene	1.6		ug/l	1.0	0.26	10
Phenanthrene	3.3		ug/l	1.0	0.39	10
Dibenzo(a,h)anthracene	ND		ug/l	1.0	0.24	10
Indeno(1,2,3-cd)pyrene	0.62	J	ug/l	1.0	0.22	10
Pyrene	2.6		ug/l	1.0	0.42	10
2-Methylnaphthalene	6.5		ug/l	1.0	0.28	10
Pentachlorophenol	ND		ug/l	8.0	0.56	10
Hexachlorobenzene	ND		ug/l	8.0	0.13	10
Hexachloroethane	ND		ug/l	8.0	0.22	10

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

SAMPLE RESULTS

Lab ID: L2566292-06 D
Client ID: J-MW202_102025
Sample Location: QUEENS, NY

Date Collected: 10/20/25 11:30
Date Received: 10/20/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		21-120
Phenol-d6	61		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	83		15-120
2,4,6-Tribromophenol	**123**	Q	10-120
4-Terphenyl-d14	78		41-149

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

SAMPLE RESULTS

Lab ID: L2566292-07
Client ID: GWFB01_102025
Sample Location: QUEENS, NY

Date Collected: 10/20/25 15:20
Date Received: 10/20/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 10/25/25 15:26
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 10/24/25 18:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	1.1	J	ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

SAMPLE RESULTS

Lab ID: L2566292-07 Date Collected: 10/20/25 15:20

Client ID: GWFB01_102025 Date Received: 10/20/25

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	0.51	J	ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	18.	J	ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		21-120
Phenol-d6	47		10-120
Nitrobenzene-d5	97		23-120
2-Fluorobiphenyl	79		15-120
2,4,6-Tribromophenol	81		10-120
4-Terphenyl-d14	62		41-149

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

SAMPLE RESULTS

Lab ID: L2566292-07
Client ID: GWFB01_102025
Sample Location: QUEENS, NY

Date Collected: 10/20/25 15:20
Date Received: 10/20/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/25/25 22:41
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 10/24/25 18:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

SAMPLE RESULTS

Lab ID: L2566292-07 Date Collected: 10/20/25 15:20

Client ID: GWFB01_102025 Date Received: 10/20/25

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		21-120
Phenol-d6	54		10-120
Nitrobenzene-d5	**122**	Q	23-120
2-Fluorobiphenyl	95		15-120
2,4,6-Tribromophenol	**128**	Q	10-120
4-Terphenyl-d14	87		41-149

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

SAMPLE RESULTS

Lab ID: L2566292-07
Client ID: GWFB01_102025
Sample Location: QUEENS, NY

Date Collected: 10/20/25 15:20
Date Received: 10/20/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/27/25 12:25
Analyst: DMC

Extraction Method: EPA 3510C
Extraction Date: 10/25/25 18:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	288	32.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	32		15-110

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/25/25 12:12
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 10/24/25 18:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG2132501-1					
Acenaphthene	ND		ug/l	2.0	0.40
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98
Hexachlorobenzene	ND		ug/l	2.0	0.45
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39
2-Chloronaphthalene	ND		ug/l	2.0	0.35
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84
Fluoranthene	ND		ug/l	2.0	0.41
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84
Hexachlorobutadiene	ND		ug/l	2.0	0.36
Hexachlorocyclopentadiene	ND		ug/l	20	1.2
Hexachloroethane	ND		ug/l	2.0	0.20
Isophorone	ND		ug/l	5.0	0.86
Naphthalene	ND		ug/l	2.0	0.54
Nitrobenzene	ND		ug/l	2.0	0.20
NDPA/DPA	ND		ug/l	2.0	0.92
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/25/25 12:12
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 10/24/25 18:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG2132501-1					
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4
Butyl benzyl phthalate	ND		ug/l	5.0	2.6
Di-n-butylphthalate	ND		ug/l	5.0	0.96
Di-n-octylphthalate	ND		ug/l	5.0	2.3
Diethyl phthalate	ND		ug/l	5.0	0.76
Dimethyl phthalate	ND		ug/l	5.0	0.92
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.37
Benzo(b)fluoranthene	ND		ug/l	2.0	0.53
Benzo(k)fluoranthene	ND		ug/l	2.0	0.62
Chrysene	ND		ug/l	2.0	0.22
Acenaphthylene	ND		ug/l	2.0	0.32
Anthracene	ND		ug/l	2.0	0.47
Benzo(ghi)perylene	ND		ug/l	2.0	0.37
Fluorene	ND		ug/l	2.0	0.44
Phenanthrene	ND		ug/l	2.0	0.42
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.29
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.48
Pyrene	ND		ug/l	2.0	0.41
Biphenyl	ND		ug/l	2.0	0.20
4-Chloroaniline	ND		ug/l	5.0	0.47
2-Nitroaniline	ND		ug/l	5.0	1.0
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.4

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/25/25 12:12
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 10/24/25 18:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG2132501-1					
Dibenzofuran	ND		ug/l	2.0	0.40
2-Methylnaphthalene	ND		ug/l	2.0	0.37
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24
Acetophenone	ND		ug/l	5.0	0.92
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61
2-Chlorophenol	ND		ug/l	2.0	0.65
2,4-Dichlorophenol	ND		ug/l	5.0	1.7
2,4-Dimethylphenol	ND		ug/l	5.0	2.0
2-Nitrophenol	ND		ug/l	10	2.0
4-Nitrophenol	ND		ug/l	10	1.4
2,4-Dinitrophenol	ND		ug/l	20	5.4
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3
Pentachlorophenol	ND		ug/l	10	2.5
Phenol	ND		ug/l	5.0	0.35
2-Methylphenol	ND		ug/l	5.0	2.3
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.38
Carbazole	ND		ug/l	2.0	0.31

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/25/25 12:12
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 10/24/25 18:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG2132501-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		21-120
Phenol-d6	42		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	68		15-120
2,4,6-Tribromophenol	60		10-120
4-Terphenyl-d14	50		41-149

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 10/25/25 17:25
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 10/24/25 18:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 02,07 Batch: WG2132502-1					
Acenaphthene	ND		ug/l	0.10	0.02
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	0.20		ug/l	0.10	0.03
Hexachlorobutadiene	ND		ug/l	0.50	0.02
Naphthalene	ND		ug/l	0.10	0.02
Benzo(a)anthracene	0.09	J	ug/l	0.10	0.03
Benzo(a)pyrene	0.20		ug/l	0.10	0.02
Benzo(b)fluoranthene	0.06	J	ug/l	0.10	0.03
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03
Chrysene	0.07	J	ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	0.06	J	ug/l	0.10	0.02
Benzo(ghi)perylene	ND		ug/l	0.10	0.02
Fluorene	0.04	J	ug/l	0.10	0.03
Phenanthrene	0.19		ug/l	0.10	0.04
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02
Pyrene	0.13		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.03
Pentachlorophenol	ND		ug/l	0.80	0.06
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.02

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 10/25/25 17:25
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 10/24/25 18:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 02,07 Batch: WG2132502-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		21-120
Phenol-d6	53		10-120
Nitrobenzene-d5	115		23-120
2-Fluorobiphenyl	92		15-120
2,4,6-Tribromophenol	**130**	Q	10-120
4-Terphenyl-d14	88		41-149

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 10/27/25 09:09
Analyst: DMC

Extraction Method: EPA 3510C
Extraction Date: 10/25/25 18:25

Parameter	Result	Qualifier	Units	RL	MDL
1,4 Dioxane by 8270E-SIM - Mansfield Lab for sample(s): 01-07 Batch: WG2132740-1					
1,4-Dioxane	ND		ng/l	300	33.9

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	30		15-110

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 10/27/25 10:55
Analyst: MRG

Extraction Method: EPA 3510C
Extraction Date: 10/26/25 21:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-06 Batch: WG2132982-1					
Acenaphthene	ND		ug/l	0.10	0.02
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.03
Hexachlorobutadiene	ND		ug/l	0.50	0.02
Naphthalene	0.31		ug/l	0.10	0.02
Benzo(a)anthracene	0.03	J	ug/l	0.10	0.03
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03
Chrysene	ND		ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	ND		ug/l	0.10	0.02
Benzo(ghi)perylene	ND		ug/l	0.10	0.02
Fluorene	ND		ug/l	0.10	0.03
Phenanthrene	ND		ug/l	0.10	0.04
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	0.04	J	ug/l	0.10	0.03
Pentachlorophenol	ND		ug/l	0.80	0.06
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.02

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 10/27/25 10:55
Analyst: MRG

Extraction Method: EPA 3510C
Extraction Date: 10/26/25 21:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-06 Batch: WG2132982-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	47		21-120
Phenol-d6	43		10-120
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	77		15-120
2,4,6-Tribromophenol	116		10-120
4-Terphenyl-d14	81		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: WILLETS POINT DEVELOPMENT OU-2
Project Number: 170197605
Lab Number: L2566292
Report Date: 10/28/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG2132501-2 WG2132501-3								
Acenaphthene	65		64		37-111	2		30
1,2,4-Trichlorobenzene	61		55		39-98	10		30
Hexachlorobenzene	67		68		40-140	1		30
Bis(2-chloroethyl)ether	74		67		40-140	10		30
2-Chloronaphthalene	65		61		40-140	6		30
1,2-Dichlorobenzene	61		57		40-140	7		30
1,3-Dichlorobenzene	58		55		40-140	5		30
1,4-Dichlorobenzene	59		54		36-97	9		30
3,3'-Dichlorobenzidine	76		74		40-140	3		30
2,4-Dinitrotoluene	80		75		48-143	6		30
2,6-Dinitrotoluene	82		74		40-140	10		30
Fluoranthene	67		69		40-140	3		30
4-Chlorophenyl phenyl ether	70		62		40-140	12		30
4-Bromophenyl phenyl ether	69		63		40-140	9		30
Bis(2-chloroisopropyl)ether	57		51		40-140	11		30
Bis(2-chloroethoxy)methane	77		69		40-140	11		30
Hexachlorobutadiene	61		59		40-140	3		30
Hexachlorocyclopentadiene	44		42		40-140	5		30
Hexachloroethane	64		56		40-140	13		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: WILLETS POINT DEVELOPMENT OU-2
Project Number: 170197605
Lab Number: L2566292
Report Date: 10/28/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG2132501-2 WG2132501-3								
Isophorone	85		75		40-140	13		30
Naphthalene	63		60		40-140	5		30
Nitrobenzene	83		75		40-140	10		30
NDPA/DPA	71		67		40-140	6		30
n-Nitrosodi-n-propylamine	93		79		29-132	16		30
Bis(2-ethylhexyl)phthalate	105		88		40-140	18		30
Butyl benzyl phthalate	76		75		40-140	1		30
Di-n-butylphthalate	86		79		40-140	8		30
Di-n-octylphthalate	95		87		40-140	9		30
Diethyl phthalate	77		73		40-140	5		30
Dimethyl phthalate	77		68		40-140	12		30
Benzo(a)anthracene	81		78		40-140	4		30
Benzo(a)pyrene	76		81		40-140	6		30
Benzo(b)fluoranthene	79		82		40-140	4		30
Benzo(k)fluoranthene	68		73		40-140	7		30
Chrysene	78		73		40-140	7		30
Acenaphthylene	72		65		45-123	10		30
Anthracene	69		66		40-140	4		30
Benzo(ghi)perylene	79		72		40-140	9		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: WILLETS POINT DEVELOPMENT OU-2
Project Number: 170197605

Lab Number: L2566292
Report Date: 10/28/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG2132501-2 WG2132501-3								
Fluorene	68		65		40-140	5		30
Phenanthrene	66		66		40-140	0		30
Dibenzo(a,h)anthracene	79		75		40-140	5		30
Indeno(1,2,3-cd)pyrene	82		78		40-140	5		30
Pyrene	62		65		26-127	5		30
Biphenyl	65		59		40-140	10		30
4-Chloroaniline	63		66		40-140	5		30
2-Nitroaniline	83		76		52-143	9		30
3-Nitroaniline	65		61		25-145	6		30
4-Nitroaniline	69		65		51-143	6		30
Dibenzofuran	66		64		40-140	3		30
2-Methylnaphthalene	65		62		40-140	5		30
1,2,4,5-Tetrachlorobenzene	65		61		2-134	6		30
Acetophenone	75		66		39-129	13		30
2,4,6-Trichlorophenol	90		77		30-130	16		30
p-Chloro-m-cresol	83		73		23-97	13		30
2-Chlorophenol	72		63		27-123	13		30
2,4-Dichlorophenol	78		66		30-130	17		30
2,4-Dimethylphenol	78		69		30-130	12		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: WILLETS POINT DEVELOPMENT OU-2
Project Number: 170197605

Lab Number: L2566292
Report Date: 10/28/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG2132501-2 WG2132501-3								
2-Nitrophenol	83		73		30-130	13		30
4-Nitrophenol	58		65		10-80	11		30
2,4-Dinitrophenol	**18**	Q	32		20-130	**56**	Q	30
4,6-Dinitro-o-cresol	39		48		20-164	21		30
Pentachlorophenol	61		73		9-103	18		30
Phenol	53		46		12-110	14		30
2-Methylphenol	76		65		30-130	16		30
3-Methylphenol/4-Methylphenol	74		65		30-130	13		30
2,4,5-Trichlorophenol	84		77		30-130	9		30
Benzoic Acid	69		76		10-164	10		30
Benzyl Alcohol	76		68		26-116	11		30
Carbazole	68		66		55-144	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: WILLETS POINT DEVELOPMENT OU-2
Project Number: 170197605

Lab Number: L2566292
Report Date: 10/28/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG2132501-2 WG2132501-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	60		53		21-120
Phenol-d6	51		45		10-120
Nitrobenzene-d5	94		79		23-120
2-Fluorobiphenyl	76		63		15-120
2,4,6-Tribromophenol	74		69		10-120
4-Terphenyl-d14	60		57		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: WILLETS POINT DEVELOPMENT OU-2
Project Number: 170197605
Lab Number: L2566292
Report Date: 10/28/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 02,07 Batch: WG2132502-2 WG2132502-3								
Acenaphthene	84		80		40-140	5		40
2-Chloronaphthalene	85		82		40-140	4		40
Fluoranthene	96		94		40-140	2		40
Hexachlorobutadiene	70		67		40-140	4		40
Naphthalene	75		72		40-140	4		40
Benzo(a)anthracene	93		88		40-140	6		40
Benzo(a)pyrene	103		98		40-140	5		40
Benzo(b)fluoranthene	102		94		40-140	8		40
Benzo(k)fluoranthene	97		95		40-140	2		40
Chrysene	101		95		40-140	6		40
Acenaphthylene	93		89		40-140	4		40
Anthracene	94		90		40-140	4		40
Benzo(ghi)perylene	97		91		40-140	6		40
Fluorene	87		82		40-140	6		40
Phenanthrene	81		77		40-140	5		40
Dibenzo(a,h)anthracene	110		102		40-140	8		40
Indeno(1,2,3-cd)pyrene	108		102		40-140	6		40
Pyrene	96		94		40-140	2		40
2-Methylnaphthalene	82		79		40-140	4		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: WILLETS POINT DEVELOPMENT OU-2
Project Number: 170197605
Lab Number: L2566292
Report Date: 10/28/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 02,07 Batch: WG2132502-2 WG2132502-3								
Pentachlorophenol	129		126		40-140	2		40
Hexachlorobenzene	92		88		40-140	4		40
Hexachloroethane	75		72		40-140	4		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	55		48		21-120
Phenol-d6	55		51		10-120
Nitrobenzene-d5	116		107		23-120
2-Fluorobiphenyl	89		81		15-120
2,4,6-Tribromophenol	**140**	Q	**129**	Q	10-120
4-Terphenyl-d14	91		83		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: WILLETS POINT DEVELOPMENT OU-2
Project Number: 170197605

Lab Number: L2566292
Report Date: 10/28/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
1,4 Dioxane by 8270E-SIM - Mansfield Lab	Associated sample(s): 01-07		Batch: WG2132740-2		WG2132740-3			
1,4-Dioxane	130		125		40-140	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,4-Dioxane-d8	31		35		15-110

Lab Control Sample Analysis
Batch Quality Control

Project Name: WILLETS POINT DEVELOPMENT OU-2
Project Number: 170197605
Lab Number: L2566292
Report Date: 10/28/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-06 Batch: WG2132982-2 WG2132982-3								
Acenaphthene	74		76		40-140	3		40
2-Chloronaphthalene	74		78		40-140	5		40
Fluoranthene	82		79		40-140	4		40
Hexachlorobutadiene	60		66		40-140	10		40
Naphthalene	62		66		40-140	6		40
Benzo(a)anthracene	78		77		40-140	1		40
Benzo(a)pyrene	85		84		40-140	1		40
Benzo(b)fluoranthene	79		80		40-140	1		40
Benzo(k)fluoranthene	81		81		40-140	0		40
Chrysene	81		80		40-140	1		40
Acenaphthylene	81		84		40-140	4		40
Anthracene	82		82		40-140	0		40
Benzo(ghi)perylene	81		77		40-140	5		40
Fluorene	78		80		40-140	3		40
Phenanthrene	72		72		40-140	0		40
Dibenzo(a,h)anthracene	91		87		40-140	4		40
Indeno(1,2,3-cd)pyrene	91		86		40-140	6		40
Pyrene	82		80		40-140	2		40
2-Methylnaphthalene	70		74		40-140	6		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: WILLETS POINT DEVELOPMENT OU-2
Project Number: 170197605
Lab Number: L2566292
Report Date: 10/28/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-06 Batch: WG2132982-2 WG2132982-3								
Pentachlorophenol	99		99		40-140	0		40
Hexachlorobenzene	82		82		40-140	0		40
Hexachloroethane	58		64		40-140	10		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	45		47		21-120
Phenol-d6	40		43		10-120
Nitrobenzene-d5	88		91		23-120
2-Fluorobiphenyl	71		73		15-120
2,4,6-Tribromophenol	115		117		10-120
4-Terphenyl-d14	73		69		41-149

Project Name: WILLETS POINT DEVELOPMENT OU-2
Project Number: 170197605

Lab Number: L2566292
Report Date: 10/28/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2566292-01A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2566292-01B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2566292-01C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2566292-01D	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2566292-01E	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2566292-01F	Amber 250ml unpreserved	NA	NA			Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2566292-01G	Amber 250ml unpreserved	NA	NA			Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2566292-02A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2566292-02B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2566292-02C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2566292-02D	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2566292-02E	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2566292-02F	Amber 250ml unpreserved	NA	NA			Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2566292-02G	Amber 250ml unpreserved	NA	NA			Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2566292-03A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2566292-03B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2566292-03C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2566292-03D	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2566292-03E	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2566292-03F	Amber 250ml unpreserved	NA	NA			Y	Absent		A2-1,4-DIOXANE-SIM(7)

*Values in parentheses indicate holding time in days

Project Name: WILLETS POINT DEVELOPMENT OU-2
Project Number: 170197605

Lab Number: L2566292
Report Date: 10/28/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2566292-03G	Amber 250ml unpreserved	NA	NA			Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2566292-04A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2566292-04B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2566292-04C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2566292-04D	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2566292-04E	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2566292-04F	Amber 250ml unpreserved	NA	NA			Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2566292-04G	Amber 250ml unpreserved	NA	NA			Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2566292-05A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2566292-05B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2566292-05C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2566292-05D	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2566292-05E	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2566292-05F	Amber 250ml unpreserved	NA	NA			Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2566292-05G	Amber 250ml unpreserved	NA	NA			Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2566292-06A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2566292-06B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2566292-06C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2566292-06D	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2566292-06E	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2566292-06F	Amber 250ml unpreserved	NA	NA			Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2566292-06G	Amber 250ml unpreserved	NA	NA			Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2566292-07A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2566292-07B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2566292-07C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name: WILLETS POINT DEVELOPMENT OU-2
Project Number: 170197605

Lab Number: L2566292
Report Date: 10/28/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2566292-07D	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2566292-07E	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2566292-07F	Amber 250ml unpreserved	NA	NA			Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2566292-07G	Amber 250ml unpreserved	NA	NA			Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2566292-08A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2566292-08B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	WILLETS POINT DEVELOPMENT OU-2	**Lab Number:**	L2566292
Project Number:	170197605	**Report Date:**	10/28/25

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: DU Report with 'J' Qualifiers

Project Name:	WILLETS POINT DEVELOPMENT OU-2	**Lab Number:**	L2566292
Project Number:	170197605	**Report Date:**	10/28/25

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. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were

Report Format: DU Report with 'J' Qualifiers

Project Name:	WILLETS POINT DEVELOPMENT OU-2	**Lab Number:**	L2566292
Project Number:	170197605	**Report Date:**	10/28/25

Data Qualifiers

estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566292

Project Number: 170197605 **Report Date:** 10/28/25

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

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, SM4500CL-G, 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.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY kY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (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
MA M-MA00030, CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 85084, 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, LA 245052, 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.

NEW YORK CHAIN OF CUSTODY

L2566292
LANGAN – NYC

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab 10/21/25

Client Information
Client: Langan
Address: 368 9th Ave 8th Flor
NY, NY 10001
Phone: 212-479-5400
Fax:
Email: eburgess@langan.com

Project Information
Project Name: Willets Point Development OU-2
Project Location: Queens NY
Project #: 170197605
(Use Project name as Project #) ☐
Project Manager: Beth Burgess
ALPHAQuote #: 26213

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information
☐ Same as Client Info
PO #

Regulatory Requirement
☒ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
cc: datamanagement@langan.com / nblvestore@langan.com

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Total Bottle

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOCs	TCL SVOCs	1,4-Dioxane	Part 375/TCL VOCs	Sample Specific Comments
L6292-01	J-MW201_102025	10-2-25	10:25	AQ	SM	X	X	X		
02	J-MW203_102025		12:00		SM	X	X	X		
03	J-MW118_102025		13:20		SM	X	X	X		
04	J-MW205_102025		14:45		SM	X	X	X		
05	J-MW204_102025		13:50		AF	X	X	X		
06	J-MW202_102025		11:30		AF	X	X	X		
07	GWFB01_102025		15:20		SM	X	X	X		
08	TB01_102025		lab		lab				X	

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
	16:20 10-20-25		10/20/25 17:20
	10/20/25 19:15		10/20 22a
	10/21 230		10/21/25 0230

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

Sample Delivery Group Summary

Pace Job Number : L2566292
Received : 20-OCT-2025
Reviewer : Monique Irving

Account Name : Langan Engineering & Environmental
Project Number : 170197605
Project Name : WILLETS POINT DEVELOPMENT OU-2

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	4.9	

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**NA**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NO**

ANALYTICAL REPORT

Lab Number:	L2566293
Client:	Langan Engineering & Environmental 21 Penn Plaza 360 W. 31st Street, 8th Floor New York, NY 10001-2727
ATTN:	Elizabeth Burgess
Phone:	(212) 479-5499
Project Name:	WILLETS POINT DEVELOPMENT OU-1
Project Number:	170197605
Report Date:	10/28/25

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

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

Project Name: WILLETS POINT DEVELOPMENT OU-1
Project Number: 170197605

Lab Number: L2566293
Report Date: 10/28/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2566293-01	C-MW206_102025	WATER	QUEENS, NY	10/20/25 15:40	10/20/25

Project Name:	WILLETS POINT DEVELOPMENT OU-1	**Lab Number:**	L2566293
Project Number:	170197605	**Report Date:**	10/28/25

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:	WILLETS POINT DEVELOPMENT OU-1	**Lab Number:**	L2566293
Project Number:	170197605	**Report Date:**	10/28/25

Case Narrative (continued)

Report Submission

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

Volatile Organics

L2566293-01D: The sample has elevated detection limits due to the dilution required by the sample matrix (foam).

Semivolatile Organics by SIM

The WG2132982-1 Method Blank associated with L2566293-01 has a concentration above the reporting limit for Naphthalene. Since the associated sample concentration is either greater than 10x the blank concentration or non-detect to the RL for this target analyte, no corrective action is required. Any result detected below the reporting limit is qualified with a "B".

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: Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative Date: 10/28/25

ORGANICS

VOLATILES

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566293

Project Number: 170197605 **Report Date:** 10/28/25

SAMPLE RESULTS

Lab ID: L2566293-01 D
Client ID: C-MW206_102025
Sample Location: QUEENS, NY

Date Collected: 10/20/25 15:40
Date Received: 10/20/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 10/26/25 15:03
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	12	3.5	5
1,1-Dichloroethane	ND		ug/l	12	3.5	5
Chloroform	ND		ug/l	12	3.5	5
Carbon tetrachloride	ND		ug/l	2.5	0.67	5
1,2-Dichloropropane	1.1	J	ug/l	5.0	0.68	5
Dibromochloromethane	ND		ug/l	2.5	0.74	5
1,1,2-Trichloroethane	ND		ug/l	7.5	2.5	5
Tetrachloroethene	ND		ug/l	2.5	0.90	5
Chlorobenzene	ND		ug/l	12	3.5	5
Trichlorofluoromethane	ND		ug/l	12	3.5	5
1,2-Dichloroethane	1.6	J	ug/l	2.5	0.66	5
1,1,1-Trichloroethane	ND		ug/l	12	3.5	5
Bromodichloromethane	ND		ug/l	2.5	0.96	5
trans-1,3-Dichloropropene	ND		ug/l	2.5	0.82	5
cis-1,3-Dichloropropene	ND		ug/l	2.5	0.72	5
1,3-Dichloropropene, Total	ND		ug/l	2.5	0.72	5
1,1-Dichloropropene	ND		ug/l	12	3.5	5
Bromoform	ND		ug/l	10	3.2	5
1,1,2,2-Tetrachloroethane	ND		ug/l	2.5	0.84	5
Benzene	130		ug/l	2.5	0.80	5
Toluene	ND		ug/l	12	3.5	5
Ethylbenzene	100		ug/l	12	3.5	5
Chloromethane	ND		ug/l	12	3.5	5
Bromomethane	ND		ug/l	12	3.5	5
Vinyl chloride	ND		ug/l	5.0	0.36	5
Chloroethane	ND		ug/l	12	3.5	5
1,1-Dichloroethene	ND		ug/l	2.5	0.84	5
trans-1,2-Dichloroethene	ND		ug/l	12	3.5	5

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566293

Project Number: 170197605 **Report Date:** 10/28/25

SAMPLE RESULTS

Lab ID: L2566293-01 D Date Collected: 10/20/25 15:40

Client ID: C-MW206_102025 Date Received: 10/20/25

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	2.5	0.88	5
1,2-Dichlorobenzene	ND		ug/l	12	3.5	5
1,3-Dichlorobenzene	ND		ug/l	12	3.5	5
1,4-Dichlorobenzene	ND		ug/l	12	3.5	5
Methyl tert butyl ether	180		ug/l	12	0.83	5
p/m-Xylene	21		ug/l	12	3.5	5
o-Xylene	ND		ug/l	12	3.5	5
Xylenes, Total	21		ug/l	12	3.5	5
cis-1,2-Dichloroethene	ND		ug/l	12	3.5	5
1,2-Dichloroethene, Total	ND		ug/l	12	3.5	5
Dibromomethane	ND		ug/l	25	5.0	5
1,2,3-Trichloropropane	ND		ug/l	12	3.5	5
Acrylonitrile	ND		ug/l	25	7.5	5
Styrene	ND		ug/l	12	3.5	5
Dichlorodifluoromethane	ND		ug/l	25	5.0	5
Acetone	20	J	ug/l	25	7.3	5
Carbon disulfide	ND		ug/l	25	5.0	5
2-Butanone	ND		ug/l	25	9.7	5
Vinyl acetate	ND		ug/l	25	5.0	5
4-Methyl-2-pentanone	ND		ug/l	25	5.0	5
2-Hexanone	ND		ug/l	25	5.0	5
Bromochloromethane	ND		ug/l	12	3.5	5
2,2-Dichloropropane	ND		ug/l	12	3.5	5
1,2-Dibromoethane	ND		ug/l	10	3.2	5
1,3-Dichloropropane	ND		ug/l	12	3.5	5
1,1,1,2-Tetrachloroethane	ND		ug/l	12	3.5	5
Bromobenzene	ND		ug/l	12	3.5	5
n-Butylbenzene	ND		ug/l	12	3.5	5
sec-Butylbenzene	ND		ug/l	12	3.5	5
tert-Butylbenzene	ND		ug/l	12	3.5	5
o-Chlorotoluene	ND		ug/l	12	3.5	5
p-Chlorotoluene	ND		ug/l	12	3.5	5
1,2-Dibromo-3-chloropropane	ND		ug/l	12	3.5	5
Hexachlorobutadiene	ND		ug/l	12	3.5	5
Isopropylbenzene	5.6	J	ug/l	12	3.5	5
p-Isopropyltoluene	ND		ug/l	12	3.5	5
Naphthalene	68		ug/l	12	3.5	5

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566293

Project Number: 170197605 **Report Date:** 10/28/25

SAMPLE RESULTS

Lab ID: L2566293-01 D Date Collected: 10/20/25 15:40

Client ID: C-MW206_102025 Date Received: 10/20/25

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	17		ug/l	12	3.5	5
1,2,3-Trichlorobenzene	ND		ug/l	12	3.5	5
1,2,4-Trichlorobenzene	ND		ug/l	12	3.5	5
1,3,5-Trimethylbenzene	ND		ug/l	12	3.5	5
1,2,4-Trimethylbenzene	78		ug/l	12	3.5	5
1,4-Dioxane	ND		ug/l	1200	300	5
p-Diethylbenzene	ND		ug/l	10	3.5	5
p-Ethyltoluene	14		ug/l	10	3.5	5
1,2,4,5-Tetramethylbenzene	9.3	J	ug/l	10	2.7	5
Ethyl ether	ND		ug/l	12	3.5	5
trans-1,4-Dichloro-2-butene	ND		ug/l	12	3.5	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	104		70-130

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566293

Project Number: 170197605 **Report Date:** 10/28/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/26/25 10:49
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG2133136-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566293

Project Number: 170197605 **Report Date:** 10/28/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/26/25 10:49
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG2133136-5					
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566293

Project Number: 170197605 **Report Date:** 10/28/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/26/25 10:49
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG2133136-5					
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566293

Project Number: 170197605 **Report Date:** 10/28/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/26/25 10:49
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG2133136-5					
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	115		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: WILLETS POINT DEVELOPMENT OU-1
Project Number: 170197605

Lab Number: L2566293
Report Date: 10/28/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG2133136-3 WG2133136-4								
Methylene chloride	110		100		70-130	10		20
1,1-Dichloroethane	120		120		70-130	0		20
Chloroform	110		100		70-130	10		20
Carbon tetrachloride	110		100		63-132	10		20
1,2-Dichloropropane	120		110		70-130	9		20
Dibromochloromethane	100		110		63-130	10		20
1,1,2-Trichloroethane	96		99		70-130	3		20
Tetrachloroethene	97		98		70-130	1		20
Chlorobenzene	110		100		75-130	10		20
Trichlorofluoromethane	80		77		62-150	4		20
1,2-Dichloroethane	120		110		70-130	9		20
1,1,1-Trichloroethane	110		100		67-130	10		20
Bromodichloromethane	100		100		67-130	0		20
trans-1,3-Dichloropropene	95		96		70-130	1		20
cis-1,3-Dichloropropene	98		94		70-130	4		20
1,1-Dichloropropene	94		91		70-130	3		20
Bromoform	95		93		54-136	2		20
1,1,2,2-Tetrachloroethane	100		99		67-130	1		20
Benzene	100		100		70-130	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: WILLETS POINT DEVELOPMENT OU-1
Project Number: 170197605

Lab Number: L2566293
Report Date: 10/28/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG2133136-3 WG2133136-4								
Toluene	93		96		70-130	3		20
Ethylbenzene	93		92		70-130	1		20
Chloromethane	110		100		64-130	10		20
Bromomethane	51		55		39-139	8		20
Vinyl chloride	97		95		55-140	2		20
Chloroethane	85		81		55-138	5		20
1,1-Dichloroethene	79		74		61-145	7		20
trans-1,2-Dichloroethene	110		100		70-130	10		20
Trichloroethene	110		100		70-130	10		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	100		110		70-130	10		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	90		88		63-130	2		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	100		95		70-130	5		20
cis-1,2-Dichloroethene	110		100		70-130	10		20
Dibromomethane	110		100		70-130	10		20
1,2,3-Trichloropropane	93		91		64-130	2		20
Acrylonitrile	130		120		70-130	8		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: WILLETS POINT DEVELOPMENT OU-1
Project Number: 170197605

Lab Number: L2566293
Report Date: 10/28/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG2133136-3 WG2133136-4								
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	100		98		36-147	2		20
Acetone	140		130		58-148	7		20
Carbon disulfide	78		73		51-130	7		20
2-Butanone	130		130		63-138	0		20
Vinyl acetate	130		120		70-130	8		20
4-Methyl-2-pentanone	90		90		59-130	0		20
2-Hexanone	94		90		57-130	4		20
Bromochloromethane	130		130		70-130	0		20
2,2-Dichloropropane	110		100		63-133	10		20
1,2-Dibromoethane	100		100		70-130	0		20
1,3-Dichloropropane	100		100		70-130	0		20
1,1,1,2-Tetrachloroethane	110		110		64-130	0		20
Bromobenzene	100		100		70-130	0		20
n-Butylbenzene	85		85		53-136	0		20
sec-Butylbenzene	88		91		70-130	3		20
tert-Butylbenzene	90		92		70-130	2		20
o-Chlorotoluene	96		100		70-130	4		20
p-Chlorotoluene	96		95		70-130	1		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: WILLETS POINT DEVELOPMENT OU-1
Project Number: 170197605

Lab Number: L2566293
Report Date: 10/28/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG2133136-3 WG2133136-4								
1,2-Dibromo-3-chloropropane	98		95		41-144	3		20
Hexachlorobutadiene	110		110		63-130	0		20
Isopropylbenzene	88		88		70-130	0		20
p-Isopropyltoluene	91		93		70-130	2		20
Naphthalene	94		97		70-130	3		20
n-Propylbenzene	87		89		69-130	2		20
1,2,3-Trichlorobenzene	110		110		70-130	0		20
1,2,4-Trichlorobenzene	100		100		70-130	0		20
1,3,5-Trimethylbenzene	90		93		64-130	3		20
1,2,4-Trimethylbenzene	91		93		70-130	2		20
1,4-Dioxane	92		94		56-162	2		20
p-Diethylbenzene	88		90		70-130	2		20
p-Ethyltoluene	93		96		70-130	3		20
1,2,4,5-Tetramethylbenzene	87		87		70-130	0		20
Ethyl ether	78		78		59-134	0		20
trans-1,4-Dichloro-2-butene	110		110		70-130	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: WILLETS POINT DEVELOPMENT OU-1
Project Number: 170197605

Lab Number: L2566293
Report Date: 10/28/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG2133136-3 WG2133136-4								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	112		110		70-130
Toluene-d8	93		96		70-130
4-Bromofluorobenzene	93		92		70-130
Dibromofluoromethane	108		107		70-130

SEMIVOLATILES

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566293

Project Number: 170197605 **Report Date:** 10/28/25

SAMPLE RESULTS

Lab ID: L2566293-01
Client ID: C-MW206_102025
Sample Location: QUEENS, NY

Date Collected: 10/20/25 15:40
Date Received: 10/20/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 10/25/25 17:57
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 10/24/25 18:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	1.6	J	ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	3.8	J	ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	0.59	J	ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566293

Project Number: 170197605 **Report Date:** 10/28/25

SAMPLE RESULTS

Lab ID: L2566293-01 Date Collected: 10/20/25 15:40

Client ID: C-MW206_102025 Date Received: 10/20/25

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	5.7		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	10.		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	2.6	J	ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	1.8	J	ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		21-120
Phenol-d6	57		10-120
Nitrobenzene-d5	100		23-120
2-Fluorobiphenyl	86		15-120
2,4,6-Tribromophenol	68		10-120
4-Terphenyl-d14	80		41-149

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566293

Project Number: 170197605 **Report Date:** 10/28/25

SAMPLE RESULTS

Lab ID: L2566293-01
Client ID: C-MW206_102025
Sample Location: QUEENS, NY

Date Collected: 10/20/25 15:40
Date Received: 10/20/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/27/25 12:47
Analyst: DMC

Extraction Method: EPA 3510C
Extraction Date: 10/25/25 18:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	11900		ng/l	288	32.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	42		15-110

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566293

Project Number: 170197605 **Report Date:** 10/28/25

SAMPLE RESULTS

Lab ID: L2566293-01
Client ID: C-MW206_102025
Sample Location: QUEENS, NY

Date Collected: 10/20/25 15:40
Date Received: 10/20/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/27/25 12:59
Analyst: MRG

Extraction Method: EPA 3510C
Extraction Date: 10/26/25 21:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.38		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.17		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	34		ug/l	0.10	0.02	1
Benzo(a)anthracene	0.57		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.08	J	ug/l	0.10	0.03	1
Benzo(k)fluoranthene	0.07	J	ug/l	0.10	0.03	1
Chrysene	0.07	J	ug/l	0.10	0.03	1
Acenaphthylene	0.10		ug/l	0.10	0.02	1
Anthracene	1.2		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	0.29		ug/l	0.10	0.03	1
Phenanthrene	0.67		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	0.16		ug/l	0.10	0.04	1
2-Methylnaphthalene	12		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566293

Project Number: 170197605 **Report Date:** 10/28/25

SAMPLE RESULTS

Lab ID: L2566293-01 Date Collected: 10/20/25 15:40

Client ID: C-MW206_102025 Date Received: 10/20/25

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		21-120
Phenol-d6	50		10-120
Nitrobenzene-d5	111		23-120
2-Fluorobiphenyl	75		15-120
2,4,6-Tribromophenol	91		10-120
4-Terphenyl-d14	69		41-149

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566293

Project Number: 170197605 **Report Date:** 10/28/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/25/25 12:12
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 10/24/25 18:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG2132501-1					
Acenaphthene	ND		ug/l	2.0	0.40
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98
Hexachlorobenzene	ND		ug/l	2.0	0.45
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39
2-Chloronaphthalene	ND		ug/l	2.0	0.35
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84
Fluoranthene	ND		ug/l	2.0	0.41
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84
Hexachlorobutadiene	ND		ug/l	2.0	0.36
Hexachlorocyclopentadiene	ND		ug/l	20	1.2
Hexachloroethane	ND		ug/l	2.0	0.20
Isophorone	ND		ug/l	5.0	0.86
Naphthalene	ND		ug/l	2.0	0.54
Nitrobenzene	ND		ug/l	2.0	0.20
NDPA/DPA	ND		ug/l	2.0	0.92
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566293

Project Number: 170197605 **Report Date:** 10/28/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/25/25 12:12
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 10/24/25 18:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG2132501-1					
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4
Butyl benzyl phthalate	ND		ug/l	5.0	2.6
Di-n-butylphthalate	ND		ug/l	5.0	0.96
Di-n-octylphthalate	ND		ug/l	5.0	2.3
Diethyl phthalate	ND		ug/l	5.0	0.76
Dimethyl phthalate	ND		ug/l	5.0	0.92
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.37
Benzo(b)fluoranthene	ND		ug/l	2.0	0.53
Benzo(k)fluoranthene	ND		ug/l	2.0	0.62
Chrysene	ND		ug/l	2.0	0.22
Acenaphthylene	ND		ug/l	2.0	0.32
Anthracene	ND		ug/l	2.0	0.47
Benzo(ghi)perylene	ND		ug/l	2.0	0.37
Fluorene	ND		ug/l	2.0	0.44
Phenanthrene	ND		ug/l	2.0	0.42
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.29
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.48
Pyrene	ND		ug/l	2.0	0.41
Biphenyl	ND		ug/l	2.0	0.20
4-Chloroaniline	ND		ug/l	5.0	0.47
2-Nitroaniline	ND		ug/l	5.0	1.0
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.4

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566293

Project Number: 170197605 **Report Date:** 10/28/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/25/25 12:12
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 10/24/25 18:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG2132501-1					
Dibenzofuran	ND		ug/l	2.0	0.40
2-Methylnaphthalene	ND		ug/l	2.0	0.37
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24
Acetophenone	ND		ug/l	5.0	0.92
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61
2-Chlorophenol	ND		ug/l	2.0	0.65
2,4-Dichlorophenol	ND		ug/l	5.0	1.7
2,4-Dimethylphenol	ND		ug/l	5.0	2.0
2-Nitrophenol	ND		ug/l	10	2.0
4-Nitrophenol	ND		ug/l	10	1.4
2,4-Dinitrophenol	ND		ug/l	20	5.4
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3
Pentachlorophenol	ND		ug/l	10	2.5
Phenol	ND		ug/l	5.0	0.35
2-Methylphenol	ND		ug/l	5.0	2.3
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.38
Carbazole	ND		ug/l	2.0	0.31

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566293

Project Number: 170197605 **Report Date:** 10/28/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/25/25 12:12
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 10/24/25 18:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG2132501-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		21-120
Phenol-d6	42		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	68		15-120
2,4,6-Tribromophenol	60		10-120
4-Terphenyl-d14	50		41-149

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566293

Project Number: 170197605 **Report Date:** 10/28/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 10/27/25 09:09
Analyst: DMC

Extraction Method: EPA 3510C
Extraction Date: 10/25/25 18:25

Parameter	Result	Qualifier	Units	RL	MDL
1,4 Dioxane by 8270E-SIM - Mansfield Lab for sample(s): 01 Batch: WG2132741-1					
1,4-Dioxane	ND		ng/l	300	33.9

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	30		15-110

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566293

Project Number: 170197605 **Report Date:** 10/28/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 10/27/25 10:55
Analyst: MRG

Extraction Method: EPA 3510C
Extraction Date: 10/26/25 21:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01 Batch: WG2132982-1					
Acenaphthene	ND		ug/l	0.10	0.02
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.03
Hexachlorobutadiene	ND		ug/l	0.50	0.02
Naphthalene	0.31		ug/l	0.10	0.02
Benzo(a)anthracene	0.03	J	ug/l	0.10	0.03
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03
Chrysene	ND		ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	ND		ug/l	0.10	0.02
Benzo(ghi)perylene	ND		ug/l	0.10	0.02
Fluorene	ND		ug/l	0.10	0.03
Phenanthrene	ND		ug/l	0.10	0.04
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	0.04	J	ug/l	0.10	0.03
Pentachlorophenol	ND		ug/l	0.80	0.06
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.02

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566293

Project Number: 170197605 **Report Date:** 10/28/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 10/27/25 10:55
Analyst: MRG

Extraction Method: EPA 3510C
Extraction Date: 10/26/25 21:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01 Batch: WG2132982-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	47		21-120
Phenol-d6	43		10-120
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	77		15-120
2,4,6-Tribromophenol	116		10-120
4-Terphenyl-d14	81		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: WILLETS POINT DEVELOPMENT OU-1
Project Number: 170197605
Lab Number: L2566293
Report Date: 10/28/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG2132501-2 WG2132501-3								
Acenaphthene	65		64		37-111	2		30
1,2,4-Trichlorobenzene	61		55		39-98	10		30
Hexachlorobenzene	67		68		40-140	1		30
Bis(2-chloroethyl)ether	74		67		40-140	10		30
2-Chloronaphthalene	65		61		40-140	6		30
1,2-Dichlorobenzene	61		57		40-140	7		30
1,3-Dichlorobenzene	58		55		40-140	5		30
1,4-Dichlorobenzene	59		54		36-97	9		30
3,3'-Dichlorobenzidine	76		74		40-140	3		30
2,4-Dinitrotoluene	80		75		48-143	6		30
2,6-Dinitrotoluene	82		74		40-140	10		30
Fluoranthene	67		69		40-140	3		30
4-Chlorophenyl phenyl ether	70		62		40-140	12		30
4-Bromophenyl phenyl ether	69		63		40-140	9		30
Bis(2-chloroisopropyl)ether	57		51		40-140	11		30
Bis(2-chloroethoxy)methane	77		69		40-140	11		30
Hexachlorobutadiene	61		59		40-140	3		30
Hexachlorocyclopentadiene	44		42		40-140	5		30
Hexachloroethane	64		56		40-140	13		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: WILLETS POINT DEVELOPMENT OU-1
Project Number: 170197605

Lab Number: L2566293
Report Date: 10/28/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG2132501-2 WG2132501-3								
Isophorone	85		75		40-140	13		30
Naphthalene	63		60		40-140	5		30
Nitrobenzene	83		75		40-140	10		30
NDPA/DPA	71		67		40-140	6		30
n-Nitrosodi-n-propylamine	93		79		29-132	16		30
Bis(2-ethylhexyl)phthalate	105		88		40-140	18		30
Butyl benzyl phthalate	76		75		40-140	1		30
Di-n-butylphthalate	86		79		40-140	8		30
Di-n-octylphthalate	95		87		40-140	9		30
Diethyl phthalate	77		73		40-140	5		30
Dimethyl phthalate	77		68		40-140	12		30
Benzo(a)anthracene	81		78		40-140	4		30
Benzo(a)pyrene	76		81		40-140	6		30
Benzo(b)fluoranthene	79		82		40-140	4		30
Benzo(k)fluoranthene	68		73		40-140	7		30
Chrysene	78		73		40-140	7		30
Acenaphthylene	72		65		45-123	10		30
Anthracene	69		66		40-140	4		30
Benzo(ghi)perylene	79		72		40-140	9		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: WILLETS POINT DEVELOPMENT OU-1
Project Number: 170197605

Lab Number: L2566293
Report Date: 10/28/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG2132501-2 WG2132501-3								
Fluorene	68		65		40-140	5		30
Phenanthrene	66		66		40-140	0		30
Dibenzo(a,h)anthracene	79		75		40-140	5		30
Indeno(1,2,3-cd)pyrene	82		78		40-140	5		30
Pyrene	62		65		26-127	5		30
Biphenyl	65		59		40-140	10		30
4-Chloroaniline	63		66		40-140	5		30
2-Nitroaniline	83		76		52-143	9		30
3-Nitroaniline	65		61		25-145	6		30
4-Nitroaniline	69		65		51-143	6		30
Dibenzofuran	66		64		40-140	3		30
2-Methylnaphthalene	65		62		40-140	5		30
1,2,4,5-Tetrachlorobenzene	65		61		2-134	6		30
Acetophenone	75		66		39-129	13		30
2,4,6-Trichlorophenol	90		77		30-130	16		30
p-Chloro-m-cresol	83		73		23-97	13		30
2-Chlorophenol	72		63		27-123	13		30
2,4-Dichlorophenol	78		66		30-130	17		30
2,4-Dimethylphenol	78		69		30-130	12		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: WILLETS POINT DEVELOPMENT OU-1
Project Number: 170197605

Lab Number: L2566293
Report Date: 10/28/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG2132501-2 WG2132501-3								
2-Nitrophenol	83		73		30-130	13		30
4-Nitrophenol	58		65		10-80	11		30
2,4-Dinitrophenol	**18**	Q	32		20-130	**56**	Q	30
4,6-Dinitro-o-cresol	39		48		20-164	21		30
Pentachlorophenol	61		73		9-103	18		30
Phenol	53		46		12-110	14		30
2-Methylphenol	76		65		30-130	16		30
3-Methylphenol/4-Methylphenol	74		65		30-130	13		30
2,4,5-Trichlorophenol	84		77		30-130	9		30
Benzoic Acid	69		76		10-164	10		30
Benzyl Alcohol	76		68		26-116	11		30
Carbazole	68		66		55-144	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: WILLETS POINT DEVELOPMENT OU-1
Project Number: 170197605

Lab Number: L2566293
Report Date: 10/28/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG2132501-2 WG2132501-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	60		53		21-120
Phenol-d6	51		45		10-120
Nitrobenzene-d5	94		79		23-120
2-Fluorobiphenyl	76		63		15-120
2,4,6-Tribromophenol	74		69		10-120
4-Terphenyl-d14	60		57		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: WILLETS POINT DEVELOPMENT OU-1
Project Number: 170197605

Lab Number: L2566293
Report Date: 10/28/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
1,4 Dioxane by 8270E-SIM - Mansfield Lab	Associated sample(s): 01		Batch: WG2132741-2		WG2132741-3			
1,4-Dioxane	130		125		40-140	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,4-Dioxane-d8	31		35		15-110

Lab Control Sample Analysis
Batch Quality Control

Project Name: WILLETS POINT DEVELOPMENT OU-1
Project Number: 170197605

Lab Number: L2566293
Report Date: 10/28/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab	Associated sample(s): 01		Batch: WG2132982-2 WG2132982-3					
Acenaphthene	74		76		40-140	3		40
2-Chloronaphthalene	74		78		40-140	5		40
Fluoranthene	82		79		40-140	4		40
Hexachlorobutadiene	60		66		40-140	10		40
Naphthalene	62		66		40-140	6		40
Benzo(a)anthracene	78		77		40-140	1		40
Benzo(a)pyrene	85		84		40-140	1		40
Benzo(b)fluoranthene	79		80		40-140	1		40
Benzo(k)fluoranthene	81		81		40-140	0		40
Chrysene	81		80		40-140	1		40
Acenaphthylene	81		84		40-140	4		40
Anthracene	82		82		40-140	0		40
Benzo(ghi)perylene	81		77		40-140	5		40
Fluorene	78		80		40-140	3		40
Phenanthrene	72		72		40-140	0		40
Dibenzo(a,h)anthracene	91		87		40-140	4		40
Indeno(1,2,3-cd)pyrene	91		86		40-140	6		40
Pyrene	82		80		40-140	2		40
2-Methylnaphthalene	70		74		40-140	6		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: WILLETS POINT DEVELOPMENT OU-1
Project Number: 170197605
Lab Number: L2566293
Report Date: 10/28/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab	Associated sample(s): 01		Batch: WG2132982-2 WG2132982-3					
Pentachlorophenol	99		99		40-140	0		40
Hexachlorobenzene	82		82		40-140	0		40
Hexachloroethane	58		64		40-140	10		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	45		47		21-120
Phenol-d6	40		43		10-120
Nitrobenzene-d5	88		91		23-120
2-Fluorobiphenyl	71		73		15-120
2,4,6-Tribromophenol	115		117		10-120
4-Terphenyl-d14	73		69		41-149

Project Name: WILLETS POINT DEVELOPMENT OU-1
Project Number: 170197605

Lab Number: L2566293
Report Date: 10/28/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2566293-01A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2566293-01B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2566293-01C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2566293-01D	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2566293-01E	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2566293-01F	Amber 250ml unpreserved	NA	NA			Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2566293-01G	Amber 250ml unpreserved	NA	NA			Y	Absent		A2-1,4-DIOXANE-SIM(7)

*Values in parentheses indicate holding time in days

Project Name:	WILLETS POINT DEVELOPMENT OU-1	**Lab Number:**	L2566293
Project Number:	170197605	**Report Date:**	10/28/25

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: DU Report with 'J' Qualifiers

Project Name:	WILLETS POINT DEVELOPMENT OU-1	**Lab Number:**	L2566293
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Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were

Report Format: DU Report with 'J' Qualifiers

Project Name:	WILLETS POINT DEVELOPMENT OU-1	**Lab Number:**	L2566293
Project Number:	170197605	**Report Date:**	10/28/25

Data Qualifiers

estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566293

Project Number: 170197605 **Report Date:** 10/28/25

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

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, SM4500CL-G, 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.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY kY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (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
MA M-MA00030, CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 85084, 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, LA 245052, 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.

NEW YORK CHAIN OF CUSTODY

L2566293
LANGAN – NYC

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab 10/21/25

Client Information

Client: Langan
Address: 36 89th Ave 8th Flor
NY, NY 10001
Phone: 212-479-5400
Fax:
Email: NPalumbo@langan.com

Project Information

Project Name: Willets Point Development OU-1
Project Location: Queens, NY
Project # 170197605
(Use Project name as Project #) ☐
Project Manager: Nicholas Palumbo
ALPHAQuote #: 26213

Turn-Around Time

Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☒ ASP-B ☐ Same as Client Info
☐ EQuIS (1 File) ☐ EQuIS (4 File) PO #
☐ Other

Regulatory Requirement

☒ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
CC: data management@langan.com / hblue Store@langan.com

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOCs	TCL SVOCs	1,4-Dioxane	Total Bottle	Sample Specific Comments
662693-01	C-MW206_102025	10-20-25	15:40	AQ	AF	X	X	X		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
Shaun Martin	10-20-25 16:20		10/20/25 16:20
	10/20/25 19:15		10/20 2300
	10/21 230		10/21/25 0230

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

Sample Delivery Group Summary

Pace Job Number : L2566293
Received : 20-OCT-2025
Reviewer : Monique Irving

Account Name : Langan Engineering & Environmental
Project Number : 170197605
Project Name : WILLETS POINT DEVELOPMENT OU-1

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	4.9	

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis? Following containers were received with headspace: -01B, -01C	**NO**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**NA**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NO**

ANALYTICAL REPORT

Lab Number:	L2566617
Client:	Langan Engineering & Environmental 21 Penn Plaza 360 W. 31st Street, 8th Floor New York, NY 10001-2727
ATTN:	Elizabeth Burgess
Phone:	(212) 479-5499
Project Name:	WILLETS POINT DEVELOPMENT OU-1
Project Number:	170197605
Report Date:	10/30/25

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

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

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

Project Name: WILLETS POINT DEVELOPMENT OU-1
Project Number: 170197605

Lab Number: L2566617
Report Date: 10/30/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2566617-01	C-RMW01_102125	WATER	QUEENS, NY	10/21/25 08:50	10/21/25
L2566617-02	C-MW201_102125	WATER	QUEENS, NY	10/21/25 08:55	10/21/25
L2566617-03	B-MW206_102125	WATER	QUEENS, NY	10/21/25 10:10	10/21/25
L2566617-04	C-MW205_102125	WATER	QUEENS, NY	10/21/25 11:10	10/21/25
L2566617-05	B-MW201R_102125	WATER	QUEENS, NY	10/21/25 12:20	10/21/25
L2566617-06	TB02_102125	WATER	QUEENS, NY	10/21/25 00:00	10/21/25
L2566617-07	DUP01_102125	WATER	QUEENS, NY	10/21/25 00:00	10/21/25

Project Name:	WILLETS POINT DEVELOPMENT OU-1	**Lab Number:**	L2566617
Project Number:	170197605	**Report Date:**	10/30/25

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:	WILLETS POINT DEVELOPMENT OU-1	**Lab Number:**	L2566617
Project Number:	170197605	**Report Date:**	10/30/25

Case Narrative (continued)

Report Submission

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

Semivolatile Organics by SIM

The WG2132502-1 Method Blank associated with L2566617-02 has concentrations above the reporting limits for Fluoranthene, Benzo(a)pyrene, Phenanthrene, and Pyrene. Since the associated sample concentrations are either greater than 10x the blank concentrations or non-detect to the RLs for these target analytes, no corrective action is required. Any results detected below the reporting limits are qualified with a "B".

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

Authorized Signature: Kelly O'Neill

Title: Technical Director/Representative Date: 10/30/25

ORGANICS

VOLATILES

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566617

Project Number: 170197605 **Report Date:** 10/30/25

SAMPLE RESULTS

Lab ID: L2566617-01 Date Collected: 10/21/25 08:50

Client ID: C-RMW01_102125 Date Received: 10/21/25

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260D

Analytical Date: 10/29/25 04:58

Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	1.5	J	ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	19		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566617

Project Number: 170197605 **Report Date:** 10/30/25

SAMPLE RESULTS

Lab ID: L2566617-01 Date Collected: 10/21/25 08:50

Client ID: C-RMW01_102125 Date Received: 10/21/25

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	1300	E	ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	0.84	J	ug/l	2.5	0.70	1

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566617

Project Number: 170197605 **Report Date:** 10/30/25

SAMPLE RESULTS

Lab ID: L2566617-01 Date Collected: 10/21/25 08:50

Client ID: C-RMW01_102125 Date Received: 10/21/25

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	1.0	J	ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	124		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	105		70-130

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566617

Project Number: 170197605 **Report Date:** 10/30/25

SAMPLE RESULTS

Lab ID: L2566617-01 D
Client ID: C-RMW01_102125
Sample Location: QUEENS, NY

Date Collected: 10/21/25 08:50
Date Received: 10/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 10/29/25 10:46
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	760		ug/l	50	3.3	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	123		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	121		70-130

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566617

Project Number: 170197605 **Report Date:** 10/30/25

SAMPLE RESULTS

Lab ID: L2566617-02 D
Client ID: C-MW201_102125
Sample Location: QUEENS, NY

Date Collected: 10/21/25 08:55
Date Received: 10/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 10/29/25 05:22
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	10	2.8	4
1,1-Dichloroethane	ND		ug/l	10	2.8	4
Chloroform	ND		ug/l	10	2.8	4
Carbon tetrachloride	ND		ug/l	2.0	0.54	4
1,2-Dichloropropane	ND		ug/l	4.0	0.55	4
Dibromochloromethane	ND		ug/l	2.0	0.60	4
1,1,2-Trichloroethane	ND		ug/l	6.0	2.0	4
Tetrachloroethene	ND		ug/l	2.0	0.72	4
Chlorobenzene	ND		ug/l	10	2.8	4
Trichlorofluoromethane	ND		ug/l	10	2.8	4
1,2-Dichloroethane	ND		ug/l	2.0	0.53	4
1,1,1-Trichloroethane	ND		ug/l	10	2.8	4
Bromodichloromethane	ND		ug/l	2.0	0.77	4
trans-1,3-Dichloropropene	ND		ug/l	2.0	0.66	4
cis-1,3-Dichloropropene	ND		ug/l	2.0	0.58	4
1,3-Dichloropropene, Total	ND		ug/l	2.0	0.58	4
1,1-Dichloropropene	ND		ug/l	10	2.8	4
Bromoform	ND		ug/l	8.0	2.6	4
1,1,2,2-Tetrachloroethane	ND		ug/l	2.0	0.67	4
Benzene	0.73	J	ug/l	2.0	0.64	4
Toluene	ND		ug/l	10	2.8	4
Ethylbenzene	ND		ug/l	10	2.8	4
Chloromethane	ND		ug/l	10	2.8	4
Bromomethane	ND		ug/l	10	2.8	4
Vinyl chloride	0.51	J	ug/l	4.0	0.28	4
Chloroethane	ND		ug/l	10	2.8	4
1,1-Dichloroethene	ND		ug/l	2.0	0.68	4
trans-1,2-Dichloroethene	ND		ug/l	10	2.8	4

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566617

Project Number: 170197605 **Report Date:** 10/30/25

SAMPLE RESULTS

Lab ID: L2566617-02 D Date Collected: 10/21/25 08:55

Client ID: C-MW201_102125 Date Received: 10/21/25

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	2.0	0.70	4
1,2-Dichlorobenzene	ND		ug/l	10	2.8	4
1,3-Dichlorobenzene	ND		ug/l	10	2.8	4
1,4-Dichlorobenzene	ND		ug/l	10	2.8	4
Methyl tert butyl ether	57		ug/l	10	0.66	4
p/m-Xylene	ND		ug/l	10	2.8	4
o-Xylene	ND		ug/l	10	2.8	4
Xylenes, Total	ND		ug/l	10	2.8	4
cis-1,2-Dichloroethene	ND		ug/l	10	2.8	4
1,2-Dichloroethene, Total	ND		ug/l	10	2.8	4
Dibromomethane	ND		ug/l	20	4.0	4
1,2,3-Trichloropropane	ND		ug/l	10	2.8	4
Acrylonitrile	ND		ug/l	20	6.0	4
Styrene	ND		ug/l	10	2.8	4
Dichlorodifluoromethane	ND		ug/l	20	4.0	4
Acetone	10	J	ug/l	20	5.8	4
Carbon disulfide	ND		ug/l	20	4.0	4
2-Butanone	ND		ug/l	20	7.8	4
Vinyl acetate	ND		ug/l	20	4.0	4
4-Methyl-2-pentanone	ND		ug/l	20	4.0	4
2-Hexanone	ND		ug/l	20	4.0	4
Bromochloromethane	ND		ug/l	10	2.8	4
2,2-Dichloropropane	ND		ug/l	10	2.8	4
1,2-Dibromoethane	ND		ug/l	8.0	2.6	4
1,3-Dichloropropane	ND		ug/l	10	2.8	4
1,1,1,2-Tetrachloroethane	ND		ug/l	10	2.8	4
Bromobenzene	ND		ug/l	10	2.8	4
n-Butylbenzene	ND		ug/l	10	2.8	4
sec-Butylbenzene	ND		ug/l	10	2.8	4
tert-Butylbenzene	ND		ug/l	10	2.8	4
o-Chlorotoluene	ND		ug/l	10	2.8	4
p-Chlorotoluene	ND		ug/l	10	2.8	4
1,2-Dibromo-3-chloropropane	ND		ug/l	10	2.8	4
Hexachlorobutadiene	ND		ug/l	10	2.8	4
Isopropylbenzene	ND		ug/l	10	2.8	4
p-Isopropyltoluene	ND		ug/l	10	2.8	4
Naphthalene	420		ug/l	10	2.8	4

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566617

Project Number: 170197605 **Report Date:** 10/30/25

SAMPLE RESULTS

Lab ID: L2566617-02 D
Client ID: C-MW201_102125
Sample Location: QUEENS, NY

Date Collected: 10/21/25 08:55
Date Received: 10/21/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	10	2.8	4
1,2,3-Trichlorobenzene	ND		ug/l	10	2.8	4
1,2,4-Trichlorobenzene	ND		ug/l	10	2.8	4
1,3,5-Trimethylbenzene	ND		ug/l	10	2.8	4
1,2,4-Trimethylbenzene	ND		ug/l	10	2.8	4
1,4-Dioxane	ND		ug/l	1000	240	4
p-Diethylbenzene	ND		ug/l	8.0	2.8	4
p-Ethyltoluene	ND		ug/l	8.0	2.8	4
1,2,4,5-Tetramethylbenzene	ND		ug/l	8.0	2.2	4
Ethyl ether	ND		ug/l	10	2.8	4
trans-1,4-Dichloro-2-butene	ND		ug/l	10	2.8	4

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	124		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	123		70-130

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566617

Project Number: 170197605 **Report Date:** 10/30/25

SAMPLE RESULTS

Lab ID: L2566617-03 Date Collected: 10/21/25 10:10
Client ID: B-MW206_102125 Date Received: 10/21/25
Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 10/29/25 10:22
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	1.3		ug/l	0.50	0.16	1
Toluene	0.88	J	ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566617

Project Number: 170197605 **Report Date:** 10/30/25

SAMPLE RESULTS

Lab ID: L2566617-03 Date Collected: 10/21/25 10:10

Client ID: B-MW206_102125 Date Received: 10/21/25

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	1.2	J	ug/l	2.5	0.17	1
p/m-Xylene	1.1	J	ug/l	2.5	0.70	1
o-Xylene	0.81	J	ug/l	2.5	0.70	1
Xylenes, Total	1.9	J	ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	85		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	8.6		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	1.7	J	ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	6.1		ug/l	2.5	0.70	1

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566617

Project Number: 170197605 **Report Date:** 10/30/25

SAMPLE RESULTS

Lab ID: L2566617-03 Date Collected: 10/21/25 10:10

Client ID: B-MW206_102125 Date Received: 10/21/25

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	0.83	J	ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	113		70-130

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566617

Project Number: 170197605 **Report Date:** 10/30/25

SAMPLE RESULTS

Lab ID: L2566617-04
Client ID: C-MW205_102125
Sample Location: QUEENS, NY

Date Collected: 10/21/25 11:10
Date Received: 10/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 10/29/25 03:45
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	0.42	J	ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566617

Project Number: 170197605 **Report Date:** 10/30/25

SAMPLE RESULTS

Lab ID: L2566617-04 Date Collected: 10/21/25 11:10

Client ID: C-MW205_102125 Date Received: 10/21/25

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	71		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	8.4		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	2.3	J	ug/l	2.5	0.70	1

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566617

Project Number: 170197605 **Report Date:** 10/30/25

SAMPLE RESULTS

Lab ID: L2566617-04 Date Collected: 10/21/25 11:10

Client ID: C-MW205_102125 Date Received: 10/21/25

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	127		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	112		70-130

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566617

Project Number: 170197605 **Report Date:** 10/30/25

SAMPLE RESULTS

Lab ID: L2566617-05 Date Collected: 10/21/25 12:20
Client ID: B-MW201R_102125 Date Received: 10/21/25
Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 10/29/25 04:09
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	30		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	0.96		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566617

Project Number: 170197605 **Report Date:** 10/30/25

SAMPLE RESULTS

Lab ID: L2566617-05 Date Collected: 10/21/25 12:20

Client ID: B-MW201R_102125 Date Received: 10/21/25

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	1.5	J	ug/l	2.5	0.70	1
1,4-Dichlorobenzene	10		ug/l	2.5	0.70	1
Methyl tert butyl ether	7.5		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	7.1		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	4.2		ug/l	2.5	0.70	1

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566617

Project Number: 170197605 **Report Date:** 10/30/25

SAMPLE RESULTS

Lab ID: L2566617-05 Date Collected: 10/21/25 12:20

Client ID: B-MW201R_102125 Date Received: 10/21/25

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	121		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	113		70-130

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566617

Project Number: 170197605 **Report Date:** 10/30/25

SAMPLE RESULTS

Lab ID: L2566617-06 Date Collected: 10/21/25 00:00
Client ID: TB02_102125 Date Received: 10/21/25
Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 10/29/25 02:57
Analyst: MJV

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

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566617

Project Number: 170197605 **Report Date:** 10/30/25

SAMPLE RESULTS

Lab ID: L2566617-06 Date Collected: 10/21/25 00:00

Client ID: TB02_102125 Date Received: 10/21/25

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.2	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566617

Project Number: 170197605 **Report Date:** 10/30/25

SAMPLE RESULTS

Lab ID: L2566617-06 Date Collected: 10/21/25 00:00

Client ID: TB02_102125 Date Received: 10/21/25

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	126		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	114		70-130

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566617

Project Number: 170197605 **Report Date:** 10/30/25

SAMPLE RESULTS

Lab ID: L2566617-07
Client ID: DUP01_102125
Sample Location: QUEENS, NY

Date Collected: 10/21/25 00:00
Date Received: 10/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 10/29/25 04:34
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	1.6		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566617

Project Number: 170197605 **Report Date:** 10/30/25

SAMPLE RESULTS

Lab ID: L2566617-07 Date Collected: 10/21/25 00:00

Client ID: DUP01_102125 Date Received: 10/21/25

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	53		ug/l	2.5	0.17	1
p/m-Xylene	0.81	J	ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	0.81	J	ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	27		ug/l	5.0	1.5	1
Carbon disulfide	1.4	J	ug/l	5.0	1.0	1
2-Butanone	4.0	J	ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	4.7		ug/l	2.5	0.70	1

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566617

Project Number: 170197605 **Report Date:** 10/30/25

SAMPLE RESULTS

Lab ID: L2566617-07 Date Collected: 10/21/25 00:00

Client ID: DUP01_102125 Date Received: 10/21/25

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	121		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	115		70-130

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566617

Project Number: 170197605 **Report Date:** 10/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/28/25 22:54
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,04-07 Batch: WG2134312-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566617

Project Number: 170197605 **Report Date:** 10/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/28/25 22:54
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,04-07 Batch: WG2134312-5					
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566617

Project Number: 170197605 **Report Date:** 10/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/28/25 22:54
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,04-07 Batch: WG2134312-5					
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566617

Project Number: 170197605 **Report Date:** 10/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/28/25 22:54
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,04-07 Batch: WG2134312-5					
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	129		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	121		70-130

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566617

Project Number: 170197605 **Report Date:** 10/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/29/25 09:09
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,03 Batch: WG2134489-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566617

Project Number: 170197605 **Report Date:** 10/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/29/25 09:09
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,03 Batch: WG2134489-5					
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566617

Project Number: 170197605 **Report Date:** 10/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/29/25 09:09
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,03 Batch: WG2134489-5					
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566617

Project Number: 170197605 **Report Date:** 10/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/29/25 09:09
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,03 Batch: WG2134489-5					
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	122		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	116		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: WILLETS POINT DEVELOPMENT OU-1
Project Number: 170197605

Lab Number: L2566617
Report Date: 10/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-07 Batch: WG2134312-3 WG2134312-4								
Methylene chloride	100		100		70-130	0		20
1,1-Dichloroethane	120		120		70-130	0		20
Chloroform	110		100		70-130	10		20
Carbon tetrachloride	97		97		63-132	0		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	88		89		63-130	1		20
1,1,2-Trichloroethane	96		93		70-130	3		20
Tetrachloroethene	94		89		70-130	5		20
Chlorobenzene	99		99		75-130	0		20
Trichlorofluoromethane	110		100		62-150	10		20
1,2-Dichloroethane	120		120		70-130	0		20
1,1,1-Trichloroethane	100		100		67-130	0		20
Bromodichloromethane	96		95		67-130	1		20
trans-1,3-Dichloropropene	90		88		70-130	2		20
cis-1,3-Dichloropropene	91		88		70-130	3		20
1,1-Dichloropropene	92		92		70-130	0		20
Bromoform	77		74		54-136	4		20
1,1,2,2-Tetrachloroethane	93		93		67-130	0		20
Benzene	94		95		70-130	1		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: WILLETS POINT DEVELOPMENT OU-1
Project Number: 170197605

Lab Number: L2566617
Report Date: 10/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-07 Batch: WG2134312-3 WG2134312-4								
Toluene	100		100		70-130	0		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	100		100		64-130	0		20
Bromomethane	120		120		39-139	0		20
Vinyl chloride	110		110		55-140	0		20
Chloroethane	120		120		55-138	0		20
1,1-Dichloroethene	100		110		61-145	10		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	90		88		70-130	2		20
1,2-Dichlorobenzene	97		94		70-130	3		20
1,3-Dichlorobenzene	96		93		70-130	3		20
1,4-Dichlorobenzene	97		93		70-130	4		20
Methyl tert butyl ether	90		88		63-130	2		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	100		95		70-130	5		20
cis-1,2-Dichloroethene	98		99		70-130	1		20
Dibromomethane	98		97		70-130	1		20
1,2,3-Trichloropropane	93		92		64-130	1		20
Acrylonitrile	120		110		70-130	9		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: WILLETS POINT DEVELOPMENT OU-1
Project Number: 170197605

Lab Number: L2566617
Report Date: 10/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-07 Batch: WG2134312-3 WG2134312-4								
Styrene	100		95		70-130	5		20
Dichlorodifluoromethane	84		89		36-147	6		20
Acetone	**150**	Q	**150**	Q	58-148	0		20
Carbon disulfide	100		100		51-130	0		20
2-Butanone	120		120		63-138	0		20
Vinyl acetate	95		93		70-130	2		20
4-Methyl-2-pentanone	110		100		59-130	10		20
2-Hexanone	120		110		57-130	9		20
Bromochloromethane	110		100		70-130	10		20
2,2-Dichloropropane	95		90		63-133	5		20
1,2-Dibromoethane	90		94		70-130	4		20
1,3-Dichloropropane	99		98		70-130	1		20
1,1,1,2-Tetrachloroethane	87		89		64-130	2		20
Bromobenzene	93		92		70-130	1		20
n-Butylbenzene	94		88		53-136	7		20
sec-Butylbenzene	95		88		70-130	8		20
tert-Butylbenzene	95		91		70-130	4		20
o-Chlorotoluene	97		97		70-130	0		20
p-Chlorotoluene	96		94		70-130	2		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: WILLETS POINT DEVELOPMENT OU-1
Project Number: 170197605

Lab Number: L2566617
Report Date: 10/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-07 Batch: WG2134312-3 WG2134312-4								
1,2-Dibromo-3-chloropropane	80		76		41-144	5		20
Hexachlorobutadiene	96		85		63-130	12		20
Isopropylbenzene	93		89		70-130	4		20
p-Isopropyltoluene	95		88		70-130	8		20
Naphthalene	90		87		70-130	3		20
n-Propylbenzene	96		93		69-130	3		20
1,2,3-Trichlorobenzene	94		87		70-130	8		20
1,2,4-Trichlorobenzene	93		86		70-130	8		20
1,3,5-Trimethylbenzene	94		90		64-130	4		20
1,2,4-Trimethylbenzene	95		90		70-130	5		20
1,4-Dioxane	92		92		56-162	0		20
p-Diethylbenzene	94		88		70-130	7		20
p-Ethyltoluene	99		92		70-130	7		20
1,2,4,5-Tetramethylbenzene	96		90		70-130	6		20
Ethyl ether	100		96		59-134	4		20
trans-1,4-Dichloro-2-butene	100		98		70-130	2		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: WILLETS POINT DEVELOPMENT OU-1
Project Number: 170197605

Lab Number: L2566617
Report Date: 10/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-07 Batch: WG2134312-3 WG2134312-4								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	124		118		70-130
Toluene-d8	101		102		70-130
4-Bromofluorobenzene	99		98		70-130
Dibromofluoromethane	106		107		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: WILLETS POINT DEVELOPMENT OU-1
Project Number: 170197605

Lab Number: L2566617
Report Date: 10/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03 Batch: WG2134489-3 WG2134489-4								
Methylene chloride	91		96		70-130	5		20
1,1-Dichloroethane	110		110		70-130	0		20
Chloroform	97		100		70-130	3		20
Carbon tetrachloride	97		99		63-132	2		20
1,2-Dichloropropane	96		94		70-130	2		20
Dibromochloromethane	81		79		63-130	3		20
1,1,2-Trichloroethane	85		86		70-130	1		20
Tetrachloroethene	85		85		70-130	0		20
Chlorobenzene	92		91		75-130	1		20
Trichlorofluoromethane	100		100		62-150	0		20
1,2-Dichloroethane	100		110		70-130	10		20
1,1,1-Trichloroethane	99		100		67-130	1		20
Bromodichloromethane	90		86		67-130	5		20
trans-1,3-Dichloropropene	84		80		70-130	5		20
cis-1,3-Dichloropropene	85		85		70-130	0		20
1,1-Dichloropropene	88		89		70-130	1		20
Bromoform	69		70		54-136	1		20
1,1,2,2-Tetrachloroethane	82		83		67-130	1		20
Benzene	88		87		70-130	1		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: WILLETS POINT DEVELOPMENT OU-1
Project Number: 170197605

Lab Number: L2566617
Report Date: 10/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03 Batch: WG2134489-3 WG2134489-4								
Toluene	92		94		70-130	2		20
Ethylbenzene	95		95		70-130	0		20
Chloromethane	96		100		64-130	4		20
Bromomethane	82		81		39-139	1		20
Vinyl chloride	98		100		55-140	2		20
Chloroethane	120		120		55-138	0		20
1,1-Dichloroethene	97		100		61-145	3		20
trans-1,2-Dichloroethene	97		97		70-130	0		20
Trichloroethene	86		83		70-130	4		20
1,2-Dichlorobenzene	88		90		70-130	2		20
1,3-Dichlorobenzene	89		88		70-130	1		20
1,4-Dichlorobenzene	90		92		70-130	2		20
Methyl tert butyl ether	83		84		63-130	1		20
p/m-Xylene	95		90		70-130	5		20
o-Xylene	90		90		70-130	0		20
cis-1,2-Dichloroethene	94		95		70-130	1		20
Dibromomethane	88		91		70-130	3		20
1,2,3-Trichloropropane	80		82		64-130	2		20
Acrylonitrile	98		100		70-130	2		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: WILLETS POINT DEVELOPMENT OU-1
Project Number: 170197605
Lab Number: L2566617
Report Date: 10/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03 Batch: WG2134489-3 WG2134489-4								
Styrene	90		90		70-130	0		20
Dichlorodifluoromethane	82		84		36-147	2		20
Acetone	120		130		58-148	8		20
Carbon disulfide	99		100		51-130	1		20
2-Butanone	100		110		63-138	10		20
Vinyl acetate	90		92		70-130	2		20
4-Methyl-2-pentanone	88		92		59-130	4		20
2-Hexanone	100		110		57-130	10		20
Bromochloromethane	97		96		70-130	1		20
2,2-Dichloropropane	97		97		63-133	0		20
1,2-Dibromoethane	84		84		70-130	0		20
1,3-Dichloropropane	90		88		70-130	2		20
1,1,1,2-Tetrachloroethane	78		80		64-130	3		20
Bromobenzene	86		89		70-130	3		20
n-Butylbenzene	89		92		53-136	3		20
sec-Butylbenzene	90		90		70-130	0		20
tert-Butylbenzene	89		89		70-130	0		20
o-Chlorotoluene	90		91		70-130	1		20
p-Chlorotoluene	90		91		70-130	1		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: WILLETS POINT DEVELOPMENT OU-1
Project Number: 170197605

Lab Number: L2566617
Report Date: 10/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03 Batch: WG2134489-3 WG2134489-4								
1,2-Dibromo-3-chloropropane	75		70		41-144	7		20
Hexachlorobutadiene	94		94		63-130	0		20
Isopropylbenzene	87		88		70-130	1		20
p-Isopropyltoluene	88		93		70-130	6		20
Naphthalene	81		83		70-130	2		20
n-Propylbenzene	91		91		69-130	0		20
1,2,3-Trichlorobenzene	84		84		70-130	0		20
1,2,4-Trichlorobenzene	87		88		70-130	1		20
1,3,5-Trimethylbenzene	89		89		64-130	0		20
1,2,4-Trimethylbenzene	88		89		70-130	1		20
1,4-Dioxane	82		82		56-162	0		20
p-Diethylbenzene	88		89		70-130	1		20
p-Ethyltoluene	91		93		70-130	2		20
1,2,4,5-Tetramethylbenzene	87		89		70-130	2		20
Ethyl ether	91		91		59-134	0		20
trans-1,4-Dichloro-2-butene	88		85		70-130	3		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: WILLETS POINT DEVELOPMENT OU-1
Project Number: 170197605

Lab Number: L2566617
Report Date: 10/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03 Batch: WG2134489-3 WG2134489-4								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	119		120		70-130
Toluene-d8	102		102		70-130
4-Bromofluorobenzene	101		98		70-130
Dibromofluoromethane	110		105		70-130

SEMIVOLATILES

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566617

Project Number: 170197605 **Report Date:** 10/30/25

SAMPLE RESULTS

Lab ID: L2566617-01
Client ID: C-RMW01_102125
Sample Location: QUEENS, NY

Date Collected: 10/21/25 08:50
Date Received: 10/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 10/25/25 19:23
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 10/25/25 01:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	3.4	J	ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566617

Project Number: 170197605 **Report Date:** 10/30/25

SAMPLE RESULTS

Lab ID: L2566617-01 Date Collected: 10/21/25 08:50

Client ID: C-RMW01_102125 Date Received: 10/21/25

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	48		21-120
Phenol-d6	39		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	67		15-120
2,4,6-Tribromophenol	72		10-120
4-Terphenyl-d14	65		41-149

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566617

Project Number: 170197605 **Report Date:** 10/30/25

SAMPLE RESULTS

Lab ID: L2566617-01
Client ID: C-RMW01_102125
Sample Location: QUEENS, NY

Date Collected: 10/21/25 08:50
Date Received: 10/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/28/25 12:59
Analyst: DMC

Extraction Method: EPA 3510C
Extraction Date: 10/26/25 08:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	6800		ng/l	278	31.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	43		15-110

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566617

Project Number: 170197605 **Report Date:** 10/30/25

SAMPLE RESULTS

Lab ID: L2566617-01
Client ID: C-RMW01_102125
Sample Location: QUEENS, NY

Date Collected: 10/21/25 08:50
Date Received: 10/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/28/25 18:28
Analyst: CSN

Extraction Method: EPA 3510C
Extraction Date: 10/28/25 09:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.10		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.36		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	0.34		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	0.26		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	0.10	J	ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566617

Project Number: 170197605 **Report Date:** 10/30/25

SAMPLE RESULTS

Lab ID: L2566617-01 Date Collected: 10/21/25 08:50

Client ID: C-RMW01_102125 Date Received: 10/21/25

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		21-120
Phenol-d6	39		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	48		15-120
2,4,6-Tribromophenol	56		10-120
4-Terphenyl-d14	52		41-149

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566617

Project Number: 170197605 **Report Date:** 10/30/25

SAMPLE RESULTS

Lab ID: L2566617-02
Client ID: C-MW201_102125
Sample Location: QUEENS, NY

Date Collected: 10/21/25 08:55
Date Received: 10/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 10/25/25 19:45
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 10/25/25 01:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	2.6	J	ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566617

Project Number: 170197605 **Report Date:** 10/30/25

SAMPLE RESULTS

Lab ID: L2566617-02 Date Collected: 10/21/25 08:55

Client ID: C-MW201_102125 Date Received: 10/21/25

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	6.6		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		21-120
Phenol-d6	41		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	75		15-120
2,4,6-Tribromophenol	77		10-120
4-Terphenyl-d14	60		41-149

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566617

Project Number: 170197605 **Report Date:** 10/30/25

SAMPLE RESULTS

Lab ID: L2566617-02
Client ID: C-MW201_102125
Sample Location: QUEENS, NY

Date Collected: 10/21/25 08:55
Date Received: 10/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/26/25 18:44
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 10/25/25 01:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	60	E	ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	2.8		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	180	E	ug/l	0.10	0.02	1
Benzo(a)anthracene	0.11		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	0.04	J	ug/l	0.10	0.03	1
Acenaphthylene	0.43		ug/l	0.10	0.02	1
Anthracene	1.6		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	20		ug/l	0.10	0.03	1
Phenanthrene	15		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	1.4		ug/l	0.10	0.04	1
2-Methylnaphthalene	7.3		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566617

Project Number: 170197605 **Report Date:** 10/30/25

SAMPLE RESULTS

Lab ID: L2566617-02 Date Collected: 10/21/25 08:55

Client ID: C-MW201_102125 Date Received: 10/21/25

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		21-120
Phenol-d6	46		10-120
Nitrobenzene-d5	105		23-120
2-Fluorobiphenyl	86		15-120
2,4,6-Tribromophenol	**145**	Q	10-120
4-Terphenyl-d14	89		41-149

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566617

Project Number: 170197605 **Report Date:** 10/30/25

SAMPLE RESULTS

Lab ID: L2566617-02
Client ID: C-MW201_102125
Sample Location: QUEENS, NY

Date Collected: 10/21/25 08:55
Date Received: 10/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/28/25 13:21
Analyst: DMC

Extraction Method: EPA 3510C
Extraction Date: 10/26/25 08:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	1430		ng/l	300	33.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	43		15-110

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566617

Project Number: 170197605 **Report Date:** 10/30/25

SAMPLE RESULTS

Lab ID: L2566617-02 D
Client ID: C-MW201_102125
Sample Location: QUEENS, NY

Date Collected: 10/21/25 08:55
Date Received: 10/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/28/25 20:27
Analyst: CSN

Extraction Method: EPA 3510C
Extraction Date: 10/25/25 01:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	66		ug/l	1.0	0.24	10
Naphthalene	230		ug/l	1.0	0.24	10

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566617

Project Number: 170197605 **Report Date:** 10/30/25

SAMPLE RESULTS

Lab ID: L2566617-03
Client ID: B-MW206_102125
Sample Location: QUEENS, NY

Date Collected: 10/21/25 10:10
Date Received: 10/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 10/25/25 20:06
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 10/25/25 01:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	2.9	J	ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566617

Project Number: 170197605 **Report Date:** 10/30/25

SAMPLE RESULTS

Lab ID: L2566617-03 Date Collected: 10/21/25 10:10

Client ID: B-MW206_102125 Date Received: 10/21/25

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	98.		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	7.1		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	0.94	J	ug/l	2.0	0.31	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	43		21-120
Phenol-d6	37		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	63		15-120
2,4,6-Tribromophenol	80		10-120
4-Terphenyl-d14	62		41-149

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566617

Project Number: 170197605 **Report Date:** 10/30/25

SAMPLE RESULTS

Lab ID: L2566617-03
Client ID: B-MW206_102125
Sample Location: QUEENS, NY

Date Collected: 10/21/25 10:10
Date Received: 10/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/28/25 18:45
Analyst: CSN

Extraction Method: EPA 3510C
Extraction Date: 10/28/25 09:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.14		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	2.4		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	0.04	J	ug/l	0.10	0.02	1
Anthracene	0.17		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	0.33		ug/l	0.10	0.03	1
Phenanthrene	0.57		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	0.12		ug/l	0.10	0.04	1
2-Methylnaphthalene	0.48		ug/l	0.10	0.03	1
Pentachlorophenol	0.56	J	ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566617

Project Number: 170197605 **Report Date:** 10/30/25

SAMPLE RESULTS

Lab ID: L2566617-03 Date Collected: 10/21/25 10:10

Client ID: B-MW206_102125 Date Received: 10/21/25

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	45		21-120
Phenol-d6	37		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	43		15-120
2,4,6-Tribromophenol	57		10-120
4-Terphenyl-d14	52		41-149

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566617

Project Number: 170197605 **Report Date:** 10/30/25

SAMPLE RESULTS

Lab ID: L2566617-03
Client ID: B-MW206_102125
Sample Location: QUEENS, NY

Date Collected: 10/21/25 10:10
Date Received: 10/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/29/25 16:26
Analyst: DMC

Extraction Method: EPA 3510C
Extraction Date: 10/26/25 08:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	970.		ng/l	278	31.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	50		15-110

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566617

Project Number: 170197605 **Report Date:** 10/30/25

SAMPLE RESULTS

Lab ID: L2566617-04
Client ID: C-MW205_102125
Sample Location: QUEENS, NY

Date Collected: 10/21/25 11:10
Date Received: 10/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 10/25/25 20:28
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 10/25/25 01:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	3.7	J	ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566617

Project Number: 170197605 **Report Date:** 10/30/25

SAMPLE RESULTS

Lab ID: L2566617-04 Date Collected: 10/21/25 11:10

Client ID: C-MW205_102125 Date Received: 10/21/25

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	1.1	J	ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	59		21-120
Phenol-d6	45		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	76		15-120
2,4,6-Tribromophenol	85		10-120
4-Terphenyl-d14	66		41-149

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566617

Project Number: 170197605 **Report Date:** 10/30/25

SAMPLE RESULTS

Lab ID: L2566617-04
Client ID: C-MW205_102125
Sample Location: QUEENS, NY

Date Collected: 10/21/25 11:10
Date Received: 10/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/28/25 14:06
Analyst: DMC

Extraction Method: EPA 3510C
Extraction Date: 10/26/25 08:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	3160		ng/l	300	33.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	42		15-110

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566617

Project Number: 170197605 **Report Date:** 10/30/25

SAMPLE RESULTS

Lab ID: L2566617-04
Client ID: C-MW205_102125
Sample Location: QUEENS, NY

Date Collected: 10/21/25 11:10
Date Received: 10/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/28/25 19:02
Analyst: CSN

Extraction Method: EPA 3510C
Extraction Date: 10/28/25 09:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.31		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.14		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	1.0		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	0.27		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	0.43		ug/l	0.10	0.03	1
Phenanthrene	0.62		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	0.10	J	ug/l	0.10	0.04	1
2-Methylnaphthalene	0.22		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566617

Project Number: 170197605 **Report Date:** 10/30/25

SAMPLE RESULTS

Lab ID: L2566617-04 Date Collected: 10/21/25 11:10

Client ID: C-MW205_102125 Date Received: 10/21/25

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		21-120
Phenol-d6	43		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	52		15-120
2,4,6-Tribromophenol	67		10-120
4-Terphenyl-d14	61		41-149

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566617

Project Number: 170197605 **Report Date:** 10/30/25

SAMPLE RESULTS

Lab ID: L2566617-05
Client ID: B-MW201R_102125
Sample Location: QUEENS, NY

Date Collected: 10/21/25 12:20
Date Received: 10/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 10/25/25 20:49
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 10/25/25 01:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	4.0		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	3.2	J	ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566617

Project Number: 170197605 **Report Date:** 10/30/25

SAMPLE RESULTS

Lab ID: L2566617-05 Date Collected: 10/21/25 12:20

Client ID: B-MW201R_102125 Date Received: 10/21/25

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	0.49	J	ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	1.3	J	ug/l	2.0	0.31	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		21-120
Phenol-d6	40		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	74		15-120
2,4,6-Tribromophenol	82		10-120
4-Terphenyl-d14	67		41-149

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566617

Project Number: 170197605 **Report Date:** 10/30/25

SAMPLE RESULTS

Lab ID: L2566617-05
Client ID: B-MW201R_102125
Sample Location: QUEENS, NY

Date Collected: 10/21/25 12:20
Date Received: 10/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/28/25 19:19
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 10/28/25 09:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	0.59		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	1.6		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	0.07	J	ug/l	0.10	0.02	1
Anthracene	0.16		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	0.56		ug/l	0.10	0.03	1
Phenanthrene	0.59		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	0.29		ug/l	0.10	0.03	1
Pentachlorophenol	0.09	J	ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566617

Project Number: 170197605 **Report Date:** 10/30/25

SAMPLE RESULTS

Lab ID: L2566617-05 Date Collected: 10/21/25 12:20

Client ID: B-MW201R_102125 Date Received: 10/21/25

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	40		21-120
Phenol-d6	35		10-120
Nitrobenzene-d5	56		23-120
2-Fluorobiphenyl	46		15-120
2,4,6-Tribromophenol	58		10-120
4-Terphenyl-d14	53		41-149

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566617

Project Number: 170197605 **Report Date:** 10/30/25

SAMPLE RESULTS

Lab ID: L2566617-05
Client ID: B-MW201R_102125
Sample Location: QUEENS, NY

Date Collected: 10/21/25 12:20
Date Received: 10/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/29/25 16:54
Analyst: DMC

Extraction Method: EPA 3510C
Extraction Date: 10/26/25 08:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	1290		ng/l	288	32.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	39		15-110

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566617

Project Number: 170197605 **Report Date:** 10/30/25

SAMPLE RESULTS

Lab ID: L2566617-07
Client ID: DUP01_102125
Sample Location: QUEENS, NY

Date Collected: 10/21/25 00:00
Date Received: 10/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 10/25/25 21:11
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 10/25/25 01:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	3.4	J	ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566617

Project Number: 170197605 **Report Date:** 10/30/25

SAMPLE RESULTS

Lab ID: L2566617-07 Date Collected: 10/21/25 00:00

Client ID: DUP01_102125 Date Received: 10/21/25

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	82.		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	5.0		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	17.	J	ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		21-120
Phenol-d6	40		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	70		15-120
2,4,6-Tribromophenol	77		10-120
4-Terphenyl-d14	62		41-149

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566617

Project Number: 170197605 **Report Date:** 10/30/25

SAMPLE RESULTS

Lab ID: L2566617-07
Client ID: DUP01_102125
Sample Location: QUEENS, NY

Date Collected: 10/21/25 00:00
Date Received: 10/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/28/25 19:36
Analyst: CSN

Extraction Method: EPA 3510C
Extraction Date: 10/28/25 09:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.10		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	1.6		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	0.30		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	0.39		ug/l	0.10	0.03	1
Phenanthrene	0.41		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	0.08	J	ug/l	0.10	0.04	1
2-Methylnaphthalene	0.34		ug/l	0.10	0.03	1
Pentachlorophenol	0.15	J	ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566617

Project Number: 170197605 **Report Date:** 10/30/25

SAMPLE RESULTS

Lab ID: L2566617-07 Date Collected: 10/21/25 00:00

Client ID: DUP01_102125 Date Received: 10/21/25

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	48		21-120
Phenol-d6	41		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	47		15-120
2,4,6-Tribromophenol	59		10-120
4-Terphenyl-d14	52		41-149

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566617

Project Number: 170197605 **Report Date:** 10/30/25

SAMPLE RESULTS

Lab ID: L2566617-07
Client ID: DUP01_102125
Sample Location: QUEENS, NY

Date Collected: 10/21/25 00:00
Date Received: 10/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/29/25 17:22
Analyst: DMC

Extraction Method: EPA 3510C
Extraction Date: 10/26/25 08:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	3680		ng/l	288	32.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	41		15-110

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566617

Project Number: 170197605 **Report Date:** 10/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/25/25 12:12
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 10/24/25 18:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05,07 Batch: WG2132501-1					
Acenaphthene	ND		ug/l	2.0	0.40
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98
Hexachlorobenzene	ND		ug/l	2.0	0.45
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39
2-Chloronaphthalene	ND		ug/l	2.0	0.35
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84
Fluoranthene	ND		ug/l	2.0	0.41
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84
Hexachlorobutadiene	ND		ug/l	2.0	0.36
Hexachlorocyclopentadiene	ND		ug/l	20	1.2
Hexachloroethane	ND		ug/l	2.0	0.20
Isophorone	ND		ug/l	5.0	0.86
Naphthalene	ND		ug/l	2.0	0.54
Nitrobenzene	ND		ug/l	2.0	0.20
NDPA/DPA	ND		ug/l	2.0	0.92
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566617

Project Number: 170197605 **Report Date:** 10/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/25/25 12:12
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 10/24/25 18:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05,07 Batch: WG2132501-1					
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4
Butyl benzyl phthalate	ND		ug/l	5.0	2.6
Di-n-butylphthalate	ND		ug/l	5.0	0.96
Di-n-octylphthalate	ND		ug/l	5.0	2.3
Diethyl phthalate	ND		ug/l	5.0	0.76
Dimethyl phthalate	ND		ug/l	5.0	0.92
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.37
Benzo(b)fluoranthene	ND		ug/l	2.0	0.53
Benzo(k)fluoranthene	ND		ug/l	2.0	0.62
Chrysene	ND		ug/l	2.0	0.22
Acenaphthylene	ND		ug/l	2.0	0.32
Anthracene	ND		ug/l	2.0	0.47
Benzo(ghi)perylene	ND		ug/l	2.0	0.37
Fluorene	ND		ug/l	2.0	0.44
Phenanthrene	ND		ug/l	2.0	0.42
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.29
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.48
Pyrene	ND		ug/l	2.0	0.41
Biphenyl	ND		ug/l	2.0	0.20
4-Chloroaniline	ND		ug/l	5.0	0.47
2-Nitroaniline	ND		ug/l	5.0	1.0
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.4

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566617

Project Number: 170197605 **Report Date:** 10/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/25/25 12:12
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 10/24/25 18:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05,07 Batch: WG2132501-1					
Dibenzofuran	ND		ug/l	2.0	0.40
2-Methylnaphthalene	ND		ug/l	2.0	0.37
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24
Acetophenone	ND		ug/l	5.0	0.92
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61
2-Chlorophenol	ND		ug/l	2.0	0.65
2,4-Dichlorophenol	ND		ug/l	5.0	1.7
2,4-Dimethylphenol	ND		ug/l	5.0	2.0
2-Nitrophenol	ND		ug/l	10	2.0
4-Nitrophenol	ND		ug/l	10	1.4
2,4-Dinitrophenol	ND		ug/l	20	5.4
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3
Pentachlorophenol	ND		ug/l	10	2.5
Phenol	ND		ug/l	5.0	0.35
2-Methylphenol	ND		ug/l	5.0	2.3
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.38
Carbazole	ND		ug/l	2.0	0.31

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566617

Project Number: 170197605 **Report Date:** 10/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/25/25 12:12
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 10/24/25 18:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05,07 Batch: WG2132501-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		21-120
Phenol-d6	42		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	68		15-120
2,4,6-Tribromophenol	60		10-120
4-Terphenyl-d14	50		41-149

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566617

Project Number: 170197605 **Report Date:** 10/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 10/25/25 17:25
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 10/24/25 18:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 02 Batch: WG2132502-1					
Acenaphthene	ND		ug/l	0.10	0.02
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	0.20		ug/l	0.10	0.03
Hexachlorobutadiene	ND		ug/l	0.50	0.02
Naphthalene	ND		ug/l	0.10	0.02
Benzo(a)anthracene	0.09	J	ug/l	0.10	0.03
Benzo(a)pyrene	0.20		ug/l	0.10	0.02
Benzo(b)fluoranthene	0.06	J	ug/l	0.10	0.03
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03
Chrysene	0.07	J	ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	0.06	J	ug/l	0.10	0.02
Benzo(ghi)perylene	ND		ug/l	0.10	0.02
Fluorene	0.04	J	ug/l	0.10	0.03
Phenanthrene	0.19		ug/l	0.10	0.04
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02
Pyrene	0.13		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.03
Pentachlorophenol	ND		ug/l	0.80	0.06
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.02

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566617

Project Number: 170197605 **Report Date:** 10/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 10/25/25 17:25
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 10/24/25 18:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 02 Batch: WG2132502-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		21-120
Phenol-d6	53		10-120
Nitrobenzene-d5	115		23-120
2-Fluorobiphenyl	92		15-120
2,4,6-Tribromophenol	**130**	Q	10-120
4-Terphenyl-d14	88		41-149

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566617

Project Number: 170197605 **Report Date:** 10/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 10/28/25 10:45
Analyst: DMC

Extraction Method: EPA 3510C
Extraction Date: 10/26/25 08:27

Parameter	Result	Qualifier	Units	RL	MDL
1,4 Dioxane by 8270E-SIM - Mansfield Lab for sample(s): 01-05,07 Batch: WG2132817-1					
1,4-Dioxane	ND		ng/l	300	33.9

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	38		15-110

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566617

Project Number: 170197605 **Report Date:** 10/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 10/28/25 18:11
Analyst: CSN

Extraction Method: EPA 3510C
Extraction Date: 10/28/25 09:12

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01,03-05,07 Batch: WG2133648-1					
Acenaphthene	ND		ug/l	0.10	0.02
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.03
Hexachlorobutadiene	ND		ug/l	0.50	0.02
Naphthalene	0.08	J	ug/l	0.10	0.02
Benzo(a)anthracene	ND		ug/l	0.10	0.03
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03
Chrysene	ND		ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	ND		ug/l	0.10	0.02
Benzo(ghi)perylene	ND		ug/l	0.10	0.02
Fluorene	ND		ug/l	0.10	0.03
Phenanthrene	ND		ug/l	0.10	0.04
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.03
Pentachlorophenol	ND		ug/l	0.80	0.06
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.02

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566617

Project Number: 170197605 **Report Date:** 10/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 10/28/25 18:11
Analyst: CSN

Extraction Method: EPA 3510C
Extraction Date: 10/28/25 09:12

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01,03-05,07 Batch: WG2133648-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		21-120
Phenol-d6	42		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	47		15-120
2,4,6-Tribromophenol	43		10-120
4-Terphenyl-d14	50		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: WILLETS POINT DEVELOPMENT OU-1
Project Number: 170197605
Lab Number: L2566617
Report Date: 10/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05,07 Batch: WG2132501-2 WG2132501-3								
Acenaphthene	65		64		37-111	2		30
1,2,4-Trichlorobenzene	61		55		39-98	10		30
Hexachlorobenzene	67		68		40-140	1		30
Bis(2-chloroethyl)ether	74		67		40-140	10		30
2-Chloronaphthalene	65		61		40-140	6		30
1,2-Dichlorobenzene	61		57		40-140	7		30
1,3-Dichlorobenzene	58		55		40-140	5		30
1,4-Dichlorobenzene	59		54		36-97	9		30
3,3'-Dichlorobenzidine	76		74		40-140	3		30
2,4-Dinitrotoluene	80		75		48-143	6		30
2,6-Dinitrotoluene	82		74		40-140	10		30
Fluoranthene	67		69		40-140	3		30
4-Chlorophenyl phenyl ether	70		62		40-140	12		30
4-Bromophenyl phenyl ether	69		63		40-140	9		30
Bis(2-chloroisopropyl)ether	57		51		40-140	11		30
Bis(2-chloroethoxy)methane	77		69		40-140	11		30
Hexachlorobutadiene	61		59		40-140	3		30
Hexachlorocyclopentadiene	44		42		40-140	5		30
Hexachloroethane	64		56		40-140	13		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: WILLETS POINT DEVELOPMENT OU-1
Project Number: 170197605
Lab Number: L2566617
Report Date: 10/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05,07 Batch: WG2132501-2 WG2132501-3								
Isophorone	85		75		40-140	13		30
Naphthalene	63		60		40-140	5		30
Nitrobenzene	83		75		40-140	10		30
NDPA/DPA	71		67		40-140	6		30
n-Nitrosodi-n-propylamine	93		79		29-132	16		30
Bis(2-ethylhexyl)phthalate	105		88		40-140	18		30
Butyl benzyl phthalate	76		75		40-140	1		30
Di-n-butylphthalate	86		79		40-140	8		30
Di-n-octylphthalate	95		87		40-140	9		30
Diethyl phthalate	77		73		40-140	5		30
Dimethyl phthalate	77		68		40-140	12		30
Benzo(a)anthracene	81		78		40-140	4		30
Benzo(a)pyrene	76		81		40-140	6		30
Benzo(b)fluoranthene	79		82		40-140	4		30
Benzo(k)fluoranthene	68		73		40-140	7		30
Chrysene	78		73		40-140	7		30
Acenaphthylene	72		65		45-123	10		30
Anthracene	69		66		40-140	4		30
Benzo(ghi)perylene	79		72		40-140	9		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: WILLETS POINT DEVELOPMENT OU-1
Project Number: 170197605

Lab Number: L2566617
Report Date: 10/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05,07 Batch: WG2132501-2 WG2132501-3								
Fluorene	68		65		40-140	5		30
Phenanthrene	66		66		40-140	0		30
Dibenzo(a,h)anthracene	79		75		40-140	5		30
Indeno(1,2,3-cd)pyrene	82		78		40-140	5		30
Pyrene	62		65		26-127	5		30
Biphenyl	65		59		40-140	10		30
4-Chloroaniline	63		66		40-140	5		30
2-Nitroaniline	83		76		52-143	9		30
3-Nitroaniline	65		61		25-145	6		30
4-Nitroaniline	69		65		51-143	6		30
Dibenzofuran	66		64		40-140	3		30
2-Methylnaphthalene	65		62		40-140	5		30
1,2,4,5-Tetrachlorobenzene	65		61		2-134	6		30
Acetophenone	75		66		39-129	13		30
2,4,6-Trichlorophenol	90		77		30-130	16		30
p-Chloro-m-cresol	83		73		23-97	13		30
2-Chlorophenol	72		63		27-123	13		30
2,4-Dichlorophenol	78		66		30-130	17		30
2,4-Dimethylphenol	78		69		30-130	12		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: WILLETS POINT DEVELOPMENT OU-1
Project Number: 170197605
Lab Number: L2566617
Report Date: 10/30/25

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05,07 Batch: WG2132501-2 WG2132501-3

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
2-Nitrophenol	83		73		30-130	13		30
4-Nitrophenol	58		65		10-80	11		30
2,4-Dinitrophenol	**18**	Q	32		20-130	**56**	Q	30
4,6-Dinitro-o-cresol	39		48		20-164	21		30
Pentachlorophenol	61		73		9-103	18		30
Phenol	53		46		12-110	14		30
2-Methylphenol	76		65		30-130	16		30
3-Methylphenol/4-Methylphenol	74		65		30-130	13		30
2,4,5-Trichlorophenol	84		77		30-130	9		30
Benzoic Acid	69		76		10-164	10		30
Benzyl Alcohol	76		68		26-116	11		30
Carbazole	68		66		55-144	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: WILLETS POINT DEVELOPMENT OU-1
Project Number: 170197605

Lab Number: L2566617
Report Date: 10/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05,07 Batch: WG2132501-2 WG2132501-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	60		53		21-120
Phenol-d6	51		45		10-120
Nitrobenzene-d5	94		79		23-120
2-Fluorobiphenyl	76		63		15-120
2,4,6-Tribromophenol	74		69		10-120
4-Terphenyl-d14	60		57		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: WILLETS POINT DEVELOPMENT OU-1
Project Number: 170197605
Lab Number: L2566617
Report Date: 10/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab	Associated sample(s): 02		Batch: WG2132502-2 WG2132502-3					
Acenaphthene	84		80		40-140	5		40
2-Chloronaphthalene	85		82		40-140	4		40
Fluoranthene	96		94		40-140	2		40
Hexachlorobutadiene	70		67		40-140	4		40
Naphthalene	75		72		40-140	4		40
Benzo(a)anthracene	93		88		40-140	6		40
Benzo(a)pyrene	103		98		40-140	5		40
Benzo(b)fluoranthene	102		94		40-140	8		40
Benzo(k)fluoranthene	97		95		40-140	2		40
Chrysene	101		95		40-140	6		40
Acenaphthylene	93		89		40-140	4		40
Anthracene	94		90		40-140	4		40
Benzo(ghi)perylene	97		91		40-140	6		40
Fluorene	87		82		40-140	6		40
Phenanthrene	81		77		40-140	5		40
Dibenzo(a,h)anthracene	110		102		40-140	8		40
Indeno(1,2,3-cd)pyrene	108		102		40-140	6		40
Pyrene	96		94		40-140	2		40
2-Methylnaphthalene	82		79		40-140	4		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: WILLETS POINT DEVELOPMENT OU-1
Project Number: 170197605
Lab Number: L2566617
Report Date: 10/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 02 Batch: WG2132502-2 WG2132502-3								
Pentachlorophenol	129		126		40-140	2		40
Hexachlorobenzene	92		88		40-140	4		40
Hexachloroethane	75		72		40-140	4		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	55		48		21-120
Phenol-d6	55		51		10-120
Nitrobenzene-d5	116		107		23-120
2-Fluorobiphenyl	89		81		15-120
2,4,6-Tribromophenol	**140**	Q	**129**	Q	10-120
4-Terphenyl-d14	91		83		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: WILLETS POINT DEVELOPMENT OU-1
Project Number: 170197605

Lab Number: L2566617
Report Date: 10/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
1,4 Dioxane by 8270E-SIM - Mansfield Lab	Associated sample(s): 01-05,07		Batch: WG2132817-2 WG2132817-3					
1,4-Dioxane	117		126		40-140	7		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,4-Dioxane-d8	35		38		15-110

Lab Control Sample Analysis
Batch Quality Control

Project Name: WILLETS POINT DEVELOPMENT OU-1
Project Number: 170197605
Lab Number: L2566617
Report Date: 10/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01,03-05,07 Batch: WG2133648-2 WG2133648-3								
Acenaphthene	65		66		40-140	2		40
2-Chloronaphthalene	53		53		40-140	0		40
Fluoranthene	69		81		40-140	16		40
Hexachlorobutadiene	40		**38**	Q	40-140	5		40
Naphthalene	55		55		40-140	0		40
Benzo(a)anthracene	75		90		40-140	18		40
Benzo(a)pyrene	83		99		40-140	18		40
Benzo(b)fluoranthene	81		93		40-140	14		40
Benzo(k)fluoranthene	79		96		40-140	19		40
Chrysene	84		99		40-140	16		40
Acenaphthylene	60		60		40-140	0		40
Anthracene	75		85		40-140	13		40
Benzo(ghi)perylene	83		100		40-140	19		40
Fluorene	66		70		40-140	6		40
Phenanthrene	71		81		40-140	13		40
Dibenzo(a,h)anthracene	85		102		40-140	18		40
Indeno(1,2,3-cd)pyrene	90		108		40-140	18		40
Pyrene	68		79		40-140	15		40
2-Methylnaphthalene	58		58		40-140	0		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: WILLETS POINT DEVELOPMENT OU-1
Project Number: 170197605
Lab Number: L2566617
Report Date: 10/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01,03-05,07 Batch: WG2133648-2 WG2133648-3								
Pentachlorophenol	**32**	Q	**37**	Q	40-140	14		40
Hexachlorobenzene	70		81		40-140	15		40
Hexachloroethane	55		54		40-140	2		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	59		59		21-120
Phenol-d6	49		47		10-120
Nitrobenzene-d5	67		70		23-120
2-Fluorobiphenyl	52		52		15-120
2,4,6-Tribromophenol	55		58		10-120
4-Terphenyl-d14	76		79		41-149

Project Name: WILLETS POINT DEVELOPMENT OU-1
Project Number: 170197605

Lab Number: L2566617
Report Date: 10/30/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2566617-01A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2566617-01B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2566617-01C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2566617-01D	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2566617-01E	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2566617-01F	Amber 250ml unpreserved	NA	NA			Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2566617-01G	Amber 250ml unpreserved	NA	NA			Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2566617-02A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2566617-02B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2566617-02C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2566617-02D	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2566617-02E	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2566617-02F	Amber 250ml unpreserved	NA	NA			Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2566617-02G	Amber 250ml unpreserved	NA	NA			Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2566617-03A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2566617-03B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2566617-03C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2566617-03D	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2566617-03E	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2566617-03F	Amber 250ml unpreserved	NA	NA			Y	Absent		A2-1,4-DIOXANE-SIM(7)

*Values in parentheses indicate holding time in days

Project Name: WILLETS POINT DEVELOPMENT OU-1
Project Number: 170197605

Lab Number: L2566617
Report Date: 10/30/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2566617-03G	Amber 250ml unpreserved	NA	NA			Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2566617-04A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2566617-04B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2566617-04C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2566617-04D	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2566617-04E	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2566617-04F	Amber 250ml unpreserved	NA	NA			Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2566617-04G	Amber 250ml unpreserved	NA	NA			Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2566617-05A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2566617-05B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2566617-05C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2566617-05D	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2566617-05E	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2566617-05F	Amber 250ml unpreserved	NA	NA			Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2566617-05G	Amber 250ml unpreserved	NA	NA			Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2566617-06A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2566617-06B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2566617-07A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2566617-07B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2566617-07C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2566617-07D	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2566617-07E	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2566617-07F	Amber 250ml unpreserved	NA	NA			Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2566617-07G	Amber 250ml unpreserved	NA	NA			Y	Absent		A2-1,4-DIOXANE-SIM(7)

*Values in parentheses indicate holding time in days

Project Name:	WILLETS POINT DEVELOPMENT OU-1	**Lab Number:**	L2566617
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GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

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Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were

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Data Qualifiers

estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: WILLETS POINT DEVELOPMENT OU-1 **Lab Number:** L2566617

Project Number: 170197605 **Report Date:** 10/30/25

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

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, SM4500CL-G, 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.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY kY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (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
MA M-MA00030, CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 85084, 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, LA 245052, 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.

NEW YORK CHAIN OF CUSTODY

ALPHA

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 10/02/25

ALPHA Job #: L2566617

Client Information

Client: Langan
Address: 368 9th Ave 8th Flr
NY, NY 10001
Phone: 212-479-5400
Fax:
Email: NPalumbo@langan.com

Project Information

Project Name: Willets Point Development OU-1
Project Location: Queens, NY
Project #: 170197605
(Use Project name as Project #) ☐
Project Manager: Nicholas Palumbo
ALPHAQuote #: 26213

Turn-Around Time

Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☒ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☐ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
CC: data management@langan.com / hblvestone@langan.com

Please specify Metals or TAL.

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOCs	TCL SVOCs	1,4-Dioxane	Part 375/TCL VOCs	Sample Specific Comments
66617-01	C-RMW01_102125	10-21-25	8:50	AQ	SM	X	X	X		
02	C-MW201_102125		8:55		AF	X	X	X		
03	B-MW206_102125		10:10		SM	X	X	X		
04	C-MW205_102125		11:10		AF	X	X	X		
05	B-MW201R_102125		12:20		AF	X	X	X		B-MW201R
06	TB02_102125		lab		Lab				X	
07	DUP01_102125		—		—	X	X	X		

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Total Bottle

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
Shaun Mook	10-21-25 16:23		
	10/21/25 19:06		10/21/25 16:30
	10/22		10/21 2200
	10/22 220		10/22/25 0220

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

Sample Delivery Group Summary

Pace Job Number : L2566617
Received : 21-OCT-2025
Reviewer : Ryan Morrissey

Account Name : Langan Engineering & Environmental
Project Number : 170197605
Project Name : WILLETS POINT DEVELOPMENT OU-1

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	2.8	

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**NA**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NO**

ANALYTICAL REPORT

Lab Number:	L2566618
Client:	Langan Engineering & Environmental 21 Penn Plaza 360 W. 31st Street, 8th Floor New York, NY 10001-2727
ATTN:	Elizabeth Burgess
Phone:	(212) 479-5499
Project Name:	WILLETS POINT DEVELOPMENT OU-2
Project Number:	170197605
Report Date:	10/30/25

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

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: WILLETS POINT DEVELOPMENT OU-2
Project Number: 170197605

Lab Number: L2566618
Report Date: 10/30/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2566618-01	J-MW117_102125	WATER	QUEENS, NY	10/21/25 14:15	10/21/25
L2566618-02	E-RW105_102125	WATER	QUEENS, NY	10/21/25 12:00	10/21/25

Project Name:	WILLETS POINT DEVELOPMENT OU-2	**Lab Number:**	L2566618
Project Number:	170197605	**Report Date:**	10/30/25

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:	WILLETS POINT DEVELOPMENT OU-2	**Lab Number:**	L2566618
Project Number:	170197605	**Report Date:**	10/30/25

Case Narrative (continued)

Report Submission

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

Semivolatile Organics by SIM

The WG2132502-1 Method Blank associated with L2566618-02 has concentrations above the reporting limits for Fluoranthene, Benzo(a)pyrene, Phenanthrene, and Pyrene. Since the associated sample concentrations are either greater than 10x the blank concentrations or non-detect to the RLs for these target analytes, no corrective action is required. Any results detected below the reporting limits are qualified with a "B".

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

Authorized Signature: Cristin Walker

Title: Technical Director/Representative Date: 10/30/25

ORGANICS

VOLATILES

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566618

Project Number: 170197605 **Report Date:** 10/30/25

SAMPLE RESULTS

Lab ID: L2566618-01 Date Collected: 10/21/25 14:15
Client ID: J-MW117_102125 Date Received: 10/21/25
Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 10/29/25 09:57
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	49		ug/l	0.50	0.16	1
Toluene	2.1	J	ug/l	2.5	0.70	1
Ethylbenzene	16		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566618

Project Number: 170197605 **Report Date:** 10/30/25

SAMPLE RESULTS

Lab ID: L2566618-01 Date Collected: 10/21/25 14:15

Client ID: J-MW117_102125 Date Received: 10/21/25

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	100		ug/l	2.5	0.17	1
p/m-Xylene	36		ug/l	2.5	0.70	1
o-Xylene	22		ug/l	2.5	0.70	1
Xylenes, Total	58		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	27		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	1.4	J	ug/l	2.5	0.70	1
sec-Butylbenzene	1.1	J	ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	7.3		ug/l	2.5	0.70	1
p-Isopropyltoluene	2.4	J	ug/l	2.5	0.70	1
Naphthalene	41		ug/l	2.5	0.70	1

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566618

Project Number: 170197605 **Report Date:** 10/30/25

SAMPLE RESULTS

Lab ID: L2566618-01 Date Collected: 10/21/25 14:15

Client ID: J-MW117_102125 Date Received: 10/21/25

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	14		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	7.2		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	33		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	1.4	J	ug/l	2.0	0.70	1
p-Ethyltoluene	13		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	6.4		ug/l	2.0	0.54	1
Ethyl ether	1.4	J	ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	106		70-130

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566618

Project Number: 170197605 **Report Date:** 10/30/25

SAMPLE RESULTS

Lab ID: L2566618-02 Date Collected: 10/21/25 12:00
Client ID: E-RW105_102125 Date Received: 10/21/25
Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 10/29/25 01:46
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	0.23	J	ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.22	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566618

Project Number: 170197605 **Report Date:** 10/30/25

SAMPLE RESULTS

Lab ID: L2566618-02 Date Collected: 10/21/25 12:00

Client ID: E-RW105_102125 Date Received: 10/21/25

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	2.2	J	ug/l	2.5	0.70	1
Methyl tert butyl ether	0.24	J	ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	3.9	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566618

Project Number: 170197605 **Report Date:** 10/30/25

SAMPLE RESULTS

Lab ID: L2566618-02 Date Collected: 10/21/25 12:00

Client ID: E-RW105_102125 Date Received: 10/21/25

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	103		70-130

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566618

Project Number: 170197605 **Report Date:** 10/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/28/25 19:48
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG2134363-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566618

Project Number: 170197605 **Report Date:** 10/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/28/25 19:48
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG2134363-5					
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566618

Project Number: 170197605 **Report Date:** 10/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/28/25 19:48
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG2134363-5					
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566618

Project Number: 170197605 **Report Date:** 10/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/28/25 19:48
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG2134363-5					
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	104		70-130

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566618

Project Number: 170197605 **Report Date:** 10/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/29/25 09:09
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG2134489-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566618

Project Number: 170197605 **Report Date:** 10/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/29/25 09:09
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG2134489-5					
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566618

Project Number: 170197605 **Report Date:** 10/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/29/25 09:09
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG2134489-5					
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566618

Project Number: 170197605 **Report Date:** 10/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/29/25 09:09
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG2134489-5					
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	122		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	116		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: WILLETS POINT DEVELOPMENT OU-2
Project Number: 170197605
Lab Number: L2566618
Report Date: 10/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG2134363-3 WG2134363-4								
Methylene chloride	100		110		70-130	10		20
1,1-Dichloroethane	100		110		70-130	10		20
Chloroform	110		110		70-130	0		20
Carbon tetrachloride	110		120		63-132	9		20
1,2-Dichloropropane	100		110		70-130	10		20
Dibromochloromethane	100		110		63-130	10		20
1,1,2-Trichloroethane	100		100		70-130	0		20
Tetrachloroethene	110		120		70-130	9		20
Chlorobenzene	110		110		75-130	0		20
Trichlorofluoromethane	97		110		62-150	13		20
1,2-Dichloroethane	110		110		70-130	0		20
1,1,1-Trichloroethane	110		120		67-130	9		20
Bromodichloromethane	100		110		67-130	10		20
trans-1,3-Dichloropropene	100		110		70-130	10		20
cis-1,3-Dichloropropene	100		110		70-130	10		20
1,1-Dichloropropene	100		110		70-130	10		20
Bromoform	110		100		54-136	10		20
1,1,2,2-Tetrachloroethane	110		99		67-130	11		20
Benzene	100		120		70-130	18		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: WILLETS POINT DEVELOPMENT OU-2
Project Number: 170197605
Lab Number: L2566618
Report Date: 10/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG2134363-3 WG2134363-4								
Toluene	110		110		70-130	0		20
Ethylbenzene	110		110		70-130	0		20
Chloromethane	86		90		64-130	5		20
Bromomethane	**36**	Q	39		39-139	8		20
Vinyl chloride	85		92		55-140	8		20
Chloroethane	94		99		55-138	5		20
1,1-Dichloroethene	97		100		61-145	3		20
trans-1,2-Dichloroethene	100		110		70-130	10		20
Trichloroethene	110		120		70-130	9		20
1,2-Dichlorobenzene	120		110		70-130	9		20
1,3-Dichlorobenzene	120		110		70-130	9		20
1,4-Dichlorobenzene	120		110		70-130	9		20
Methyl tert butyl ether	100		110		63-130	10		20
p/m-Xylene	110		115		70-130	4		20
o-Xylene	110		115		70-130	4		20
cis-1,2-Dichloroethene	100		110		70-130	10		20
Dibromomethane	100		110		70-130	10		20
1,2,3-Trichloropropane	110		100		64-130	10		20
Acrylonitrile	100		110		70-130	10		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: WILLETS POINT DEVELOPMENT OU-2
Project Number: 170197605
Lab Number: L2566618
Report Date: 10/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG2134363-3 WG2134363-4								
Styrene	110		115		70-130	4		20
Dichlorodifluoromethane	88		95		36-147	8		20
Acetone	94		92		58-148	2		20
Carbon disulfide	100		110		51-130	10		20
2-Butanone	110		110		63-138	0		20
Vinyl acetate	110		120		70-130	9		20
4-Methyl-2-pentanone	100		100		59-130	0		20
2-Hexanone	93		97		57-130	4		20
Bromochloromethane	110		120		70-130	9		20
2,2-Dichloropropane	110		110		63-133	0		20
1,2-Dibromoethane	110		110		70-130	0		20
1,3-Dichloropropane	100		100		70-130	0		20
1,1,1,2-Tetrachloroethane	110		110		64-130	0		20
Bromobenzene	120		110		70-130	9		20
n-Butylbenzene	110		100		53-136	10		20
sec-Butylbenzene	110		100		70-130	10		20
tert-Butylbenzene	110		100		70-130	10		20
o-Chlorotoluene	110		100		70-130	10		20
p-Chlorotoluene	110		100		70-130	10		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: WILLETS POINT DEVELOPMENT OU-2
Project Number: 170197605

Lab Number: L2566618
Report Date: 10/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG2134363-3 WG2134363-4								
1,2-Dibromo-3-chloropropane	110		100		41-144	10		20
Hexachlorobutadiene	120		110		63-130	9		20
Isopropylbenzene	110		110		70-130	0		20
p-Isopropyltoluene	110		100		70-130	10		20
Naphthalene	120		110		70-130	9		20
n-Propylbenzene	110		100		69-130	10		20
1,2,3-Trichlorobenzene	120		110		70-130	9		20
1,2,4-Trichlorobenzene	120		110		70-130	9		20
1,3,5-Trimethylbenzene	110		100		64-130	10		20
1,2,4-Trimethylbenzene	110		100		70-130	10		20
1,4-Dioxane	106		110		56-162	4		20
p-Diethylbenzene	110		100		70-130	10		20
p-Ethyltoluene	110		110		70-130	0		20
1,2,4,5-Tetramethylbenzene	110		110		70-130	0		20
Ethyl ether	96		99		59-134	3		20
trans-1,4-Dichloro-2-butene	94		87		70-130	8		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: WILLETS POINT DEVELOPMENT OU-2
Project Number: 170197605

Lab Number: L2566618
Report Date: 10/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG2134363-3 WG2134363-4								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	106		103		70-130
Toluene-d8	98		97		70-130
4-Bromofluorobenzene	99		93		70-130
Dibromofluoromethane	104		104		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: WILLETS POINT DEVELOPMENT OU-2
Project Number: 170197605

Lab Number: L2566618
Report Date: 10/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG2134489-3 WG2134489-4								
Methylene chloride	91		96		70-130	5		20
1,1-Dichloroethane	110		110		70-130	0		20
Chloroform	97		100		70-130	3		20
Carbon tetrachloride	97		99		63-132	2		20
1,2-Dichloropropane	96		94		70-130	2		20
Dibromochloromethane	81		79		63-130	3		20
1,1,2-Trichloroethane	85		86		70-130	1		20
Tetrachloroethene	85		85		70-130	0		20
Chlorobenzene	92		91		75-130	1		20
Trichlorofluoromethane	100		100		62-150	0		20
1,2-Dichloroethane	100		110		70-130	10		20
1,1,1-Trichloroethane	99		100		67-130	1		20
Bromodichloromethane	90		86		67-130	5		20
trans-1,3-Dichloropropene	84		80		70-130	5		20
cis-1,3-Dichloropropene	85		85		70-130	0		20
1,1-Dichloropropene	88		89		70-130	1		20
Bromoform	69		70		54-136	1		20
1,1,2,2-Tetrachloroethane	82		83		67-130	1		20
Benzene	88		87		70-130	1		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: WILLETS POINT DEVELOPMENT OU-2
Project Number: 170197605

Lab Number: L2566618
Report Date: 10/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG2134489-3 WG2134489-4								
Toluene	92		94		70-130	2		20
Ethylbenzene	95		95		70-130	0		20
Chloromethane	96		100		64-130	4		20
Bromomethane	82		81		39-139	1		20
Vinyl chloride	98		100		55-140	2		20
Chloroethane	120		120		55-138	0		20
1,1-Dichloroethene	97		100		61-145	3		20
trans-1,2-Dichloroethene	97		97		70-130	0		20
Trichloroethene	86		83		70-130	4		20
1,2-Dichlorobenzene	88		90		70-130	2		20
1,3-Dichlorobenzene	89		88		70-130	1		20
1,4-Dichlorobenzene	90		92		70-130	2		20
Methyl tert butyl ether	83		84		63-130	1		20
p/m-Xylene	95		90		70-130	5		20
o-Xylene	90		90		70-130	0		20
cis-1,2-Dichloroethene	94		95		70-130	1		20
Dibromomethane	88		91		70-130	3		20
1,2,3-Trichloropropane	80		82		64-130	2		20
Acrylonitrile	98		100		70-130	2		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: WILLETS POINT DEVELOPMENT OU-2
Project Number: 170197605

Lab Number: L2566618
Report Date: 10/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG2134489-3 WG2134489-4								
Styrene	90		90		70-130	0		20
Dichlorodifluoromethane	82		84		36-147	2		20
Acetone	120		130		58-148	8		20
Carbon disulfide	99		100		51-130	1		20
2-Butanone	100		110		63-138	10		20
Vinyl acetate	90		92		70-130	2		20
4-Methyl-2-pentanone	88		92		59-130	4		20
2-Hexanone	100		110		57-130	10		20
Bromochloromethane	97		96		70-130	1		20
2,2-Dichloropropane	97		97		63-133	0		20
1,2-Dibromoethane	84		84		70-130	0		20
1,3-Dichloropropane	90		88		70-130	2		20
1,1,1,2-Tetrachloroethane	78		80		64-130	3		20
Bromobenzene	86		89		70-130	3		20
n-Butylbenzene	89		92		53-136	3		20
sec-Butylbenzene	90		90		70-130	0		20
tert-Butylbenzene	89		89		70-130	0		20
o-Chlorotoluene	90		91		70-130	1		20
p-Chlorotoluene	90		91		70-130	1		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: WILLETS POINT DEVELOPMENT OU-2
Project Number: 170197605

Lab Number: L2566618
Report Date: 10/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG2134489-3 WG2134489-4								
1,2-Dibromo-3-chloropropane	75		70		41-144	7		20
Hexachlorobutadiene	94		94		63-130	0		20
Isopropylbenzene	87		88		70-130	1		20
p-Isopropyltoluene	88		93		70-130	6		20
Naphthalene	81		83		70-130	2		20
n-Propylbenzene	91		91		69-130	0		20
1,2,3-Trichlorobenzene	84		84		70-130	0		20
1,2,4-Trichlorobenzene	87		88		70-130	1		20
1,3,5-Trimethylbenzene	89		89		64-130	0		20
1,2,4-Trimethylbenzene	88		89		70-130	1		20
1,4-Dioxane	82		82		56-162	0		20
p-Diethylbenzene	88		89		70-130	1		20
p-Ethyltoluene	91		93		70-130	2		20
1,2,4,5-Tetramethylbenzene	87		89		70-130	2		20
Ethyl ether	91		91		59-134	0		20
trans-1,4-Dichloro-2-butene	88		85		70-130	3		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: WILLETS POINT DEVELOPMENT OU-2
Project Number: 170197605

Lab Number: L2566618
Report Date: 10/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG2134489-3 WG2134489-4								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	119		120		70-130
Toluene-d8	102		102		70-130
4-Bromofluorobenzene	101		98		70-130
Dibromofluoromethane	110		105		70-130

SEMIVOLATILES

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566618

Project Number: 170197605 **Report Date:** 10/30/25

SAMPLE RESULTS

Lab ID: L2566618-01
Client ID: J-MW117_102125
Sample Location: QUEENS, NY

Date Collected: 10/21/25 14:15
Date Received: 10/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 10/25/25 21:32
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 10/25/25 01:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	2.2		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	15.		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566618

Project Number: 170197605 **Report Date:** 10/30/25

SAMPLE RESULTS

Lab ID: L2566618-01 Date Collected: 10/21/25 14:15

Client ID: J-MW117_102125 Date Received: 10/21/25

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	39.		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	6.6		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		21-120
Phenol-d6	48		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	81		15-120
2,4,6-Tribromophenol	71		10-120
4-Terphenyl-d14	69		41-149

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566618

Project Number: 170197605 **Report Date:** 10/30/25

SAMPLE RESULTS

Lab ID: L2566618-01
Client ID: J-MW117_102125
Sample Location: QUEENS, NY

Date Collected: 10/21/25 14:15
Date Received: 10/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/28/25 15:13
Analyst: DMC

Extraction Method: EPA 3510C
Extraction Date: 10/26/25 08:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	11000		ng/l	300	33.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	38		15-110

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566618

Project Number: 170197605 **Report Date:** 10/30/25

SAMPLE RESULTS

Lab ID: L2566618-01
Client ID: J-MW117_102125
Sample Location: QUEENS, NY

Date Collected: 10/21/25 14:15
Date Received: 10/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/28/25 19:53
Analyst: CSN

Extraction Method: EPA 3510C
Extraction Date: 10/28/25 09:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.97		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	23		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	0.53		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.60		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	0.23		ug/l	0.10	0.03	1
Chrysene	0.61		ug/l	0.10	0.03	1
Acenaphthylene	0.17		ug/l	0.10	0.02	1
Anthracene	1.6		ug/l	0.10	0.02	1
Benzo(ghi)perylene	0.45		ug/l	0.10	0.02	1
Fluorene	0.82		ug/l	0.10	0.03	1
Phenanthrene	1.4		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	0.38		ug/l	0.10	0.02	1
Pyrene	1.1		ug/l	0.10	0.04	1
2-Methylnaphthalene	8.6		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566618

Project Number: 170197605 **Report Date:** 10/30/25

SAMPLE RESULTS

Lab ID: L2566618-01 Date Collected: 10/21/25 14:15

Client ID: J-MW117_102125 Date Received: 10/21/25

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		21-120
Phenol-d6	47		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	53		15-120
2,4,6-Tribromophenol	65		10-120
4-Terphenyl-d14	54		41-149

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566618

Project Number: 170197605 **Report Date:** 10/30/25

SAMPLE RESULTS

Lab ID: L2566618-02
Client ID: E-RW105_102125
Sample Location: QUEENS, NY

Date Collected: 10/21/25 12:00
Date Received: 10/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 10/26/25 15:31
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 10/25/25 01:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	3.6	J	ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566618

Project Number: 170197605 **Report Date:** 10/30/25

SAMPLE RESULTS

Lab ID: L2566618-02 Date Collected: 10/21/25 12:00

Client ID: E-RW105_102125 Date Received: 10/21/25

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	2.1	J	ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		21-120
Phenol-d6	49		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	88		15-120
2,4,6-Tribromophenol	**127**	Q	10-120
4-Terphenyl-d14	90		41-149

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566618

Project Number: 170197605 **Report Date:** 10/30/25

SAMPLE RESULTS

Lab ID: L2566618-02
Client ID: E-RW105_102125
Sample Location: QUEENS, NY

Date Collected: 10/21/25 12:00
Date Received: 10/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/26/25 18:09
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 10/25/25 01:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.07	J	ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.09	JB	ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.05	J	ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	0.07	J	ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	0.05	J	ug/l	0.10	0.03	1
Phenanthrene	0.08	JB	ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	0.09	JB	ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566618

Project Number: 170197605 **Report Date:** 10/30/25

SAMPLE RESULTS

Lab ID: L2566618-02 Date Collected: 10/21/25 12:00

Client ID: E-RW105_102125 Date Received: 10/21/25

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		21-120
Phenol-d6	51		10-120
Nitrobenzene-d5	111		23-120
2-Fluorobiphenyl	96		15-120
2,4,6-Tribromophenol	**155**	Q	10-120
4-Terphenyl-d14	95		41-149

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566618

Project Number: 170197605 **Report Date:** 10/30/25

SAMPLE RESULTS

Lab ID: L2566618-02
Client ID: E-RW105_102125
Sample Location: QUEENS, NY

Date Collected: 10/21/25 12:00
Date Received: 10/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/29/25 17:50
Analyst: DMC

Extraction Method: EPA 3510C
Extraction Date: 10/26/25 08:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	206.	J	ng/l	288	32.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	40		15-110

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566618

Project Number: 170197605 **Report Date:** 10/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/25/25 12:12
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 10/24/25 18:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG2132501-1					
Acenaphthene	ND		ug/l	2.0	0.40
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98
Hexachlorobenzene	ND		ug/l	2.0	0.45
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39
2-Chloronaphthalene	ND		ug/l	2.0	0.35
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84
Fluoranthene	ND		ug/l	2.0	0.41
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84
Hexachlorobutadiene	ND		ug/l	2.0	0.36
Hexachlorocyclopentadiene	ND		ug/l	20	1.2
Hexachloroethane	ND		ug/l	2.0	0.20
Isophorone	ND		ug/l	5.0	0.86
Naphthalene	ND		ug/l	2.0	0.54
Nitrobenzene	ND		ug/l	2.0	0.20
NDPA/DPA	ND		ug/l	2.0	0.92
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566618

Project Number: 170197605 **Report Date:** 10/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/25/25 12:12
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 10/24/25 18:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG2132501-1					
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4
Butyl benzyl phthalate	ND		ug/l	5.0	2.6
Di-n-butylphthalate	ND		ug/l	5.0	0.96
Di-n-octylphthalate	ND		ug/l	5.0	2.3
Diethyl phthalate	ND		ug/l	5.0	0.76
Dimethyl phthalate	ND		ug/l	5.0	0.92
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.37
Benzo(b)fluoranthene	ND		ug/l	2.0	0.53
Benzo(k)fluoranthene	ND		ug/l	2.0	0.62
Chrysene	ND		ug/l	2.0	0.22
Acenaphthylene	ND		ug/l	2.0	0.32
Anthracene	ND		ug/l	2.0	0.47
Benzo(ghi)perylene	ND		ug/l	2.0	0.37
Fluorene	ND		ug/l	2.0	0.44
Phenanthrene	ND		ug/l	2.0	0.42
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.29
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.48
Pyrene	ND		ug/l	2.0	0.41
Biphenyl	ND		ug/l	2.0	0.20
4-Chloroaniline	ND		ug/l	5.0	0.47
2-Nitroaniline	ND		ug/l	5.0	1.0
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.4

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566618

Project Number: 170197605 **Report Date:** 10/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/25/25 12:12
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 10/24/25 18:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG2132501-1					
Dibenzofuran	ND		ug/l	2.0	0.40
2-Methylnaphthalene	ND		ug/l	2.0	0.37
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24
Acetophenone	ND		ug/l	5.0	0.92
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61
2-Chlorophenol	ND		ug/l	2.0	0.65
2,4-Dichlorophenol	ND		ug/l	5.0	1.7
2,4-Dimethylphenol	ND		ug/l	5.0	2.0
2-Nitrophenol	ND		ug/l	10	2.0
4-Nitrophenol	ND		ug/l	10	1.4
2,4-Dinitrophenol	ND		ug/l	20	5.4
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3
Pentachlorophenol	ND		ug/l	10	2.5
Phenol	ND		ug/l	5.0	0.35
2-Methylphenol	ND		ug/l	5.0	2.3
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.38
Carbazole	ND		ug/l	2.0	0.31

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566618

Project Number: 170197605 **Report Date:** 10/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/25/25 12:12
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 10/24/25 18:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG2132501-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		21-120
Phenol-d6	42		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	68		15-120
2,4,6-Tribromophenol	60		10-120
4-Terphenyl-d14	50		41-149

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566618

Project Number: 170197605 **Report Date:** 10/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 10/25/25 17:25
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 10/24/25 18:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 02 Batch: WG2132502-1					
Acenaphthene	ND		ug/l	0.10	0.02
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	0.20		ug/l	0.10	0.03
Hexachlorobutadiene	ND		ug/l	0.50	0.02
Naphthalene	ND		ug/l	0.10	0.02
Benzo(a)anthracene	0.09	J	ug/l	0.10	0.03
Benzo(a)pyrene	0.20		ug/l	0.10	0.02
Benzo(b)fluoranthene	0.06	J	ug/l	0.10	0.03
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03
Chrysene	0.07	J	ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	0.06	J	ug/l	0.10	0.02
Benzo(ghi)perylene	ND		ug/l	0.10	0.02
Fluorene	0.04	J	ug/l	0.10	0.03
Phenanthrene	0.19		ug/l	0.10	0.04
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02
Pyrene	0.13		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.03
Pentachlorophenol	ND		ug/l	0.80	0.06
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.02

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566618

Project Number: 170197605 **Report Date:** 10/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 10/25/25 17:25
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 10/24/25 18:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 02 Batch: WG2132502-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		21-120
Phenol-d6	53		10-120
Nitrobenzene-d5	115		23-120
2-Fluorobiphenyl	92		15-120
2,4,6-Tribromophenol	**130**	Q	10-120
4-Terphenyl-d14	88		41-149

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566618

Project Number: 170197605 **Report Date:** 10/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 10/28/25 10:45
Analyst: DMC

Extraction Method: EPA 3510C
Extraction Date: 10/26/25 08:27

Parameter	Result	Qualifier	Units	RL	MDL
1,4 Dioxane by 8270E-SIM - Mansfield Lab for sample(s): 01-02 Batch: WG2132818-1					
1,4-Dioxane	ND		ng/l	300	33.9

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	38		15-110

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566618

Project Number: 170197605 **Report Date:** 10/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 10/28/25 18:11
Analyst: CSN

Extraction Method: EPA 3510C
Extraction Date: 10/28/25 09:12

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01 Batch: WG2133648-1					
Acenaphthene	ND		ug/l	0.10	0.02
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.03
Hexachlorobutadiene	ND		ug/l	0.50	0.02
Naphthalene	0.08	J	ug/l	0.10	0.02
Benzo(a)anthracene	ND		ug/l	0.10	0.03
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03
Chrysene	ND		ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	ND		ug/l	0.10	0.02
Benzo(ghi)perylene	ND		ug/l	0.10	0.02
Fluorene	ND		ug/l	0.10	0.03
Phenanthrene	ND		ug/l	0.10	0.04
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.03
Pentachlorophenol	ND		ug/l	0.80	0.06
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.02

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566618

Project Number: 170197605 **Report Date:** 10/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 10/28/25 18:11
Analyst: CSN

Extraction Method: EPA 3510C
Extraction Date: 10/28/25 09:12

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01 Batch: WG2133648-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		21-120
Phenol-d6	42		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	47		15-120
2,4,6-Tribromophenol	43		10-120
4-Terphenyl-d14	50		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: WILLETS POINT DEVELOPMENT OU-2
Project Number: 170197605

Lab Number: L2566618
Report Date: 10/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG2132501-2 WG2132501-3								
Acenaphthene	65		64		37-111	2		30
1,2,4-Trichlorobenzene	61		55		39-98	10		30
Hexachlorobenzene	67		68		40-140	1		30
Bis(2-chloroethyl)ether	74		67		40-140	10		30
2-Chloronaphthalene	65		61		40-140	6		30
1,2-Dichlorobenzene	61		57		40-140	7		30
1,3-Dichlorobenzene	58		55		40-140	5		30
1,4-Dichlorobenzene	59		54		36-97	9		30
3,3'-Dichlorobenzidine	76		74		40-140	3		30
2,4-Dinitrotoluene	80		75		48-143	6		30
2,6-Dinitrotoluene	82		74		40-140	10		30
Fluoranthene	67		69		40-140	3		30
4-Chlorophenyl phenyl ether	70		62		40-140	12		30
4-Bromophenyl phenyl ether	69		63		40-140	9		30
Bis(2-chloroisopropyl)ether	57		51		40-140	11		30
Bis(2-chloroethoxy)methane	77		69		40-140	11		30
Hexachlorobutadiene	61		59		40-140	3		30
Hexachlorocyclopentadiene	44		42		40-140	5		30
Hexachloroethane	64		56		40-140	13		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: WILLETS POINT DEVELOPMENT OU-2
Project Number: 170197605
Lab Number: L2566618
Report Date: 10/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG2132501-2 WG2132501-3								
Isophorone	85		75		40-140	13		30
Naphthalene	63		60		40-140	5		30
Nitrobenzene	83		75		40-140	10		30
NDPA/DPA	71		67		40-140	6		30
n-Nitrosodi-n-propylamine	93		79		29-132	16		30
Bis(2-ethylhexyl)phthalate	105		88		40-140	18		30
Butyl benzyl phthalate	76		75		40-140	1		30
Di-n-butylphthalate	86		79		40-140	8		30
Di-n-octylphthalate	95		87		40-140	9		30
Diethyl phthalate	77		73		40-140	5		30
Dimethyl phthalate	77		68		40-140	12		30
Benzo(a)anthracene	81		78		40-140	4		30
Benzo(a)pyrene	76		81		40-140	6		30
Benzo(b)fluoranthene	79		82		40-140	4		30
Benzo(k)fluoranthene	68		73		40-140	7		30
Chrysene	78		73		40-140	7		30
Acenaphthylene	72		65		45-123	10		30
Anthracene	69		66		40-140	4		30
Benzo(ghi)perylene	79		72		40-140	9		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: WILLETS POINT DEVELOPMENT OU-2
Project Number: 170197605
Lab Number: L2566618
Report Date: 10/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG2132501-2 WG2132501-3								
Fluorene	68		65		40-140	5		30
Phenanthrene	66		66		40-140	0		30
Dibenzo(a,h)anthracene	79		75		40-140	5		30
Indeno(1,2,3-cd)pyrene	82		78		40-140	5		30
Pyrene	62		65		26-127	5		30
Biphenyl	65		59		40-140	10		30
4-Chloroaniline	63		66		40-140	5		30
2-Nitroaniline	83		76		52-143	9		30
3-Nitroaniline	65		61		25-145	6		30
4-Nitroaniline	69		65		51-143	6		30
Dibenzofuran	66		64		40-140	3		30
2-Methylnaphthalene	65		62		40-140	5		30
1,2,4,5-Tetrachlorobenzene	65		61		2-134	6		30
Acetophenone	75		66		39-129	13		30
2,4,6-Trichlorophenol	90		77		30-130	16		30
p-Chloro-m-cresol	83		73		23-97	13		30
2-Chlorophenol	72		63		27-123	13		30
2,4-Dichlorophenol	78		66		30-130	17		30
2,4-Dimethylphenol	78		69		30-130	12		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: WILLETS POINT DEVELOPMENT OU-2
Project Number: 170197605

Lab Number: L2566618
Report Date: 10/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG2132501-2 WG2132501-3								
2-Nitrophenol	83		73		30-130	13		30
4-Nitrophenol	58		65		10-80	11		30
2,4-Dinitrophenol	**18**	Q	32		20-130	**56**	Q	30
4,6-Dinitro-o-cresol	39		48		20-164	21		30
Pentachlorophenol	61		73		9-103	18		30
Phenol	53		46		12-110	14		30
2-Methylphenol	76		65		30-130	16		30
3-Methylphenol/4-Methylphenol	74		65		30-130	13		30
2,4,5-Trichlorophenol	84		77		30-130	9		30
Benzoic Acid	69		76		10-164	10		30
Benzyl Alcohol	76		68		26-116	11		30
Carbazole	68		66		55-144	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: WILLETS POINT DEVELOPMENT OU-2
Project Number: 170197605

Lab Number: L2566618
Report Date: 10/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG2132501-2 WG2132501-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	60		53		21-120
Phenol-d6	51		45		10-120
Nitrobenzene-d5	94		79		23-120
2-Fluorobiphenyl	76		63		15-120
2,4,6-Tribromophenol	74		69		10-120
4-Terphenyl-d14	60		57		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: WILLETS POINT DEVELOPMENT OU-2
Project Number: 170197605
Lab Number: L2566618
Report Date: 10/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab	Associated sample(s): 02		Batch: WG2132502-2 WG2132502-3					
Acenaphthene	84		80		40-140	5		40
2-Chloronaphthalene	85		82		40-140	4		40
Fluoranthene	96		94		40-140	2		40
Hexachlorobutadiene	70		67		40-140	4		40
Naphthalene	75		72		40-140	4		40
Benzo(a)anthracene	93		88		40-140	6		40
Benzo(a)pyrene	103		98		40-140	5		40
Benzo(b)fluoranthene	102		94		40-140	8		40
Benzo(k)fluoranthene	97		95		40-140	2		40
Chrysene	101		95		40-140	6		40
Acenaphthylene	93		89		40-140	4		40
Anthracene	94		90		40-140	4		40
Benzo(ghi)perylene	97		91		40-140	6		40
Fluorene	87		82		40-140	6		40
Phenanthrene	81		77		40-140	5		40
Dibenzo(a,h)anthracene	110		102		40-140	8		40
Indeno(1,2,3-cd)pyrene	108		102		40-140	6		40
Pyrene	96		94		40-140	2		40
2-Methylnaphthalene	82		79		40-140	4		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: WILLETS POINT DEVELOPMENT OU-2
Project Number: 170197605
Lab Number: L2566618
Report Date: 10/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 02 Batch: WG2132502-2 WG2132502-3								
Pentachlorophenol	129		126		40-140	2		40
Hexachlorobenzene	92		88		40-140	4		40
Hexachloroethane	75		72		40-140	4		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	55		48		21-120
Phenol-d6	55		51		10-120
Nitrobenzene-d5	116		107		23-120
2-Fluorobiphenyl	89		81		15-120
2,4,6-Tribromophenol	**140**	Q	**129**	Q	10-120
4-Terphenyl-d14	91		83		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: WILLETS POINT DEVELOPMENT OU-2
Project Number: 170197605

Lab Number: L2566618
Report Date: 10/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
1,4 Dioxane by 8270E-SIM - Mansfield Lab	Associated sample(s): 01-02		Batch: WG2132818-2		WG2132818-3			
1,4-Dioxane	117		126		40-140	7		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,4-Dioxane-d8	35		38		15-110

Lab Control Sample Analysis
Batch Quality Control

Project Name: WILLETS POINT DEVELOPMENT OU-2
Project Number: 170197605

Lab Number: L2566618
Report Date: 10/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab	Associated sample(s): 01		Batch: WG2133648-2 WG2133648-3					
Acenaphthene	65		66		40-140	2		40
2-Chloronaphthalene	53		53		40-140	0		40
Fluoranthene	69		81		40-140	16		40
Hexachlorobutadiene	40		**38**	Q	40-140	5		40
Naphthalene	55		55		40-140	0		40
Benzo(a)anthracene	75		90		40-140	18		40
Benzo(a)pyrene	83		99		40-140	18		40
Benzo(b)fluoranthene	81		93		40-140	14		40
Benzo(k)fluoranthene	79		96		40-140	19		40
Chrysene	84		99		40-140	16		40
Acenaphthylene	60		60		40-140	0		40
Anthracene	75		85		40-140	13		40
Benzo(ghi)perylene	83		100		40-140	19		40
Fluorene	66		70		40-140	6		40
Phenanthrene	71		81		40-140	13		40
Dibenzo(a,h)anthracene	85		102		40-140	18		40
Indeno(1,2,3-cd)pyrene	90		108		40-140	18		40
Pyrene	68		79		40-140	15		40
2-Methylnaphthalene	58		58		40-140	0		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: WILLETS POINT DEVELOPMENT OU-2
Project Number: 170197605
Lab Number: L2566618
Report Date: 10/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab	Associated sample(s): 01		Batch: WG2133648-2 WG2133648-3					
Pentachlorophenol	**32**	Q	**37**	Q	40-140	14		40
Hexachlorobenzene	70		81		40-140	15		40
Hexachloroethane	55		54		40-140	2		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	59		59		21-120
Phenol-d6	49		47		10-120
Nitrobenzene-d5	67		70		23-120
2-Fluorobiphenyl	52		52		15-120
2,4,6-Tribromophenol	55		58		10-120
4-Terphenyl-d14	76		79		41-149

Project Name: WILLETS POINT DEVELOPMENT OU-2
Project Number: 170197605

Lab Number: L2566618
Report Date: 10/30/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2566618-01A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2566618-01B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2566618-01C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2566618-01D	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2566618-01E	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2566618-01F	Amber 250ml unpreserved	NA	NA			Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2566618-01G	Amber 250ml unpreserved	NA	NA			Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2566618-02A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2566618-02B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2566618-02C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2566618-02D	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2566618-02E	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2566618-02F	Amber 250ml unpreserved	NA	NA			Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2566618-02G	Amber 250ml unpreserved	NA	NA			Y	Absent		A2-1,4-DIOXANE-SIM(7)

*Values in parentheses indicate holding time in days

Project Name:	WILLETS POINT DEVELOPMENT OU-2	**Lab Number:**	L2566618
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GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	WILLETS POINT DEVELOPMENT OU-2	**Lab Number:**	L2566618
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Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were

Report Format: DU Report with 'J' Qualifiers

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Data Qualifiers

estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: WILLETS POINT DEVELOPMENT OU-2 **Lab Number:** L2566618

Project Number: 170197605 **Report Date:** 10/30/25

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

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, SM4500CL-G, 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.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY kY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (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
MA M-MA00030, CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 85084, 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, LA 245052, 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.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 10/22/25

ALPHA Job #: L2566618

Client Information

Client: Langan
Address: 368 9th Ave 8th flr
NY, NY 10001
Phone: 212-479-5400
Fax:
Email: eburgess@langan.com

Project Information

Project Name: Willets Point Development OU-2
Project Location: Queens NY
Project #: 170197605
(Use Project name as Project #) ☐
Project Manager: Beth Burgess
ALPHAQuote #: 26213

Turn-Around Time

Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☒ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☐ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
CC: datamanagement@langan.com
hblivestone@langan.com

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOCs	TCL SVOCs	1,4-Dioxane	Total Bottle	Sample Specific Comments
666619-01	J-MW117_102125	10-21-25	1415	AQ	AF	X	X	X		
02	E-RW105_102125	10-21-25	1200	AQ	SM	X	X	X		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
	10-21-25 16:23		10/21/25 16:23
	10/21/25 19:26		10/21/25 19:26
	10/22 2200		10/22 2200

10122125-0220

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

Sample Delivery Group Summary

Pace Job Number : L2566618
Received : 21-OCT-2025
Reviewer : Ryan Morrissey

Account Name : Langan Engineering & Environmental
Project Number : 170197605
Project Name : WILLETS POINT DEVELOPMENT OU-2

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	2.8	

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**NA**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NO**

ATTACHMENT D
DATA USABILITY SUMMARY REPORTS

LANGAN
ENGINEERING & ENVIRONMENTAL SERVICES

Technical Memorandum

1 University Square Drive Princeton, NJ 08540 T: 609.282.8000
Mailing Address: 1 University Square Drive Princeton, NJ 08540

To: Elizabeth Burgess, Langan Project Engineer

From: Krzysztof Trafalski, Langan Senior Staff Chemist

Date: November 03, 2025

Re: Data Usability Summary Report
For Willets Point - Environmental
October 2025 Groundwater Samples
Langan Project No.: 170197605

This memorandum presents the findings of an analytical data validation from the analysis of groundwater samples collected in October 2025 by Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. at the Willets Point site. The samples were analyzed by Pace Analytical Services – Westborough, MA (NYSDOH NELAP registration # 11148) for volatile organic compounds (VOCs) and semivolatile organic compounds (SVOCs) by the methods specified below.

- VOCs by SW-846 Method 8260D
- SVOCs by SW-846 Method 8270E/8270E SIM

Table 1, attached, summarizes the laboratory and client sample identification numbers, sample collection dates, level of data validation, and analytical parameters subject to review.

Validation Overview

This data validation was performed in accordance with the following guidelines, where applicable:

- USEPA Region II Standard Operating Procedures (SOPs) for Data Validation
- USEPA Contract Laboratory Program "National Functional Guidelines for Organic Superfund Methods Data Review" (EPA 540- R-20-005, November 2020)
- USEPA Contract Laboratory Program "National Functional Guidelines for Inorganic Superfund Methods Data Review" (EPA 540- R-20-005, November 2020), and
- published analytical methodologies.

The following acronyms may be used in the discussion of data-quality issues:

%D	Percent Difference	MB	Method Blank
CCV	Continuing Calibration Verification	MDL	Method Detection Limit
FB	Field Blank	MS	Matrix Spike
FD	Field Duplicate	MSD	Matrix Spike Duplicate
ICAL	Initial Calibration	RF	Response Factor
ICV	Initial Calibration Verification	RL	Reporting Limit
ISTD	Internal Standard	RPD	Relative Percent Difference
LCL	Lower Control Limit	RSD	Relative Standard Deviation
LCS	Laboratory Control Sample	TB	Trip Blank
LCSD	Laboratory Control Sample Duplicate	UCL	Upper Control Limit

Tier 1 data validation is based on completeness and compliance checks of sample-related QC results including: sample receipt documentation; analytical holding times; sample preservation; blank results (method, field, and trip); surrogate recoveries; MS/MSD recoveries and RPDs values; field duplicate RPDs, laboratory duplicate RPDs, and LCS/LCSD recoveries and RPDs. Four (4) Sample Delivery Groups (SDGs) underwent Tier 1 validation review.

As a result of the review process, the following qualifiers may be assigned to the data in accordance with the USEPA guidelines and our best professional judgment:

- **R –** The sample results are unusable because certain criteria were not met when generating the data. The analyte may or may not be present in the sample.
- **J –** The analyte was positively identified, and the associated numerical value is the approximate concentration of the analyte in the sample.
- **UJ –** The analyte was not detected at a level greater than or equal to the reporting limit; however, the reported reporting limit is approximate and may be inaccurate or imprecise.
- **U –** The analyte was analyzed for but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.
- **NJ –** The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

If any validation qualifiers are assigned, these qualifiers should supersede any laboratory-applied qualifiers. Data that is not qualified because of this data validation is considered acceptable based on the items specified for review. Data that is qualified as "R" are considered invalid and are not technically usable for data interpretation. Data that is otherwise qualified because of minor data-quality anomalies are usable, as qualified in Table 2 (attached).

MAJOR DEFICIENCIES:

Major deficiencies include those that grossly impact data quality and necessitate the rejection of results. No major deficiencies were identified.

MINOR DEFICIENCIES:

Minor deficiencies include anomalies that directly impact data quality and necessitate qualification, but do not result in unusable data. The section below describes the minor deficiencies that were identified.

VOCs by SW-846 Method 8260D

L2566617

The TB (TB02_102125) exhibited a detection of acetone (2.2 ug/L). The associated detected results <10x the blank concentration in samples C-RMW01_102125, C-MW201_102125, B-MW206_102125, C-MW205_102125, B-MW201R_102125, and DUP01_102125 are qualified as J or U at the reporting limit because of potential blank contamination.

L2566618

The LCS for batch WG2134363 exhibited a percent recovery below the LCL for bromomethane (36%). The associated result in sample E-RW105_102125 is qualified as UJ because of potential low bias.

SVOCs by SW-846 Method 8270E/8270E SIM

L2566292

The MB for batch WG2132982 exhibited a detection of 2-methylnaphthalene [SIM] (0.04 ug/L), benzo(a)anthracene [SIM] (0.03 ug/L), and naphthalene [SIM] (0.31 ug/L). The associated detected results < 10x the blank concentration in samples J-MW201_102025, J-MW203_102025, J-MW118_102025, J-MW205_102025, J-MW204_102025, and J-MW202_102025 are qualified as J because of potential blank contamination.

The FB (GWFB01_102025) exhibited detections of benzoic acid (18 ug/L), dibutyl phthalate (1.1 ug/L), and phenol (0.51 ug/L). The associated trace results in samples J-MW201_102025, J-MW203_102025, J-MW118_102025, J-MW205_102025, J-MW204_102025, and J-MW202_102025 are qualified as U at the reporting limit because of potential blank contamination. The associated results that are >10x the blank concentration or non-detect require no qualifications.

L2566293

The LCS/LCSD for batch WG2132501 exhibited a percent recovery and RPD outside control limits for 2,4-dinitrophenol (LCS=18%, RPD=56%). The associated result in sample C-MW206_102025 is qualified as UJ because of potential low bias.

L2566617

The MB for batch WG2132502 exhibited detections of anthracene [SIM] (0.06 ug/L), benzo(a)anthracene [SIM] (0.09 ug/L), benzo(a)pyrene [SIM] (0.2 ug/L), benzo(b)fluoranthene [SIM] (0.06 ug/L), chrysene [SIM] (0.07 ug/L), fluoranthene [SIM] (0.2 ug/L), fluorene [SIM] (0.04 ug/L), phenanthrene [SIM] (0.19 ug/L), and pyrene [SIM] (0.13 ug/L). The associated detected results <10x the blank concentration in sample C-MW201_102125 are qualified as J or U at the reporting limit because of potential blank contamination.

The MB for batch WG2133648 exhibited a detection of naphthalene (0.08 ug/l). The associated result <10x the blank concentration in samples C-RMW01_102125, B-MW206_102125, C-MW205_102125, B-MW201R_102125, and DUP01_102125 is qualified as J because of potential blank contamination.

The LCS for batch WG2132501 exhibited a percent recovery below the LCL (18%) and a RPD above the control limit (56%) for 2,4-dinitrophenol. The associated results in samples C-RMW01_102125, C-MW201_102125, B-MW206_102125, C-MW205_102125, B-MW201R_102125, and DUP01_102125 are qualified as UJ because of potential low bias.

The LCS and/or LCSD for batch WG2133648 exhibited percent recoveries below the LCL for pentachlorophenol [SIM] (32%, 37%) and hexachlorobutadiene [SIM] (LCSD=38%). The associated results in samples C-RMW01_102125, B-MW206_102125, C-MW205_102125, B-MW201R_102125, and DUP01_102125 are qualified as J or UJ because of potential low bias.

L2566618

The MB for batch WG2132502 exhibited detections of anthracene [SIM] (0.06 ug/L), benzo(a)anthracene [SIM] (0.09 ug/L), benzo(a)pyrene [SIM] (0.2 ug/L), benzo(b)fluoranthene [SIM] (0.06 ug/L), chrysene [SIM] (0.07 ug/L), fluoranthene [SIM] (0.2 ug/L), fluorene [SIM] (0.04 ug/L), phenanthrene [SIM] (0.19 ug/L), and pyrene [SIM] (0.13 ug/L). The associated detected results in sample E-RW105_102125 are qualified as U at the reporting limit because of potential blank contamination.

The LCS and/or LCSD for batch WG2132501 exhibited a percent recovery below the LCL (18%) and an RPD above the control limit (56%) for 2,4-dinitrophenol. The associated results in samples J-MW117_102125 and E-RW105_102125 are qualified as UJ because of potential low bias.

The LCS and/or LCSD for batch WG2133648 exhibited percent recoveries below the LCL for pentachlorophenol (32%, 37%) and hexachlorobutadiene (LCSD=38%). The associated results in sample J-MW117_102125 are qualified as UJ because of potential low bias.

OTHER DEFICIENCIES:

Other deficiencies include anomalies that do not directly impact data quality and do not necessitate qualification. The section below describes the other deficiencies that were identified.

VOCs by SW-846 Method 8260D

L2566617

The LCS/LCSD for batch WG2134312 exhibited a percent recovery above the UCL for acetone (150%, 150%). The associated results were previously qualified. No further action is necessary.

SVOCs by SW-846 Method 8270E/8270E SIM

L2566292

The sample J-MW202_102025 exhibited percent recoveries above the UCL for the surrogates 2,4,6-tribromophenol (138%) and nitrobenzene-d5 (170%). Only one surrogate from each fraction was outside of the recovery control limits. No qualification is necessary.

The sample J-MW201_102025 exhibited a percent recovery above the UCL for the surrogate 2,4,6-tribromophenol [SIM] (123%). Only one surrogate from a single fraction was outside of the recovery control limits. No qualification is necessary.

The sample J-MW202_102025 exhibited a percent recovery above the UCL for the surrogate 2,4,6-tribromophenol [SIM] (123%). Only one surrogate from a single fraction was outside of the recovery control limits. No qualification is necessary.

The sample J-MW203_102025 exhibited a percent recovery above the UCL for the surrogate 2,4,6-tribromophenol [SIM] (122%). Only one surrogate from a single fraction was outside of the recovery control limits. No qualification is necessary.

The sample J-MW205_102025 exhibited a percent recovery above the UCL for the surrogate 2,4,6-tribromophenol [SIM] (124%). Only one surrogate from a single fraction was outside of the recovery control limits. No qualification is necessary.

The LCS/LCSD for batch WG2132501 exhibited a percent recovery and RPD outside of control limits for 2,4-dinitrophenol (LCS=18%, RPD=56%). The associated results in samples J-MW201_102025, J-MW203_102025, J-MW118_102025, J-MW205_102025, J-MW204_102025, and J-MW202_102025 are qualified as UJ because of potential low bias.

L2566293

The MB for batch WG2132982 exhibited detections of 2-methylnaphthalene [SIM] (0.04 ug/L), benzo(a)anthracene [SIM] (0.03 ug/L), and naphthalene [SIM] (0.31 ug/L). The associated results are >10x the blank concentration. No qualification is necessary.

L2566617

The sample C-MW201_102125 exhibited a percent recovery above the UCL for the surrogate 2,4,6-tribromophenol (145%). Only one surrogate from a single fraction was outside of the recovery control limits. No qualification is necessary.

L2566618

The MB for batch WG2133648 exhibited a detection of naphthalene [SIM] (0.08 ug/L). The associated results are >10x the blank concentration. No qualification is necessary.

The sample E-RW105_102125 exhibited a percent recovery above the UCL for the surrogate 2,4,6-tribromophenol (127%). Only one surrogate from a single fraction was outside of the recovery control limits. No qualification is necessary.

The sample E-RW105_102125 exhibited a percent recovery above the UCL for the surrogate 2,4,6-tribromophenol [SIM] (155%). Only one surrogate from a single fraction was outside of the recovery control limits. No qualification is necessary.

FIELD DUPLICATES:

One field duplicate and parent sample pair was collected and analyzed for all parameters. For results less than 5X the RL, analytes meet the precision criteria if the absolute difference is less than ±X the RL. For results greater than 5X the RL, analytes meet the precision criteria if the RPD is less than or equal to 30% for groundwater. The following field duplicate and parent sample pair was compared to the precision criteria:

- DUP01_102125 and C-MW205_102125

The field duplicate and parent sample (DUP01_102125 and C-MW205_102125) exhibited absolute differences above the RL for 2-methylnaphthalene [SIM] (0.12 ug/L), acenaphthene

[SIM] (0.21 ug/L), acetone (18.6 ug/L), benzene (1.18 ug/L), naphthalene [SIM] (3.7 ug/L), phenanthrene [SIM] (0.21 ug/L), and phenol (80.9 ug/L). The associated results not previously qualified are qualified as J or UJ because of potential indeterminate bias.

CONCLUSION:

Based on this evaluation, the laboratory appears to have followed the specified analytical methods except for errors discussed above. If a given fraction is not mentioned above, that means that all specified criteria were met for that parameter. All the data packages met ASP Category B requirements.

All data are considered usable, as qualified. In addition, completeness, defined as the percentage of analytical results that are judged to be valid, is 100%.

Signed:

Krzysztof Trafalski
Senior Staff Chemist