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GZA GeoEnvironmental of New York
104 West 29th Street
10th Floor
New York, NY 10001
T: 212.594.8140
F: 212.279.8180
www.gza.com

PHASE II ENVIRONMENTAL SITE INVESTIGATION

Ocean Bay Redevelopment

53-05 Beach Channel Drive and 360 Beach 54th Street
Edgemere, New York 11691
Block 15890, Lots 54 and 64

January 2026
File No. 41.0163476.00



PREPARED FOR:
Averne Edgemere LLC
108 Norfolk Street, GF | New York, NY 10002

PREPARED BY:
GeoEnvironmental of New York
104 West 29th Street, Floor 10 | New York, NY 10001

35 Offices Nationwide
www.gza.com

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January 30, 2026
File No. 41.0163476.00

Andrea Alexopoulos
Senior Project Manager
Arverne Edgemere LLC
c/o Asian Americans for Equality (AAFE)
108 Norfolk St, Ground Floor,
New York, NY 10002

Re: Phase II Environmental Site Investigation
53-05 Beach Channel Drive
Edgemere, NY 11691
Block 15890, Lots 54 and 64

Dear Ms. Alexopoulos:

This report presents results of the Phase II Environmental Site Investigation (Phase II ESI) conducted by GZA for the property located at 53-05 Beach Channel Drive and 360 Beach 54th Street, Edgemere, New York (Site). This Phase II ESI was performed in accordance with the scope of work outlined in GZA's proposal, dated October 6, 2025. This report incorporates the changes to the revised Title 6 of the New York Codes, Rules, and Regulations (6 NYCRR) Part 375, Environmental Remediation Program, effective December 31, 2025.

Should you have questions, please do not hesitate to contact Reinbill Maniquez at (347) 443-1059.

Very truly yours,
GZA GEOENVIRONMENTAL OF NEW YORK

Reinbill Maniquez, CHMM
Senior Project Manager

Victoria D. Whelan, P.G.
Consultant Reviewer

Stephen M. Kline, P.E.
Principal

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1.0 INTRODUCTION

Arverne Edgemere LLC (Client) retained GZA GeoEnvironmental of New York (GZA) to conduct a Phase II Environmental Site Investigation (ESI) to evaluate the subsurface conditions of the properties located at 53-05 Beach Channel Drive and 360 Beach 54th Street, Edgemere, New York (hereafter referred to as "the Site"). A Site location map is included as **Figure 1**. GZA performed the field activities from October 6, 2025 to October 15, 2025, consistent with the scope of work outlined in GZA's proposal, dated October 6, 2025. This Phase II ESI Report was prepared in accordance with the limitations presented in **Appendix A**.

1.1 OBJECTIVE

The objective of this Phase II ESI was to collect and analyze soil, groundwater, and soil vapor samples to evaluate the Recognized Environmental Conditions (RECs) and findings identified in prior environmental site investigations (as described in **Section 2.2**, below) and provide updated information on the subsurface conditions at the Site.

On August 18, 2025, GZA and the Client met with the New York City (NYC) Office of Environmental Remediation (OER) and the New York State Department of Environmental Conservation (NYSDEC) to discuss the results of previous environmental site investigations and the open NYSDEC Spill Case No. 03-06202. The NYSDEC recommended additional sampling of soil, groundwater, and soil vapor to gain information about the current subsurface conditions.

GZA performed the sampling in general accordance with the NYSDEC, Division of Environmental Remediation (DER) Technical Guidance for Site Investigation and Remediation, dated May 2010 (DER-10), and in general accordance with the ASTM E1903-19 "Standard Practice for Environmental Site Assessments: Phase II Environmental Site Assessment Process." The report incorporates the changes to Title 6 of the New York Codes, Rules, and Regulations (6 NYCRR) Part 375 Environmental Remediation Programs, effective December 31, 2025.

1.2 SCOPE OF SERVICES

GZA's Phase II ESI scope of services which included the following activities:

- Review of previous environmental assessments performed at the Site;
- Performance of a geophysical survey of the accessible portions of the Site;
- Advancement of 15 soil borings;
- Field screening of soils encountered and collection of at 31 soil samples;
- Conversion of select soil borings into seven (7) permanent monitoring wells;
- Groundwater gauging of the seven (7) newly installed wells and five (5) existing monitoring wells;
- Installation of a transducer in one well to evaluate fluctuations in water table;
- Field screen groundwater and collection of 12 groundwater samples for laboratory analysis;
- Installation of nine (9) temporary soil vapor points to a depth of at least 3 feet below ground surface (ft bgs);
- Collection of one soil vapor sample from each soil vapor point and one ambient air sample; and
- Preparation of this report.

2.0 PROJECT DESCRIPTION AND BACKGROUND

2.1 SITE LOCATION AND DESCRIPTION

The Site is located at 53-05 Beach Channel Drive and 360 Beach 54th Street, Edgemere, NY and is comprised of two tax parcels identified as Block 15890, Lots 54 and 64 on the New York City Tax Map. A Site Location Map is attached as **Figure 1** and a Sample Location Map is attached as **Figure 2**. The New York City Housing (NYCHA) currently owns the Site.

Historically, the Site was divided into seven tax parcels with the following addresses:

- 360 Beach 54th Street (Lot 54)
- 366 Beach 54th Street (former Lot 55)
- 53-15 Beach Channel Drive (former Lot 58)
- 53-13 Beach Channel Drive (former Lot 62)
- 53-05 Beach Channel Drive (Lot 64)
- 53-01 Beach Channel Drive (former Lot 66)
- No address - Vacant Lot at Beach 53rd Street (former Lot 69)

The Site is a combination of developed and undeveloped parcels with some paved parking areas, and three 1-story buildings . Some parcels are fenced, while others have buildings at the property line. The three buildings (16,566 square feet [SF] in total) are currently vacant and have not been occupied in over 10 years. Representative photographs of the Site are included in **Appendix B**.

In September 2025, the Client entered into a preliminary access agreement with NYCHA and filed with New York City Department of Finance (NYCDOF) for the merger of Lot 55, Lot 58, Lot 62, Lot 64, Lot 66, and Lot 69 into new Lot 64. Lot 54 remains the same. The tax lot merger application is attached in **Appendix C**.

2.2 DESCRIPTION OF SURROUNDING PROPERTIES

According to the NYC Department of City Planning, the Site is located in an area zoned mainly for multi-story residential properties (R5) with allowable commercial overlay (C2-4). Ocean Bay Apartments, a NYCHA-owned and operated housing complex, is located to the north of the Site, across Beach Channel Drive; the former Peninsula General Hospital is located to the east of the Site, across Beach 53rd Street; the Lawrence Nursing Care Center borders the Site to the south; and Arverne Apartments (a NYCHA housing complex), is located to the west of the Site, across Beach 54th Street. The land use of the surrounding properties mixture of residential and commercial uses.

The NYC OER Searchable Property Environmental E-Database (SPEED) and the EDR database listed the following sensitive receptors (i.e., schools, hospitals, nursing homes, and day care facilities) within 500-foot radius of the Site:

- PS 105 The Bay School, 420 Beach 51 Street, Far Rockaway, NY 11691
- JHS 198 Benjamin N Cardozo, 3-65 Beach 56 Street, Arverne, NY 11692
- Cassena Kidney Care at Peninsula , 50-15 Beach Channel Drive, Far Rockaway, NY 11691
- Bethel Mission Station Church (Day Care), 338 Beach 56 Street, Arverne, NY 11692
- Blanche Community Progress @ Goldie Maple Academy, 365 Beach 56 Street, Arverne, NY 11692

- GED-P2G Far Rockaway High School at the Community Center, 57-10 Beach Channel Drive, Arverne, NY 11692
- Lawrence Nursing Care Center (Nursing Home), 3-50 Beach 54th Street, Edgemere, NY 11692

2.3 PAST USES AND AREAS OF CONCERN

The table below contains GZA's general description of the historical Site use.

<table>
<tr><th rowspan="2">Year</th><th rowspan="2">Lot 54</th><th colspan="6">Lot 64</th></tr>
<tr><th>Former Lot 55</th><th>Former Lot 58</th><th>Former Lot 62</th><th>Lot 64</th><th>Former Lot 66</th><th>Former Lot 69</th></tr>
<tr><td>1933</td><td>Vacant</td><td>Vacant</td><td rowspan="2">Filling Station</td><td>Vacant</td><td>Vacant</td><td>Vacant</td><td>Vacant</td></tr>
<tr><td>1951</td><td>Vacant</td><td>Vacant</td><td>Vacant</td><td>Vacant</td><td>Vacant</td><td>Vacant</td></tr>
<tr><td>1981-1983</td><td>Vacant</td><td>Vacant</td><td rowspan="2">Health Center</td><td>Vacant</td><td>Vacant</td><td>Vacant</td><td>Vacant</td></tr>
<tr><td>1985-1988</td><td colspan="2">Parking Space</td><td colspan="3">Used Auto Lot</td><td>Vacant</td></tr>
<tr><td>1990-1992</td><td colspan="2" rowspan="2">Commercial Establishments</td><td>Dental Office</td><td>Vacant</td><td colspan="2" rowspan="2">Commercial Establishments</td><td>Vacant</td></tr>
<tr><td>1993-2006</td><td>Commercial Establishments</td><td>Vacant</td><td>Vacant</td></tr>
</table>

The 2015 Phase I Environmental Site Assessment (ESA) noted the following RECs related past Site use:

- Channel Breeze Cleaners, which previously occupied 366 Beach 54th Street (Lot 54 and former 55) from the early 1990s until circa 2006, was designated as a RCRA Non-Gen (Handler) facility of spent halogenated solvents (i.e., tetrachloroethylene [PCE], methylene chloride, trichloroethylene [TCE], 1,1,1-trichloroethane, chlorobenzene, etc.). RCRA Non-Gen facilities do not generate hazardous waste but use regulated materials in quantities below EPA reporting thresholds.

- Two NYSDEC Spill cases were documented in the environmental database. The Edgemere Apartments at 53-21 Beach Channel Drive Spill No. 03-06202 was recorded in September 11, 2003, for the release associated with the former filling station (located on former Lot 58). The Lawrence Nursing Care Facility, which adjoins the property to the south, has a 5,000-gallon No. 2 fuel oil UST with recorded NYSDEC spill cases.

2.4 REDEVELOPMENT PLAN

The Client plans to enter into a formal agreement with the NYCHA to demolish the existing, vacant structures and redevelop the Site into a multi-story affordable housing building with commercial tenants on the ground level. The proposed redevelopment building will be constructed on Lot 64.

2.5 PREVIOUS ENVIRONMENTAL SITE ASSESSMENTS

GZA reviewed previous environmental assessments to evaluate whether surficial or historical evidence indicates the presence, or likely presence of RECs, and potential Areas of Concern (AOCs). The previous assessments are summarized below:

2.5.1 Phase I Environmental Site Assessment, January 2012

AECOM performed a Phase I ESA at the Site in January 2012 (2012 Phase I ESA). The 2012 Phase I ESA identified three RECs, as defined under ASTM E1527-05, in connection with the Site.

- Billboards on Lot 54 and former Lot 55 indicate that a laundromat and a dry cleaner occupied the Site. The Department of Consumer Affairs indicated that they did not issue any permits for these two enterprises. The Dry-Cleaning Association had no record of a dry cleaner at the Site in its database. The NYCDOF database provided two work permits for the installation of a dry cleaners on the Site.

- The Peninsula Hospital Center, which is adjacent to the Site to the east (across Beach 53rd Street), has a history of leaks and overfills. Although the EDR mentions corrective action was taken to resolve the issue, there was no mention of groundwater and soil impacts to the surrounding area.

- The 1933 Sanborn Map shows a filling station with five gasoline Underground Storage Tanks (USTs) along Beach Channel Drive on former Lot 58. No information was available on the decommissioning / removal of the USTs.

2.5.2 Phase I Environmental Site Assessment, November 2, 2015

GZA performed a Phase I ESA at the Site in November 2015 (2015 Phase I ESA). It identified three RECs, as defined under ASTM E1527-13, in connection with the property:

- A filling station with five gas tanks occupied the Site (former Lot 58) from 1933 to 1951. Old undocumented USTs often fail and pose a material threat to the Site, and therefore, are considered as a REC. Channel Breeze Cleaners (former Lot 55) was owned and operated by Agoute Cleaners Inc. and listed as a RCRA Non-Gen facility.

- Records from the NYC Department of Buildings (DOB) indicate that the work permit was issued in 1990 for the installation of a dry cleaner at former Lot 55. The Site was also listed in the EPA FINDS and NY MANIFEST list, which track events and activities related to the transport, storage, and treatment of hazardous waste, from 1992 to 2006. The Site reportedly utilized spent halogenated solvents in its operations. .

- Three NYSDEC Spill Cases were reported for the three adjoining properties (the Lawrence Nursing Care, Lawrence Nursing Home, and Edgemere Apartments). At the time of the 2015 Phase I ESA, the Spill Cases remained open and have not been closed to the satisfaction of NYSDEC.

2.5.3 Summary Report of Subsurface Investigation, December 4, 2015

In November 2015, Ecosystems Strategies, Inc. (Ecosystems), under contract with NYCHA, investigated the former Site gasoline filling station associated with Spill Case No. 03-06202 first reported on September 11, 2003 (2015 Spill Investigation). Ecosystems advanced four soil borings near the two former pump islands, completed the soil borings as permanent monitoring wells, and collected samples for laboratory analyses for volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs).

The findings of the 2015 Spill Investigation were as follows:

- Evidence of petroleum contamination (elevated photoionization detector [PID] readings, odors, and/or soil staining) was observed in all soil borings. The most significant impacts were documented in shallow soils (from 4 to 6 ft bgs) between the former pump islands and at the northwestern corner of the Site. Gray staining was noted in soils encountered below the water table.
- Elevated concentrations of dissolved VOCs were documented from samples collected from three of the four monitoring wells.

2.5.4 Geotechnical Engineering Report, October 12, 2016

GZA performed a geotechnical exploration of the Site, which included the advancement of 11 geotechnical borings and geotechnical engineering analyses of the data collected in October 2016 (2016 Geotechnical Investigation). Based on the results of GZA's 2016 Geotechnical Investigation, the subsurface conditions at the Site generally consist of the following, in order of increasing depth:

- SURFACE COVER: A 4-inch thick asphalt layer was encountered at the ground surface at test boring locations GZ-01 and GZ-09. A 4-inch thick concrete sidewalk was encountered at the ground surface at test boring locations GZ-06 and GZ-08. A 2 to 3-inch thick topsoil layer was encountered at the remaining boring locations.

- FILL: Fill, consisting of light brown to brown, fine to medium SAND, with up to 50 percent gravel and up to 35 percent fines, was encountered in nine of the eleven test borings (i.e., all borings except GZ-06 and GZ-08) to a bottom depth ranging between approximately 2 and 6 ft bgs. Occasional miscellaneous debris such as brick fragments and crushed stone were encountered within the Fill stratum. The Fill was very loose to medium dense.

- UPPER LOOSE SAND : An Upper Loose Sand or Silty Sand stratum was encountered below the Fill in 8 of 11 test borings (i.e., GZ-01, GZ-02, GZ-04, GZ-07, GZ-10, and GZ-11, and below the surface cover at GZ-06 and GZ-08). This stratum ranged in thickness from approximately 2 to 11 feet, and extended to depths ranging between 6 ft bgs and 18 ft bgs (that is, the bottom of the stratum). This stratum was described as gray, fine to medium SAND with up to 35 percent fines (less than 10 percent in all borings except for GZ-10 and GZ-11 where up to 35 percent fines were observed) and 5 percent gravel. The Upper Loose Sand was very loose to medium dense.

- ORGANICS: An Organic layer was encountered in all 11 test borings; below the Upper Loose Sand Stratum in GZ-01, GZ-02 (interbedded in the Upper Loose Sand in GZ-02), GZ-04, GZ-06, GZ-07, GZ-08, GZ-10, and GZ-11, and below the Fill stratum in GZ-03, GZ-05, and GZ-09. The Organic stratum ranged in thickness between approximately 2.5 feet and 18 feet and was observed to extend to depths ranging between 12 and 30 ft bgs. This stratum was variable in composition and was described as gray, fibrous PEAT with up to 35 percent Organic Silt and/or up to 35 percent Sand; Organic SILT with up to 50 percent Sand; or fine SAND with up to 50 percent fibrous Peat and/or Organic Clay & Silt, Clay, or Silt. This stratum was very soft to stiff in consistency (or very loose to loose for coarse grained composition).

2.5.5 Summary Report of Supplemental Subsurface Investigation, November 4, 2016

In September 2016, Ecosystems, under contract with NYCHA, performed a supplemental investigation of the former gasoline filling station associated with Spill Case No. 03-06202 (2016 Spill Investigation). Five boreholes

were installed to depths ranging from 15 ft bgs. Two soil samples were collected from each boring: one from 4 - 6 ft bgs and one from varying depths between 6-12 ft bgs. The soil samples were analyzed for VOCs and SVOCs. The soil analytical results were compared to the NYSDEC Commissioner's Policy-51 (CP-51) Soil Cleanup Guidance Levels (SCLs) for Gasoline Contaminated and Fuel Oil Contaminated Soils. Soil staining and gasoline odors were not observed in the soil. The VOCs and SVOCs were either not detected or detected at levels below their respective SCLs in the soil samples.

Groundwater gauging data indicated that groundwater was flowing to the southwest. Groundwater samples collected from the five new wells and the four previously existing wells indicated that the gasoline-related contamination in the groundwater had not migrated off-site in 2016.

2.5.6 Phase II Environmental Site Investigation, November 2016

Asian Americans for Equality (AAFE) retained GZA to conduct a Phase II ESI to evaluate the subsurface conditions at the Site. On August 29 and 30, 2016, the Phase II ESI was performed within the context of an application by the NYCHA to the U.S. Department of Housing and Urban Development (HUD) for the disposition of the NYCHA-owned property under the City Environmental Quality Review (CEQR) Number 16CHA003Q. The findings of the 2016 Phase II ESI are summarized as follows:

- The water table was observed between approximately 4.3 to 5.3 ft bgs. The inferred direction of groundwater flow beneath the Site was generally to the southwest.
- The geophysical investigation noted a potential 550-gallon UST located at the former Lot 58 parking area.
- The soil analytical results show exceedances of NYSDEC Unrestricted Use Soil Cleanup Objectives (UUSCOs) for two VOCs, two SVOCs and several metals. None of the detected compounds that exceeded Restricted Residential Use SCOs (RRUSCOs).
- The groundwater samples reported exceedances of two chlorinated VOCs (cis-1,2-dichloroethene [cis-1,2-DCE]and vinyl chloride). These compounds are breakdown products of PCE, a common dry cleaning contaminant. The results also contained an exceedance of polychlorinated biphenyls (PCBs), two targeted SVOCs, and several targeted metals. One well at the former filling station (MW-2) from the 2015 Spill Investigation was sampled and contained exceedances of 1,2,4-trimethylbenzene, ethylbenzene, o-xylene, and p/m-xylene, which are associated with gasoline. Soil vapor samples also had elevated chlorinated VOCs, including TCE and PCE.

3.0 ENVIRONMENTAL SETTING

The following subsections provide information regarding the general physiographic, hydrologic, and soil conditions at the Site.

3.1 REGIONAL PHYSIOGRAPHY

As shown on **Figure 1**, the U.S. Geological Survey (USGS) topographic map for Far Rockaway Quadrangle, New York, 7.5-minute series, 2023, the Site is situated at an approximate elevation of 6 feet above mean sea level (msl) based on the North American Vertical Datum of 1988 (NAVD88). The topographic gradient near the Site slopes

downward to the south. The nearest water body is the Atlantic Ocean, which is located approximately 0.5 miles south of the Site.

3.2 GEOLOGIC, HYDROGEOLOGIC, AND HYDROLOGIC CONDITIONS

Based on the 2023 USGS publication, *Bedrock – Surface Elevation and Overburden Thickness Maps of the Five Boroughs* (DeMott, et al, 2023), bedrock is estimated at more than 1,100 feet below msl, and consist of schist, gneiss, and amphibolite of the Hartland Formation. The Site is located in an area that typically will have miscellaneous fill overlying thick glacial outwash deposits (comprised of a mixture of clay, silt, sand, gravel) overlying bedrock. Based on information provided in the 2016 Geotechnical Investigation, the Site's subsurface is comprised of historic fill composed of brown sand, gravel, and miscellaneous materials, including construction and demolition debris (e.g., brick, asphalt, glass, gravel), to approximately 6 ft bgs, underlain by an upper loose sand or silty sand stratum to approximately 18 ft bgs, transitioning to an organic layer at the bottom of the borings (see **Section 2.5.4**).

In 2025, GZA encountered groundwater between 2.0 and 4.9 feet below top of casing, corresponding to a groundwater elevation of between approximately 1.5 to 2.5 feet above msl. The inferred direction of groundwater flow is to the south towards the Atlantic Ocean. However, the localized direction of groundwater flow near the Site might vary from its inferred direction because of underground utilities, subsurface preferential pathways, variations in weather or heterogeneous geological and/or anthropogenic conditions.

4.0 SITE INVESTIGATION ACTIVITIES

This section describes the field methodologies employed during the Phase II ESI conducted from October 6 to October 15, 2025 (2025 Phase II ESI). Samples collected for analytical testing are summarized in **Table 1**. The sample locations are shown on **Figure 2**. Representative photographs of the Site investigation activities are included in **Appendix B**.

4.1 GEOPHYSICAL SURVEY

GZA contracted PG Environmental Services, Inc. (PG) of Commack, New York to perform a geophysical survey utilizing an GSSI Radan 7 Control Unit and a 300-megahertz antenna. The geophysical survey was performed on October 6 and October 7, 2025, to assess for the potential presence of subsurface obstructions such as unknown USTs, subsurface piping, and utility lines within a 10-foot radius of each proposed sample location. Proposed drilling locations were cleared and the geophysical did not detect anomalies indicative of USTs. (Note that when clearing sample location GSV-03, the geophysical did not detect anomalies indicative of a UST mentioned in the 2016 Phase II ESI.) A 275-gallon aboveground storage tank was observed just south of the building to the northwest. Identified utilities were marked in the field. A copy of the Geophysical Survey Report is included in **Appendix D**.

4.2 SOIL BORING INSTALLATION AND SAMPLING

GZA contracted PG to advance fifteen (15) soil borings (designated as GZ-01 through GZ-15) from October 6 to October 8, 2025. The soil borings were advanced using a Geoprobe® 6712DT direct-push technology (DPT) track-mounted drill rig to approximately 10 ft bgs. The Geoprobe® drill rig was equipped with a 2-inch inside diameter MacroCore® soil sampling unit with an acetate liner sleeve.

GZA personnel field screened the soil cores for the presence of total organic vapors using a PID equipped with a 10.6 eV lamp, visually observed the soils for staining, and classified recovered soil using the modified Burmister soil classification system. Soil boring logs are provided in **Appendix E**.

GZA collected at least two samples from each soil boring for laboratory analysis. Quality Assurance Quality Control (QA/QC) samples were collected including two duplicates (taken from GZ-04 and GZ-07), two sets of Matrix Spike/Matrix Spike Duplicate (MS/MSD) samples (taken from GZ-09 and GZ-15), two field blanks, three Per- and Polyfluoroalkyl Substances (PFAS) equipment blanks, and three trip blanks. Soil samples were collected from the 0-2 ft bgs interval at the locations, and the second sample was collected from soil exhibiting field evidence of contamination based on visual, olfactory, and PID screening results, or from the 2-foot interval above the encountered water table.

It should be noted that at GZ-10 a third soil sample was collected below the water table to evaluate soils that exhibited elevated PID readings of 999.8 parts per million (ppm). Soil samples were collected in laboratory-supplied glass containers, placed on ice, and submitted to an analytical laboratory under standard chain-of-custody procedures for laboratory analyses for the analytical parameters summarized in the following table.

Matrix	Analytical Parameter
Soil Samples (GZ-01 to GZ-15)	Target Compound List (TCL) VOC by Environmental Protection Agency (EPA) Method 8260 TCL SVOCs by EPA Method 8270 Target Analyte List (TAL) Metals by EPA Method 6010C/7471B Pesticides by EPA Method 8081 Polychlorinated biphenyls (PCBs) by EPA Method 8082A Herbicides by EPA Method 8151 PFAS by EPA Method 1633 (one PFAS sample per former tax lot)

4.3 MONITORING WELL INSTALLATION AND GROUNDWATER SAMPLING

GZA converted seven (7) soil borings (GZ-01 through GZ-07) into permanent 2-inch monitoring wells (2025-GMW-01 through 2025-GMW-07). The permanent monitoring wells were installed with 10 feet of 20-slot well screen set to span the observed water table. The permanent monitoring wells were developed with a submersible pump until the water reached the turbidity guidance value of approximately 50 Nephelometric Turbidity Units (NTU), the water was visibly clear, and/or 5 well volumes have been removed, whichever occurred first. Additionally, the five groundwater monitoring wells installed in 2016 (i.e., 2016-MW-01 through 2016-MW-05) were redeveloped.

GZA collected one groundwater sample from each of the permanent monitoring wells installed in 2016 (2016-MW-01 through 2016-MW-05) and from the monitoring wells installed during the 2025 Phase II ESI (2025-GMW-01 through 2025-GMW-07). QA/QC samples were collected including a duplicate sample (taken from 2025 GMW-07), MS/MSD samples (taken from 2025-GMW-06), a field blank, an equipment blank, and daily trip blanks.

Groundwater samples were collected using low-flow sampling methods with the intake placed at the approximate midpoint of the screened interval using a peristaltic and dedicated HPDE tubing. Pumping rates were typically less than 0.13 gallons per minute (gpm) and the pumping rate was set to not significantly lower the water level in each well greater than 0.33 feet of drawdown. At the ground surface, the water passed through a sealed water quality meter flow-through cell containing probes which measured water quality parameters, including water temperature, pH, specific conductivity, oxidation-reduction potential (ORP), dissolved oxygen (DO), and turbidity.

The groundwater purge logs are presented in **Appendix F.** The monitoring well locations are shown on **Figure 2**, the Monitoring Well installation Logs are presented in **Appendix G.**

The groundwater samples were collected in laboratory-supplied glass containers, placed on ice, submitted to an analytical laboratory under standard chain-of-custody procedures, and analyzed for parameters summarized in the following table.

Matrix	Analytical Parameter
Groundwater Samples (2016-MW-01 to 2016-MW-05, 2025-GMW-01 to 2025-GMW-07 and)	TCL VOCs by EPA Method 8260 TCL SVOCs by EPA Method 8270 Total and Dissolved Metals by EPA Method 6010 /7000 Pesticides by EPA 8081 Herbicides by EPA Method 8151 PCBs by EPA Method 8082A PFAS by EPA Method 1633

Purge water and investigation-derived wastes were containerized in 55-gallon drums and stored on-Site prior to disposal off-Site.

4.4 MONITORING WELL SURVEY AND GROUNDWATER GAUGING

On November 13, 2025, Montrose Surveying, Co., LLP of Richmond Hill, performed an elevation survey of the monitoring wells. The elevation survey is included as **Appendix H**. On October 15, 2025, groundwater level measurements were recorded by GZA at each of the wells to evaluate groundwater flow direction and the presence of light non-aqueous phase liquids (LNAPL). The wells were gauged, and groundwater level measurements were collected using a Solinst P7 Model 122 oil/water interface probe.

GZA installed a transducer at monitoring well 2025-GMW-03. GZA collected pressure, depth, and temperature readings using a Level Troll 700 transducer set at approximately 11.6 feet below grade. The transducer was left in monitoring well 2025-GMW-03 from October 16, 2025, to October 22, 2025. The transducer data is provided in **Appendix I**.

4.5 SOIL VAPOR POINT INSTALLATION AND SAMPLING

GZA installed nine (9) soil vapor points (GSV-01 through GSV-09) using the Geoprobe® drill rig equipped with a 2-inch diameter hammer rod to a depth of approximately 3 ft bgs at each location. GZA collected each soil vapor sample and the one ambient air sample using methods consistent with the New York State Department of Health (NYSDOH) Soil Vapor Intrusion (SVI) Guidance Policy using 6-liter Summa canisters equipped with 2-hour flow regulators. One duplicate sample was collected from GSV-09. The soil vapor samples were submitted to a NYSDOH ELAP laboratory for VOC analysis (EPA Method TO-15). Soil vapor sampling locations are shown on **Figure 2,** and the soil vapor sampling logs are presented in **Appendix J.**

5.0 SITE INVESTIGATION RESULTS

The results from the 2025 Phase II ESI are summarized in the following subsections. The laboratory analytical reports are included in **Appendix K.** A Sample Collection Summary is included in **Table 1,** and the Monitoring Well Gauging results are included in **Table 2**.

5.1 MONITORING WELL GAUGING RESULTS

Based on the depth-to-water measurements and the surveyed top of well casing, water table elevations were calculated and are presented in **Table 2**. Groundwater contours inferred from October 15, 2025, monitoring well gauging event are depicted on **Figure 3**. A groundwater flow direction is inferred to be from north to south across the Site. During the monitoring well gauging with groundwater elevations ranging between approximately 1.5 feet to 2.5 feet above msl. LNAPL was not detected in any of the groundwater monitoring wells during the October 2025 sampling round.

In general, the water table was slightly tidally influenced, with a cyclical variation of the water table on a daily basis. However, the maximum variation in an individual well was less than 0.1 feet per day and the groundwater elevations appeared to be more strongly affected by precipitation than tidal influence. The transducer data with water column depth, temperature, and pressure readings are provided in **Appendix I**.

5.2 SOIL SAMPLE ANALYTICAL RESULTS

The soil sample analytical results were summarized and compared to the NYSDEC Part 375-6 Unrestricted Use Soil Cleanup Objectives (UUSCOs), Restricted Residential Use Soil Cleanup Objectives (RRUSCOs), and the Protection of Groundwater Use SCOs (PGWSCOs). The soil analytical results are presented in **Tables 3 through 7** and are summarized on **Figure 4**.

Volatile Organic Compounds

- Chlorinated VOCs - PCE was above UUSCOs and PGWSCOs in two shallow sample (at maximum concentration of [max.] of 12 milligrams per kilogram [mg/kg] at GZ-04 from 0-2 ft bgs) and at a deeper sample (5.4 mg/kg at GZ-04 3-5 ft bgs).
- The rest of the VOCs were either below detection limits or detected below UUSCOs, RRUSCOs, and PGWSCOs.

Semi-Volatile Organic Compounds

- Polycyclic aromatic hydrocarbons (PAHs), specifically benzo(a)anthracene (max. of 26 mg/kg), benzo(a)pyrene (max. of 19 mg/kg), benzo(b)fluoranthene (max of 24 mg/kg), benzo(k)fluoranthene (max. of 4.9 mg/kg), chrysene (max. of 26 mg/kg), indeno(1,2,3-cd)pyrene (max. of 11 mg/kg) were detected above UUSCOs, RRUSCOs, or PGWSCOs in four samples. Dibenzo(a,h)anthracene (max. of 3.1 mg/kg) was detected above UUSCOs and RRUSCOs, but below PGWSCOs in three samples. Phenanthrene (max 5 mg/kg) was detected above UUSCOs or RRUSCOs, but below PGWSCOs in six samples. Benzo(ghi)perylene (max 4.2 mg/kg) was detected above UUSCOs, but below RRUSCOs and PGWSCOs in four samples.
- Naphthalene (max. of 18 mg/kg) was detected above UUSCOs and PGWSCOs, but below RRUSCOs in one sample.
- The rest of the SVOCs samples were either below detection limits or detected below UUSCOs, RRUSCOs, and PGWSCOs.

Metals

- Arsenic (max. of 15.7 mg/kg), copper (max. of 185 mg/kg), nickel (max. of 34.3 mg.kg), and zinc (max. of 1,220 mg/kg) were detected at concentrations above UUSCOs, but below RRUSCOs and PGWSCOs, in at least one sample.
- Lead (max. of 432 mg/kg) was detected at a concentration above UUSCOs and RRUSCOs, but below PGWSCOs in one sample; and above UUSCOs, but below RRUSCOs and PGWSCOs in ten samples.
- Mercury (max. of 2.36 mg/kg) was detected above UUSCOs, RRUSCOs, and PGWSCOs in two samples; and above UUSCOs, but below RRUSCOs and PGWSCOs in two samples.

Pesticides

- Pesticides 4,4'-DDD (max. of 0.00717 mg/kg), 4,4'-DDE (max. of 0.0755 mg/kg), 4,4'-DDT (max. of 0.119 mg/kg) were detected at concentrations above UUSCOs, but below RRUSCOs and PGWSCOs in 13 samples.

Herbicides

- Herbicides were either at concentrations below detection limits or were detected below UUSCOs, RRUSCOs, or PGWSCOs.

Polychlorinated Biphenyls

- Individual PCBs were either at concentrations below detection limits or were detected below UUSCOs, RRUSCOs, or PGWSCOs. Total PCBs (max. 0.215 mg/kg) were detected at concentrations above UUSCOs, but below RRUSCOs and PGWSCOs in two soil samples.

Per- and Polyfluoroalkyl Substances

- PFAS was either at concentrations below detection limits or were detected below UUSCOs, RRUSCOs, or PGWSCOs.

The analytes above RRUSCOs are summarized in the table below:

Soil Summary Table				
Analytes > RRUSCOs	RRUSCO (ppm)	Detections > RRUSCOs	Maximum Detection (ppm)	Location of Max Detection (ft bgs)
Benzo(a)anthracene	1.4	4	26	GZ-04 (3-5)
Benzo(a)pyrene	1	5	19	GZ-04 (3-5)
Benzo(b)fluoranthene	1.4	5	24	GZ-04 (3-5)
Benzo(k)fluoranthene	4.9	1	4.9	GZ-04 (3-5)
Chrysene	4.9	3	26	GZ-04 (3-5)
Dibenz(a,h)anthracene	0.33	4	3.1	GZ-04 (3-5)
Indeno(1,2,3-cd)pyrene	1.4	4	11	GZ-04 (3-5)
Phenanthrene	4.9	4	5	GZ-04 (3-5)
Lead, Total	400	1	432	GZ-04 (0-2)
Mercury, Total	0.3	2	2.36	GZ-04 (0-2)

Notes:

Analytes > RRUSCOs: Displays analytes that exceeded the NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objective (RRUSCO) shown in parts per million (ppm)
Detections > RRUSCOs: Number of detections above the applicable RRUSCO.
Maximum Detection (ppm): Maximum detection in parts per million.
Depth (ft bgs): Range of depths that exceeded the respective RRUSCO.

5.3 GROUNDWATER SAMPLE ANALYTICAL RESULTS

The groundwater sample analytical results were summarized and compared to the NYSDEC Technical Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards (AWQS) and Guidance Values for Groundwater (Class GA). The groundwater analytical results are presented in **Tables 8 through 12** and are summarized on **Figure 5**.

Volatile Organic Compounds

- Petroleum related VOCs, specifically 1,2,4,5-tetramethylbenzene (at 33 micrograms per liter [ug/L]), 1,2,4-trimethylbenzene (at 110 ug/L), and isopropylbenzene (at 37 ug/L) were detected above AWQS in sample collected from 2016-MW-04.
- Chlorinated VOCs, specifically cis-1,2-DCE (max. of 22 ug/L), tetrachloroethene (max. of 5.1 10 ug/L), and vinyl chloride (max. of 2 ug/L), were detected at concentration above AWQS, in four samples collected.

Semi-Volatile Organic Compounds

- PAHs, specifically benzo(a)anthracene (max. of 0.06 ug/L), benzo(a)pyrene (at 0.05 ug/L), benzo(b)fluoranthene (at 0.07 ug/L), chrysene (at 0.05 ug/L) and indeno(1,2,3-cd)pyrene (at 0.03 ug/L) were detected at concentration above AWQS, in at least one sample collected.

Total Metals

- Chromium (at 94.13 ug/L) was detected at concentration above AWQS in one sample 2016 MW-05.
- Iron (max. of 48,500 ug/L) was detected at concentrations above AWQS in nine samples.
- Magnesium (max. of 878,000 ug/L) was detected at concentration above AWQS in eleven samples.
- Manganese (max of 438.7 ug/L) was detected at concentration above AWQS in two samples.
- Sodium (max. of 8,350,000 ug/L) was detected at concentrations above AWQS in the twelve samples.

Dissolved Metals

- Chromium (max. of 61.57 ug/L) was detected at concentration above AWQS in one sample 2016 MW-05.
- Iron (max. of 51,500 ug/L) was detected at concentrations above AWQS in seven samples collected.
- Magnesium (max. of 900,000 ug/L) was detected at concentration above AWQS in eleven samples.
- Manganese (max of 428.5 ug/L) was detected at concentration above AWQS in two samples.
- Sodium (max. of 7,020,000 ug/L) was detected at concentrations above AWQS in the thirteen samples.

Pesticides, Herbicides, and Polychlorinated Biphenyls

- Pesticides, herbicides, and PCBs were either below detection limits or were detected concentrations below AWQS.

Per- and Polyfluoroalkyl Substances

- PFOS (max. of 0.0586 ug/L) was detected at concentrations above AWQS in eleven samples.
- PFAS (max. of 0.0574 ug/L) was detected at concentrations above AWQS in twelve samples.

The analytes above the NYSDEC guidance values are summarized in the table below:

Groundwater Summary Table				
Analytes > AWQS	AWQS (ug/L)	Detections > AWQS	Maximum Detection (ug/L)	Location of Max Detection
1,2,4,5-Tetramethylbenzene	5	1	33	2016-MW-04
1,2,4-Trimethylbenzene	5	1	110	2016-MW-04
cis-1,2-Dichloroethene	5	4	22	2025-GMW-03
Isopropylbenzene	5	1	37	2016-MW-04
Tetrachloroethene	5	3	10	2025-GMW-04
Vinyl Chloride	2	1	2	2025-GMW-02
Benzo(a)anthracene	0.002	2	0.06	2025-GMW-03
Benzo(a)pyrene	0	1	0.05	2025-GMW-03
Benzo(b)fluoranthene	0.002	1	0.07	2025-GMW-03
Chrysene	0.002	1	0.03	2025-GMW-03
Indeno(1,2,3-cd)pyrene	0.002	1	0.03	2025-GMW-03
Chromium, Total	50	1	94.13	2016-MW-05
Iron, Total	300	9	48,500	2025-GMW-06
Magnesium, Total	35,000	11	878,000	2016-MW-03
Manganese, Total	300	2	438.7	2025-GMW-06
Sodium, Total	20,000	12	8,350,000	2016-MW-03
Chromium, Dissolved	50	1	61.57	2016-MW-05
Iron, Dissolved	300	7	51,500	2025-GMW-06
Magnesium, Dissolved	35,000	11	900,000	2016-MW-03
Manganese, Dissolved	300	2	428.5	2025-GMW-06
Sodium, Dissolved	20,000	12	7,020,000	2016-MW-03
Analytes >AWQS	AWQS (ug/L)	Detections >AWQS	Maximum Detection (ug/L)	Location of Max Detection
Perfluorooctanesulfonic Acid (PFOS)	0.0067	11	0.0586	2025-GMW-01
Perfluorooctanoic Acid (PFOA)	0.0027	12	0.0574	2025-GMW-02

Notes:

Analytes > AWQS: Displays analytes that exceed the NYSDEC Technical and Operational Guidance Series (1.1.1) Ambient Water Quality Standards (AWQS) and Guidance Values

Detections > AWQS: Number of detections over the applicable AWQS.

AWQS (ug/L): AWQS and Guidance Value reported in micrograms per liter

5.4 SOIL VAPOR AND AMBIENT AIR ANALYTICAL RESULTS

New York State does not have standards, criteria, or guidance values for VOCs in soil vapor samples. The soil vapor analytical results are presented in **Table 13** and are summarized on **Figure 6**.

The analytes that were detected and their maximum concentration are summarized in the table below:

Soil Vapor Summary Table				
Analytes	Total Detections	Maximum Detection (µg/m^3)	Type	Location of Max Detection
Petroleum-related VOCs				
ethylbenzene	1	2.96	soil vapor	GSV-09
1,2,4-trimethylbenzene	3	8.5	soil vapor	GSV-09
1,3,5-trimethylbenzene	1	2.41	soil vapor	GSV-09
o-xylene	4	6.43	soil vapor	GSV-05/ GSV-09
m,p-xylene	4	15.5	soil vapor	GSV-07
heptane	3	4.43	soil vapor	GSV-07
hexane	5	1,190	soil vapor	GSV-04
toluene	6	29.4	soil vapor / ambient air	GSV-07
Chlorinated-VOCs				
cis-1,2-dichloroethene	2	96.3	soil vapor	GSV-05
trichloroethene	4	299	soil vapor	GSV-02
tetrachloroethene	7	129,000	soil vapor	GSV-04

Notes:
Total Detections: Number of samples with detections of analytes
Maximum Detection (µg/m3): Maximum detection in micrograms per cubic meter.

6.0 FINDINGS AND RECOMMENDATIONS

GZA conducted a Phase II ESI at 53-05 Beach Channel Drive and 360 Beach 54th Street, Edgemere, New York. The findings are summarized below:

- The geophysical survey did not reveal the presence of anomalies indicative of USTs at the Site. A 275-gallon aboveground storage tank was observed just south of the building to the northwest.

- The subsurface conditions at the Site consist of historic fill, which includes brown sand, gravel, and miscellaneous materials such as construction and demolition debris (e.g., brick, asphalt, glass) to a maximum depth of 5 ft bgs, underlain by fine to coarse sand, transitioning to clayey silt to at least a depth of 10 ft bgs.

- A groundwater flow direction from North to South across the Site was observed during the monitoring well gauging with groundwater elevations ranging between approximately 1.5 feet to 2.5 feet above msl. No LNAPL was detected in any of the groundwater monitoring wells during the October 2025 sampling round. Transducer data from GMW-03 indicated that the water table is minimally influenced by tides.

- Laboratory analysis of 31 soil samples collected throughout the Site reported concentrations of PCE, PAHs, heavy metals at concentrations above UUSCOs, RRUSCOs, and/or PGWSCOs. Chlorinated VOCs in soil was mainly encountered at the vacant lot east of the former filling station (former Lot 62).

- Laboratory analysis of 12 groundwater samples reported concentrations of petroleum –related VOCs (1,2,4,5-Tetramethylbenzene, 1,2,4-Trimethylbenzene, and Isopropylbenzene) and PAHs in one monitoring well above AWQS. While chlorinated VOCs (cis-1,2-DCE and PCE) were detected in four monitoring well samples above AWQS. Several dissolved metals were also observed above AWQS. PFOS and PFOA were also detected above AWQS in multiple wells.

- New York State does not have standards, criteria, or guidance values for VOCs in soil vapor and ambient air samples. Laboratory analysis of the nine soil vapor samples reported elevated concentrations of both petroleum-related VOCs (in the area of the former gasoline spill) and chlorinated VOCs (specifically cis-1,2-DCE, PCE, and TCE).

- The elevated levels of chlorinated VOC soil vapor sampling results are higher than identified in 2016 Phase II ESI this finding and combined with the soil and groundwater chlorinated VOC results may indicate a source area of chlorinated VOCs on the Site.

Based on the Findings of this 2025 Phase II ESI, as well as previous investigations performed at the Site, GZA recommends meeting with the NYSDEC to discuss the findings of this report and evaluate the potential for entering the Site into the NYSDEC Brownfield Cleanup Program (BCP) prior to the redevelopment of the Site.

TABLES

Table 1 - Sample Collection Summary
Phase II Environmental Site Investigation

Ocean Bay Redevelopment
53-05 Beach Channel Drive and 360 Beach 54 Street
Edgemere, New York 11691

Sample ID (Sample Depths)	Sample Collection Date	Sample Depth Interval (ft.)	PID Screen (ppm)	Boring Completion Depth (ft. bgs)	TCL VOCs	TCL SVOCs + 1,4-Dioxane	Pesticides	PCBs	PFAS	TAL Metals
Soil Samples										
GZ-01 (0-2')	10/8/2025	0-2'	0.0	13.1	X	X	X	X		X
GZ-01 (2.5-4.5')	10/8/2025	2.5-4.5'	0.0	13.1	X	X	X	X		X
GZ-02 (0-2')	10/7/2025	0-2'	0.0	13.1	X	X	X	X		X
GZ-02 (2.5-4.5')	10/7/2025	2.5-4.5'	0.0	13.1	X	X	X	X	X	X
GZ-03 (0-2')	10/8/2025	0-2'	0.0	13.2	X	X	X	X		X
GZ-03 (2.5-4.5')	10/8/2025	2.5-4.5'	0.0	13.2	X	X	X	X		X
GZ-04 (0-2')	10/8/2025	0-2'	0.0	13	X	X	X	X		X
GZ-04 (3-5')	10/8/2025	3-5'	0.0	13	X	X	X	X	X	X
GZ-05 (0-2')	10/7/2025	0-2'	0.0	13.2	X	X	X	X		X
GZ-05 (2.5-4.5')	10/7/2025	2.5-4.5'	0.0	13.2	X	X	X	X		X
GZ-06 (0-2')	10/6/2025	0-2'	0.0	13.1	X	X	X	X		X
GZ-06 (2.5-4.5')	10/6/2025	2.5-4.5'	0.0	13.1	X	X	X	X	X	X
GZ-07 (0-2')	10/6/2025	0-2'	0.0	13	X	X	X	X		X
GZ-07 (3-5')	10/6/2025	3-5'	0.0	13	X	X	X	X		X
GZ-08 (0-2')	10/8/2025	0-2'	0.0	10	X	X	X	X		X
GZ-08 (2.5-4.5')	10/8/2025	2.5-4.5'	0.0	10	X	X	X	X		X
GZ-09 (0-2')	10/8/2025	0-2'	0.0	10	X	X	X	X		X
GZ-09 (2.5-4.5')	10/8/2025	2.5-4.5'	0.0	10	X	X	X	X		X
GZ-10 (0-2')	10/6/2025	0-2'	0.3	10	X	X	X	X		X
GZ-10 (2.5-4.5')	10/6/2025	2.5-4.5'	0.0	10	X	X	X	X		X
GZ-10 (6-8')	10/6/2025	6-8'	999.8	10	X	X	X	X		X
GZ-11 (0-2')	10/6/2025	0-2'	2.8	10	X	X	X	X	X	X
GZ-11 (2.5-4.5')	10/6/2025	2.5-4.5'	1.7	10	X	X	X	X		X
GZ-12 (0-2')	10/7/2025	0-2'	0.0	10	X	X	X	X		X
GZ-12 (2.5-4.5')	10/7/2025	2.5-4.5'	0.0	10	X	X	X	X	X	X
GZ-13 (0-2')	10/7/2025	0-2'	0.0	10	X	X	X	X		X
GZ-13 (2.5-4.5')	10/7/2025	2.5-4.5'	0.0	10	X	X	X	X		X
GZ-14 (0-2')	10/7/2025	0-2'	0.0	10	X	X	X	X		X
GZ-14 (2.5-4.5')	10/7/2025	2.5-4.5'	0.0	10	X	X	X	X	X	X
GZ-15 (0-2')	10/6/2025	0-2'	0.0	10	X	X	X	X		X
GZ-15 (3-5')	10/6/2025	3-5'	0.0	10	X	X	X	X	X	X
Duplicate-2025-10-06	10/6/2025	-		-	X	X	X	X		X
Duplicate-2025-10-08	10/8/2025	-		-	X	X	X	X		X

TABLE NOTES:

ft	feet
bgs	below ground surface
ppm	parts per million
SB	Soil boring
VOCs	Volatile Organic Compounds
SVOCs	Semivolatile Organic Compunds
PCBs	Polychlorinated Biphenyls
TCL	Target Compound Lists
TAL	Target Analyte List
PFAS	Per - and Polyfluoroylalkyl Substances

Table 1 - Sample Collection Summary
Phase II Environmental Site Investigation

Ocean Bay Redevelopment
53-05 Beach Channel Drive and 360 Beach 54 Street
Edgemere, New York 11691

Sample ID	Sample Collection Date	Approximate Pipe / Casing Elevation (NAVD 88)	Approximate well screened Interval (ft btoc)	TCL VOCs	TCL SVOCs + 1,4-Dioxane	Pesticides	PCBs	PFAS	TAL Metals (total / dissolved)
Groundwater Samples									
2016-MW-01	10/15/2025	5.78	3.0-13.0	X	X	X	X	X	X
2016-MW-02	10/15/2025	6.06	3.0-13.0	X	X	X	X	X	X
2016-MW-03	10/15/2025	5.69	3.0-13.0	X	X	X	X	X	X
2016-MW-04	10/15/2025	6.17	3.0-13.0	X	X	X	X	X	X
2016-MW-05	10/15/2025	6.21	3.0-13.0	X	X	X	X	X	X
2025-GMW-01	10/15/2025	6.33	3.0-13.0	X	X	X	X	X	X
2025-GMW-02	10/15/2025	5.57	2.05-12.05	X	X	X	X	X	X
2025-GMW-03	10/15/2025	5.96	3.12-13.12	X	X	X	X	X	X
2025-GMW-04	10/15/2025	6.35	2.75-12.75	X	X	X	X	X	X
2025-GMW-05	10/15/2025	5.68	3.12-13.12	X	X	X	X	X	X
2025-GMW-06	10/15/2025	4.44	3.0-13.0	X	X	X	X	X	X
2025-GMW-07	10/15/2025	5.43	2.95-12.95	X	X	X	X	X	X
Duplicate-2025-10-15	10/15/2025	-	-	X	X	X	X	X	X

TABLE NOTES:

2025-GMW-01	Permanent Monitoring Well installed during the October 2025 Phase II Environmental Site Investigation
2016-MW	Permanent Monitoring Well installed during the 2016 Spill Investigation
ft	feet
btoc	below top of casing / pipe
VOCs	Volatile Organic Compounds.
SVOCs	Semivolatile Organic Compunds.
PCBs	Polychlorinated Biphenyls
TAL	Target Analyte List
TCL	Target Compound Lists
PFAS	Per - and Polyfluoroylalkyl Substances

Table 1 - Sample Collection Summary
Phase II Environmental Site Investigation

Ocean Bay Redevelopment
53-05 Beach Channel Drive and 360 Beach 54 Street
Edgemere, New York 11691

GZA Sample ID	Date Collected	Sample Depth	VOCs - TO-15
Soil Vapor Samples		**(ft bgs)**	
GSV-01	10/15/2025	3	X
GSV-02	10/15/2025	3	X
GSV-03	10/15/2025	3	X
GSV-04	10/15/2025	3	X
GSV-05	10/15/2025	3	X
GSV-06	10/15/2025	3	X
GSV-07	10/15/2025	3	X
GSV-08	10/15/2025	3	X
GSV-09	10/15/2025	3	X
Dup-2025-10-15	10/15/2025	-	X
Ambient Air Samples		**(ft ags)**	
AA-01	10/15/2025	3	X

TABLE NOTES:

ft	feet
ags/ bgs	above ground surface / below ground surface.
GSV	Soil vapor sample location location
AA	Ambient Air sample location
VOCs - TO-15	Volatile Organic Compounds - EPA Air Method, Toxic Organics - 15

Table 2
Monitoring Well Construction and Gauging Results
Phase II Environmental Site Investigation

Ocean Bay Redevelopment
53-05 Beach Channel Drive and 360 Beach 54 Street
Edgemere, New York 11691

Well ID	Well Diameter (inches)	Total Depth (feet)[1]	Well Screen Interval (feet)	Ground Elevation	TOC Elevation[2] (feet)	Depth to Water, BTOC[3] (feet)	Groundwater Elevation[4] (feet)
2016-MW-01	2	12.8	3.0-13.0[5]	6.39	5.78	3.27	2.51
2016-MW-02	2	14.2	3.0-13.0[5]	6.35	6.06	3.95	2.11
2016-MW-03	2	13.3	3.0-13.0[5]	6.10	5.69	3.29	2.40
2016-MW-04	2	13.0	3.0-13.0[5]	6.47	6.17	3.90	2.27
2016-MW-05	2	12.9	3.0-13.0[5]	6.47	6.21	4.60	1.61
2025-GMW-01	2	13.0	3.0-13.0	6.55	6.33	4.82	1.51
2025-GMW-02	2	12.1	2.05-12.05	5.75	5.57	3.36	2.21
2025-GMW-03	2	13.1	3.12-13.12	6.40	5.96	3.68	2.28
2025-GMW-04	2	12.7	2.75-12.75	6.68	6.35	3.98	2.37
2025-GMW-05	2	13.1	3.12-13.12	5.99	5.68	3.13	2.55
2025-GMW-06	2	13.0	3.0-13.0	4.66	4.44	2.05	2.39
2025-GMW-07	2	13.0	2.95-12.95	5.79	5.43	3.31	2.12

TABLE NOTES:

Measurements obtained during the October 15, 2025 sampling event

1. Depth to bottom measured during sampling
2. TOC – Top of casing
3. BTOC – Below top of casing
4. Elevations are based upon NAVD 88
5. Estimated from previous subsurface investigation performed by others

Table 3 - Volatile Organic Compounds in Soil
Phase II Environmental Site Investigation

Ocean Bay Redevelopment
53-05 Beach Channel Drive and 360 Beach 54 Street
Edgemere, New York 11691

LOCATION	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives	NYSDEC Part 375 Protection of Groundwater Soil Cleanup Objectives	GZ-01 (0-2FT)		GZ-01 (2.5-4.5FT)		GZ-02 (0-2FT)		GZ-02 (2.5-4.5FT)		GZ-03 (0-2FT)		GZ-03 (2.5-4.5FT)		GZ-04 (0-2FT)		GZ-04 (3-5FT)	
LAB SAMPLE ID				L2563358-13		L2563358-14		L2563358-01		L2563358-02		L2563358-15		L2563358-16		L2563358-17		L2563358-18	
SAMPLING DATE				10/8/2025		10/8/2025		10/7/2025		10/7/2025		10/8/2025		10/8/2025		10/8/2025		10/8/2025	
SAMPLE TYPE				Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
				Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatile Organics by EPA 8260 (mg/kg)																			
1,1,1,2-Tetrachloroethane	-	-	-	0.00061	U	0.00063	U	0.00063	U	0.0006	U	0.00056	U	0.00056	U	0.032	U	0.03	U
1,1,1-Trichloroethane	0.68	100	0.68	0.00061	U	0.00063	U	0.00063	U	0.0006	U	0.00056	U	0.00056	U	0.032	U	0.03	U
1,1,2,2-Tetrachloroethane	-	-	-	0.00061	U	0.00063	U	0.00063	U	0.0006	U	0.00056	U	0.00056	U	0.032	U	0.03	U
1,1,2-Trichloroethane	-	-	-	0.0012	U	0.0013	U	0.0013	U	0.0012	U	0.0011	U	0.0011	U	0.064	U	0.059	U
1,1-Dichloroethane	0.27	47	0.27	0.0012	U	0.0013	U	0.0013	U	0.0012	U	0.0011	U	0.0011	U	0.064	U	0.059	U
1,1-Dichloroethene	0.24	0.98	0.33	0.0012	U	0.0013	U	0.0013	U	0.0012	U	0.0011	U	0.0011	U	0.064	U	0.059	U
1,1-Dichloropropene	-	-	-	0.00061	U	0.00063	U	0.00063	U	0.0006	U	0.00056	U	0.00056	U	0.032	U	0.03	U
1,2,3-Trichlorobenzene	-	-	-	0.0024	U	0.0025	U	0.0025	U	0.0024	U	0.0022	U	0.0022	U	0.13	U	0.12	U
1,2,3-Trichloropropane	-	-	-	0.0024	U	0.0025	U	0.0025	U	0.0024	U	0.0022	U	0.0022	U	0.13	U	0.12	U
1,2,4,5-Tetramethylbenzene	-	-	-	0.0024	U	0.0025	U	0.0025	U	0.0024	U	0.0022	U	0.0022	U	0.13	U	0.12	U
1,2,4-Trichlorobenzene	-	-	-	0.0024	U	0.0025	U	0.0025	U	0.0024	U	0.0022	U	0.0022	U	0.13	U	0.12	U
1,2,4-Trimethylbenzene	5.9	100	5.9	0.0024	U	0.0025	U	0.0025	U	0.0024	U	0.0022	U	0.0022	U	0.13	U	0.12	U
1,2-Dibromo-3-chloropropane	-	-	-	0.0036	U	0.0038	U	0.0038	U	0.0036	U	0.0034	U	0.0034	U	0.19	U	0.18	U
1,2-Dibromoethane	-	-	-	0.0012	U	0.0013	U	0.0013	U	0.0012	U	0.0011	U	0.0011	U	0.064	U	0.059	U
1,2-Dichlorobenzene	1.1	100	1.1	0.0024	U	0.0025	U	0.0025	U	0.0024	U	0.0022	U	0.0022	U	0.13	U	0.12	U
1,2-Dichloroethane	0.02	5.8	0.02	0.0012	U	0.0013	U	0.0013	U	0.0012	U	0.0011	U	0.0011	U	0.064	U	0.059	U
1,2-Dichloroethene, Total	-	-	-	0.0012	U	0.0013	U	0.0013	U	0.0012	U	0.0011	U	0.0011	U	0.064	U	0.059	U
1,2-Dichloropropane	-	-	-	0.0012	U	0.0013	U	0.0013	U	0.0012	U	0.0011	U	0.0011	U	0.064	U	0.059	U
1,3,5-Trimethylbenzene	3.1	100	3.1	0.0024	U	0.0025	U	0.0025	U	0.0024	U	0.0022	U	0.0022	U	0.13	U	0.12	U
1,3-Dichlorobenzene	2.6	38	2.6	0.0024	U	0.0025	U	0.0025	U	0.0024	U	0.0022	U	0.0022	U	0.13	U	0.12	U
1,3-Dichloropropane	-	-	-	0.0024	U	0.0025	U	0.0025	U	0.0024	U	0.0022	U	0.0022	U	0.13	U	0.12	U
1,3-Dichloropropene, Total	-	-	-	0.00061	U	0.00063	U	0.00063	U	0.0006	U	0.00056	U	0.00056	U	0.032	U	0.03	U
1,4-Dichlorobenzene	1.8	24	1.8	0.0024	U	0.0025	U	0.0025	U	0.0024	U	0.0022	U	0.0022	U	0.13	U	0.12	U
1,4-Dioxane	0.1	5.7	0.1	0.097	U	0.1	U	0.1	U	0.096	U	0.09	U	0.09	U	5.2	U	4.8	U
2,2-Dichloropropane		-	-	0.0024	U	0.0025	U	0.0025	U	0.0024	U	0.0022	U	0.0022	U	0.13	U	0.12	U
2-Butanone	0.1	100	0.1	0.012	U	0.013	U	0.013	U	0.012	U	0.011	U	0.011	U	0.64	U	0.59	U
2-Hexanone	-	-	-	0.012	U	0.013	U	0.013	U	0.012	U	0.011	U	0.011	U	0.64	U	0.59	U
4-Methyl-2-pentanone	-	-	-	0.012	U	0.013	U	0.013	U	0.012	U	0.011	U	0.011	U	0.64	U	0.59	U
Acetone	0.03	100	0.03	0.012	U	0.013	U	0.013	U	0.012	U	0.011	U	0.011	U	0.64	U	0.59	U
Acrylonitrile		-		0.0049	U	0.0051	U	0.0051	U	0.0048	U	0.0045	U	0.0045	U	0.26	U	0.24	U
Benzene	0.06	3.7	0.06	0.00061	U	0.00063	U	0.00063	U	0.0006	U	0.00056	U	0.00056	U	0.032	U	0.026	J
Bromobenzene		-	-	0.0024	U	0.0025	U	0.0025	U	0.0024	U	0.0022	U	0.0022	U	0.13	U	0.12	U
Bromochloromethane		-	-	0.0024	U	0.0025	U	0.0025	U	0.0024	U	0.0022	U	0.0022	U	0.13	U	0.12	U
Bromodichloromethane		-	-	0.00061	U	0.00063	U	0.00063	U	0.0006	U	0.00056	U	0.00056	U	0.032	U	0.03	U
Bromoform		-	-	0.0049	U	0.0051	U	0.0051	U	0.0048	U	0.0045	U	0.0045	U	0.26	U	0.24	U
Bromomethane		-	-	0.0024	U	0.0025	U	0.0025	U	0.0024	U	0.0022	U	0.0022	U	0.13	U	0.12	U
Carbon disulfide		-	-	0.012	U	0.013	U	0.013	U	0.012	U	0.011	U	0.011	U	0.64	U	0.59	U
Carbon tetrachloride	0.76	7.1	0.76	0.0012	U	0.0013	U	0.0013	U	0.0012	U	0.0011	U	0.0011	U	0.064	U	0.059	U
Chlorobenzene	4.5	100	4.5	0.00061	U	0.00063	U	0.00063	U	0.0006	U	0.00056	U	0.00056	U	0.032	U	0.03	U
Chloroethane		-	-	0.0024	U	0.0025	U	0.0025	U	0.0024	U	0.0022	U	0.0022	U	0.13	U	0.12	U
Chloroform	0.37	24	0.37	0.0018	U	0.0019	U	0.0019	U	0.0018	U	0.0017	U	0.0017	U	0.032	J	0.038	J
Chloromethane		-	-	0.0049	U	0.0051	U	0.0051	U	0.0048	U	0.0045	U	0.0045	U	0.26	U	0.24	U
cis-1,2-Dichloroethene	0.19	41	0.19	0.0012	U	0.0013	U	0.0013	U	0.0012	U	0.0011	U	0.0011	U	0.064	U	0.059	U
cis-1,3-Dichloropropene		-	-	0.00061	U	0.00063	U	0.00063	U	0.0006	U	0.00056	U	0.00056	U	0.032	U	0.03	U
Dibromochloromethane	-	-	-	0.0012	U	0.0013	U	0.0013	U	0.0012	U	0.0011	U	0.0011	U	0.064	U	0.059	U
Dibromomethane	-	-	-	0.0024	U	0.0025	U	0.0025	U	0.0024	U	0.0022	U	0.0022	U	0.13	U	0.12	U
Dichlorodifluoromethane	-	-	-	0.012	U	0.013	U	0.013	U	0.012	U	0.011	U	0.011	U	0.64	U	0.59	U
Ethyl ether	-	-	-	0.0024	U	0.0025	U	0.0025	U	0.0024	U	0.0022	U	0.0022	U	0.13	U	0.12	U
Ethylbenzene	1	76	1	0.0012	U	0.0013	U	0.0013	U	0.0012	U	0.0011	U	0.0011	U	0.064	U	0.059	U
Hexachlorobutadiene	-	-	-	0.0049	U	0.0051	U	0.0051	U	0.0048	U	0.0045	U	0.0045	U	0.26	U	0.24	U
Isopropylbenzene	-	-	-	0.0012	U	0.0013	U	0.0013	U	0.0012	U	0.0011	U	0.0011	U	0.064	U	0.059	U
Methyl tert butyl ether	0.1	100	0.1	0.0024	U	0.0025	U	0.0025	U	0.0024	U	0.0022	U	0.0022	U	0.13	U	0.12	U
Methylene chloride	0.05	81	0.05	0.0061	U	0.0063	U	0.0063	U	0.006	U	0.0056	U	0.0056	U	0.32	U	0.3	U
n-Butylbenzene	18	100	18	0.0012	U	0.0013	U	0.0013	U	0.0012	U	0.0011	U	0.0011	U	0.064	U	0.059	U
n-Propylbenzene	5	100	5	0.0012	U	0.0013	U	0.0013	U	0.0012	U	0.0011	U	0.0011	U	0.064	U	0.059	U
Naphthalene	12	100	12	0.0049	U	0.0051	U	0.0051	U	0.0048	U	0.0045	U	0.0045	U	0.26	U	0.11	J
o-Chlorotoluene		-	-	0.0024	U	0.0025	U	0.0025	U	0.0024	U	0.0022	U	0.0022	U	0.13	U	0.12	U
o-Xylene		-	-	0.0012	U	0.0013	U	0.0013	U	0.0012	U	0.0011	U	0.0011	U	0.064	U	0.059	U
p-Chlorotoluene		-	-	0.0024	U	0.0025	U	0.0025	U	0.0024	U	0.0022	U	0.0022	U	0.13	U	0.12	U
p-Diethylbenzene		-	-	0.0024	U	0.0025	U	0.0025	U	0.0024	U	0.0022	U	0.0022	U	0.13	U	0.12	U
p-Ethyltoluene		-	-	0.0024	U	0.0025	U	0.0025	U	0.0024	U	0.0022	U	0.0022	U	0.13	U	0.12	U
p-Isopropyltoluene		-	-	0.0012	U	0.0013	U	0.0013	U	0.0012	U	0.0011	U	0.0011	U	0.064	U	0.059	U
p/m-Xylene		-	-	0.0024	U	0.0025	U	0.0025	U	0.0024	U	0.0022	U	0.0022	U	0.13	U	0.12	U
sec-Butylbenzene	25	100	25	0.0012	U	0.0013	U	0.0013	U	0.0012	U	0.0011	U	0.0011	U	0.064	U	0.059	U
Styrene		-	-	0.0012	U	0.0013	U	0.0013	U	0.0012	U	0.0011	U	0.0011	U	0.064	U	0.059	U
tert-Butylbenzene	11	100	11	0.0024	U	0.0025	U	0.0025	U	0.0024	U	0.0022	U	0.0022	U	0.13	U	0.12	U
Tetrachloroethene	1.3	18	1.3	0.00077		0.0012		0.002		0.0047		0.0021		0.00056	U	**12**		**5.4**	
Toluene	0.7	100	0.7	0.0012	U	0.0013	U	0.0013	U	0.0012	U	0.0011	U	0.0011	U	0.064	U	0.038	J
trans-1,2-Dichloroethene	0.19	100	0.19	0.0018	U	0.0019	U	0.0019	U	0.0018	U	0.0017	U	0.0017	U	0.097	U	0.089	U
trans-1,3-Dichloropropene	-	-	-	0.0012	U	0.0013	U	0.0013	U	0.0012	U	0.0011	U	0.0011	U	0.064	U	0.059	U
trans-1,4-Dichloro-2-butene	-	-	-	0.0061	U	0.0063	U	0.0063	U	0.006	U	0.0056	U	0.0056	U	0.32	U	0.3	U
Trichloroethene	0.47	6.4	0.47	0.00061	U	0.00063	U	0.00063	U	0.00024	J	0.00056	U	0.00056	U	0.032	U	0.012	J
Trichlorofluoromethane	-	-	-	0.0049	U	0.0051	U	0.0051	U	0.0048	U	0.0045	U	0.0045	U	0.26	U	0.24	U
Vinyl acetate	-	-	-	0.012	U	0.013	U	0.013	U	0.012	U	0.011	U	0.011	U	0.64	U	0.59	U
Vinyl chloride	0.03	0.48	0.03	0.0012	U	0.0013	U	0.0013	U	0.0012	U	0.0011	U	0.0011	U	0.064	U	0.059	U
Xylenes, Total	0.26	100	1.2	0.0012	U	0.0013	U	0.0013	U	0.0012	U	0.0011	U	0.0011	U	0.064	U	0.059	U

TABLE NOTES:

Analyte exceeds the New York State Department of Environmental Conservation (NYSDEC) Part 375 Unrestricted Use Soil Cleanup Objectives (SCOs),revised December 2025

Analyte exceeds the NYSDEC Part 375 Unrestricted Use and Restricted Residential Use SCOs, rev. Dec 2025

Analyte exceeds the NYSDEC Part 375 Unrestricted Use, Restricted Residential Use, and Protection of Groundwater SCOs, rev. Dec 2025

Analyte exceeds the NYSDEC Part 375 Unrestricted Use and Protection of Groundwater SCOs, rev. Dec. 2025

U : Not detected at the reported detection limit for the sample.

J: Analyte detected at or above the method detection limit but below the reporting limit.

E: Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

mg/kg: Milligrams per Kilogram.

- : No Standards or Guidance Value.

Table 3 - Volatile Organic Compounds in Soil
Phase II Environmental Site Investigation

Ocean Bay Redevelopment
53-05 Beach Channel Drive and 360 Beach 54 Street
Edgemere, New York 11691

LOCATION	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives	NYSDEC Part 375 Protection of Groundwater Soil Cleanup Objectives	GZ-05 (0-2FT)		GZ-05 (2.5-4.5FT)		GZ-06 (0-2FT)		GZ-06 (2.5-4.5FT)		GZ-07 (0-2FT)		GZ-07 (3-5FT)		GZ-08 (0-2FT)		GZ-08 (2.5-4.5FT)	
LAB SAMPLE ID				L2563358-03		L2563358-04		L2562994-01		L2562994-02		L2562994-03		L2562994-04		L2563358-19		L2563358-20	
SAMPLING DATE				10/7/2025		10/7/2025		10/6/2025		10/6/2025		10/6/2025		10/6/2025		10/8/2025		10/8/2025	
SAMPLE TYPE				Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
				Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatile Organics by EPA 8260 (mg/kg)																			
1,1,1,2-Tetrachloroethane	-	-	-	0.00056	U	0.00052	U	0.00067	U	0.00059	U	0.00061	U	0.00055	U	0.00052	U	0.00051	U
1,1,1-Trichloroethane	0.68	100	0.68	0.00056	U	0.00052	U	0.00067	U	0.00059	U	0.00061	U	0.00055	U	0.00052	U	0.00051	U
1,1,2,2-Tetrachloroethane	-	-	-	0.00056	U	0.00052	U	0.00067	U	0.00059	U	0.00061	U	0.00055	U	0.00052	U	0.00051	U
1,1,2-Trichloroethane	-	-	-	0.0011	U	0.001	U	0.0013	U	0.0012	U	0.0012	U	0.0011	U	0.001	U	0.001	U
1,1-Dichloroethane	0.27	47	0.27	0.0011	U	0.001	U	0.0013	U	0.0012	U	0.0012	U	0.0011	U	0.001	U	0.001	U
1,1-Dichloroethene	0.24	0.98	0.33	0.0011	U	0.001	U	0.0013	U	0.0012	U	0.0012	U	0.0011	U	0.001	U	0.001	U
1,1-Dichloropropene	-	-	-	0.00056	U	0.00052	U	0.00067	U	0.00059	U	0.00061	U	0.00055	U	0.00052	U	0.00051	U
1,2,3-Trichlorobenzene	-	-	-	0.0022	U	0.0021	U	0.0027	U	0.0024	U	0.0024	U	0.0022	U	0.0021	U	0.002	U
1,2,3-Trichloropropane	-	-	-	0.0022	U	0.0021	U	0.0027	U	0.0024	U	0.0024	U	0.0022	U	0.0021	U	0.002	U
1,2,4,5-Tetramethylbenzene	-	-	-	0.0022	U	0.0021	U	0.0027	U	0.0024	U	0.0024	U	0.0022	U	0.0021	U	0.002	U
1,2,4-Trichlorobenzene	-	-	-	0.0022	U	0.0021	U	0.0027	U	0.0024	U	0.0024	U	0.0022	U	0.0021	U	0.002	U
1,2,4-Trimethylbenzene	5.9	100	5.9	0.0022	U	0.0021	U	0.0027	U	0.0024	U	0.0024	U	0.0022	U	0.0021	U	0.002	U
1,2-Dibromo-3-chloropropane	-	-	-	0.0034	U	0.0031	U	0.004	U	0.0035	U	0.0037	U	0.0033	U	0.0031	U	0.003	U
1,2-Dibromoethane	-	-	-	0.0011	U	0.001	U	0.0013	U	0.0012	U	0.0012	U	0.0011	U	0.001	U	0.001	U
1,2-Dichlorobenzene	1.1	100	1.1	0.0022	U	0.0021	U	0.0027	U	0.0024	U	0.0024	U	0.0022	U	0.0021	U	0.002	U
1,2-Dichloroethane	0.02	5.8	0.02	0.0011	U	0.001	U	0.0013	U	0.0012	U	0.0012	U	0.0011	U	0.001	U	0.001	U
1,2-Dichloroethene, Total	-	-	-	0.0011	U	0.001	U	0.0013	U	0.0012	U	0.0012	U	0.0011	U	0.001	U	0.001	U
1,2-Dichloropropane	-	-	-	0.0011	U	0.001	U	0.0013	U	0.0012	U	0.0012	U	0.0011	U	0.001	U	0.001	U
1,3,5-Trimethylbenzene	3.1	100	3.1	0.0022	U	0.0021	U	0.0027	U	0.0024	U	0.0024	U	0.0022	U	0.0021	U	0.002	U
1,3-Dichlorobenzene	2.6	38	2.6	0.0022	U	0.0021	U	0.0027	U	0.0024	U	0.0024	U	0.0022	U	0.0021	U	0.002	U
1,3-Dichloropropane	-	-	-	0.0022	U	0.0021	U	0.0027	U	0.0024	U	0.0024	U	0.0022	U	0.0021	U	0.002	U
1,3-Dichloropropene, Total	-	-	-	0.00056	U	0.00052	U	0.00067	U	0.00059	U	0.00061	U	0.00055	U	0.00052	U	0.00051	U
1,4-Dichlorobenzene	1.8	24	1.8	0.0022	U	0.0021	U	0.0027	U	0.0024	U	0.0024	U	0.0022	U	0.0021	U	0.002	U
1,4-Dioxane	0.1	5.7	0.1	0.09	U	0.083	U	0.11	U	0.094	U	0.098	U	0.088	U	0.083	U	0.081	U
2,2-Dichloropropane		-	-	0.0022	U	0.0021	U	0.0027	U	0.0024	U	0.0024	U	0.0022	U	0.0021	U	0.002	U
2-Butanone	0.1	100	0.1	0.011	U	0.01	U	0.013	U	0.012	U	0.012	U	0.011	U	0.01	U	0.01	U
2-Hexanone	-	-	-	0.011	U	0.01	U	0.013	U	0.012	U	0.012	U	0.011	U	0.01	U	0.01	U
4-Methyl-2-pentanone	-	-	-	0.011	U	0.01	U	0.013	U	0.012	U	0.012	U	0.011	U	0.01	U	0.01	U
Acetone	0.03	100	0.03	0.011	U	0.01	U	0.013	U	0.012	U	0.012	U	0.011	U	0.01	U	0.01	U
Acrylonitrile		-		0.0045	U	0.0041	U	0.0053	U	0.0047	U	0.0049	U	0.0044	U	0.0041	U	0.0041	U
Benzene	0.06	3.7	0.06	0.00056	U	0.00052	U	0.00067	U	0.00059	U	0.00061	U	0.00055	U	0.00052	U	0.00051	U
Bromobenzene		-	-	0.0022	U	0.0021	U	0.0027	U	0.0024	U	0.0024	U	0.0022	U	0.0021	U	0.002	U
Bromochloromethane		-	-	0.0022	U	0.0021	U	0.0027	U	0.0024	U	0.0024	U	0.0022	U	0.0021	U	0.002	U
Bromodichloromethane		-	-	0.00056	U	0.00052	U	0.00067	U	0.00059	U	0.00061	U	0.00055	U	0.00052	U	0.00051	U
Bromoform		-	-	0.0045	U	0.0041	U	0.0053	U	0.0047	U	0.0049	U	0.0044	U	0.0041	U	0.0041	U
Bromomethane		-	-	0.0022	U	0.0021	U	0.0027	U	0.0024	U	0.0024	U	0.0022	U	0.0021	U	0.002	U
Carbon disulfide		-	-	0.011	U	0.01	U	0.013	U	0.012	U	0.012	U	0.011	U	0.01	U	0.01	U
Carbon tetrachloride	0.76	7.1	0.76	0.0011	U	0.001	U	0.0013	U	0.0012	U	0.0012	U	0.0011	U	0.001	U	0.001	U
Chlorobenzene	4.5	100	4.5	0.00056	U	0.00052	U	0.00067	U	0.00059	U	0.00061	U	0.00055	U	0.00052	U	0.00051	U
Chloroethane		-	-	0.0022	U	0.0021	U	0.0027	U	0.0024	U	0.0024	U	0.0022	U	0.0021	U	0.002	U
Chloroform	0.37	24	0.37	0.0017	U	0.0016	U	0.002	U	0.0018	U	0.0018	U	0.0016	U	0.0016	U	0.0015	U
Chloromethane		-	-	0.0045	U	0.0041	U	0.0053	U	0.0047	U	0.0049	U	0.0044	U	0.0041	U	0.0041	U
cis-1,2-Dichloroethene	0.19	41	0.19	0.0011	U	0.001	U	0.0013	U	0.0012	U	0.0012	U	0.0011	U	0.001	U	0.001	U
cis-1,3-Dichloropropene		-	-	0.00056	U	0.00052	U	0.00067	U	0.00059	U	0.00061	U	0.00055	U	0.00052	U	0.00051	U
Dibromochloromethane	-	-	-	0.0011	U	0.001	U	0.0013	U	0.0012	U	0.0012	U	0.0011	U	0.001	U	0.001	U
Dibromomethane	-	-	-	0.0022	U	0.0021	U	0.0027	U	0.0024	U	0.0024	U	0.0022	U	0.0021	U	0.002	U
Dichlorodifluoromethane	-	-	-	0.011	U	0.01	U	0.013	U	0.012	U	0.012	U	0.011	U	0.01	U	0.01	U
Ethyl ether	-	-	-	0.0022	U	0.0021	U	0.0027	U	0.0024	U	0.0024	U	0.0022	U	0.0021	U	0.002	U
Ethylbenzene	1	76	1	0.0011	U	0.001	U	0.0013	U	0.0012	U	0.0012	U	0.0011	U	0.001	U	0.001	U
Hexachlorobutadiene	-	-	-	0.0045	U	0.0041	U	0.0053	U	0.0047	U	0.0049	U	0.0044	U	0.0041	U	0.0041	U
Isopropylbenzene	-	-	-	0.0011	U	0.001	U	0.0013	U	0.0012	U	0.0012	U	0.0011	U	0.001	U	0.001	U
Methyl tert butyl ether	0.1	100	0.1	0.0022	U	0.0021	U	0.0027	U	0.0024	U	0.0024	U	0.0022	U	0.0021	U	0.002	U
Methylene chloride	0.05	81	0.05	0.0056	U	0.0052	U	0.0067	U	0.0059	U	0.0061	U	0.0055	U	0.0052	U	0.0051	U
n-Butylbenzene	18	100	18	0.0011	U	0.001	U	0.0013	U	0.0012	U	0.0012	U	0.0011	U	0.001	U	0.001	U
n-Propylbenzene	5	100	5	0.0011	U	0.001	U	0.0013	U	0.0012	U	0.0012	U	0.0011	U	0.001	U	0.001	U
Naphthalene	12	100	12	0.0045	U	0.0041	U	0.0053	U	0.0047	U	0.0049	U	0.0044	U	0.0041	U	0.0041	U
o-Chlorotoluene		-	-	0.0022	U	0.0021	U	0.0027	U	0.0024	U	0.0024	U	0.0022	U	0.0021	U	0.002	U
o-Xylene		-	-	0.0011	U	0.001	U	0.0013	U	0.0012	U	0.0012	U	0.0011	U	0.001	U	0.001	U
p-Chlorotoluene		-	-	0.0022	U	0.0021	U	0.0027	U	0.0024	U	0.0024	U	0.0022	U	0.0021	U	0.002	U
p-Diethylbenzene		-	-	0.0022	U	0.0021	U	0.0027	U	0.0024	U	0.0024	U	0.0022	U	0.0021	U	0.002	U
p-Ethyltoluene		-	-	0.0022	U	0.0021	U	0.0027	U	0.0024	U	0.0024	U	0.0022	U	0.0021	U	0.002	U
p-Isopropyltoluene		-	-	0.0011	U	0.001	U	0.0013	U	0.0012	U	0.0012	U	0.0011	U	0.001	U	0.001	U
p/m-Xylene		-	-	0.0022	U	0.0021	U	0.0027	U	0.0024	U	0.0024	U	0.0022	U	0.0021	U	0.002	U
sec-Butylbenzene	25	100	25	0.0011	U	0.001	U	0.0013	U	0.0012	U	0.0012	U	0.0011	U	0.001	U	0.001	U
Styrene		-	-	0.0011	U	0.001	U	0.0013	U	0.0012	U	0.0012	U	0.0011	U	0.001	U	0.001	U
tert-Butylbenzene	11	100	11	0.0022	U	0.0021	U	0.0027	U	0.0024	U	0.0024	U	0.0022	U	0.0021	U	0.002	U
Tetrachloroethene	1.3	18	1.3	0.0022		0.0014		0.00067	U	0.00059	U	0.00061	U	0.00055	U	0.00052	U	0.0018	
Toluene	0.7	100	0.7	0.0011	U	0.001	U	0.0013	U	0.0012	U	0.0012	U	0.0011	U	0.001	U	0.001	U
trans-1,2-Dichloroethene	0.19	100	0.19	0.0017	U	0.0016	U	0.002	U	0.0018	U	0.0018	U	0.0016	U	0.0016	U	0.0015	U
trans-1,3-Dichloropropene	-	-	-	0.0011	U	0.001	U	0.0013	U	0.0012	U	0.0012	U	0.0011	U	0.001	U	0.001	U
trans-1,4-Dichloro-2-butene	-	-	-	0.0056	U	0.0052	U	0.0067	U	0.0059	U	0.0061	U	0.0055	U	0.0052	U	0.0051	U
Trichloroethene	0.47	6.4	0.47	0.00056	U	0.00052	U	0.00067	U	0.00059	U	0.00061	U	0.00055	U	0.00052	U	0.00051	U
Trichlorofluoromethane	-	-	-	0.0045	U	0.0041	U	0.0053	U	0.0047	U	0.0049	U	0.0044	U	0.0041	U	0.0041	U
Vinyl acetate	-	-	-	0.011	U	0.01	U	0.013	U	0.012	U	0.012	U	0.011	U	0.01	U	0.01	U
Vinyl chloride	0.03	0.48	0.03	0.0011	U	0.001	U	0.0013	U	0.0012	U	0.0012	U	0.0011	U	0.001	U	0.001	U
Xylenes, Total	0.26	100	1.2	0.0011	U	0.001	U	0.0013	U	0.0012	U	0.0012	U	0.0011	U	0.001	U	0.001	U

TABLE NOTES:

Analyte exceeds the New York State Department of Environmental Conservation (NYSDEC) Part 375 Unrestricted Use Soil Cleanup Objectives (SCOs),revised December 2025

Analyte exceeds the NYSDEC Part 375 Unrestricted Use and Restricted Residential Use SCOs, rev. Dec 2025

Analyte exceeds the NYSDEC Part 375 Unrestricted Use, Restricted Residential Use, and Protection of Groundwater SCOs, rev. Dec 2025

Analyte exceeds the NYSDEC Part 375 Unrestricted Use and Protection of Groundwater SCOs, rev. Dec. 2025

U : Not detected at the reported detection limit for the sample.

J: Analyte detected at or above the method detection limit but below the reporting limit.

E: Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

mg/kg: Milligrams per Kilogram.

- : No Standards or Guidance Value.

Table 3 - Volatile Organic Compounds in Soil
Phase II Environmental Site Investigation

Ocean Bay Redevelopment
53-05 Beach Channel Drive and 360 Beach 54 Street
Edgemere, New York 11691

LOCATION	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives	NYSDEC Part 375 Protection of Groundwater Soil Cleanup Objectives	GZ-09 (0-2FT)		GZ-09 (2.5-4.5FT)		GZ-10 (0-2FT)		GZ-10 (2.5-4.5FT)		GZ-10 (6-8FT)		GZ-11 (0-2FT)		GZ-11 (2.5-4.5FT)	
LAB SAMPLE ID				L2563358-21		L2563358-22		L2562994-05		L2562994-06		L2562994-07		L2562994-08		L2562994-09	
SAMPLING DATE				10/8/2025		10/8/2025		10/6/2025		10/6/2025		10/6/2025		10/6/2025		10/6/2025	
SAMPLE TYPE				Soil		Soil		Soil		Soil		Soil		Soil		Soil	
				Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatile Organics by EPA 8260 (mg/kg)																	
1,1,1,2-Tetrachloroethane	-	-	-	0.00046	U	0.00056	U	0.00062	U	0.00055	U	0.00059	U	0.0006	U	0.00057	U
1,1,1-Trichloroethane	0.68	100	0.68	0.00046	U	0.00056	U	0.00062	U	0.00055	U	0.00059	U	0.0006	U	0.00057	U
1,1,2,2-Tetrachloroethane	-	-	-	0.00046	U	0.00056	U	0.00062	U	0.00055	U	0.00059	U	0.0006	U	0.00057	U
1,1,2-Trichloroethane	-	-	-	0.00093	U	0.0011	U	0.0012	U	0.0011	U	0.0012	U	0.0012	U	0.0011	U
1,1-Dichloroethane	0.27	47	0.27	0.00093	U	0.0011	U	0.0012	U	0.0011	U	0.0012	U	0.0012	U	0.0011	U
1,1-Dichloroethene	0.24	0.98	0.33	0.00093	U	0.0011	U	0.0012	U	0.0011	U	0.0012	U	0.0012	U	0.0011	U
1,1-Dichloropropene	-	-	-	0.00046	U	0.00056	U	0.00062	U	0.00055	U	0.00059	U	0.0006	U	0.00057	U
1,2,3-Trichlorobenzene	-	-	-	0.0018	U	0.0023	U	0.0025	U	0.0022	U	0.0024	U	0.0024	U	0.0023	U
1,2,3-Trichloropropane	-	-	-	0.0018	U	0.0023	U	0.0025	U	0.0022	U	0.0024	U	0.0024	U	0.0023	U
1,2,4,5-Tetramethylbenzene	-	-	-	0.0018	U	0.0023	U	0.0025	U	0.00031	J	0.38	E	0.015		0.0023	U
1,2,4-Trichlorobenzene	-	-	-	0.0018	U	0.0023	U	0.0025	U	0.0022	U	0.0024	U	0.0024	U	0.0023	U
1,2,4-Trimethylbenzene	5.9	100	5.9	0.0018	U	0.0023	U	0.0025	U	0.00079	J	3.9	E	0.009		0.0023	U
1,2-Dibromo-3-chloropropane	-	-	-	0.0028	U	0.0034	U	0.0038	U	0.0033	U	0.0035	U	0.0036	U	0.0034	U
1,2-Dibromoethane	-	-	-	0.00093	U	0.0011	U	0.0012	U	0.0011	U	0.0012	U	0.0012	U	0.0011	U
1,2-Dichlorobenzene	1.1	100	1.1	0.0018	U	0.0023	U	0.0025	U	0.0022	U	0.0024	U	0.0024	U	0.0023	U
1,2-Dichloroethane	0.02	5.8	0.02	0.00093	U	0.0011	U	0.0012	U	0.0011	U	0.0012	U	0.0012	U	0.0011	U
1,2-Dichloroethene, Total	-	-	-	0.00093	U	0.0011	U	0.0012	U	0.0011	U	0.0012	U	0.0012	U	0.0011	U
1,2-Dichloropropane	-	-	-	0.00093	U	0.0011	U	0.0012	U	0.0011	U	0.0012	U	0.0012	U	0.0011	U
1,3,5-Trimethylbenzene	3.1	100	3.1	0.0018	U	0.0023	U	0.0025	U	0.0022	U	0.0024	U	0.0024	U	0.0023	U
1,3-Dichlorobenzene	2.6	38	2.6	0.0018	U	0.0023	U	0.0025	U	0.0022	U	0.0024	U	0.0024	U	0.0023	U
1,3-Dichloropropane	-	-	-	0.0018	U	0.0023	U	0.0025	U	0.0022	U	0.0024	U	0.0024	U	0.0023	U
1,3-Dichloropropene, Total	-	-	-	0.00046	U	0.00056	U	0.00062	U	0.00055	U	0.00059	U	0.0006	U	0.00057	U
1,4-Dichlorobenzene	1.8	24	1.8	0.0018	U	0.0023	U	0.0025	U	0.0022	U	0.0024	U	0.0024	U	0.0023	U
1,4-Dioxane	0.1	5.7	0.1	0.074	U	0.09	U	0.1	U	0.087	U	0.094	U	0.096	U	0.091	U
2,2-Dichloropropane		-	-	0.0018	U	0.0023	U	0.0025	U	0.0022	U	0.0024	U	0.0024	U	0.0023	U
2-Butanone	0.1	100	0.1	0.0093	U	0.011	U	0.012	U	0.011	U	0.012	U	0.012	U	0.011	U
2-Hexanone	-	-	-	0.0093	U	0.011	U	0.012	U	0.011	U	0.012	U	0.012	U	0.011	U
4-Methyl-2-pentanone	-	-	-	0.0093	U	0.011	U	0.012	U	0.011	U	0.012	U	0.012	U	0.011	U
Acetone	0.03	100	0.03	0.0093	U	0.011	U	0.012	U	0.0097	J	0.012	U	0.0064	J	0.011	U
Acrylonitrile		-		0.0037	U	0.0045	U	0.005	U	0.0044	U	0.0047	U	0.0048	U	0.0046	U
Benzene	0.06	3.7	0.06	0.00046	U	0.00056	U	0.00062	U	0.00018	J	0.00059	U	0.0006	U	0.00057	U
Bromobenzene		-	-	0.0018	U	0.0023	U	0.0025	U	0.0022	U	0.0024	U	0.0024	U	0.0023	U
Bromochloromethane		-	-	0.0018	U	0.0023	U	0.0025	U	0.0022	U	0.0024	U	0.0024	U	0.0023	U
Bromodichloromethane		-	-	0.00046	U	0.00056	U	0.00062	U	0.00055	U	0.00059	U	0.0006	U	0.00057	U
Bromoform		-	-	0.0037	U	0.0045	U	0.005	U	0.0044	U	0.0047	U	0.0048	U	0.0046	U
Bromomethane		-	-	0.0018	U	0.0023	U	0.0025	U	0.0022	U	0.0024	U	0.0024	U	0.0023	U
Carbon disulfide		-	-	0.0093	U	0.011	U	0.012	U	0.011	U	0.012	U	0.012	U	0.011	U
Carbon tetrachloride	0.76	7.1	0.76	0.00093	U	0.0011	U	0.0012	U	0.0011	U	0.0012	U	0.0012	U	0.0011	U
Chlorobenzene	4.5	100	4.5	0.00046	U	0.00056	U	0.00062	U	0.00055	U	0.00059	U	0.0006	U	0.00057	U
Chloroethane		-	-	0.0018	U	0.0023	U	0.0025	U	0.0022	U	0.00054	J	0.0024	U	0.0023	U
Chloroform	0.37	24	0.37	0.0014	U	0.0017	U	0.0019	U	0.00025	J	0.0018	U	0.0018	U	0.0017	U
Chloromethane		-	-	0.0037	U	0.0045	U	0.005	U	0.0044	U	0.0047	U	0.0048	U	0.0046	U
cis-1,2-Dichloroethene	0.19	41	0.19	0.00093	U	0.0011	U	0.0012	U	0.0011	U	0.0012	U	0.0012	U	0.0011	U
cis-1,3-Dichloropropene		-	-	0.00046	U	0.00056	U	0.00062	U	0.00055	U	0.00059	U	0.0006	U	0.00057	U
Dibromochloromethane	-	-	-	0.00093	U	0.0011	U	0.0012	U	0.0011	U	0.0012	U	0.0012	U	0.0011	U
Dibromomethane	-	-	-	0.0018	U	0.0023	U	0.0025	U	0.0022	U	0.0024	U	0.0024	U	0.0023	U
Dichlorodifluoromethane	-	-	-	0.0093	U	0.011	U	0.012	U	0.011	U	0.012	U	0.012	U	0.011	U
Ethyl ether	-	-	-	0.0018	U	0.0023	U	0.0025	U	0.0022	U	0.0024	U	0.0024	U	0.0023	U
Ethylbenzene	1	76	1	0.00093	U	0.0011	U	0.0012	U	0.00021	J	0.0012	U	0.0012	U	0.0011	U
Hexachlorobutadiene	-	-	-	0.0037	U	0.0045	U	0.005	U	0.0044	U	0.0047	U	0.0048	U	0.0046	U
Isopropylbenzene	-	-	-	0.00093	U	0.0011	U	0.0012	U	0.0011	U	0.53	E	0.00042	J	0.0011	U
Methyl tert butyl ether	0.1	100	0.1	0.0018	U	0.0023	U	0.0025	U	0.0022	U	0.0024	U	0.0024	U	0.0023	U
Methylene chloride	0.05	81	0.05	0.0046	U	0.0056	U	0.0062	U	0.0055	U	0.0059	U	0.006	U	0.0057	U
n-Butylbenzene	18	100	18	0.00093	U	0.0011	U	0.0012	U	0.0011	U	0.56	E	0.0037		0.0011	U
n-Propylbenzene	5	100	5	0.00093	U	0.0011	U	0.0012	U	0.00024	J	2.6	E	0.0027		0.0011	U
Naphthalene	12	100	12	0.0037	U	0.0045	U	0.005	U	0.0044	U	0.0047	U	0.0048	U	0.0046	U
o-Chlorotoluene		-	-	0.0018	U	0.0023	U	0.0025	U	0.0022	U	0.0024	U	0.0024	U	0.0023	U
o-Xylene		-	-	0.00093	U	0.0011	U	0.0012	U	0.0011	U	0.0014		0.0012	U	0.0011	U
p-Chlorotoluene		-	-	0.0018	U	0.0023	U	0.0025	U	0.0022	U	0.0024	U	0.0024	U	0.0023	U
p-Diethylbenzene		-	-	0.0018	U	0.0023	U	0.0025	U	0.0022	U	0.57	E	0.0042		0.0023	U
p-Ethyltoluene		-	-	0.0018	U	0.0023	U	0.0025	U	0.0022	U	2.4	E	0.0027		0.0023	U
p-Isopropyltoluene		-	-	0.00093	U	0.0011	U	0.0012	U	0.0011	U	0.19		0.00062	J	0.0011	U
p/m-Xylene		-	-	0.0018	U	0.0023	U	0.0025	U	0.0022	U	0.0024	U	0.0024	U	0.0023	U
sec-Butylbenzene	25	100	25	0.00093	U	0.0011	U	0.0012	U	0.0011	U	0.57	E	0.0014		0.0011	U
Styrene		-	-	0.00093	U	0.0011	U	0.0012	U	0.0011	U	0.0012	U	0.0012	U	0.0011	U
tert-Butylbenzene	11	100	11	0.0018	U	0.0023	U	0.0025	U	0.0022	U	0.0024	U	0.0024	U	0.0023	U
Tetrachloroethene	1.3	18	1.3	0.00048		0.00056	U	0.00062	U	0.00055	U	0.00058	J	0.01		0.0015	
Toluene	0.7	100	0.7	0.00093	U	0.0011	U	0.0012	U	0.0011	U	0.0012	U	0.0012	U	0.0011	U
trans-1,2-Dichloroethene	0.19	100	0.19	0.0014	U	0.0017	U	0.0019	U	0.0016	U	0.0018	U	0.0018	U	0.0017	U
trans-1,3-Dichloropropene	-	-	-	0.00093	U	0.0011	U	0.0012	U	0.0011	U	0.0012	U	0.0012	U	0.0011	U
trans-1,4-Dichloro-2-butene	-	-	-	0.0046	U	0.0056	U	0.0062	U	0.0055	U	0.0059	U	0.006	U	0.0057	U
Trichloroethene	0.47	6.4	0.47	0.00046	U	0.00056	U	0.00062	U	0.00055	U	0.00059	U	0.0006	U	0.00057	U
Trichlorofluoromethane	-	-	-	0.0037	U	0.0045	U	0.005	U	0.0044	U	0.0047	U	0.0048	U	0.0046	U
Vinyl acetate	-	-	-	0.0093	U	0.011	U	0.012	U	0.011	U	0.012	U	0.012	U	0.011	U
Vinyl chloride	0.03	0.48	0.03	0.00093	U	0.0011	U	0.0012	U	0.0011	U	0.0012	U	0.0012	U	0.0011	U
Xylenes, Total	0.26	100	1.2	0.00093	U	0.0011	U	0.0012	U	0.0011	U	0.0014		0.0012	U	0.0011	U

TABLE NOTES:

Analyte exceeds the New York State Department of Environmental Conservation (NYSDEC) Part 375 Unrestricted Use Soil Cleanup Objectives (SCOs),revised December 2025

Analyte exceeds the NYSDEC Part 375 Unrestricted Use and Restricted Residential Use SCOs, rev. Dec 2025

Analyte exceeds the NYSDEC Part 375 Unrestricted Use, Restricted Residential Use, and Protection of Groundwater SCOs, rev. Dec 2025

Analyte exceeds the NYSDEC Part 375 Unrestricted Use and Protection of Groundwater SCOs, rev. Dec. 2025

U : Not detected at the reported detection limit for the sample.

J: Analyte detected at or above the method detection limit but below the reporting limit.

E: Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

mg/kg: Milligrams per Kilogram.

- : No Standards or Guidance Value.

Table 3 - Volatile Organic Compounds in Soil
Phase II Environmental Site Investigation

Ocean Bay Redevelopment
53-05 Beach Channel Drive and 360 Beach 54 Street
Edgemere, New York 11691

LOCATION	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives	NYSDEC Part 375 Protection of Groundwater Soil Cleanup Objectives	GZ-12 (0-2FT)		GZ-12 (2.5-4.5FT)		GZ-13 (0-2FT)		GZ-13 (2.5-4.5FT)		GZ-14 (0-2FT)		GZ-14 (2.5-4.5FT)	
LAB SAMPLE ID				L2563358-05		L2563358-06		L2563358-07		L2563358-08		L2563358-09		L2563358-10	
SAMPLING DATE				10/7/2025		10/7/2025		10/7/2025		10/7/2025		10/7/2025		10/7/2025	
SAMPLE TYPE				Soil		Soil		Soil		Soil		Soil		Soil	
				Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatile Organics by EPA 8260 (mg/kg)															
1,1,1,2-Tetrachloroethane	-	-	-	0.00057	U	0.00059	U	0.0006	U	0.00056	U	0.00064	U	0.00054	U
1,1,1-Trichloroethane	0.68	100	0.68	0.00057	U	0.00059	U	0.0006	U	0.00056	U	0.00064	U	0.00054	U
1,1,2,2-Tetrachloroethane	-	-	-	0.00057	U	0.00059	U	0.0006	U	0.00056	U	0.00064	U	0.00054	U
1,1,2-Trichloroethane	-	-	-	0.0011	U	0.0012	U	0.0012	U	0.0011	U	0.0013	U	0.0011	U
1,1-Dichloroethane	0.27	47	0.27	0.0011	U	0.0012	U	0.0012	U	0.0011	U	0.0013	U	0.0011	U
1,1-Dichloroethene	0.24	0.98	0.33	0.0011	U	0.0012	U	0.0012	U	0.0011	U	0.0013	U	0.0011	U
1,1-Dichloropropene	-	-	-	0.00057	U	0.00059	U	0.0006	U	0.00056	U	0.00064	U	0.00054	U
1,2,3-Trichlorobenzene	-	-	-	0.0023	U	0.0023	U	0.0024	U	0.0022	U	0.0026	U	0.0022	U
1,2,3-Trichloropropane	-	-	-	0.0023	U	0.0023	U	0.0024	U	0.0022	U	0.0026	U	0.0022	U
1,2,4,5-Tetramethylbenzene	-	-	-	0.0023	U	0.0023	U	0.0024	U	0.0022	U	0.0026	U	0.0022	U
1,2,4-Trichlorobenzene	-	-	-	0.0023	U	0.0023	U	0.0024	U	0.0022	U	0.0026	U	0.0022	U
1,2,4-Trimethylbenzene	5.9	100	5.9	0.0023	U	0.0023	U	0.0024	U	0.0022	U	0.0026	U	0.0022	U
1,2-Dibromo-3-chloropropane	-	-	-	0.0034	U	0.0035	U	0.0036	U	0.0033	U	0.0038	U	0.0033	U
1,2-Dibromoethane	-	-	-	0.0011	U	0.0012	U	0.0012	U	0.0011	U	0.0013	U	0.0011	U
1,2-Dichlorobenzene	1.1	100	1.1	0.0023	U	0.0023	U	0.0024	U	0.0022	U	0.0026	U	0.0022	U
1,2-Dichloroethane	0.02	5.8	0.02	0.0011	U	0.0012	U	0.0012	U	0.0011	U	0.0013	U	0.0011	U
1,2-Dichloroethene, Total	-	-	-	0.0011	U	0.0012	U	0.0012	U	0.0011	U	0.0013	U	0.0011	U
1,2-Dichloropropane	-	-	-	0.0011	U	0.0012	U	0.0012	U	0.0011	U	0.0013	U	0.0011	U
1,3,5-Trimethylbenzene	3.1	100	3.1	0.0023	U	0.0023	U	0.0024	U	0.0022	U	0.0026	U	0.0022	U
1,3-Dichlorobenzene	2.6	38	2.6	0.0023	U	0.0023	U	0.0024	U	0.0022	U	0.0026	U	0.0022	U
1,3-Dichloropropane	-	-	-	0.0023	U	0.0023	U	0.0024	U	0.0022	U	0.0026	U	0.0022	U
1,3-Dichloropropene, Total	-	-	-	0.00057	U	0.00059	U	0.0006	U	0.00056	U	0.00064	U	0.00054	U
1,4-Dichlorobenzene	1.8	24	1.8	0.0023	U	0.0023	U	0.0024	U	0.0022	U	0.0026	U	0.0022	U
1,4-Dioxane	0.1	5.7	0.1	0.091	U	0.094	U	0.096	U	0.089	U	0.1	U	0.087	U
2,2-Dichloropropane		-	-	0.0023	U	0.0023	U	0.0024	U	0.0022	U	0.0026	U	0.0022	U
2-Butanone	0.1	100	0.1	0.011	U	0.012	U	0.012	U	0.011	U	0.013	U	0.011	U
2-Hexanone	-	-	-	0.011	U	0.012	U	0.012	U	0.011	U	0.013	U	0.011	U
4-Methyl-2-pentanone	-	-	-	0.011	U	0.012	U	0.012	U	0.011	U	0.013	U	0.011	U
Acetone	0.03	100	0.03	0.011	U	0.012	U	0.012	U	0.011	U	0.013	U	0.011	U
Acrylonitrile		-		0.0046	U	0.0047	U	0.0048	U	0.0044	U	0.0051	U	0.0044	U
Benzene	0.06	3.7	0.06	0.00057	U	0.00059	U	0.0006	U	0.00056	U	0.00064	U	0.00054	U
Bromobenzene		-	-	0.0023	U	0.0023	U	0.0024	U	0.0022	U	0.0026	U	0.0022	U
Bromochloromethane		-	-	0.0023	U	0.0023	U	0.0024	U	0.0022	U	0.0026	U	0.0022	U
Bromodichloromethane		-	-	0.00057	U	0.00059	U	0.0006	U	0.00056	U	0.00064	U	0.00054	U
Bromoform		-	-	0.0046	U	0.0047	U	0.0048	U	0.0044	U	0.0051	U	0.0044	U
Bromomethane		-	-	0.0023	U	0.0023	U	0.0024	U	0.0022	U	0.0026	U	0.0022	U
Carbon disulfide		-	-	0.011	U	0.012	U	0.012	U	0.011	U	0.013	U	0.011	U
Carbon tetrachloride	0.76	7.1	0.76	0.0011	U	0.0012	U	0.0012	U	0.0011	U	0.0013	U	0.0011	U
Chlorobenzene	4.5	100	4.5	0.00057	U	0.00059	U	0.0006	U	0.00056	U	0.00064	U	0.00054	U
Chloroethane		-	-	0.0023	U	0.0023	U	0.0024	U	0.0022	U	0.0026	U	0.0022	U
Chloroform	0.37	24	0.37	0.0017	U	0.00019	J	0.0018	U	0.0017	U	0.0019	U	0.0016	U
Chloromethane		-	-	0.0046	U	0.0047	U	0.0048	U	0.0044	U	0.0051	U	0.0044	U
cis-1,2-Dichloroethene	0.19	41	0.19	0.0011	U	0.0012	U	0.0012	U	0.0011	U	0.0013	U	0.0011	U
cis-1,3-Dichloropropene		-	-	0.00057	U	0.00059	U	0.0006	U	0.00056	U	0.00064	U	0.00054	U
Dibromochloromethane	-	-	-	0.0011	U	0.0012	U	0.0012	U	0.0011	U	0.0013	U	0.0011	U
Dibromomethane	-	-	-	0.0023	U	0.0023	U	0.0024	U	0.0022	U	0.0026	U	0.0022	U
Dichlorodifluoromethane	-	-	-	0.011	U	0.012	U	0.012	U	0.011	U	0.013	U	0.011	U
Ethyl ether	-	-	-	0.0023	U	0.0023	U	0.0024	U	0.0022	U	0.0026	U	0.0022	U
Ethylbenzene	1	76	1	0.0011	U	0.0012	U	0.0012	U	0.0011	U	0.0013	U	0.0011	U
Hexachlorobutadiene	-	-	-	0.0046	U	0.0047	U	0.0048	U	0.0044	U	0.0051	U	0.0044	U
Isopropylbenzene	-	-	-	0.0011	U	0.0012	U	0.0012	U	0.0011	U	0.0013	U	0.0011	U
Methyl tert butyl ether	0.1	100	0.1	0.0023	U	0.0023	U	0.0024	U	0.0022	U	0.0026	U	0.0022	U
Methylene chloride	0.05	81	0.05	0.0057	U	0.0059	U	0.006	U	0.0056	U	0.0064	U	0.0054	U
n-Butylbenzene	18	100	18	0.0011	U	0.0012	U	0.0012	U	0.0011	U	0.0013	U	0.0011	U
n-Propylbenzene	5	100	5	0.0011	U	0.0012	U	0.0012	U	0.0011	U	0.0013	U	0.0011	U
Naphthalene	12	100	12	0.0046	U	0.0047	U	0.0048	U	0.0044	U	0.0051	U	0.0044	U
o-Chlorotoluene		-	-	0.0023	U	0.0023	U	0.0024	U	0.0022	U	0.0026	U	0.0022	U
o-Xylene		-	-	0.0011	U	0.0012	U	0.0012	U	0.0011	U	0.0013	U	0.0011	U
p-Chlorotoluene		-	-	0.0023	U	0.0023	U	0.0024	U	0.0022	U	0.0026	U	0.0022	U
p-Diethylbenzene		-	-	0.0023	U	0.0023	U	0.0024	U	0.0022	U	0.0026	U	0.0022	U
p-Ethyltoluene		-	-	0.0023	U	0.0023	U	0.0024	U	0.0022	U	0.0026	U	0.0022	U
p-Isopropyltoluene		-	-	0.0011	U	0.0012	U	0.0012	U	0.0011	U	0.0013	U	0.0011	U
p/m-Xylene		-	-	0.0023	U	0.0023	U	0.0024	U	0.0022	U	0.0026	U	0.0022	U
sec-Butylbenzene	25	100	25	0.0011	U	0.0012	U	0.0012	U	0.0011	U	0.0013	U	0.0011	U
Styrene		-	-	0.0011	U	0.0012	U	0.0012	U	0.0011	U	0.0013	U	0.0011	U
tert-Butylbenzene	11	100	11	0.0023	U	0.0023	U	0.0024	U	0.0022	U	0.0026	U	0.0022	U
Tetrachloroethene	1.3	18	1.3	0.00057		0.0011		0.0006	U	0.00056	U	0.00064	U	0.00054	U
Toluene	0.7	100	0.7	0.0011	U	0.0012	U	0.0012	U	0.0011	U	0.0013	U	0.0011	U
trans-1,2-Dichloroethene	0.19	100	0.19	0.0017	U	0.0018	U	0.0018	U	0.0017	U	0.0019	U	0.0016	U
trans-1,3-Dichloropropene	-	-	-	0.0011	U	0.0012	U	0.0012	U	0.0011	U	0.0013	U	0.0011	U
trans-1,4-Dichloro-2-butene	-	-	-	0.0057	U	0.0059	U	0.006	U	0.0056	U	0.0064	U	0.0054	U
Trichloroethene	0.47	6.4	0.47	0.00057	U	0.00059	U	0.0006	U	0.00056	U	0.00064	U	0.00054	U
Trichlorofluoromethane	-	-	-	0.0046	U	0.0047	U	0.0048	U	0.0044	U	0.0051	U	0.0044	U
Vinyl acetate	-	-	-	0.011	U	0.012	U	0.012	U	0.011	U	0.013	U	0.011	U
Vinyl chloride	0.03	0.48	0.03	0.0011	U	0.0012	U	0.0012	U	0.0011	U	0.0013	U	0.0011	U
Xylenes, Total	0.26	100	1.2	0.0011	U	0.0012	U	0.0012	U	0.0011	U	0.0013	U	0.0011	U

TABLE NOTES:

Analyte exceeds the New York State Department of Environmental Conservation (NYSDEC) Part 375 Unrestricted Use Soil Cleanup Objectives (SCOs),revised December 2025

Analyte exceeds the NYSDEC Part 375 Unrestricted Use and Restricted Residential Use SCOs, rev. Dec 2025

Analyte exceeds the NYSDEC Part 375 Unrestricted Use, Restricted Residential Use, and Protection of Groundwater SCOs, rev. Dec 2025

Analyte exceeds the NYSDEC Part 375 Unrestricted Use and Protection of Groundwater SCOs, rev. Dec. 2025

U : Not detected at the reported detection limit for the sample.

J: Analyte detected at or above the method detection limit but below the reporting limit.

E: Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

mg/kg: Milligrams per Kilogram.

- : No Standards or Guidance Value.

Table 3 - Volatile Organic Compounds in Soil
Phase II Environmental Site Investigation

Ocean Bay Redevelopment
53-05 Beach Channel Drive and 360 Beach 54 Street
Edgemere, New York 11691

LOCATION	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives	NYSDEC Part 375 Protection of Groundwater Soil Cleanup Objectives	GZ-15 (0-2FT)		GZ-15 (3-5FT)		Duplicate -2025-10-06		Duplicate-2025-10-08	
LAB SAMPLE ID				L2562994-10		L2562994-11		L2562994-12		L2563358-23	
SAMPLING DATE				10/6/2025		10/6/2025		10/6/2025		10/8/2025	
SAMPLE TYPE				Soil		Soil		Soil		Soil	
				Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatile Organics by EPA 8260 (mg/kg)											
1,1,1,2-Tetrachloroethane	-	-	-	0.0006	U	0.00028	U	0.00049	U	0.00056	U
1,1,1-Trichloroethane	0.68	100	0.68	0.0006	U	0.00028	U	0.00049	U	0.00056	U
1,1,2,2-Tetrachloroethane	-	-	-	0.0006	U	0.00028	U	0.00049	U	0.00056	U
1,1,2-Trichloroethane	-	-	-	0.0012	U	0.00056	U	0.00098	U	0.0011	U
1,1-Dichloroethane	0.27	47	0.27	0.0012	U	0.00056	U	0.00098	U	0.0011	U
1,1-Dichloroethene	0.24	0.98	0.33	0.0012	U	0.00056	U	0.00098	U	0.0011	U
1,1-Dichloropropene	-	-	-	0.0006	U	0.00028	U	0.00049	U	0.00056	U
1,2,3-Trichlorobenzene	-	-	-	0.0024	U	0.0011	U	0.002	U	0.0022	U
1,2,3-Trichloropropane	-	-	-	0.0024	U	0.0011	U	0.002	U	0.0022	U
1,2,4,5-Tetramethylbenzene	-	-	-	0.0024	U	0.0011	U	0.002	U	0.0022	U
1,2,4-Trichlorobenzene	-	-	-	0.0024	U	0.0011	U	0.002	U	0.0022	U
1,2,4-Trimethylbenzene	5.9	100	5.9	0.00057	J	0.0011	U	0.002	U	0.0022	U
1,2-Dibromo-3-chloropropane	-	-	-	0.0036	U	0.0017	U	0.003	U	0.0033	U
1,2-Dibromoethane	-	-	-	0.0012	U	0.00056	U	0.00098	U	0.0011	U
1,2-Dichlorobenzene	1.1	100	1.1	0.0024	U	0.0011	U	0.002	U	0.0022	U
1,2-Dichloroethane	0.02	5.8	0.02	0.0012	U	0.00056	U	0.00098	U	0.0011	U
1,2-Dichloroethene, Total	-	-	-	0.0012	U	0.00056	U	0.00098	U	0.0011	U
1,2-Dichloropropane	-	-	-	0.0012	U	0.00056	U	0.00098	U	0.0011	U
1,3,5-Trimethylbenzene	3.1	100	3.1	0.0024	U	0.0011	U	0.002	U	0.0022	U
1,3-Dichlorobenzene	2.6	38	2.6	0.0024	U	0.0011	U	0.002	U	0.0022	U
1,3-Dichloropropane	-	-	-	0.0024	U	0.0011	U	0.002	U	0.0022	U
1,3-Dichloropropene, Total	-	-	-	0.0006	U	0.00028	U	0.00049	U	0.00056	U
1,4-Dichlorobenzene	1.8	24	1.8	0.0024	U	0.0011	U	0.002	U	0.0022	U
1,4-Dioxane	0.1	5.7	0.1	0.096	U	0.045	U	0.079	U	0.089	U
2,2-Dichloropropane		-	-	0.0024	U	0.0011	U	0.002	U	0.0022	U
2-Butanone	0.1	100	0.1	0.012	U	0.0056	U	0.0098	U	0.011	U
2-Hexanone	-	-	-	0.012	U	0.0056	U	0.0098	U	0.011	U
4-Methyl-2-pentanone	-	-	-	0.012	U	0.0056	U	0.0098	U	0.011	U
Acetone	0.03	100	0.03	0.012	U	0.0056	U	0.0098	U	0.011	U
Acrylonitrile		-		0.0048	U	0.0022	U	0.0039	U	0.0045	U
Benzene	0.06	3.7	0.06	0.0006	U	0.00028	U	0.00049	U	0.0004	J
Bromobenzene		-	-	0.0024	U	0.0011	U	0.002	U	0.0022	U
Bromochloromethane		-	-	0.0024	U	0.0011	U	0.002	U	0.0022	U
Bromodichloromethane		-	-	0.0006	U	0.00028	U	0.00049	U	0.00056	U
Bromoform		-	-	0.0048	U	0.0022	U	0.0039	U	0.0045	U
Bromomethane		-	-	0.0024	U	0.0011	U	0.002	U	0.0022	U
Carbon disulfide		-	-	0.012	U	0.0056	U	0.0098	U	0.011	U
Carbon tetrachloride	0.76	7.1	0.76	0.0012	U	0.00056	U	0.00098	U	0.0011	U
Chlorobenzene	4.5	100	4.5	0.0006	U	0.00028	U	0.00049	U	0.00056	U
Chloroethane		-	-	0.0024	U	0.0011	U	0.002	U	0.0022	U
Chloroform	0.37	24	0.37	0.0018	U	0.00084	U	0.0015	U	0.0017	U
Chloromethane		-	-	0.0048	U	0.0022	U	0.0039	U	0.0045	U
cis-1,2-Dichloroethene	0.19	41	0.19	0.0012	U	0.00056	U	0.00098	U	0.0011	U
cis-1,3-Dichloropropene		-	-	0.0006	U	0.00028	U	0.00049	U	0.00056	U
Dibromochloromethane	-	-	-	0.0012	U	0.00056	U	0.00098	U	0.0011	U
Dibromomethane	-	-	-	0.0024	U	0.0011	U	0.002	U	0.0022	U
Dichlorodifluoromethane	-	-	-	0.012	U	0.0056	U	0.0098	U	0.011	U
Ethyl ether	-	-	-	0.0024	U	0.0011	U	0.002	U	0.0022	U
Ethylbenzene	1	76	1	0.0012	U	0.00056	U	0.00098	U	0.0011	U
Hexachlorobutadiene	-	-	-	0.0048	U	0.0022	U	0.0039	U	0.0045	U
Isopropylbenzene	-	-	-	0.0012	U	0.00056	U	0.00098	U	0.0011	U
Methyl tert butyl ether	0.1	100	0.1	0.0024	U	0.0011	U	0.002	U	0.0022	U
Methylene chloride	0.05	81	0.05	0.006	U	0.0028	U	0.0049	U	0.0056	U
n-Butylbenzene	18	100	18	0.0012	U	0.00056	U	0.00098	U	0.0011	U
n-Propylbenzene	5	100	5	0.0012	U	0.00056	U	0.00098	U	0.0011	U
Naphthalene	12	100	12	0.0048	U	0.0022	U	0.0039	U	0.0012	J
o-Chlorotoluene		-	-	0.0024	U	0.0011	U	0.002	U	0.0022	U
o-Xylene		-	-	0.0012	U	0.00056	U	0.00098	U	0.0011	U
p-Chlorotoluene		-	-	0.0024	U	0.0011	U	0.002	U	0.0022	U
p-Diethylbenzene		-	-	0.0024	U	0.0011	U	0.002	U	0.0022	U
p-Ethyltoluene		-	-	0.0024	U	0.0011	U	0.002	U	0.0022	U
p-Isopropyltoluene		-	-	0.0012	U	0.00056	U	0.00098	U	0.0011	U
p/m-Xylene		-	-	0.0024	U	0.0011	U	0.002	U	0.0022	U
sec-Butylbenzene	25	100	25	0.0012	U	0.00056	U	0.00098	U	0.0011	U
Styrene		-	-	0.0012	U	0.00056	U	0.00098	U	0.00028	J
tert-Butylbenzene	11	100	11	0.0024	U	0.0011	U	0.002	U	0.0022	U
Tetrachloroethene	1.3	18	1.3	0.00075		0.00028	U	0.00049	U	0.0039	
Toluene	0.7	100	0.7	0.0012	U	0.00056	U	0.00098	U	0.0011	U
trans-1,2-Dichloroethene	0.19	100	0.19	0.0018	U	0.00084	U	0.0015	U	0.0017	U
trans-1,3-Dichloropropene	-	-	-	0.0012	U	0.00056	U	0.00098	U	0.0011	U
trans-1,4-Dichloro-2-butene	-	-	-	0.006	U	0.0028	U	0.0049	U	0.0056	U
Trichloroethene	0.47	6.4	0.47	0.0006	U	0.00028	U	0.00049	U	0.00021	J
Trichlorofluoromethane	-	-	-	0.0048	U	0.0022	U	0.0039	U	0.0045	U
Vinyl acetate	-	-	-	0.012	U	0.0056	U	0.0098	U	0.011	U
Vinyl chloride	0.03	0.48	0.03	0.0012	U	0.00056	U	0.00098	U	0.0011	U
Xylenes, Total	0.26	100	1.2	0.0012	U	0.00056	U	0.00098	U	0.0011	U

TABLE NOTES:

Analyte exceeds the New York State Department of Environmental Conservation (NYSDEC) Part 375 Unrestricted Use Soil Cleanup Objectives (SCOs),revised December 2025

Analyte exceeds the NYSDEC Part 375 Unrestricted Use and Restricted Residential Use SCOs, rev. Dec 2025

Analyte exceeds the NYSDEC Part 375 Unrestricted Use, Restricted Residential Use, and Protection of Groundwater SCOs, rev. Dec 2025

Analyte exceeds the NYSDEC Part 375 Unrestricted Use and Protection of Groundwater SCOs, rev. Dec. 2025

U : Not detected at the reported detection limit for the sample.

J: Analyte detected at or above the method detection limit but below the reporting limit.

E: Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

mg/kg: Milligrams per Kilogram.

- : No Standards or Guidance Value.

Table 4 - Semivolatile Organic Compounds in Soil
Phase II Environmental Site Investigation

Ocean Bay Redevelopment
53-05 Beach Channel Drive and 360 Beach 54 Street
Edgemere, New York 11691

LOCATION	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives	NYSDEC Part 375 Protection of Groundwater Soil Cleanup Objectives	GZ-01 (0-2FT)		GZ-01 (2.5-4.5FT)		GZ-02 (0-2FT)		GZ-02 (2.5-4.5FT)		GZ-03 (0-2FT)		GZ-03 (2.5-4.5FT)		GZ-04 (0-2FT)		GZ-04 (3-5FT)	
LAB SAMPLE ID				L2563358-13		L2563358-14		L2563358-01		L2563358-02		L2563358-15 R1		L2563358-16		L2563358-17		L2563358-18 R1	
SAMPLING DATE				10/8/2025		10/8/2025		10/7/2025		10/7/2025		10/8/2025		10/8/2025		10/8/2025		10/8/2025	
SAMPLE TYPE				Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
				Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Semi-Volatile Organics by EPA 8270 (mg/kg)																			
1,2,4,5-Tetrachlorobenzene	-	-	-	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U	0.18	U	0.17	U	0.86	U
1,2,4-Trichlorobenzene	-	-	-	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U	0.18	U	0.17	U	0.86	U
1,2-Dichlorobenzene	1.1	100	1.1	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U	0.18	U	0.17	U	0.86	U
1,3-Dichlorobenzene	2.6	38	2.6	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U	0.18	U	0.17	U	0.86	U
1,4-Dichlorobenzene	1.8	24	1.8	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U	0.18	U	0.17	U	0.86	U
1,4-Dioxane	0.1	5.7	0.1	0.026	U	0.026	U	0.027	U	0.026	U	0.026	U	0.027	U	0.026	U	0.13	U
2,4,5-Trichlorophenol	-	-	-	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U	0.18	U	0.17	U	0.86	U
2,4,6-Trichlorophenol	-	-	-	0.1	U	0.1	U	0.11	U	0.1	U	0.1	U	0.11	U	0.1	U	0.52	U
2,4-Dichlorophenol	-	-	-	0.16	U	0.16	U	0.16	U	0.16	U	0.15	U	0.16	U	0.16	U	0.78	U
2,4-Dimethylphenol	-	-	-	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U	0.18	U	0.17	U	0.86	U
2,4-Dinitrophenol	-	-	-	0.84	U	0.84	U	0.87	U	0.83	U	0.82	U	0.85	U	0.83	U	4.1	U
2,4-Dinitrotoluene	-	-	-	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U	0.18	U	0.17	U	0.86	U
2,6-Dinitrotoluene	-	-	-	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U	0.18	U	0.17	U	0.86	U
2-Chloronaphthalene	-	-	-	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U	0.18	U	0.17	U	0.86	U
2-Chlorophenol	-	-	-	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U	0.18	U	0.17	U	0.86	U
2-Methylnaphthalene	-	-	-	0.21	U	0.21	U	0.11	J	0.098	J	2.3		0.5		0.21	U	23	
2-Methylphenol	0.33	100	0.33	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U	0.18	U	0.17	U	0.86	U
2-Nitroaniline	-	-	-	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U	0.18	U	0.17	U	0.86	U
2-Nitrophenol	-	-	-	0.38	U	0.38	U	0.39	U	0.38	U	0.37	U	0.38	U	0.37	U	1.9	U
3,3'-Dichlorobenzidine	-	-	-	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U	0.18	U	0.17	U	0.86	U
3-Methylphenol/4-Methylphenol	0.33	100	0.33	0.25	U	0.25	U	0.26	U	0.25	U	0.072	J	0.26	U	0.25	U	1.2	U
3-Nitroaniline	-	-	-	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U	0.18	U	0.17	U	0.86	U
4,6-Dinitro-o-cresol	-	-	-	0.45	U	0.45	U	0.47	U	0.45	U	0.44	U	0.46	U	0.45	U	2.2	U
4-Bromophenyl phenyl ether	-	-	-	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U	0.18	U	0.17	U	0.86	U
4-Chloroaniline	-	-	-	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U	0.18	U	0.17	U	0.86	U
4-Chlorophenyl phenyl ether	-	-	-	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U	0.18	U	0.17	U	0.86	U
4-Nitroaniline	-	-	-	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U	0.18	U	0.17	U	0.86	U
4-Nitrophenol	-	-	-	0.24	U	0.24	U	0.25	U	0.24	U	0.24	U	0.25	U	0.24	U	1.2	U
Acenaphthene	20	100	98	0.14	U	0.14	U	0.084	J	0.074	J	0.98		0.29		0.14	U	1.8	
Acenaphthylene	100	100	365	0.14	U	0.14	U	0.23		0.23		4.1		0.79		0.077	J	14	
Acetophenone	-	-	-	0.17	U	0.17	U	0.038	J	0.027	J	0.17	U	0.043	J	0.17	U	0.48	J
Anthracene	100	100	1000	0.1	U	0.1	U	0.23		0.21		3.4		0.63		0.1	U	12	
Benzo(a)anthracene	1	1.4	1	0.058	J	0.08	J	0.51		0.38		**9.2**	**E**	**1.3**		0.025	J	**26**	
Benzo(a)pyrene	1	1	22	0.059	J	0.065	J	0.48		0.33		**5.9**		**1.1**		0.14	U	**19**	
Benzo(b)fluoranthene	1	1.4	2.1	0.07	J	0.088	J	0.62		0.44		**9.5**	**E**	**1.4**		0.042	J	**24**	
Benzo(ghi)perylene	0.64	4.9	1000	0.073	J	0.05	J	0.38		0.26		**4.2**		**0.71**		0.058	J	13	
Benzo(k)fluoranthene	0.8	4.9	2	0.03	J	0.031	J	0.22		0.11		**1.8**		0.49		0.1	U	**4.9**	
Benzoic Acid	-	-	-	0.56	U	0.57	U	0.59	U	0.56	U	0.55	U	0.58	U	0.56	U	2.8	U
Benzyl Alcohol	-	-	-	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U	0.18	U	0.17	U	0.86	U
Biphenyl	-	-	-	0.4	U	0.4	U	0.41	U	0.025	J	0.37	J	0.086	J	0.4	U	3	
Bis(2-chloroethoxy)methane	-	-	-	0.19	U	0.19	U	0.2	U	0.19	U	0.18	U	0.19	U	0.19	U	0.93	U
Bis(2-chloroethyl)ether	-	-	-	0.16	U	0.16	U	0.16	U	0.16	U	0.15	U	0.16	U	0.16	U	0.78	U
Bis(2-chloroisopropyl)ether	-	-	-	0.21	U	0.21	U	0.22	U	0.21	U	0.2	U	0.21	U	0.21	U	1	U
Bis(2-ethylhexyl)phthalate	-	-	-	0.17	U	0.17	U	0.16	J	0.3		0.16	J	0.18	U	0.086	J	2	
Butyl benzyl phthalate	-	-	-	0.17	U	0.17	U	0.072	J	0.26		1.2		0.18	U	0.17	U	0.86	U
Carbazole	-	-	-	0.17	U	0.17	U	0.078	J	0.071	J	0.74		0.23		0.17	U	0.46	J
Chrysene	1	4.9	1	0.058	J	0.08	J	0.5		0.38		**8.9**	**E**	**1.2**		0.025	J	**26**	
Di-n-butylphthalate	-	-	-	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U	0.18	U	0.17	U	0.86	U
Di-n-octylphthalate	-	-	-	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U	0.18	U	0.17	U	0.86	U
Dibenzo(a,h)anthracene	0.33	0.33	1000	0.1	U	0.1	U	0.085	J	0.056	J	**1.1**		0.17		0.1	U	**3.1**	
Dibenzofuran	2.1	18	110	0.17	U	0.17	U	0.057	J	0.085	J	0.56		0.15	J	0.17	U	1.5	
Diethyl phthalate	-	-	-	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U	0.18	U	0.17	U	0.86	U
Dimethyl phthalate	-	-	-	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U	0.18	U	0.17	U	0.86	U
Fluoranthene	85	100	1000	0.1		0.15		0.82		0.65		14	E	2.4		0.021	J	31	
Fluorene	30	100	386	0.17	U	0.17	U	0.1	J	0.12	J	2.2		0.49		0.17	U	13	
Hexachlorobenzene	0.33	0.33	3.2	0.1	U	0.1	U	0.11	U	0.1	U	0.1	U	0.11	U	0.1	U	0.52	U
Hexachlorobutadiene	-	-	-	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U	0.18	U	0.17	U	0.86	U
Hexachlorocyclopentadiene	-	-	-	0.5	U	0.5	U	0.52	U	0.5	U	0.49	U	0.51	U	0.5	U	2.5	U
Hexachloroethane	-	-	-	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.69	U
Indeno(1,2,3-cd)pyrene	0.5	1.4	6.6	0.045	J	0.043	J	0.32		0.22		**3.8**		**0.69**		0.034	J	**11**	
Isophorone	-	-	-	0.16	U	0.16	U	0.16	U	0.16	U	0.15	U	0.16	U	0.16	U	0.78	U
n-Nitrosodi-n-propylamine	-	-	-	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U	0.18	U	0.17	U	0.86	U
Naphthalene	12	100	12	0.17	U	0.17	U	0.17	J	0.13	J	2.3		0.44		0.021	J	**18**	
NDPA/DPA	-	-	-	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.69	U
Nitrobenzene	-	-	-	0.16	U	0.16	U	0.16	U	0.16	U	0.15	U	0.16	U	0.16	U	0.78	U
p-Chloro-m-cresol	-	-	-	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U	0.18	U	0.17	U	0.86	U
Pentachlorophenol	0.8	1.3	0.8	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.69	U
Phenanthrene	1.1	4.9	1000	0.074	J	0.16		0.64		0.52		**18**	**E**	**2.8**		0.021	J	**36**	**E**
Phenol	0.33	100	0.33	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U	0.18	U	0.17	U	0.86	U
Pyrene	64	100	1000	0.1		0.16		0.82		0.67		18	E	2.4		0.026	J	31	E

TABLE NOTES:

Analyte exceeds the New York State Department of Environmental Conservation (NYSDEC) Part 375 Unrestricted Use Soil Cleanup Objectives (SCOs), revised December 2025

Analyte exceeds the NYSDEC Part 375 Unrestricted Use and Restricted Residential Use SCOs, rev. Dec. 2025

Analyte exceeds the NYSDEC Part 375 Unrestricted Use, Restricted Residential Use, and Protection of Groundwater SCOs, rev. Dec. 2025

Analyte exceeds the NYSDEC Part 375 Unrestricted Use and Protection of Groundwater SCOs, rev. Dec. 2025

U : Not detected at the reported detection limit for the sample.

J: Analyte detected at or above the method detection limit but below the reporting limit.

E: Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

mg/kg: Milligrams per Kilogram.

- : No Standards or Guidance Value.

Table 4 - Semivolatile Organic Compounds in Soil
Phase II Environmental Site Investigation

Ocean Bay Redevelopment
53-05 Beach Channel Drive and 360 Beach 54 Street
Edgemere, New York 11691

LOCATION	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives	NYSDEC Part 375 Protection of Groundwater Soil Cleanup Objectives	GZ-05 (0-2FT)		GZ-05 (2.5-4.5FT)		GZ-06 (0-2FT)		GZ-06 (2.5-4.5FT)		GZ-07 (0-2FT)		GZ-07 (3-5FT)		GZ-08 (0-2FT)		GZ-08 (2.5-4.5FT)	
LAB SAMPLE ID				L2563358-03		L2563358-04		L2562994-01		L2562994-02		L2562994-03		L2562994-04		L2563358-19		L2563358-20 R1	
SAMPLING DATE				10/7/2025		10/7/2025		10/6/2025		10/6/2025		10/6/2025		10/6/2025		10/8/2025		10/8/2025	
SAMPLE TYPE				Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
				Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Semi-Volatile Organics by EPA 8270 (mg/kg)																			
1,2,4,5-Tetrachlorobenzene	-	-	-	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.19	U	0.17	U	0.17	U
1,2,4-Trichlorobenzene	-	-	-	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.19	U	0.17	U	0.17	U
1,2-Dichlorobenzene	1.1	100	1.1	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.19	U	0.17	U	0.17	U
1,3-Dichlorobenzene	2.6	38	2.6	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.19	U	0.17	U	0.17	U
1,4-Dichlorobenzene	1.8	24	1.8	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.19	U	0.17	U	0.17	U
1,4-Dioxane	0.1	5.7	0.1	0.025	U	0.025	U	0.025	U	0.026	U	0.026	U	0.028	U	0.025	U	0.026	U
2,4,5-Trichlorophenol	-	-	-	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.19	U	0.17	U	0.17	U
2,4,6-Trichlorophenol	-	-	-	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.11	U	0.1	U	0.1	U
2,4-Dichlorophenol	-	-	-	0.15	U	0.15	U	0.15	U	0.16	U	0.16	U	0.17	U	0.15	U	0.16	U
2,4-Dimethylphenol	-	-	-	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.19	U	0.17	U	0.17	U
2,4-Dinitrophenol	-	-	-	0.81	U	0.81	U	0.81	U	0.83	U	0.83	U	0.91	U	0.82	U	0.84	U
2,4-Dinitrotoluene	-	-	-	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.19	U	0.17	U	0.17	U
2,6-Dinitrotoluene	-	-	-	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.19	U	0.17	U	0.17	U
2-Chloronaphthalene	-	-	-	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.19	U	0.17	U	0.17	U
2-Chlorophenol	-	-	-	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.19	U	0.17	U	0.17	U
2-Methylnaphthalene	-	-	-	0.18	J	0.2	U	0.032	J	0.21	U	0.046	J	0.23	U	0.048	J	0.84	
2-Methylphenol	0.33	100	0.33	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.19	U	0.17	U	0.17	U
2-Nitroaniline	-	-	-	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.19	U	0.17	U	0.17	U
2-Nitrophenol	-	-	-	0.36	U	0.36	U	0.36	U	0.37	U	0.37	U	0.41	U	0.37	U	0.38	U
3,3'-Dichlorobenzidine	-	-	-	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.19	U	0.17	U	0.17	U
3-Methylphenol/4-Methylphenol	0.33	100	0.33	0.24	U	0.24	U	0.24	U	0.25	U	0.25	U	0.27	U	0.24	U	0.033	J
3-Nitroaniline	-	-	-	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.19	U	0.17	U	0.17	U
4,6-Dinitro-o-cresol	-	-	-	0.44	U	0.44	U	0.44	U	0.45	U	0.45	U	0.49	U	0.44	U	0.45	U
4-Bromophenyl phenyl ether	-	-	-	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.19	U	0.17	U	0.17	U
4-Chloroaniline	-	-	-	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.19	U	0.17	U	0.17	U
4-Chlorophenyl phenyl ether	-	-	-	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.19	U	0.17	U	0.17	U
4-Nitroaniline	-	-	-	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.19	U	0.17	U	0.17	U
4-Nitrophenol	-	-	-	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.26	U	0.24	U	0.24	U
Acenaphthene	20	100	98	0.027	J	0.14	U	0.14	U	0.14	U	0.096	J	0.15	U	0.14	U	1.5	
Acenaphthylene	100	100	365	0.69		0.077	J	0.13	J	0.14	U	0.35		0.15	U	0.14	U	0.64	
Acetophenone	-	-	-	0.046	J	0.17	U	0.17	U	0.17	U	0.17	U	0.19	U	0.17	U	0.022	J
Anthracene	100	100	1000	0.28		0.1	U	0.053	J	0.1	U	0.18		0.11	U	0.1	U	4.1	
Benzo(a)anthracene	1	1.4	1	0.26		0.033	J	0.15		0.1	U	0.5		0.11	U	0.096	J	**12**	**E**
Benzo(a)pyrene	1	1	22	0.33		0.14	U	0.13	J	0.14	U	0.44		0.15	U	0.094	J	**12**	**E**
Benzo(b)fluoranthene	1	1.4	2.1	0.42		0.039	J	0.16		0.1	U	0.61		0.11	U	0.12		**15**	**E**
Benzo(ghi)perylene	0.64	4.9	1000	0.41		0.033	J	0.11	J	0.14	U	0.36		0.15	U	0.07	J	**4.1**	
Benzo(k)fluoranthene	0.8	4.9	2	0.11		0.1	U	0.039	J	0.1	U	0.2		0.11	U	0.042	J	**2**	
Benzoic Acid	-	-	-	0.55	U	0.55	U	0.55	U	0.56	U	0.56	U	0.61	U	0.55	U	0.56	U
Benzyl Alcohol	-	-	-	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.19	U	0.17	U	0.17	U
Biphenyl	-	-	-	0.027	J	0.39	U	0.39	U	0.4	U	0.39	U	0.43	U	0.39	U	0.25	J
Bis(2-chloroethoxy)methane	-	-	-	0.18	U	0.18	U	0.18	U	0.19	U	0.19	U	0.2	U	0.18	U	0.19	U
Bis(2-chloroethyl)ether	-	-	-	0.15	U	0.15	U	0.15	U	0.16	U	0.16	U	0.17	U	0.15	U	0.16	U
Bis(2-chloroisopropyl)ether	-	-	-	0.2	U	0.2	U	0.2	U	0.21	U	0.21	U	0.23	U	0.2	U	0.21	U
Bis(2-ethylhexyl)phthalate	-	-	-	0.077	J	0.17	U	0.17	U	0.17	U	0.17	U	0.19	U	0.18		0.17	U
Butyl benzyl phthalate	-	-	-	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.19	U	0.09	J	0.17	U
Carbazole	-	-	-	0.02	J	0.17	U	0.17	U	0.17	U	0.062	J	0.19	U	0.17	U	0.78	
Chrysene	1	4.9	1	0.29		0.037	J	0.16		0.1	U	0.46		0.11	U	0.096	J	**6.5**	
Di-n-butylphthalate	-	-	-	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.19	U	0.17	U	0.17	U
Di-n-octylphthalate	-	-	-	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.19	U	0.17	U	0.17	U
Dibenzo(a,h)anthracene	0.33	0.33	1000	0.073	J	0.1	U	0.1	U	0.1	U	0.069	J	0.11	U	0.1	U	**1.1**	
Dibenzofuran	2.1	18	110	0.029	J	0.17	U	0.17	U	0.17	U	0.031	J	0.19	U	0.17	U	1	
Diethyl phthalate	-	-	-	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.19	U	0.17	U	0.17	U
Dimethyl phthalate	-	-	-	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.19	U	0.17	U	0.17	U
Fluoranthene	85	100	1000	0.25		0.026	J	0.18		0.1	U	0.8		0.11	U	0.17		22	E
Fluorene	30	100	386	0.088	J	0.17	U	0.021	J	0.17	U	0.071	J	0.19	U	0.17	U	2.4	
Hexachlorobenzene	0.33	0.33	3.2	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.11	U	0.1	U	0.1	U
Hexachlorobutadiene	-	-	-	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.19	U	0.17	U	0.17	U
Hexachlorocyclopentadiene	-	-	-	0.48	U	0.48	U	0.48	U	0.5	U	0.5	U	0.54	U	0.49	U	0.5	U
Hexachloroethane	-	-	-	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.15	U	0.14	U	0.14	U
Indeno(1,2,3-cd)pyrene	0.5	1.4	6.6	0.29		0.024	J	0.091	J	0.14	U	0.33		0.15	U	0.066	J	**4.6**	
Isophorone	-	-	-	0.15	U	0.15	U	0.15	U	0.16	U	0.16	U	0.17	U	0.15	U	0.16	U
n-Nitrosodi-n-propylamine	-	-	-	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.19	U	0.17	U	0.17	U
Naphthalene	12	100	12	0.21		0.17	U	0.045	J	0.17	U	0.055	J	0.19	U	0.039	J	1	
NDPA/DPA	-	-	-	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.15	U	0.14	U	0.14	U
Nitrobenzene	-	-	-	0.15	U	0.15	U	0.15	U	0.16	U	0.16	U	0.17	U	0.15	U	0.16	U
p-Chloro-m-cresol	-	-	-	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.19	U	0.17	U	0.17	U
Pentachlorophenol	0.8	1.3	0.8	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.15	U	0.14	U	0.14	U
Phenanthrene	1.1	4.9	1000	0.15		0.1	U	0.1		0.1	U	0.52		0.11	U	0.11		**21**	**E**
Phenol	0.33	100	0.33	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.19	U	0.17	U	0.17	U
Pyrene	64	100	1000	0.43		0.056	J	0.29		0.1	U	0.75		0.11	U	0.14		17	E

TABLE NOTES:

Analyte exceeds the New York State Department of Environmental Conservation (NYSDEC) Part 375 Unrestricted Use Soil Cleanup Objectives (SCOs), revised December 2025

Analyte exceeds the NYSDEC Part 375 Unrestricted Use and Restricted Residential Use SCOs, rev. Dec. 2025

Analyte exceeds the NYSDEC Part 375 Unrestricted Use, Restricted Residential Use, and Protection of Groundwater SCOs, rev. Dec. 2025

Analyte exceeds the NYSDEC Part 375 Unrestricted Use and Protection of Groundwater SCOs, rev. Dec. 2025

U : Not detected at the reported detection limit for the sample.

J: Analyte detected at or above the method detection limit but below the reporting limit.

E: Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

mg/kg: Milligrams per Kilogram.

- : No Standards or Guidance Value.

Table 4 - Semivolatile Organic Compounds in Soil
Phase II Environmental Site Investigation

Ocean Bay Redevelopment
53-05 Beach Channel Drive and 360 Beach 54 Street
Edgemere, New York 11691

LOCATION	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives	NYSDEC Part 375 Protection of Groundwater Soil Cleanup Objectives	GZ-09 (0-2FT)		GZ-09 (2.5-4.5FT)		GZ-10 (0-2FT)		GZ-10 (2.5-4.5FT)		GZ-10 (6-8FT)		GZ-11 (0-2FT)		GZ-11 (2.5-4.5FT)	
LAB SAMPLE ID				L2563358-21		L2563358-22		L2562994-05		L2562994-06		L2562994-07		L2562994-08		L2562994-09	
SAMPLING DATE				10/8/2025		10/8/2025		10/6/2025		10/6/2025		10/6/2025		10/6/2025		10/6/2025	
SAMPLE TYPE				Soil		Soil		Soil		Soil		Soil		Soil		Soil	
				Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Semi-Volatile Organics by EPA 8270 (mg/kg)																	
1,2,4,5-Tetrachlorobenzene	-	-	-	0.17	U	0.18	U	0.19	U	0.18	U	4.1	U	0.9	U	0.17	U
1,2,4-Trichlorobenzene	-	-	-	0.17	U	0.18	U	0.19	U	0.18	U	4.1	U	0.9	U	0.17	U
1,2-Dichlorobenzene	1.1	100	1.1	0.17	U	0.18	U	0.19	U	0.18	U	4.1	U	0.9	U	0.17	U
1,3-Dichlorobenzene	2.6	38	2.6	0.17	U	0.18	U	0.19	U	0.18	U	4.1	U	0.9	U	0.17	U
1,4-Dichlorobenzene	1.8	24	1.8	0.17	U	0.18	U	0.19	U	0.18	U	4.1	U	0.9	U	0.17	U
1,4-Dioxane	0.1	5.7	0.1	0.026	U	0.026	U	0.028	U	0.027	U	0.61	U	0.14	U	0.026	U
2,4,5-Trichlorophenol	-	-	-	0.17	U	0.18	U	0.19	U	0.18	U	4.1	U	0.9	U	0.17	U
2,4,6-Trichlorophenol	-	-	-	0.1	U	0.1	U	0.11	U	0.11	U	2.4	U	0.54	U	0.1	U
2,4-Dichlorophenol	-	-	-	0.16	U	0.16	U	0.17	U	0.16	U	3.7	U	0.81	U	0.16	U
2,4-Dimethylphenol	-	-	-	0.17	U	0.18	U	0.19	U	0.18	U	4.1	U	0.9	U	0.17	U
2,4-Dinitrophenol	-	-	-	0.83	U	0.85	U	0.9	U	0.86	U	20	U	4.3	U	0.83	U
2,4-Dinitrotoluene	-	-	-	0.17	U	0.18	U	0.19	U	0.18	U	4.1	U	0.9	U	0.17	U
2,6-Dinitrotoluene	-	-	-	0.17	U	0.18	U	0.19	U	0.18	U	4.1	U	0.9	U	0.17	U
2-Chloronaphthalene	-	-	-	0.17	U	0.18	U	0.19	U	0.18	U	4.1	U	0.9	U	0.17	U
2-Chlorophenol	-	-	-	0.17	U	0.18	U	0.19	U	0.18	U	4.1	U	0.9	U	0.17	U
2-Methylnaphthalene	-	-	-	0.041	J	0.21	U	0.22	U	0.22	U	4.9	U	1.1	U	0.21	U
2-Methylphenol	0.33	100	0.33	0.17	U	0.18	U	0.19	U	0.18	U	4.1	U	0.9	U	0.17	U
2-Nitroaniline	-	-	-	0.17	U	0.18	U	0.19	U	0.18	U	4.1	U	0.9	U	0.17	U
2-Nitrophenol	-	-	-	0.37	U	0.38	U	0.4	U	0.39	U	8.8	U	2	U	0.38	U
3,3'-Dichlorobenzidine	-	-	-	0.17	U	0.18	U	0.19	U	0.18	U	4.1	U	0.9	U	0.17	U
3-Methylphenol/4-Methylphenol	0.33	100	0.33	0.25	U	0.25	U	0.27	U	0.26	U	5.9	U	1.3	U	0.25	U
3-Nitroaniline	-	-	-	0.17	U	0.18	U	0.19	U	0.18	U	4.1	U	0.9	U	0.17	U
4,6-Dinitro-o-cresol	-	-	-	0.45	U	0.46	U	0.49	U	0.47	U	10	U	2.4	U	0.45	U
4-Bromophenyl phenyl ether	-	-	-	0.17	U	0.18	U	0.19	U	0.18	U	4.1	U	0.9	U	0.17	U
4-Chloroaniline	-	-	-	0.17	U	0.18	U	0.19	U	0.18	U	4.1	U	0.9	U	0.17	U
4-Chlorophenyl phenyl ether	-	-	-	0.17	U	0.18	U	0.19	U	0.18	U	4.1	U	0.9	U	0.17	U
4-Nitroaniline	-	-	-	0.17	U	0.18	U	0.19	U	0.18	U	4.1	U	0.9	U	0.17	U
4-Nitrophenol	-	-	-	0.24	U	0.25	U	0.26	U	0.25	U	5.7	U	1.3	U	0.24	U
Acenaphthene	20	100	98	0.24		0.14	U	0.15	U	0.018	J	3.2	U	0.72	U	0.14	U
Acenaphthylene	100	100	365	0.2		0.078	J	0.15	U	0.14	U	3.2	U	0.72	U	0.027	J
Acetophenone	-	-	-	0.17	U	0.18	U	0.19	U	0.18	U	4.1	U	0.9	U	0.17	U
Anthracene	100	100	1000	0.32		0.1	U	0.11	U	0.046	J	2.4	U	0.54	U	0.1	U
Benzo(a)anthracene	1	1.4	1	0.98		0.097	J	0.026	J	0.12		2.4	U	0.54	U	0.1	U
Benzo(a)pyrene	1	1	22	0.93		0.062	J	0.15	U	0.094	J	3.2	U	0.72	U	0.14	U
Benzo(b)fluoranthene	1	1.4	2.1	**1.1**		0.14		0.11	U	0.14		2.4	U	0.54	U	0.1	U
Benzo(ghi)perylene	0.64	4.9	1000	0.51		0.085	J	0.15	U	0.07	J	3.2	U	0.72	U	0.14	U
Benzo(k)fluoranthene	0.8	4.9	2	0.4		0.036	J	0.11	U	0.042	J	2.4	U	0.54	U	0.1	U
Benzoic Acid	-	-	-	0.56	U	0.57	U	0.61	U	0.58	U	13	U	2.9	U	0.56	U
Benzyl Alcohol	-	-	-	0.17	U	0.18	U	0.19	U	0.18	U	4.1	U	0.9	U	0.17	U
Biphenyl	-	-	-	0.39	U	0.4	U	0.43	U	0.41	U	0.63	J	2.1	U	0.4	U
Bis(2-chloroethoxy)methane	-	-	-	0.19	U	0.19	U	0.2	U	0.19	U	4.4	U	0.98	U	0.19	U
Bis(2-chloroethyl)ether	-	-	-	0.16	U	0.16	U	0.17	U	0.16	U	3.7	U	0.81	U	0.16	U
Bis(2-chloroisopropyl)ether	-	-	-	0.21	U	0.21	U	0.22	U	0.22	U	4.9	U	1.1	U	0.21	U
Bis(2-ethylhexyl)phthalate	-	-	-	0.17	U	0.18	U	0.19	U	0.18	U	4.1	U	0.9	U	0.17	U
Butyl benzyl phthalate	-	-	-	0.17	U	0.18	U	0.19	U	0.18	U	4.1	U	0.9	U	0.17	U
Carbazole	-	-	-	0.12	J	0.18	U	0.19	U	0.018	J	4.1	U	0.9	U	0.17	U
Chrysene	1	4.9	1	0.94		0.12		0.022	J	0.11		2.4	U	0.54	U	0.1	U
Di-n-butylphthalate	-	-	-	0.17	U	0.18	U	0.19	U	0.18	U	4.1	U	0.9	U	0.17	U
Di-n-octylphthalate	-	-	-	0.17	U	0.18	U	0.19	U	0.18	U	4.1	U	0.9	U	0.17	U
Dibenzo(a,h)anthracene	0.33	0.33	1000	0.13		0.1	U	0.11	U	0.11	U	2.4	U	0.54	U	0.1	U
Dibenzofuran	2.1	18	110	0.055	J	0.18	U	0.19	U	0.18	U	4.1	U	0.9	U	0.17	U
Diethyl phthalate	-	-	-	0.17	U	0.18	U	0.19	U	0.18	U	4.1	U	0.9	U	0.17	U
Dimethyl phthalate	-	-	-	0.17	U	0.18	U	0.19	U	0.18	U	4.1	U	0.9	U	0.17	U
Fluoranthene	85	100	1000	1.8		0.12		0.047	J	0.19		2.4	U	0.54	U	0.1	U
Fluorene	30	100	386	0.13	J	0.18	U	0.19	U	0.022	J	0.45	J	0.9	U	0.17	U
Hexachlorobenzene	0.33	0.33	3.2	0.1	U	0.1	U	0.11	U	0.11	U	2.4	U	0.54	U	0.1	U
Hexachlorobutadiene	-	-	-	0.17	U	0.18	U	0.19	U	0.18	U	4.1	U	0.9	U	0.17	U
Hexachlorocyclopentadiene	-	-	-	0.49	U	0.5	U	0.54	U	0.51	U	12	U	2.6	U	0.5	U
Hexachloroethane	-	-	-	0.14	U	0.14	U	0.15	U	0.14	U	3.2	U	0.72	U	0.14	U
Indeno(1,2,3-cd)pyrene	0.5	1.4	6.6	**0.53**		0.07	J	0.15	U	0.064	J	3.2	U	0.72	U	0.14	U
Isophorone	-	-	-	0.16	U	0.16	U	0.17	U	0.16	U	3.7	U	0.81	U	0.16	U
n-Nitrosodi-n-propylamine	-	-	-	0.17	U	0.18	U	0.19	U	0.18	U	4.1	U	0.9	U	0.17	U
Naphthalene	12	100	12	0.058	J	0.18	U	0.19	U	0.18	U	0.91	J	0.9	U	0.17	U
NDPA/DPA	-	-	-	0.14	U	0.14	U	0.15	U	0.14	U	3.2	U	0.72	U	0.14	U
Nitrobenzene	-	-	-	0.16	U	0.16	U	0.17	U	0.16	U	3.7	U	0.81	U	0.16	U
p-Chloro-m-cresol	-	-	-	0.17	U	0.18	U	0.19	U	0.18	U	4.1	U	0.9	U	0.17	U
Pentachlorophenol	0.8	1.3	0.8	0.14	U	0.14	U	0.15	U	0.14	U	3.2	U	0.72	U	0.14	U
Phenanthrene	1.1	4.9	1000	**1.2**		0.033	J	0.044	J	0.16		0.62	J	0.54	U	0.1	U
Phenol	0.33	100	0.33	0.17	U	0.18	U	0.19	U	0.18	U	4.1	U	0.9	U	0.17	U
Pyrene	64	100	1000	1.6		0.19		0.041	J	0.18		2.4	U	0.54	U	0.1	U

TABLE NOTES:

Analyte exceeds the New York State Department of Environmental Conservation (NYSDEC) Part 375 Unrestricted Use Soil Cleanup Objectives (SCOs), revised December 2025

Analyte exceeds the NYSDEC Part 375 Unrestricted Use and Restricted Residential Use SCOs, rev. Dec. 2025

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Analyte exceeds the NYSDEC Part 375 Unrestricted Use and Protection of Groundwater SCOs, rev. Dec. 2025

U : Not detected at the reported detection limit for the sample.

J: Analyte detected at or above the method detection limit but below the reporting limit.

E: Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

mg/kg: Milligrams per Kilogram.

- : No Standards or Guidance Value.

Table 4 - Semivolatile Organic Compounds in Soil
Phase II Environmental Site Investigation

Ocean Bay Redevelopment
53-05 Beach Channel Drive and 360 Beach 54 Street
Edgemere, New York 11691

LOCATION	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives	NYSDEC Part 375 Protection of Groundwater Soil Cleanup Objectives	GZ-12 (0-2FT)		GZ-12 (2.5-4.5FT)		GZ-13 (0-2FT)		GZ-13 (2.5-4.5FT)		GZ-14 (0-2FT)		GZ-14 (2.5-4.5FT)		GZ-15 (0-2FT)		GZ-15 (3-5FT)	
LAB SAMPLE ID				L2563358-05		L2563358-06		L2563358-07		L2563358-08		L2563358-09		L2563358-10		L2562994-10		L2562994-11	
SAMPLING DATE				10/7/2025		10/7/2025		10/7/2025		10/7/2025		10/7/2025		10/7/2025		10/6/2025		10/6/2025	
SAMPLE TYPE				Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
				Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Semi-Volatile Organics by EPA 8270 (mg/kg)																			
1,2,4,5-Tetrachlorobenzene	-	-	-	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U
1,2,4-Trichlorobenzene	-	-	-	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U
1,2-Dichlorobenzene	1.1	100	1.1	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U
1,3-Dichlorobenzene	2.6	38	2.6	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U
1,4-Dichlorobenzene	1.8	24	1.8	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U
1,4-Dioxane	0.1	5.7	0.1	0.026	U	0.026	U	0.026	U	0.026	U	0.026	U	0.026	U	0.026	U	0.026	U
2,4,5-Trichlorophenol	-	-	-	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U
2,4,6-Trichlorophenol	-	-	-	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.11	U	0.1	U	0.1	U
2,4-Dichlorophenol	-	-	-	0.16	U	0.15	U	0.16	U	0.15	U	0.16	U	0.16	U	0.16	U	0.16	U
2,4-Dimethylphenol	-	-	-	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U
2,4-Dinitrophenol	-	-	-	0.83	U	0.82	U	0.83	U	0.82	U	0.83	U	0.85	U	0.83	U	0.83	U
2,4-Dinitrotoluene	-	-	-	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U
2,6-Dinitrotoluene	-	-	-	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U
2-Chloronaphthalene	-	-	-	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U
2-Chlorophenol	-	-	-	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U
2-Methylnaphthalene	-	-	-	0.047	J	0.12	J	0.037	J	0.2	U	0.12	J	0.21	U	0.21	U	0.21	U
2-Methylphenol	0.33	100	0.33	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U
2-Nitroaniline	-	-	-	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U
2-Nitrophenol	-	-	-	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U	0.38	U	0.38	U	0.37	U
3,3'-Dichlorobenzidine	-	-	-	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U
3-Methylphenol/4-Methylphenol	0.33	100	0.33	0.25	U	0.25	U	0.25	U	0.24	U	0.25	U	0.25	U	0.25	U	0.25	U
3-Nitroaniline	-	-	-	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U
4,6-Dinitro-o-cresol	-	-	-	0.45	U	0.44	U	0.45	U	0.44	U	0.45	U	0.46	U	0.45	U	0.45	U
4-Bromophenyl phenyl ether	-	-	-	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U
4-Chloroaniline	-	-	-	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U
4-Chlorophenyl phenyl ether	-	-	-	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U
4-Nitroaniline	-	-	-	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U
4-Nitrophenol	-	-	-	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.25	U	0.24	U	0.24	U
Acenaphthene	20	100	98	0.023	J	0.059	J	0.14	U	0.14	U	0.14		0.14	U	0.14	U	0.14	U
Acenaphthylene	100	100	365	0.24		0.36		0.04	J	0.14	U	0.19		0.028	J	0.061	J	0.14	U
Acetophenone	-	-	-	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U
Anthracene	100	100	1000	0.12		0.27		0.1	U	0.1	U	0.3		0.041	J	0.034	J	0.1	U
Benzo(a)anthracene	1	1.4	1	0.26		0.54		0.042	J	0.1	U	0.81		0.13		0.13		0.1	U
Benzo(a)pyrene	1	1	22	0.28		0.5		0.14	U	0.14	U	0.78		0.13	J	0.12	J	0.14	U
Benzo(b)fluoranthene	1	1.4	2.1	0.34		0.63		0.046	J	0.1	U	**1.2**		0.16		0.18		0.1	U
Benzo(ghi)perylene	0.64	4.9	1000	0.22		0.4		0.027	J	0.14	U	0.49		0.1	J	0.095	J	0.14	U
Benzo(k)fluoranthene	0.8	4.9	2	0.095	J	0.19		0.1	U	0.1	U	0.24		0.064	J	0.047	J	0.1	U
Benzoic Acid	-	-	-	0.56	U	0.55	U	0.56	U	0.55	U	0.56	U	0.57	U	0.56	U	0.56	U
Benzyl Alcohol	-	-	-	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U
Biphenyl	-	-	-	0.39	U	0.026	J	0.39	U	0.39	U	0.022	J	0.4	U	0.4	U	0.39	U
Bis(2-chloroethoxy)methane	-	-	-	0.19	U	0.18	U	0.19	U	0.18	U	0.19	U	0.19	U	0.19	U	0.19	U
Bis(2-chloroethyl)ether	-	-	-	0.16	U	0.15	U	0.16	U	0.15	U	0.16	U	0.16	U	0.16	U	0.16	U
Bis(2-chloroisopropyl)ether	-	-	-	0.21	U	0.2	U	0.21	U	0.2	U	0.21	U	0.21	U	0.21	U	0.21	U
Bis(2-ethylhexyl)phthalate	-	-	-	0.098	J	0.17	U	0.17	U	0.17	U	0.088	J	0.18	U	0.17	U	0.17	U
Butyl benzyl phthalate	-	-	-	0.24		0.17	U	0.17	U	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U
Carbazole	-	-	-	0.025	J	0.073	J	0.17	U	0.17	U	0.11	J	0.18	U	0.17	U	0.17	U
Chrysene	1	4.9	1	0.26		0.55		0.039	J	0.1	U	0.81		0.12		0.14		0.1	U
Di-n-butylphthalate	-	-	-	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U
Di-n-octylphthalate	-	-	-	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U
Dibenzo(a,h)anthracene	0.33	0.33	1000	0.046	J	0.086	J	0.1	U	0.1	U	0.098	J	0.022	J	0.1	U	0.1	U
Dibenzofuran	2.1	18	110	0.026	J	0.044	J	0.17	U	0.17	U	0.071	J	0.18	U	0.17	U	0.17	U
Diethyl phthalate	-	-	-	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U
Dimethyl phthalate	-	-	-	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U
Fluoranthene	85	100	1000	0.34		0.8		0.06	J	0.1	U	1.4		0.25		0.19		0.1	U
Fluorene	30	100	386	0.038	J	0.096	J	0.17	U	0.17	U	0.14	J	0.18	U	0.17	U	0.17	U
Hexachlorobenzene	0.33	0.33	3.2	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.11	U	0.1	U	0.1	U
Hexachlorobutadiene	-	-	-	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U
Hexachlorocyclopentadiene	-	-	-	0.5	U	0.49	U	0.49	U	0.49	U	0.49	U	0.51	U	0.5	U	0.49	U
Hexachloroethane	-	-	-	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U
Indeno(1,2,3-cd)pyrene	0.5	1.4	6.6	0.18		0.33		0.14	U	0.14	U	0.49		0.08	J	0.085	J	0.14	U
Isophorone	-	-	-	0.16	U	0.15	U	0.16	U	0.15	U	0.16	U	0.16	U	0.16	U	0.16	U
n-Nitrosodi-n-propylamine	-	-	-	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U
Naphthalene	12	100	12	0.065	J	0.21		0.023	J	0.17	U	0.16	J	0.18	U	0.17	U	0.17	U
NDPA/DPA	-	-	-	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U
Nitrobenzene	-	-	-	0.16	U	0.15	U	0.16	U	0.15	U	0.16	U	0.16	U	0.16	U	0.16	U
p-Chloro-m-cresol	-	-	-	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U
Pentachlorophenol	0.8	1.3	0.8	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U
Phenanthrene	1.1	4.9	1000	0.16		0.53		0.068	J	0.1	U	0.96		0.11		0.084	J	0.1	U
Phenol	0.33	100	0.33	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U
Pyrene	64	100	1000	0.43		0.82		0.061	J	0.1	U	1.2		0.24		0.19		0.1	U

TABLE NOTES:

Analyte exceeds the New York State Department of Environmental Conservation (NYSDEC) Part 375 Unrestricted Use Soil Cleanup Objectives (SCOs), revised December 2025

Analyte exceeds the NYSDEC Part 375 Unrestricted Use and Restricted Residential Use SCOs, rev. Dec. 2025

Analyte exceeds the NYSDEC Part 375 Unrestricted Use, Restricted Residential Use, and Protection of Groundwater SCOs, rev. Dec. 2025

Analyte exceeds the NYSDEC Part 375 Unrestricted Use and Protection of Groundwater SCOs, rev. Dec. 2025

U : Not detected at the reported detection limit for the sample.

J: Analyte detected at or above the method detection limit but below the reporting limit.

E: Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

mg/kg: Milligrams per Kilogram.

- : No Standards or Guidance Value.

Table 4 - Semivolatile Organic Compounds in Soil
Phase II Environmental Site Investigation

Ocean Bay Redevelopment
53-05 Beach Channel Drive and 360 Beach 54 Street
Edgemere, New York 11691

LOCATION	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives	NYSDEC Part 375 Protection of Groundwater Soil Cleanup Objectives	Duplicate -2025-10-06		Duplicate-2025-10-08	
LAB SAMPLE ID				L2562994-12		L2563358-23	
SAMPLING DATE				10/6/2025		10/8/2025	
SAMPLE TYPE				Soil		Soil	
				Result	Qual	Result	Qual
Semi-Volatile Organics by EPA 8270 (mg/kg)							
1,2,4,5-Tetrachlorobenzene	-	-	-	0.18	U	0.17	U
1,2,4-Trichlorobenzene	-	-	-	0.18	U	0.17	U
1,2-Dichlorobenzene	1.1	100	1.1	0.18	U	0.17	U
1,3-Dichlorobenzene	2.6	38	2.6	0.18	U	0.17	U
1,4-Dichlorobenzene	1.8	24	1.8	0.18	U	0.17	U
1,4-Dioxane	0.1	5.7	0.1	0.028	U	0.025	U
2,4,5-Trichlorophenol	-	-	-	0.18	U	0.17	U
2,4,6-Trichlorophenol	-	-	-	0.11	U	0.1	U
2,4-Dichlorophenol	-	-	-	0.17	U	0.15	U
2,4-Dimethylphenol	-	-	-	0.18	U	0.17	U
2,4-Dinitrophenol	-	-	-	0.89	U	0.82	U
2,4-Dinitrotoluene	-	-	-	0.18	U	0.17	U
2,6-Dinitrotoluene	-	-	-	0.18	U	0.17	U
2-Chloronaphthalene	-	-	-	0.18	U	0.17	U
2-Chlorophenol	-	-	-	0.18	U	0.17	U
2-Methylnaphthalene	-	-	-	0.22	U	1.1	
2-Methylphenol	0.33	100	0.33	0.18	U	0.17	U
2-Nitroaniline	-	-	-	0.18	U	0.17	U
2-Nitrophenol	-	-	-	0.4	U	0.37	U
3,3'-Dichlorobenzidine	-	-	-	0.18	U	0.17	U
3-Methylphenol/4-Methylphenol	0.33	100	0.33	0.27	U	0.24	U
3-Nitroaniline	-	-	-	0.18	U	0.17	U
4,6-Dinitro-o-cresol	-	-	-	0.48	U	0.44	U
4-Bromophenyl phenyl ether	-	-	-	0.18	U	0.17	U
4-Chloroaniline	-	-	-	0.18	U	0.17	U
4-Chlorophenyl phenyl ether	-	-	-	0.18	U	0.17	U
4-Nitroaniline	-	-	-	0.18	U	0.17	U
4-Nitrophenol	-	-	-	0.26	U	0.24	U
Acenaphthene	20	100	98	0.065	J	1	
Acenaphthylene	100	100	365	0.065	J	1.6	
Acetophenone	-	-	-	0.18	U	0.17	
Anthracene	100	100	1000	0.091	J	2	
Benzo(a)anthracene	1	1.4	1	0.26		**4**	
Benzo(a)pyrene	1	1	22	0.23		**3.4**	
Benzo(b)fluoranthene	1	1.4	2.1	0.32		**4.6**	
Benzo(ghi)perylene	0.64	4.9	1000	0.14	J	**2.2**	
Benzo(k)fluoranthene	0.8	4.9	2	0.078	J	**1.3**	
Benzoic Acid	-	-	-	0.6	U	0.55	U
Benzyl Alcohol	-	-	-	0.18	U	0.17	U
Biphenyl	-	-	-	0.42	U	0.19	J
Bis(2-chloroethoxy)methane	-	-	-	0.2	U	0.18	U
Bis(2-chloroethyl)ether	-	-	-	0.17	U	0.15	U
Bis(2-chloroisopropyl)ether	-	-	-	0.22	U	0.2	U
Bis(2-ethylhexyl)phthalate	-	-	-	0.18	U	0.072	J
Butyl benzyl phthalate	-	-	-	0.18	U	0.085	J
Carbazole	-	-	-	0.042	J	0.69	
Chrysene	1	4.9	1	0.25		**4**	
Di-n-butylphthalate	-	-	-	0.18	U	0.17	U
Di-n-octylphthalate	-	-	-	0.18	U	0.17	U
Dibenzo(a,h)anthracene	0.33	0.33	1000	0.03	J	**0.5**	
Dibenzofuran	2.1	18	110	0.18	U	0.5	
Diethyl phthalate	-	-	-	0.18	U	0.17	U
Dimethyl phthalate	-	-	-	0.18	U	0.17	U
Fluoranthene	85	100	1000	0.48		8.8	E
Fluorene	30	100	386	0.036	J	0.95	
Hexachlorobenzene	0.33	0.33	3.2	0.11	U	0.1	U
Hexachlorobutadiene	-	-	-	0.18	U	0.17	U
Hexachlorocyclopentadiene	-	-	-	0.53	U	0.48	U
Hexachloroethane	-	-	-	0.15	U	0.14	U
Indeno(1,2,3-cd)pyrene	0.5	1.4	6.6	0.14	J	**2**	
Isophorone	-	-	-	0.17	U	0.15	U
n-Nitrosodi-n-propylamine	-	-	-	0.18	U	0.17	U
Naphthalene	12	100	12	0.18	U	1.7	
NDPA/DPA	-	-	-	0.15	U	0.14	U
Nitrobenzene	-	-	-	0.17	U	0.15	U
p-Chloro-m-cresol	-	-	-	0.18	U	0.17	U
Pentachlorophenol	0.8	1.3	0.8	0.15	U	0.14	U
Phenanthrene	1.1	4.9	1000	0.34		**7.9**	**E**
Phenol	0.33	100	0.33	0.18	U	0.026	J
Pyrene	64	100	1000	0.41		8.2	E

TABLE NOTES:

Analyte exceeds the New York State Department of Environmental Conservation (NYSDEC) Part 375 Unrestricted Use Soil Cleanup Objectives (SCOs), revised December 2025

Analyte exceeds the NYSDEC Part 375 Unrestricted Use and Restricted Residential Use SCOs, rev. Dec. 2025

Analyte exceeds the NYSDEC Part 375 Unrestricted Use, Restricted Residential Use, and Protection of Groundwater SCOs, rev. Dec. 2025

Analyte exceeds the NYSDEC Part 375 Unrestricted Use and Protection of Groundwater SCOs, rev. Dec. 2025

U : Not detected at the reported detection limit for the sample.

J: Analyte detected at or above the method detection limit but below the reporting limit.

E: Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

mg/kg: Milligrams per Kilogram.

- : No Standards or Guidance Value.

Table 5 - Total Metals in Soil
Phase II Environmental Site Investigation

Ocean Bay Redevelopment
53-05 Beach Channel Drive and 360 Beach 54 Street
Edgemere, New York 11691

LOCATION	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives	NYSDEC Part 375 Protection of Groundwater Soil Cleanup Objectives	GZ-01 (0-2FT)		GZ-01 (2.5-4.5FT)		GZ-02 (0-2FT)		GZ-02 (2.5-4.5FT)		GZ-03 (0-2FT)		GZ-03 (2.5-4.5FT)		GZ-04 (0-2FT)		GZ-04 (3-5FT)	
LAB SAMPLE ID				L2563358-13		L2563358-14		L2563358-01		L2563358-02		L2563358-15 R1		L2563358-16		L2563358-17		L2563358-18 R1	
SAMPLING DATE				10/8/2025		10/8/2025		10/7/2025		10/7/2025		10/8/2025		10/8/2025		10/8/2025		10/8/2025	
SAMPLE TYPE				Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
				Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Total Metals by EPA 6010/7471 (mg/kg)																			
Aluminum, Total	-	-	-	2570		1870		3820		3650		1840		3130		2930		2880	
Antimony, Total	-	-	-	4.14	U	4.09	U	4.2	U	4.19	U	4.02	U	4.17	U	4.19	U	4.07	U
Arsenic, Total	13	16	16	3.46		1.79		2.67		3		4.77		2.52		6.7		11.2	
Barium, Total	410	410	820	18.3		10.4		50.3		52		47.1		19.6		63.6		56.1	
Beryllium, Total	4.4	43	47	0.108	J	0.409	U	1.28		0.271	J	0.589		0.417	U	0.545		0.96	
Cadmium, Total	2.5	2.5	7.5	0.139	J	0.083	J	0.344	J	0.421	J	0.71	J	0.228	J	1.1		0.824	
Calcium, Total	-	-	-	1300		1540		8830		9330		2760		736		11100		10700	
Chromium, Total*	30	110	-	7.75		7.3		11.6		12.1		15.9		12.1		17.5		19.2	
Cobalt, Total	-	-	-	1.6	J	1.01	J	5.72		3.59		10.6		2.1		6.77		8.87	
Copper, Total	50	280	1,720	8.68		5.54		**63**		42.4		**185**		12.1		**101**		**160**	
Iron, Total	-	-	-	6890		3140		8180		8500		15500		7350		13700		13200	
Lead, Total	63	400	450	20.4		7.33		**150**		**157**		**280**		9.73		**432**		**268**	
Magnesium, Total	-	-	-	941		813		1920		1810		1150		1070		4500		5580	
Manganese, Total	1,600	2,000	2,000	44.7		24.4		93		92.1		186		30.5		135		96.2	
Mercury, Total	0.18	0.3	0.73	0.073	U	0.07	U	0.093		0.072	U	**0.256**		0.071	U	**2.36**		**0.872**	
Nickel, Total	30	320	130	4.56		3.35		11.9		10		**34.3**		4.75		26		27.8	
Potassium, Total	-	-	-	603		445		1130		936		374		659		394		403	
Selenium, Total	3.9	110	4	1.66	U	1.64	U	1.68	U	1.68	U	1.61	U	1.67	U	1.68	U	0.347	J
Silver, Total	2	110	8.3	0.414	U	0.409	U	0.42	U	0.419	U	0.402	U	0.417	U	0.515		0.407	U
Sodium, Total	-	-	-	244		164	U	154	J	96	J	126	J	205		128	J	199	
Thallium, Total	-	-	-	1.66	U	1.64	U	1.68	U	1.68	U	1.61	U	1.67	U	1.68	U	1.63	U
Vanadium, Total	-	-	-	11.4		6.71		17.2		20.5		13.9		11.9		16.2		33.6	
Zinc, Total	109	6,600	2,480	26.5		13.3		**482**		**322**		**1220**		13.7		**922**		**1,020**	

TABLE NOTES:

Analyte exceeds the New York State Department of Environmental Conservation (NYSDEC) Part 375 Unrestricted Use Soil Cleanup Objectives (SCOs), revised December 2025

Analyte exceeds the NYSDEC Part 375 Unrestricted Use and Restricted Residential Use SCOs, rev. Dec. 2025

Analyte exceeds the NYSDEC Part 375 Unrestricted Use, Restricted Residential Use, and Protection of Groundwater SCOs, rev. Dec. 2025

Analyte exceeds the NYSDEC Part 375 Unrestricted Use and Protection of Groundwater SCOs, rev. Dec. 2025

*: Analyte was compared to SCOs for trivalent chromium

U : Not detected at the reported detection limit for the sample.

J: Analyte detected at or above the method detection limit but below the reporting limit.

E: Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

mg/kg: Milligrams per Kilogram.

- : No Standards or Guidance Value specified

Table 5 - Total Metals in Soil
Phase II Environmental Site Investigation

Ocean Bay Redevelopment
53-05 Beach Channel Drive and 360 Beach 54 Street
Edgemere, New York 11691

LOCATION	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives	NYSDEC Part 375 Protection of Groundwater Soil Cleanup Objectives	GZ-05 (0-2FT)		GZ-05 (2.5-4.5FT)		GZ-06 (0-2FT)		GZ-06 (2.5-4.5FT)		GZ-07 (0-2FT)		GZ-07 (3-5FT)		GZ-08 (0-2FT)		GZ-08 (2.5-4.5FT)	
LAB SAMPLE ID				L2563358-03		L2563358-04		L2562994-01		L2562994-02		L2562994-03		L2562994-04		L2563358-19		L2563358-20 R1	
SAMPLING DATE				10/7/2025		10/7/2025		10/6/2025		10/6/2025		10/6/2025		10/6/2025		10/8/2025		10/8/2025	
SAMPLE TYPE				Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
				Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Total Metals by EPA 6010/7471 (mg/kg)																			
Aluminum, Total	-	-	-	1480		1440		1150		915		5600		901		1830		5210	
Antimony, Total	-	-	-	4.05	U	4.11	U	3.96	U	4.17	U	4.05	U	4.5	U	4.06	U	4.07	U
Arsenic, Total	13	16	16	0.786	J	2.5		0.819		0.834	U	**15.7**		0.901	U	1.48		4.72	
Barium, Total	410	410	820	3.67		24.1		9.04		5.58		41.5		6.52		23.3		52.4	
Beryllium, Total	4.4	43	47	0.063	J	0.161	J	0.396	U	0.417	U	0.23	J	0.45	U	0.06	J	0.263	J
Cadmium, Total	2.5	2.5	7.5	0.049	J	0.293	J	0.05	J	0.834	U	0.257	J	0.901	U	0.117	J	0.947	
Calcium, Total	-	-	-	337		2460		630		250		5490		273		4260		1170	
Chromium, Total*	30	110	-	4.98		8.25		3.83		3.64		11.2		3.08		5.95		11.5	
Cobalt, Total	-	-	-	0.547	J	1.86		0.607	J	0.408	J	2.42		0.402	J	1.43	J	5.35	
Copper, Total	50	280	1,720	4.16		35.8		3.06		2.28		26.8		1.16		7.24		27.8	
Iron, Total	-	-	-	2440		4760		2600		1670		9300		1790		4450		12800	
Lead, Total	63	400	450	2.04	J	**88.3**		7.94		1.09	J	**78.2**		3.58	J	10.6		**178**	
Magnesium, Total	-	-	-	276		1040		567		354		1570		348		2700		1320	
Manganese, Total	1,600	2,000	2,000	11.9		34.9		16.9		11.6		130		11.8		62.4		120	
Mercury, Total	0.18	0.3	0.73	0.068	U	0.126		0.074	U	0.078	U	**0.202**		0.083	U	0.074	U	0.109	
Nickel, Total	30	320	130	2.3		6.93		2.21		1.6	J	7.74		1.5	J	4.47		15.5	
Potassium, Total	-	-	-	207		340		357		321		291		217	J	433		611	
Selenium, Total	3.9	110	4	1.62	U	1.64	U	1.58	U	1.67	U	1.62	U	1.8	U	1.62	U	1.63	U
Silver, Total	2	110	8.3	0.405	U	0.411	U	0.396	U	0.417	U	0.405	U	0.45	U	0.406	U	0.407	U
Sodium, Total	-	-	-	162	U	173		158	U	167	U	162	U	180	U	162	U	163	U
Thallium, Total	-	-	-	1.62	U	1.64	U	1.58	U	1.67	U	1.62	U	1.8	U	1.62	U	1.63	U
Vanadium, Total	-	-	-	3.2		10		5.2		3.53		17.2		3.63		7.49		15.8	
Zinc, Total	109	6,600	2,480	18.6		**210**		18.7		5.1		57.8		3.62	J	13.1		**256**	

TABLE NOTES:

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Analyte exceeds the NYSDEC Part 375 Unrestricted Use and Restricted Residential Use SCOs, rev. Dec. 2025

Analyte exceeds the NYSDEC Part 375 Unrestricted Use, Restricted Residential Use, and Protection of Groundwater SCOs, rev. Dec. 2025

Analyte exceeds the NYSDEC Part 375 Unrestricted Use and Protection of Groundwater SCOs, rev. Dec. 2025

*: Analyte was compared to SCOs for trivalent chromium

U : Not detected at the reported detection limit for the sample.

J: Analyte detected at or above the method detection limit but below the reporting limit.

E: Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

mg/kg: Milligrams per Kilogram.

- : No Standards or Guidance Value specified

Table 5 - Total Metals in Soil
Phase II Environmental Site Investigation

Ocean Bay Redevelopment
53-05 Beach Channel Drive and 360 Beach 54 Street
Edgemere, New York 11691

LOCATION	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives	NYSDEC Part 375 Protection of Groundwater Soil Cleanup Objectives	GZ-09 (0-2FT)		GZ-09 (2.5-4.5FT)		GZ-10 (0-2FT)		GZ-10 (2.5-4.5FT)		GZ-10 (6-8FT)		GZ-11 (0-2FT)		GZ-11 (2.5-4.5FT)		GZ-12 (0-2FT)	
LAB SAMPLE ID				L2563358-21		L2563358-22		L2562994-05		L2562994-06		L2562994-07		L2562994-08		L2562994-09		L2563358-05	
SAMPLING DATE				10/8/2025		10/8/2025		10/6/2025		10/6/2025		10/6/2025		10/6/2025		10/6/2025		10/7/2025	
SAMPLE TYPE				Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
				Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Total Metals by EPA 6010/7471 (mg/kg)																			
Aluminum, Total	-	-	-	1520		5190		1790		1380		933		1340		1590		2550	
Antimony, Total	-	-	-	3.98	U	4.04	U	4.47	U	4.33	U	4.82	U	4.38	U	4.15	U	4.03	U
Arsenic, Total	13	16	16	1.7		5.78		2.56		1.42		0.762	J	1.3		1.66		3.04	
Barium, Total	410	410	820	18.9		22.7		25.5		9.25		3.65		19.5		15.9		49.1	
Beryllium, Total	4.4	43	47	0.122	J	0.16	J	0.097	J	0.058	J	0.482	U	0.438	U	0.056	J	1.17	
Cadmium, Total	2.5	2.5	7.5	0.208	J	0.155	J	0.894	U	0.865	U	0.127	J	0.084	J	0.051	J	0.416	J
Calcium, Total	-	-	-	880		1470		11200		4230		183		25400		30100		7950	
Chromium, Total*	30	110	-	5.04		19.9		5.6		10.2		2.62		4.44		9.12		14.7	
Cobalt, Total	-	-	-	1.62		5.44		0.991	J	0.697	J	1.01	J	1.1	J	1.02	J	6.92	
Copper, Total	50	280	1,720	14.9		19		8.26		3.28		1.82		16.9		12.2		**104**	
Iron, Total	-	-	-	4520		13600		3800		3380		2560		3320		3410		8640	
Lead, Total	63	400	450	25.3		18		48.9		4.08	J	6.77		23		13.4		**184**	
Magnesium, Total	-	-	-	710		1930		1470		755		540		9660		10200		1700	
Manganese, Total	1,600	2,000	2,000	37.9		71.3		28.7		21.8		17.4		38.4		53.7		96.9	
Mercury, Total	0.18	0.3	0.73	0.138		0.083	U	0.091	U	0.07	U	0.092	U	0.086	U	0.069	U	0.159	
Nickel, Total	30	320	130	3.83		10.6		2.96		2.37		2.04	J	4.42		2.71		14.4	
Potassium, Total	-	-	-	339		780		370		313		333		322		250		508	
Selenium, Total	3.9	110	4	1.59	U	0.351	J	0.301	J	1.73	U	1.93	U	1.75	U	1.66	U	1.61	U
Silver, Total	2	110	8.3	0.398	U	0.404	U	0.447	U	0.433	U	0.482	U	0.438	U	0.415	U	0.403	U
Sodium, Total	-	-	-	159	U	161	J	160	J	381		1980		131	J	259		98.1	J
Thallium, Total	-	-	-	1.59	U	1.62	U	1.79	U	1.73	U	1.93	U	1.75	U	1.66	U	1.61	U
Vanadium, Total	-	-	-	6.37		19.7		7.07		5.82		3.04		7.5		9.7		14.7	
Zinc, Total	109	6,600	2,480	105		41		19.3		17.7		11.5		96.2		59		**600**	

TABLE NOTES:

Analyte exceeds the New York State Department of Environmental Conservation (NYSDEC) Part 375 Unrestricted Use Soil Cleanup Objectives (SCOs), revised December 2025

Analyte exceeds the NYSDEC Part 375 Unrestricted Use and Restricted Residential Use SCOs, rev. Dec. 2025

Analyte exceeds the NYSDEC Part 375 Unrestricted Use, Restricted Residential Use, and Protection of Groundwater SCOs, rev. Dec. 2025

Analyte exceeds the NYSDEC Part 375 Unrestricted Use and Protection of Groundwater SCOs, rev. Dec. 2025

*: Analyte was compared to SCOs for trivalent chromium

U : Not detected at the reported detection limit for the sample.

J: Analyte detected at or above the method detection limit but below the reporting limit.

E: Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

mg/kg: Milligrams per Kilogram.

- : No Standards or Guidance Value specified

Table 5 - Total Metals in Soil
Phase II Environmental Site Investigation

Ocean Bay Redevelopment
53-05 Beach Channel Drive and 360 Beach 54 Street
Edgemere, New York 11691

LOCATION	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives	NYSDEC Part 375 Protection of Groundwater Soil Cleanup Objectives	GZ-12 (2.5-4.5FT)		GZ-13 (0-2FT)		GZ-13 (2.5-4.5FT)		GZ-14 (0-2FT)		GZ-14 (2.5-4.5FT)		GZ-15 (0-2FT)		GZ-15 (3-5FT)		Duplicate -2025-10-06		Duplicate-2025-10-08	
LAB SAMPLE ID				L2563358-06		L2563358-07		L2563358-08		L2563358-09		L2563358-10		L2562994-10		L2562994-11		L2562994-12		L2563358-23	
SAMPLING DATE				10/7/2025		10/7/2025		10/7/2025		10/7/2025		10/7/2025		10/6/2025		10/6/2025		10/6/2025		10/8/2025	
SAMPLE TYPE				Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
				Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Total Metals by EPA 6010/7471 (mg/kg)																					
Aluminum, Total	-	-	-	2490		1230		960		2340		2120		1740		1030		1060		1960	
Antimony, Total	-	-	-	4.11	U	4.19	U	4.12	U	4.08	U	4.12	U	4.02	U	4.13	U	4.53	U	4.16	U
Arsenic, Total	13	16	16	2.46		1.09		0.624	J	2.62		1.05		1.9		0.741	J	0.52	J	0.497	J
Barium, Total	410	410	820	28.6		8.3		4.92		32.5		22.2		19		5.18		7.41		11.5	
Beryllium, Total	4.4	43	47	0.289	J	0.419	U	0.412	U	0.283	J	0.065	J	0.103	J	0.413	U	0.453	U	0.416	U
Cadmium, Total	2.5	2.5	7.5	0.297	J	0.052	J	0.071	J	0.352	J	0.124	J	0.103	J	0.827	U	0.905	U	0.833	U
Calcium, Total	-	-	-	2390		719		246		2930		9500		1640		208		331		495	
Chromium, Total*	30	110	-	10.4		4.73		3.46		8.93		6.02		6.02		3.33		3.63		6.01	
Cobalt, Total	-	-	-	3.57		0.955	J	0.548	J	2.54		1.3	J	1.22	J	0.522	J	0.485	J	1.18	J
Copper, Total	50	280	1,720	**53.3**		4.09		1.66		38.6		12		7.99		0.925		1.52		2.91	
Iron, Total	-	-	-	6930		2740		1720		7000		4200		5160		1490		2020		3170	
Lead, Total	63	400	450	**85.2**		8.96		2.08	J	**120**		29.8		26.8		0.717	J	1.94	J	1.68	J
Magnesium, Total	-	-	-	1050		500		328		1130		4400		1140		368		422		897	
Manganese, Total	1,600	2,000	2,000	54.8		17.7		13.5		62.5		40.2		39.4		12.1		14.7		25.6	
Mercury, Total	0.18	0.3	0.73	0.097		0.067	U	0.072	U	0.053	J	0.075	U	0.067	U	0.075	U	0.092	U	0.085	U
Nickel, Total	30	320	130	10.2		2.9		1.85	J	7.87		3.94		3.89		1.52	J	1.49	J	3.46	
Potassium, Total	-	-	-	474		367		253		442		394		416		266		289		620	
Selenium, Total	3.9	110	4	1.64	U	1.68	U	1.65	U	1.63	U	1.65	U	1.61	U	1.65	U	1.81	U	1.67	U
Silver, Total	2	110	8.3	0.411	U	0.419	U	0.412	U	0.408	U	0.412	U	0.402	U	0.413	U	0.453	U	0.416	U
Sodium, Total	-	-	-	164	U	200		89.5	J	163	U	165	U	161	U	165	U	181	U	167	U
Thallium, Total	-	-	-	1.64	U	1.68	U	1.65	U	1.63	U	1.65	U	1.61	U	1.65	U	1.81	U	1.67	U
Vanadium, Total	-	-	-	11.5		5.7		3.63		13.4		10.8		9.46		3.76		4.48		5.76	
Zinc, Total	109	6,600	2,480	**356**		13.9		6.5		**208**		56.9		26.5		4.31		4.65		8.55	

TABLE NOTES:

Analyte exceeds the New York State Department of Environmental Conservation (NYSDEC) Part 375 Unrestricted Use Soil Cleanup Objectives (SCOs), revised December 2025

Analyte exceeds the NYSDEC Part 375 Unrestricted Use and Restricted Residential Use SCOs, rev. Dec. 2025

Analyte exceeds the NYSDEC Part 375 Unrestricted Use, Restricted Residential Use, and Protection of Groundwater SCOs, rev. Dec. 2025

Analyte exceeds the NYSDEC Part 375 Unrestricted Use and Protection of Groundwater SCOs, rev. Dec. 2025

*: Analyte was compared to SCOs for trivalent chromium

U : Not detected at the reported detection limit for the sample.

J: Analyte detected at or above the method detection limit but below the reporting limit.

E: Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

mg/kg: Milligrams per Kilogram.

- : No Standards or Guidance Value specified

Table 6 - Pesticides, Herbicides, and Polychlorinated Biphenyls in Soil
Phase II Environmental Site Investigation

Ocean Bay Redevelopment
53-05 Beach Channel Drive and 360 Beach 54 Street
Edgemere, New York 11691

LOCATION	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives	NYSDEC Part 375 Protection of Groundwater Soil Cleanup Objectives	GZ-01 (0-2FT)		GZ-01 (2.5-4.5FT)		GZ-02 (0-2FT)		GZ-02 (2.5-4.5FT)		GZ-03 (0-2FT)		GZ-03 (2.5-4.5FT)		GZ-04 (0-2FT)		GZ-04 (3-5FT)	
LAB SAMPLE ID				L2563358-13		L2563358-14		L2563358-01		L2563358-02		L2563358-15 R1		L2563358-16		L2563358-17		L2563358-18 R1	
SAMPLING DATE				10/8/2025		10/8/2025		10/7/2025		10/7/2025		10/8/2025		10/8/2025		10/8/2025		10/8/2025	
SAMPLE TYPE				Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
				Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Pesticides by EPA 8081 (mg/kg)																			
4,4'-DDD	0.0033	5	14	0.00162	U	0.0017	U	0.00165	U	0.00154	JIP	0.00164	U	0.0017	U	0.00168	U	0.0167	U
4,4'-DDE	0.0033	3.4	9.3	0.00213		0.00184		**0.00339**	**IP**	**0.00575**		0.00164	U	0.0017	U	0.00168	U	0.0167	U
4,4'-DDT	0.0033	3.8	135	**0.01**		0.00275		**0.0107**		**0.0139**		0.00164	U	0.0017	U	0.00168	U	0.0167	U
Aldrin	0.0048	0.044	0.19	0.00162	U	0.0017	U	0.00165	U	0.0017	U	0.00164	U	0.0017	U	0.00168	U	0.0167	U
alpha-BHC	0.02	0.18	0.02	0.000675	U	0.000707	U	0.000689	U	0.000708	U	0.000683	U	0.00071	U	0.000702	U	0.00697	U
alpha-Chlordane	0.021	0.18	0.09	0.00162	U	0.0017	U	0.00165	U	0.0017	U	0.00164	U	0.0017	U	0.00168	U	0.0167	U
beta-BHC	-	-	-	0.0135	U	0.0141	U	0.0138	U	0.0142	U	0.0136	U	0.0142	U	0.014	U	0.139	U
Chlordane, total	0.014	0.65	4.5	0.00202	U	0.00212	U	0.00207	U	0.00212	U	0.00205	U	0.00213	U	0.00211	U	0.0209	U
delta-BHC	0.04	100	0.1	0.00162	U	0.0017	U	0.00165	U	0.0017	U	0.00164	U	0.0017	U	0.00168	U	0.0167	U
Dieldrin	0.005	0.075	0.1	0.00101	U	0.00106	U	0.00103	U	0.00106	U	0.00102	U	0.00106	U	0.00105	U	0.0104	U
Endosulfan I	4.3	35	65	0.00162	U	0.0017	U	0.00165	U	0.0017	U	0.00164	U	0.0017	U	0.00168	U	0.0167	U
Endosulfan II	4.3	35	44	0.00162	U	0.0017	U	0.00165	U	0.0017	U	0.00164	U	0.0017	U	0.00168	U	0.0167	U
Endosulfan sulfate	4.3	35	47	0.000675	U	0.000707	U	0.000689	U	0.000708	U	0.000683	U	0.00071	U	0.000702	U	0.00697	U
Endrin	0.014	5.3	0.06	0.000675	U	0.000707	U	0.000689	U	0.000708	U	0.000683	U	0.00071	U	0.000702	U	0.00697	U
Endrin aldehyde	-	-	-	0.00202	U	0.00212	U	0.00207	U	0.00212	U	0.00205	U	0.00213	U	0.00211	U	0.0209	U
Endrin ketone	-	-	-	0.00162	U	0.0017	U	0.00165	U	0.0017	U	0.00164	U	0.0017	U	0.00168	U	0.0167	U
gamma-BHC (Lindane)	0.013	0.53	0.38	0.00081	U	0.000849	U	0.000827	U	0.00085	U	0.00082	U	0.000852	U	0.000843	U	0.00836	U
gamma-Chlordane	-	-	-	0.00304	U	0.00318	U	0.0031	U	0.00319	U	0.00307	U	0.0032	U	0.00316	U	0.0313	U
Heptachlor	0.025	0.21	0.05	0.000675	U	0.000707	U	0.000689	U	0.000708	U	0.000683	U	0.00071	U	0.000702	U	0.00697	U
Heptachlor epoxide	-	-	-	0.00304	U	0.00318	U	0.0031	U	0.00319	U	0.00307	U	0.0032	U	0.00316	U	0.0313	U
Methoxychlor	-	-	-	0.0304	U	0.0318	U	0.031	U	0.0319	U	0.0307	U	0.032	U	0.0316	U	0.313	U
Toxaphene	-	-	-	0.00202	U	0.00212	U	0.00207	U	0.00212	U	0.00205	U	0.00213	U	0.00211	U	0.0209	U
Herbicides by EPA 8151 (mg/kg)																			
2,4,5-T	-	-	-	0.175	U	0.176	U	0.179	U	0.175	U	0.171	U	0.178	U	0.175	U	0.171	U
2,4,5-TP (Silvex)	3.8	-	-	0.175	U	0.176	U	0.179	U	0.175	U	0.171	U	0.178	U	0.175	U	0.171	U
2,4-D	-	-	-	0.175	U	0.176	U	0.179	U	0.175	U	0.171	U	0.178	U	0.175	U	0.171	U
Polychlorinated Biphenyls (PCBs) by EPA 8082 (mg/kg)																			
Aroclor 1016	0.1	1	3.2	0.0521	U	0.0527	U	0.0508	U	0.0491	U	0.047	U	0.0523	U	0.0523	U	0.0517	U
Aroclor 1221	0.1	1	3.2	0.0521	U	0.0527	U	0.0508	U	0.0491	U	0.047	U	0.0523	U	0.0523	U	0.0517	U
Aroclor 1232	0.1	1	3.2	0.0521	U	0.0527	U	0.0508	U	0.0491	U	0.047	U	0.0523	U	0.0523	U	0.0517	U
Aroclor 1242	0.1	1	3.2	0.0521	U	0.0527	U	0.0123	J	0.0491	U	0.0177	J	0.0523	U	0.0523	U	0.0517	U
Aroclor 1248	0.1	1	3.2	0.0521	U	0.0527	U	0.0508	U	0.0491	U	0.047	U	0.0523	U	0.0523	U	0.0517	U
Aroclor 1254	0.1	1	3.2	0.0521	U	0.0527	U	0.0508	U	0.0584		0.047	U	0.0523	U	0.0523	U	0.0517	U
Aroclor 1260	0.1	1	3.2	0.0521	U	0.0527	U	0.0198	J	0.0403	J	0.0398	J	0.0523	U	0.0523	U	0.0581	
Aroclor 1262	0.1	1	3.2	0.0521	U	0.0527	U	0.0508	U	0.0491	U	0.047	U	0.0523	U	0.0523	U	0.0517	U
Aroclor 1268	0.1	1	3.2	0.0521	U	0.0527	U	0.00806	J	0.012	J	0.0106	J	0.0523	U	0.0523	U	0.0166	J
Total PCBs	0.1	1	3.2	0.0521	U	0.0527	U	0.0402	J	**0.111**	**J**	0.0681	J	0.0523	U	0.0523	U	0.0747	J

TABLE NOTES:

Analyte exceeds the New York State Department of Environmental Conservation (NYSDEC) Part 375 Unrestricted Use Soil Cleanup Objectives (SCOs), revised December 2025.

J : Estimated value. The analyte concentration is below the reporting limit (RL), but above the method detection limit (MDL) or estimated detection limit (EDL).

I : The lower value for the two columns has been reported due to interference

U: Not detected at the reported detection limit for the sample.

P: The RPD between the results for the two columns exceeds the method-specified criteria.

mg/kg: Milligrams per Kilogram.

- : No Standards or Guidance Value.

Table 6 - Pesticides, Herbicides, and Polychlorinated Biphenyls in Soil
Phase II Environmental Site Investigation

Ocean Bay Redevelopment
53-05 Beach Channel Drive and 360 Beach 54 Street
Edgemere, New York 11691

LOCATION	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives	NYSDEC Part 375 Protection of Groundwater Soil Cleanup Objectives	GZ-05 (0-2FT)		GZ-05 (2.5-4.5FT)		GZ-06 (0-2FT)		GZ-06 (2.5-4.5FT)		GZ-07 (0-2FT)		GZ-07 (3-5FT)		GZ-08 (0-2FT)		GZ-08 (2.5-4.5FT)	
LAB SAMPLE ID				L2563358-03		L2563358-04		L2562994-01		L2562994-02		L2562994-03		L2562994-04		L2563358-19		L2563358-20 R1	
SAMPLING DATE				10/7/2025		10/7/2025		10/6/2025		10/6/2025		10/6/2025		10/6/2025		10/8/2025		10/8/2025	
SAMPLE TYPE				Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
				Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Pesticides by EPA 8081 (mg/kg)																			
4,4'-DDD	0.0033	5	14	0.00158	U	0.00164	U	0.0016	U	0.00166	U	**0.00717**		0.00178	U	0.0016	U	0.00164	U
4,4'-DDE	0.0033	3.4	9.3	0.00158	U	0.00164	U	0.00104	J	0.00166	U	**0.0755**		0.000741	J	0.0016	U	0.00164	U
4,4'-DDT	0.0033	3.8	135	0.00158	U	0.00164	U	0.00289		0.00166	U	**0.119**		0.00178	U	0.0016	U	0.00164	U
Aldrin	0.0048	0.044	0.19	0.00158	U	0.00164	U	0.0016	U	0.00166	U	0.00167	U	0.00178	U	0.0016	U	0.00164	U
alpha-BHC	0.02	0.18	0.02	0.000657	U	0.000684	U	0.000669	U	0.00069	U	0.000697	U	0.000744	U	0.000668	U	0.000683	U
alpha-Chlordane	0.021	0.18	0.09	0.00158	U	0.00164	U	0.0016	U	0.00166	U	0.00167	U	0.00178	U	0.0016	U	0.00164	U
beta-BHC	-	-	-	0.0131	U	0.0137	U	0.0134	U	0.0138	U	0.0139	U	0.0149	U	0.0134	U	0.0137	U
Chlordane, total	0.014	0.65	4.5	0.00197	U	0.00205	U	0.00201	U	0.00207	U	0.00209	U	0.00223	U	0.002	U	0.00205	U
delta-BHC	0.04	100	0.1	0.00158	U	0.00164	U	0.0016	U	0.00166	U	0.00167	U	0.00178	U	0.0016	U	0.00164	U
Dieldrin	0.005	0.075	0.1	0.000985	U	0.00103	U	0.001	U	0.00103	U	0.00104	U	0.00112	U	0.001	U	0.00102	U
Endosulfan I	4.3	35	65	0.00158	U	0.00164	U	0.0016	U	0.00166	U	0.00167	U	0.00178	U	0.0016	U	0.00164	U
Endosulfan II	4.3	35	44	0.00158	U	0.00164	U	0.0016	U	0.00166	U	0.00167	U	0.00178	U	0.0016	U	0.00164	U
Endosulfan sulfate	4.3	35	47	0.000657	U	0.000684	U	0.000669	U	0.00069	U	0.000697	U	0.000744	U	0.000668	U	0.000683	U
Endrin	0.014	5.3	0.06	0.000657	U	0.000684	U	0.000669	U	0.00069	U	0.000697	U	0.000744	U	0.000668	U	0.000683	U
Endrin aldehyde	-	-	-	0.00197	U	0.00205	U	0.00201	U	0.00207	U	0.00209	U	0.00223	U	0.002	U	0.00205	U
Endrin ketone	-	-	-	0.00158	U	0.00164	U	0.0016	U	0.00166	U	0.00167	U	0.00178	U	0.0016	U	0.00164	U
gamma-BHC (Lindane)	0.013	0.53	0.38	0.000788	U	0.000821	U	0.000803	U	0.000828	U	0.000836	U	0.000892	U	0.000801	U	0.00082	U
gamma-Chlordane	-	-	-	0.00295	U	0.00308	U	0.00301	U	0.0031	U	0.00313	U	0.00335	U	0.003	U	0.00307	U
Heptachlor	0.025	0.21	0.05	0.000657	U	0.000684	U	0.000669	U	0.00069	U	0.000697	U	0.000744	U	0.000668	U	0.000683	U
Heptachlor epoxide	-	-	-	0.00295	U	0.00308	U	0.00301	U	0.0031	U	0.00313	U	0.00335	U	0.003	U	0.00307	U
Methoxychlor	-	-	-	0.0295	U	0.0308	U	0.0301	U	0.031	U	0.0313	U	0.0335	U	0.03	U	0.0307	U
Toxaphene	-	-	-	0.00197	U	0.00205	U	0.00201	U	0.00207	U	0.00209	U	0.00223	U	0.002	U	0.00205	U
Herbicides by EPA 8151 (mg/kg)																			
2,4,5-T	-	-	-	0.167	U	0.173	U	0.171	U	0.174	U	0.173	U	0.188	U	0.169	U	0.177	U
2,4,5-TP (Silvex)	3.8	-	-	0.167	U	0.173	U	0.171	U	0.174	U	0.173	U	0.188	U	0.169	U	0.177	U
2,4-D	-	-	-	0.167	U	0.173	U	0.171	U	0.174	U	0.173	U	0.188	U	0.169	U	0.177	U
Polychlorinated Biphenyls (PCBs) by EPA 8082 (mg/kg)																			
Aroclor 1016	0.1	1	3.2	0.0493	U	0.0508	U	0.0515	U	0.0486	U	0.05	U	0.0541	U	0.0508	U	0.0527	U
Aroclor 1221	0.1	1	3.2	0.0493	U	0.0508	U	0.0515	U	0.0486	U	0.05	U	0.0541	U	0.0508	U	0.0527	U
Aroclor 1232	0.1	1	3.2	0.0493	U	0.0508	U	0.0515	U	0.0486	U	0.05	U	0.0541	U	0.0508	U	0.0527	U
Aroclor 1242	0.1	1	3.2	0.069		0.0508	U	0.0515	U	0.0486	U	0.05	U	0.0541	U	0.0508	U	0.0527	U
Aroclor 1248	0.1	1	3.2	0.0493	U	0.0508	U	0.0515	U	0.0486	U	0.0146	J	0.0541	U	0.0508	U	0.0527	U
Aroclor 1254	0.1	1	3.2	0.0855		0.0508	U	0.0515	U	0.0486	U	0.0113	J	0.0541	U	0.0508	U	0.0527	U
Aroclor 1260	0.1	1	3.2	0.0603		0.0508	U	0.0515	U	0.0486	U	0.0164	J	0.0541	U	0.0508	U	0.0269	JIP
Aroclor 1262	0.1	1	3.2	0.0493	U	0.0508	U	0.0515	U	0.0486	U	0.05	U	0.0541	U	0.0508	U	0.0527	U
Aroclor 1268	0.1	1	3.2	0.0493	U	0.0508	U	0.0515	U	0.0486	U	0.00541	J	0.0541	U	0.0508	U	0.0527	U
Total PCBs	0.1	1	3.2	**0.215**		0.0508	U	0.0515	U	0.0486	U	0.0477	J	0.0541	U	0.0508	U	0.0269	J

TABLE NOTES:

Analyte exceeds the New York State Department of Environmental Conservation (NYSDEC) Part 375 Unrestricted Use Soil Cleanup Objectives (SCOs), revised December 2025.

J : Estimated value. The analyte concentration is below the reporting limit (RL), but above the method detection limit (MDL) or estimated detection limit (EDL).

I : The lower value for the two columns has been reported due to interference

U: Not detected at the reported detection limit for the sample.

P: The RPD between the results for the two columns exceeds the method-specified criteria.

mg/kg: Milligrams per Kilogram.

- : No Standards or Guidance Value.

Table 6 - Pesticides, Herbicides, and Polychlorinated Biphenyls in Soil
Phase II Environmental Site Investigation

Ocean Bay Redevelopment
53-05 Beach Channel Drive and 360 Beach 54 Street
Edgemere, New York 11691

LOCATION	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives	NYSDEC Part 375 Protection of Groundwater Soil Cleanup Objectives	GZ-09 (0-2FT)		GZ-09 (2.5-4.5FT)		GZ-10 (0-2FT)		GZ-10 (2.5-4.5FT)		GZ-10 (6-8FT)		GZ-11 (0-2FT)		GZ-11 (2.5-4.5FT)		GZ-12 (0-2FT)	
LAB SAMPLE ID				L2563358-21		L2563358-22		L2562994-05		L2562994-06		L2562994-07		L2562994-08		L2562994-09		L2563358-05	
SAMPLING DATE				10/8/2025		10/8/2025		10/6/2025		10/6/2025		10/6/2025		10/6/2025		10/6/2025		10/7/2025	
SAMPLE TYPE				Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
				Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Pesticides by EPA 8081 (mg/kg)																			
4,4'-DDD	0.0033	5	14	0.0016	U	0.00166	U	0.00175	U	0.00167	U	0.00194	U	0.000745	JIP	0.00163	U	0.00158	U
4,4'-DDE	0.0033	3.4	9.3	0.00162	IP	0.00166	U	0.00175	U	**0.00342**		0.00194	U	0.00159	J	0.00163	U	**0.00403**	
4,4'-DDT	0.0033	3.8	135	**0.00389**		0.00166	U	0.00175	U	**0.00541**		0.00194	U	0.0017	U	0.00163	U	**0.0069**	
Aldrin	0.0048	0.044	0.19	0.0016	U	0.00166	U	0.00175	U	0.00167	U	0.00194	U	0.0017	U	0.00163	U	0.00158	U
alpha-BHC	0.02	0.18	0.02	0.000666	U	0.000691	U	0.00073	U	0.000695	U	0.000807	U	0.00071	U	0.000678	U	0.000657	U
alpha-Chlordane	0.021	0.18	0.09	0.0016	U	0.00166	U	0.00175	U	0.00167	U	0.00194	U	0.0017	U	0.00163	U	0.00158	U
beta-BHC	-	-	-	0.0133	U	0.0138	U	0.0146	U	0.0139	U	0.0161	U	0.0142	U	0.0136	U	0.0131	U
Chlordane, total	0.014	0.65	4.5	0.002	U	0.00207	U	0.00219	U	0.00208	U	0.00242	U	0.00213	U	0.00203	U	0.00197	U
delta-BHC	0.04	100	0.1	0.0016	U	0.00166	U	0.00175	U	0.00167	U	0.00194	U	0.0017	U	0.00163	U	0.00158	U
Dieldrin	0.005	0.075	0.1	0.000999	U	0.00104	U	0.00109	U	0.00104	U	0.00121	U	0.00106	U	0.00102	U	0.000986	U
Endosulfan I	4.3	35	65	0.0016	U	0.00166	U	0.00175	U	0.00167	U	0.00194	U	0.0017	U	0.00163	U	0.00158	U
Endosulfan II	4.3	35	44	0.0016	U	0.00166	U	0.00175	U	0.00167	U	0.00194	U	0.0017	U	0.00163	U	0.00158	U
Endosulfan sulfate	4.3	35	47	0.000666	U	0.000691	U	0.00073	U	0.000695	U	0.000807	U	0.00071	U	0.000678	U	0.000657	U
Endrin	0.014	5.3	0.06	0.000666	U	0.000691	U	0.00073	U	0.000695	U	0.000807	U	0.00071	U	0.000678	U	0.000657	U
Endrin aldehyde	-	-	-	0.002	U	0.00207	U	0.00219	U	0.00208	U	0.00242	U	0.00213	U	0.00203	U	0.00197	U
Endrin ketone	-	-	-	0.0016	U	0.00166	U	0.00175	U	0.00167	U	0.00194	U	0.0017	U	0.00163	U	0.00158	U
gamma-BHC (Lindane)	0.013	0.53	0.38	0.000799	U	0.000829	U	0.000876	U	0.000834	U	0.000968	U	0.000852	U	0.000813	U	0.000789	U
gamma-Chlordane	-	-	-	0.003	U	0.00311	U	0.00328	U	0.00313	U	0.00363	U	0.00319	U	0.00305	U	0.00296	U
Heptachlor	0.025	0.21	0.05	0.000666	U	0.000691	U	0.00073	U	0.000695	U	0.000807	U	0.00071	U	0.000678	U	0.000657	U
Heptachlor epoxide	-	-	-	0.003	U	0.00311	U	0.00328	U	0.00313	U	0.00363	U	0.00319	U	0.00305	U	0.00296	U
Methoxychlor	-	-	-	0.03	U	0.0311	U	0.0328	U	0.0313	U	0.0363	U	0.0319	U	0.0305	U	0.0296	U
Toxaphene	-	-	-	0.002	U	0.00207	U	0.00219	U	0.00208	U	0.00242	U	0.00213	U	0.00203	U	0.00197	U
Herbicides by EPA 8151 (mg/kg)																			
2,4,5-T	-	-	-	0.172	U	0.178	U	0.19	U	0.179	U	0.207	U	0.519	U	0.172	U	0.171	U
2,4,5-TP (Silvex)	3.8	-	-	0.172	U	0.178	U	0.19	U	0.179	U	0.207	U	0.519	U	0.172	U	0.171	U
2,4-D	-	-	-	0.172	U	0.178	U	0.19	U	0.179	U	0.207	U	0.519	U	0.172	U	0.171	U
Polychlorinated Biphenyls (PCBs) by EPA 8082 (mg/kg)																			
Aroclor 1016	0.1	1	3.2	0.0503	U	0.0528	U	0.0532	U	0.0502	U	0.0571	U	0.0542	U	0.0516	U	0.0517	U
Aroclor 1221	0.1	1	3.2	0.0503	U	0.0528	U	0.0532	U	0.0502	U	0.0571	U	0.0542	U	0.0516	U	0.0517	U
Aroclor 1232	0.1	1	3.2	0.0503	U	0.0528	U	0.0532	U	0.0502	U	0.0571	U	0.0542	U	0.0516	U	0.0517	U
Aroclor 1242	0.1	1	3.2	0.0503	U	0.0528	U	0.0532	U	0.0502	U	0.0571	U	0.0542	U	0.0516	U	0.0517	U
Aroclor 1248	0.1	1	3.2	0.0503	U	0.0528	U	0.0532	U	0.0502	U	0.0571	U	0.0542	U	0.0516	U	0.0517	U
Aroclor 1254	0.1	1	3.2	0.0503	U	0.0528	U	0.0532	U	0.0502	U	0.0571	U	0.019	J	0.0516	U	0.0517	U
Aroclor 1260	0.1	1	3.2	0.0105	J	0.0528	U	0.0532	U	0.0502	U	0.0571	U	0.0199	J	0.0516	U	0.0517	U
Aroclor 1262	0.1	1	3.2	0.0503	U	0.0528	U	0.0532	U	0.0502	U	0.0571	U	0.0542	U	0.0516	U	0.0517	U
Aroclor 1268	0.1	1	3.2	0.0503	U	0.0528	U	0.0532	U	0.0502	U	0.0571	U	0.0542	U	0.0516	U	0.0517	U
Total PCBs	0.1	1	3.2	0.0105	J	0.0528	U	0.0532	U	0.0502	U	0.0571	U	0.0389	J	0.0516	U	0.0517	U

TABLE NOTES:

Analyte exceeds the New York State Department of Environmental Conservation (NYSDEC) Part 375 Unrestricted Use Soil Cleanup Objectives (SCOs), revised December 2025.

J : Estimated value. The analyte concentration is below the reporting limit (RL), but above the method detection limit (MDL) or estimated detection limit (EDL).

I : The lower value for the two columns has been reported due to interference

U: Not detected at the reported detection limit for the sample.

P: The RPD between the results for the two columns exceeds the method-specified criteria.

mg/kg: Milligrams per Kilogram.

- : No Standards or Guidance Value.

Table 6 - Pesticides, Herbicides, and Polychlorinated Biphenyls in Soil
Phase II Environmental Site Investigation

Ocean Bay Redevelopment
53-05 Beach Channel Drive and 360 Beach 54 Street
Edgemere, New York 11691

LOCATION	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives	NYSDEC Part 375 Protection of Groundwater Soil Cleanup Objectives	GZ-12 (2.5-4.5FT)		GZ-13 (0-2FT)		GZ-13 (2.5-4.5FT)		GZ-14 (0-2FT)		GZ-14 (2.5-4.5FT)		GZ-15 (0-2FT)		GZ-15 (3-5FT)		Duplicate -2025-10-06		Duplicate-2025-10-08	
LAB SAMPLE ID				L2563358-06		L2563358-07		L2563358-08		L2563358-09		L2563358-10		L2562994-10		L2562994-11		L2562994-12		L2563358-23	
SAMPLING DATE				10/7/2025		10/7/2025		10/7/2025		10/7/2025		10/7/2025		10/6/2025		10/6/2025		10/6/2025		10/8/2025	
SAMPLE TYPE				Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
				Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Pesticides by EPA 8081 (mg/kg)																					
4,4'-DDD	0.0033	5	14	0.00165	U	0.00166	U	0.00162	U	0.00167	U	0.0017	U	0.000894	J	0.00167	U	0.00204		0.0159	U
4,4'-DDE	0.0033	3.4	9.3	0.00268	IP	0.00327		0.00162	U	**0.00562**		**0.00539**		**0.0111**		0.00167	U	**0.0139**		0.0159	U
4,4'-DDT	0.0033	3.8	135	**0.00763**		**0.00582**		0.00162	U	**0.0115**		**0.00585**		**0.0311**		0.00167	U	**0.0209**		0.0159	U
Aldrin	0.0048	0.044	0.19	0.00165	U	0.00166	U	0.00162	U	0.00167	U	0.0017	U	0.00167	U	0.00167	U	0.00175	U	0.0159	U
alpha-BHC	0.02	0.18	0.02	0.000687	U	0.000691	U	0.000673	U	0.000695	U	0.000709	U	0.000696	U	0.000696	U	0.000729	U	0.00663	U
alpha-Chlordane	0.021	0.18	0.09	0.00165	U	0.00166	U	0.00162	U	0.00167	U	0.0017	U	0.00167	U	0.00167	U	0.00175	U	0.0159	U
beta-BHC	-	-	-	0.0137	U	0.0138	U	0.0135	U	0.0139	U	0.0142	U	0.0139	U	0.0139	U	0.0146	U	0.133	U
Chlordane, total	0.014	0.65	4.5	0.00206	U	0.00207	U	0.00202	U	0.00208	U	0.00212	U	0.00209	U	0.00209	U	0.00219	U	0.0199	U
delta-BHC	0.04	100	0.1	0.00165	U	0.00166	U	0.00162	U	0.00167	U	0.0017	U	0.00167	U	0.00167	U	0.00175	U	0.0159	U
Dieldrin	0.005	0.075	0.1	0.00103	U	0.00104	U	0.00101	U	0.00104	U	0.00106	U	0.00104	U	0.00104	U	0.00109	U	0.00995	U
Endosulfan I	4.3	35	65	0.00165	U	0.00166	U	0.00162	U	0.00167	U	0.0017	U	0.00167	U	0.00167	U	0.00175	U	0.0159	U
Endosulfan II	4.3	35	44	0.00165	U	0.00166	U	0.00162	U	0.00167	U	0.0017	U	0.00167	U	0.00167	U	0.00175	U	0.0159	U
Endosulfan sulfate	4.3	35	47	0.000687	U	0.000691	U	0.000673	U	0.000695	U	0.000709	U	0.000696	U	0.000696	U	0.000729	U	0.00663	U
Endrin	0.014	5.3	0.06	0.000687	U	0.000691	U	0.000673	U	0.000695	U	0.000709	U	0.000696	U	0.000696	U	0.000729	U	0.00663	U
Endrin aldehyde	-	-	-	0.00206	U	0.00207	U	0.00202	U	0.00208	U	0.00212	U	0.00209	U	0.00209	U	0.00219	U	0.0199	U
Endrin ketone	-	-	-	0.00165	U	0.00166	U	0.00162	U	0.00167	U	0.0017	U	0.00167	U	0.00167	U	0.00175	U	0.0159	U
gamma-BHC (Lindane)	0.013	0.53	0.38	0.000824	U	0.000829	U	0.000808	U	0.000834	U	0.00085	U	0.000836	U	0.000835	U	0.000875	U	0.00796	U
gamma-Chlordane	-	-	-	0.00309	U	0.00311	U	0.00303	U	0.00313	U	0.00319	U	0.00313	U	0.00313	U	0.00328	U	0.0298	U
Heptachlor	0.025	0.21	0.05	0.000687	U	0.000691	U	0.000673	U	0.000695	U	0.000709	U	0.000696	U	0.000696	U	0.000729	U	0.00663	U
Heptachlor epoxide	-	-	-	0.00309	U	0.00311	U	0.00303	U	0.00313	U	0.00319	U	0.00313	U	0.00313	U	0.00328	U	0.0298	U
Methoxychlor	-	-	-	0.0309	U	0.0311	U	0.0303	U	0.0313	U	0.0319	U	0.0313	U	0.0313	U	0.0328	U	0.298	U
Toxaphene	-	-	-	0.00206	U	0.00207	U	0.00202	U	0.00208	U	0.00212	U	0.00209	U	0.00209	U	0.00219	U	0.0199	U
Herbicides by EPA 8151 (mg/kg)																					
2,4,5-T	-	-	-	0.173	U	0.171	U	0.169	U	0.171	U	0.18	U	0.175	U	0.175	U	0.188	U	0.172	U
2,4,5-TP (Silvex)	3.8	-	-	0.173	U	0.171	U	0.169	U	0.171	U	0.18	U	0.175	U	0.175	U	0.188	U	0.172	U
2,4-D	-	-	-	0.173	U	0.171	U	0.169	U	0.171	U	0.18	U	0.175	U	0.175	U	0.188	U	0.172	U
Polychlorinated Biphenyls (PCBs) by EPA 8082 (mg/kg)																					
Aroclor 1016	0.1	1	3.2	0.0518	U	0.0505	U	0.0492	U	0.0497	U	0.0542	U	0.0516	U	0.0504	U	0.056	U	0.243	U
Aroclor 1221	0.1	1	3.2	0.0518	U	0.0505	U	0.0492	U	0.0497	U	0.0542	U	0.0516	U	0.0504	U	0.056	U	0.243	U
Aroclor 1232	0.1	1	3.2	0.0518	U	0.0505	U	0.0492	U	0.0497	U	0.0542	U	0.0516	U	0.0504	U	0.056	U	0.243	U
Aroclor 1242	0.1	1	3.2	0.0518	U	0.0505	U	0.0492	U	0.0497	U	0.0542	U	0.0516	U	0.0504	U	0.056	U	0.243	U
Aroclor 1248	0.1	1	3.2	0.0518	U	0.0505	U	0.0492	U	0.0497	U	0.0542	U	0.0516	U	0.0504	U	0.056	U	0.243	U
Aroclor 1254	0.1	1	3.2	0.0518	U	0.0505	U	0.0492	U	0.0497	U	0.0542	U	0.0516	U	0.0504	U	0.056	U	0.243	U
Aroclor 1260	0.1	1	3.2	0.0518	U	0.0505	U	0.0492	U	0.0178	J	0.0542	U	0.0516	U	0.0504	U	0.056	U	0.0488	J
Aroclor 1262	0.1	1	3.2	0.0518	U	0.0505	U	0.0492	U	0.0497	U	0.0542	U	0.0516	U	0.0504	U	0.056	U	0.243	U
Aroclor 1268	0.1	1	3.2	0.0381	J	0.0505	U	0.0492	U	0.00681	J	0.0542	U	0.0516	U	0.0504	U	0.056	U	0.243	U
Total PCBs	0.1	1	3.2	0.0381	J	0.0505	U	0.0492	U	0.0246	J	0.0542	U	0.0516	U	0.0504	U	0.056	U	0.0488	J

TABLE NOTES:

Analyte exceeds the New York State Department of Environmental Conservation (NYSDEC) Part 375 Unrestricted Use Soil Cleanup Objectives (SCOs), revised December 2025.

J : Estimated value. The analyte concentration is below the reporting limit (RL), but above the method detection limit (MDL) or estimated detection limit (EDL).

I : The lower value for the two columns has been reported due to interference

U: Not detected at the reported detection limit for the sample.

P: The RPD between the results for the two columns exceeds the method-specified criteria.

mg/kg: Milligrams per Kilogram.

- : No Standards or Guidance Value.

Table 7 - Per- and Polyfluoroalkyl Substances in Soil
Phase II Environmental Site Investigation

Ocean Bay Redevelopment
53-05 Beach Channel Drive and 360 Beach 54 Street
Edgemere, New York 11691

LOCATION	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Residential Use Soil Cleanup Objectives	NYSDEC Part 375 Protection of Groundwater Soil Cleanup Objectives	GZ-02 (2.5-4.5FT)		GZ-04 (3-5FT)		GZ-06 (2.5-4.5FT)		GZ-11 (0-2FT)		GZ-12 (2.5-4.5FT)		GZ-14 (2.5-4.5FT)		GZ-15 (3-5FT)	
LAB SAMPLE ID				L2563358-02		L2563358-18 R1		L2562994-02		L2562994-08		L2563358-06		L2563358-10		L2562994-11	
SAMPLING DATE				10/7/2025		10/8/2025		10/6/2025		10/6/2025		10/7/2025		10/7/2025		10/6/2025	
SAMPLE TYPE				Soil		Soil		Soil		Soil		Soil		Soil		Soil	
				Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PFAS/PFOA by EPA 1633 (mg/kg)																	
11CL-PF3OUdS	-	-	-	0.000804	U	0.00081	U	0.000809	U	0.000806	U	0.00081	U	0.000803	U	0.000812	U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	-	-	-	0.000804	U	0.00081	U	0.000809	U	0.000806	U	0.00081	U	0.000803	U	0.000812	U
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	-	-	-	0.000804	U	0.00081	U	0.000809	U	0.000806	U	0.00081	U	0.000803	U	0.000812	U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	-	-	-	0.000804	U	0.00081	U	0.000809	U	0.000806	U	0.00081	U	0.000803	U	0.000812	U
3-Perfluoroheptyl propanoic acid (FHpPA)	-	-	-	0.00502	U	0.00506	U	0.00506	U	0.00504	U	0.00507	U	0.00502	U	0.00508	U
3-Perfluoropentyl propanoic acid (FPePA)	-	-	-	0.00502	U	0.00506	U	0.00506	U	0.00504	U	0.00507	U	0.00502	U	0.00508	U
3-Perfluoropropyl propanoic acid (FPrPA)	-	-	-	0.001	U	0.00101	U	0.00101	U	0.00101	U	0.00101	U	0.001	U	0.00102	U
9CL-PF3ONS	-	-	-	0.000804	U	0.00081	U	0.000809	U	0.000806	U	0.00081	U	0.000803	U	0.000812	U
ADONA	-	-	-	0.000804	U	0.00081	U	0.000809	U	0.000806	U	0.00081	U	0.000803	U	0.000812	U
HFPO-DA (Gen-X)	-	-	-	0.000804	U	0.00081	U	0.000809	U	0.000806	U	0.00081	U	0.000803	U	0.000812	U
N-EtFOSA	-	-	-	0.000201	U	0.000202	U	0.000202	U	0.000202	U	0.000203	U	0.000201	U	0.000203	U
N-EtFOSAA	-	-	-	0.00201	U	0.00202	U	0.00202	U	0.00202	U	0.00203	U	0.00201	U	0.00203	U
N-EtFOSE	-	-	-	0.000201	U	0.000202	U	0.000202	U	0.000202	U	0.000203	U	0.000201	U	0.000203	U
N-MeFOSA	-	-	-	0.000201	U	0.000202	U	0.000202	U	0.000202	U	0.000203	U	0.000201	U	0.000203	U
N-MeFOSAA	-	-	-	0.00201	U	0.00202	U	0.00202	U	0.00202	U	0.00203	U	0.00201	U	0.00203	U
N-MeFOSE	-	-	-	0.000201	U	0.000202	U	0.000202	U	0.000202	U	0.000203	U	0.000201	U	0.000203	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	0.000402	U	0.000405	U	0.000405	U	0.000403	U	0.000405	U	0.000402	U	0.000406	U
Perfluoro-1-decanesulfonic acid (PFDS)	-	-	-	0.000402	U	0.000405	U	0.000405	U	0.000403	U	0.000405	U	0.000402	U	0.000406	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	-	-	-	0.000402	U	0.000405	U	0.000405	U	0.000403	U	0.000405	U	0.000402	U	0.000406	U
Perfluoro-1-nonanesulfonic acid (PFNS)	-	-	-	0.000402	U	0.000405	U	0.000405	U	0.000403	U	0.000405	U	0.000402	U	0.000406	U
Perfluoro-1-octanesulfonamide (FOSA)	-	-	-	0.000201	U	0.000202	U	0.000202	U	0.000202	U	0.000203	U	0.000201	U	0.000203	U
Perfluoro-1-pentanesulfonate (PFPeS)	-	-	-	0.000804	U	0.00081	U	0.000809	U	0.000806	U	0.00081	U	0.000803	U	0.000812	U
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	0.000201	U	0.000202	U	0.000202	U	0.000202	U	0.000203	U	0.000201	U	0.000203	U
Perfluoro-4-oxapentanoic acid (PFMPA)	-	-	-	0.000118	J	0.000091	J	0.000202	U	0.000202	U	0.000203	U	0.000201	U	0.000057	J
Perfluoro-5-oxahexanoic acid (PFMBA)	-	-	-	0.000201	U	0.000202	U	0.000202	U	0.000202	U	0.000203	U	0.000201	U	0.000203	U
Perfluorobutanesulfonic acid (PFBS)	-	-	-	0.000118	J	0.000202	U	0.000202	U	0.000202	U	0.000203	U	0.000201	U	0.000203	U
Perfluorodecanoic acid (PFDA)	-	-	-	0.000201	U	0.000202	U	0.000202	U	0.000202	U	0.000203	U	0.000201	U	0.000203	U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	0.000112	J	0.000202	U	0.000202	U	0.000202	U	0.000203	U	0.000201	U	0.000203	U
Perfluorododecanoic acid (PFDoA)	-	-	-	0.000062	J	0.000097	J	0.000202	U	0.000067	J	0.000203	U	0.000048	J	0.000051	J
Perfluoroheptanoic acid (PFHpA)	-	-	-	0.00008	JF	0.000057	J	0.000202	U	0.000202	U	0.000203	U	0.000201	U	0.000203	U
Perfluorohexanesulfonic acid (PFHxS)	-	-	-	0.000201	U	0.000202	U	0.000202	U	0.000202	U	0.000203	U	0.000201	U	0.000203	U
Perfluorohexanoic acid (PFHxA)	-	-	-	0.000068	J	0.000055	J	0.000202	U	0.000202	U	0.000203	U	0.000201	U	0.000051	J
Perfluoro-n-butanoic acid (PFBA)	-	-	-	0.000201	U	0.000202	U	0.000202	U	0.000202	U	0.000203	U	0.000201	U	0.000203	U
Perfluorononanoic acid (PFNA)	-	-	-	0.000494		0.000757		0.000295		0.000095	J	0.000336		0.000339		0.000288	
Perfluorooctanesulfonic acid (PFOS)	0.00088	0.0088	0.0008	0.000227		0.000138	J	0.000202	U	0.000109	J	0.000091	J	0.000074	J	0.000203	U
Perfluorooctanoic acid (PFOA)	0.00066	0.0066	0.001	0.000201	U	0.000202	U	0.000202	U	0.000202	U	0.000203	U	0.000201	U	0.000203	U
Perfluoropentanoic acid (PFPeA)	-	-	-	0.000074	J	0.000047	J	0.000405	U	0.000403	U	0.000405	U	0.000402	U	0.000406	U
Perfluorotetradecanoic acid (PFTA)	-	-	-	0.000201	U	0.000202	U	0.000202	U	0.000202	U	0.000203	U	0.000201	U	0.000203	U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.000201	U	0.000202	U	0.000202	U	0.000202	U	0.000203	U	0.000201	U	0.000203	U
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.000201	U	0.000202	U	0.000202	U	0.000202	U	0.000203	U	0.000201	U	0.000203	U

TABLE NOTES:

U : Not detected at the reported detection limit for the sample.

NT: Indicates the analyte was not a target for this sample

mg/kg: Milligrams per Kilogram.

~ : No Standards or Guidance Value.

Table 8 - Volatile Organic Compounds in Groundwater
Phase II Environmental Site Investigation

Ocean Bay Redevelopment
53-05 Beach Channel Drive and 360 Beach 54 Street
Edgemere, New York 11691

LOCATION	NYSDEC TOGS 1.1.1 AWQS and Guidance Values - Class GA	2016-MW-01		2016-MW-02		2016-MW-03		2016-MW-04		2016-MW-05	
LAB SAMPLE ID		L2565423-09		L2565423-10		L2565423-11		L2565423-12		L2565423-13	
SAMPLING DATE		10/15/2025		10/15/2025		10/15/2025		10/15/2025		10/15/2025	
SAMPLE TYPE		Water		Water		Water		Water		Water	
		Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatile Organics by EPA 8260 (ug/L)											
1,1,1,2-Tetrachloroethane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,1,1-Trichloroethane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,1,2,2-Tetrachloroethane	5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloroethane	1	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U
1,1-Dichloroethane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,1-Dichloroethene	5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloropropene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2,3-Trichlorobenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2,3-Trichloropropane	0.04	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4,5-Tetramethylbenzene	5	2	U	2	U	2	U	**33**		2	U
1,2,4-Trichlorobenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4-Trimethylbenzene	5	2.5	U	2.5	U	2.5	U	**110**		2.5	U
1,2-Dibromo-3-chloropropane	0.04	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromoethane	0.0006	2	U	2	U	2	U	2	U	2	U
1,2-Dichlorobenzene	3	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethane	0.6	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloroethene, Total	-	2.5	U	2.5	U	2.5	U	2.5	U	14	J
1,2-Dichloropropane	1	1	U	1	U	1	U	1	U	1	U
1,3,5-Trimethylbenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,3-Dichlorobenzene	3	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,3-Dichloropropane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,3-Dichloropropene, Total	-	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,4-Dichlorobenzene	3	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dioxane	0.35	250	U	250	U	250	U	250	U	250	U
2,2-Dichloropropane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
2-Butanone	50	5	U	5	U	5	U	5	U	5	U
2-Hexanone	50	5	U	5	U	5	U	5	U	5	U
4-Methyl-2-pentanone	-	5	U	5	U	5	U	5	U	5	U
Acetone	50	1.8	J	1.7	J	5	U	5	U	5	U
Acrylonitrile	5	**5**	U	**5**	U	**5**	U	**5**	U	**5**	U
Benzene	1	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromobenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Bromochloromethane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Bromodichloromethane	50	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromoform	50	2	U	2	U	2	U	2	U	2	U
Bromomethane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Carbon disulfide	60	5	U	5	U	5	U	5	U	5	U
Carbon tetrachloride	5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chlorobenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Chloroethane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Chloroform	7	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Chloromethane	-	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
cis-1,2-Dichloroethene	5	2.5	U	2.5	U	2.5	U	2.5	U	**13**	
cis-1,3-Dichloropropene	0.4	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Dibromochloromethane	50	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Dibromomethane	5	5	U	5	U	5	U	5	U	5	U
Dichlorodifluoromethane	5	5	U	5	U	5	U	5	U	5	U
Ethyl ether	-	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Ethylbenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Hexachlorobutadiene	0.5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Isopropylbenzene	5	2.5	U	2.5	U	2.5	U	**37**		2.5	U
Methyl tert butyl ether	10	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Methylene chloride	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
n-Butylbenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
n-Propylbenzene	5	2.5	U	2.5	U	2.5	U	4.2		2.5	U
Naphthalene	10	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
o-Chlorotoluene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
o-Xylene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
p-Chlorotoluene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
p-Diethylbenzene	-	2	U	2	U	2	U	4.1		2	U
p-Ethyltoluene	-	2	U	2	U	2	U	13		2	U
p-Isopropyltoluene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
p/m-Xylene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
sec-Butylbenzene	5	2.5	U	2.5	U	2.5	U	4.4		2.5	U
Styrene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
tert-Butylbenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Tetrachloroethene	5	1.2		0.5	U	0.5	U	0.22	J	0.5	U
Toluene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
trans-1,2-Dichloroethene	5	2.5	U	2.5	U	2.5	U	2.5	U	1.1	J
trans-1,3-Dichloropropene	0.4	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
trans-1,4-Dichloro-2-butene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Trichloroethene	5	0.5	U	0.5	U	0.5	U	0.25	J	1.3	
Trichlorofluoromethane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Vinyl acetate	-	5	U	5	U	5	U	5	U	5	U
Vinyl chloride	2	1	U	1	U	1	U	1	U	1.1	
Xylenes, Total	-	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U

TABLE NOTES:

Analyte exceeds the New York State Department of Environmental Conservation (NYSDEC) Technical Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards (AWQS) and Guidance Values

U : Not detected at the reported detection limit for the sample.

J: Analyte detected at or above the method detection limit but below the reporting limit.

ug/L: Micrograms per Liter.

- : No Standards or Guidance Value.

Table 8 - Volatile Organic Compounds in Groundwater
Phase II Environmental Site Investigation

Ocean Bay Redevelopment
53-05 Beach Channel Drive and 360 Beach 54 Street
Edgemere, New York 11691

LOCATION	NYSDEC TOGS 1.1.1 AWQS and Guidance Values - Class GA	2025-GMW-01		2025-GMW-02		2025-GMW-03		2025-GMW-04		2025-GMW-05		2025-GMW-06		2025-GMW-07		Duplicate-2025-10-15	
LAB SAMPLE ID		L2565423-01		L2565423-02		L2565423-03		L2565423-04		L2565423-05		L2565423-06		L2565423-07		L2565423-08	
SAMPLING DATE		10/15/2025		10/15/2025		10/15/2025		10/15/2025		10/15/2025		10/15/2025		10/15/2025		10/15/2025	
SAMPLE TYPE		Water		Water		Water		Water		Water		Water		Water		Water	
		Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Volatile Organics by EPA 8260 (ug/L)																	
1,1,1,2-Tetrachloroethane	5	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	5	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	5	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	1	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	5	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	5	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	5	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	5	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	0.04	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	5	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
1,2,4-Trichlorobenzene	5	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	5	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	0.04	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	0.0006	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
1,2-Dichlorobenzene	3	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	0.6	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-Dichloroethene, Total	-	18	J	17		23	J	1.4	J	3.5		2.5	U	2.5	U	2.5	U
1,2-Dichloropropane	1	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,3,5-Trimethylbenzene	5	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	3	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	5	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-Dichloropropene, Total	-	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	3	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-Dioxane	0.35	250	U	250	U	250	U	250	U	250	U	250	U	250	U	250	U
2,2-Dichloropropane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
2-Butanone	50	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-Hexanone	50	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-Methyl-2-pentanone	-	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Acetone	50	2.9	J	5	U	5	U	5	U	5	U	2.6	J	1.9	J	2.5	J
Acrylonitrile	5	**5**	U	**5**	U	**5**	U	**5**	U	**5**	U	**5**	U	**5**	U	**5**	U
Benzene	1	0.24	J	0.29	J	0.5	U	0.5	U	0.5	U	0.5	U	0.51		0.5	
Bromobenzene	5	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	5	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	50	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	50	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Bromomethane	5	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	60	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Carbon tetrachloride	5	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	5	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	5	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	7	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	-	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	5	**17**		**17**		**22**		1.4	J	3.5		2.5	U	2.5	U	2.5	U
cis-1,3-Dichloropropene	0.4	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Dibromochloromethane	50	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	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Dichlorodifluoromethane	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Ethyl ether	-	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	5	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	0.5	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	5	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 tert butyl ether	10	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Methylene chloride	5	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	5	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	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Naphthalene	10	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	8.6		0.93	J	0.86	J
o-Chlorotoluene	5	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	5	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-Chlorotoluene	5	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-Diethylbenzene	-	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
p-Ethyltoluene	-	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
p-Isopropyltoluene	5	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/m-Xylene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
sec-Butylbenzene	5	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	5	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-Butylbenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Tetrachloroethene	5	1.3		0.45	J	**5.1**		**10**		**7.3**		0.5	U	0.5	U	0.5	U
Toluene	5	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-1,2-Dichloroethene	5	1.4	J	2.5	U	0.77	J	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
trans-1,3-Dichloropropene	0.4	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	5	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	5	3		1.2		1.6		0.9		1		0.5	U	0.5	U	0.5	U
Trichlorofluoromethane	5	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	-	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Vinyl chloride	2	1.2		**2**		0.13	J	1	U	1	U	1	U	1	U	1	U
Xylenes, Total	-	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U

TABLE NOTES:

Analyte exceeds the New York State Department of Environmental Conservation (NYSDEC) Technical Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards (AWQS) and Guidance Values

U : Not detected at the reported detection limit for the sample.

J: Analyte detected at or above the method detection limit but below the reporting limit.

ug/L: Micrograms per Liter.

- : No Standards or Guidance Value.

Table 9 - Semi-Volatile Organic Compounds in Groundwater
Phase II Environmental Site Investigation

Ocean Bay Redevelopment
53-05 Beach Channel Drive and 360 Beach 54 Street
Edgemere, New York 11691

LOCATION	NYSDEC TOGS 1.1.1 AWQS and Guidance Values - Class GA	2016-MW-01		2016-MW-02		2016-MW-03		2016-MW-04		2016-MW-05	
LAB SAMPLE ID		L2565423-09		L2565423-10		L2565423-11		L2565423-12		L2565423-13	
SAMPLING DATE		10/15/2025		10/15/2025		10/15/2025		10/15/2025		10/15/2025	
SAMPLE TYPE		Water		Water		Water		Water		Water	
		Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Semi-Volatile Organics by EPA 8270 (ug/L)											
1,2,4,5-Tetrachlorobenzene	5	10	U	10	U	10	U	10	U	10	U
1,2,4-Trichlorobenzene	5	5	U	5	U	5	U	5	U	5	U
1,2-Dichlorobenzene	3	2	U	2	U	2	U	2	U	2	U
1,3-Dichlorobenzene	3	2	U	2	U	2	U	2	U	2	U
1,4-Dichlorobenzene	3	2	U	2	U	2	U	2	U	2	U
2,4,5-Trichlorophenol	-	5	U	5	U	5	U	5	U	5	U
2,4,6-Trichlorophenol	-	5	U	5	U	5	U	5	U	5	U
2,4-Dichlorophenol	1	5	U	5	U	5	U	5	U	5	U
2,4-Dimethylphenol	50	5	U	5	U	5	U	5	U	5	U
2,4-Dinitrophenol	10	20	U	20	U	20	U	20	U	20	U
2,4-Dinitrotoluene	5	5	U	5	U	5	U	5	U	5	U
2,6-Dinitrotoluene	5	5	U	5	U	5	U	5	U	5	U
2-Chlorophenol	-	2	U	2	U	2	U	2	U	2	U
2-Methylphenol	-	5	U	5	U	5	U	5	U	5	U
2-Nitroaniline	5	5	U	5	U	5	U	5	U	5	U
2-Nitrophenol	-	10	U	10	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine	5	5	U	5	U	5	U	5	U	5	U
3-Methylphenol/4-Methylphenol	-	5	U	5	U	5	U	5	U	5	U
3-Nitroaniline	5	5	U	5	U	5	U	5	U	5	U
4,6-Dinitro-o-cresol	-	10	U	10	U	10	U	10	U	10	U
4-Bromophenyl phenyl ether	-	2	U	2	U	2	U	2	U	2	U
4-Chloroaniline	5	5	U	5	U	5	U	5	U	5	U
4-Chlorophenyl phenyl ether	-	2	U	2	U	2	U	2	U	2	U
4-Nitroaniline	5	5	U	5	U	5	U	5	U	5	U
4-Nitrophenol	-	10	U	10	U	10	U	10	U	10	U
Acetophenone	-	5	U	5	U	5	U	5	U	5	U
Benzoic Acid	-	50	U	50	U	50	U	50	U	50	U
Benzyl Alcohol	-	2	U	2	U	2	U	2	U	2	U
Biphenyl	-	2	U	2	U	2	U	2	U	2	U
Bis(2-chloroethoxy)methane	5	5	U	5	U	5	U	5	U	5	U
Bis(2-chloroethyl)ether	1	2	U	2	U	2	U	2	U	2	U
Bis(2-chloroisopropyl)ether	5	2	U	2	U	2	U	2	U	2	U
Bis(2-ethylhexyl)phthalate	5	1.9	J	1.6	J	1.9	J	1.8	J	3	U
Butyl benzyl phthalate	50	5	U	5	U	5	U	5	U	5	U
Carbazole	-	2	U	2	U	2	U	2	U	2	U
Di-n-butylphthalate	50	2.2	J	1.1	J	1.8	J	1.8	J	1.2	J
Di-n-octylphthalate	50	5	U	5	U	5	U	5	U	5	U
Dibenzofuran	-	2	U	2	U	2	U	2	U	2	U
Diethyl phthalate	50	5	U	5	U	5	U	5	U	5	U
Dimethyl phthalate	50	5	U	5	U	5	U	5	U	5	U
Hexachlorocyclopentadiene	5	20	U	20	U	20	U	20	U	20	U
Isophorone	50	5	U	5	U	5	U	5	U	5	U
n-Nitrosodi-n-propylamine	-	5	U	5	U	5	U	5	U	5	U
NDPA/DPA	50	2	U	2	U	2	U	2	U	2	U
Nitrobenzene	0.4	2	U	2	U	2	U	2	U	2	U
p-Chloro-m-cresol	-	2	U	2	U	2	U	2	U	2	U
Phenol	1	5	U	5	U	5	U	5	U	5	U
Semi-Volatile Organics by EPA 8270 SIM (ug/L)											
1,4-Dioxane	0.35	250	U	250	U	250	U	250	U	250	U
2-Chloronaphthalene	10	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
2-Methylnaphthalene	-	0.1	U	0.1	U	0.1	U	0.26		0.1	U
Acenaphthene	20	0.1	U	0.7		0.03	J	0.23		1.7	
Acenaphthylene	-	0.1	U	0.1	U	0.1	U	0.04	J	0.1	U
Anthracene	50	0.04	J	0.05	J	0.1	U	0.04	J	0.18	
Benzo(a)anthracene	0.002	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Benzo(a)pyrene	0	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Benzo(b)fluoranthene	0.002	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Benzo(ghi)perylene	-	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Benzo(k)fluoranthene	0.002	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Chrysene	0.002	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Dibenzo(a,h)anthracene	-	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Fluoranthene	50	0.1	U	0.1		0.1	U	0.1	U	0.84	
Fluorene	50	0.1	U	0.04	J	0.1	U	0.07	J	0.37	
Hexachlorobenzene	0.04	0.02	J	0.01	J	0.8	U	0.8	U	0.8	U
Hexachlorobutadiene	0.5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Hexachloroethane	5	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Indeno(1,2,3-cd)pyrene	0.002	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Naphthalene	10	0.1	U	0.03	J	0.06	J	0.43		0.1	U
Pentachlorophenol	1	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Phenanthrene	50	0.1	U	0.1	U	0.1	U	0.07	J	0.21	
Pyrene	50	0.1	U	0.1		0.1	U	0.1	U	0.44	

TABLE NOTES:

Analyte exceeds the New York State Department of Environmental Conservation (NYSDEC) Technical Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards (AWQS) and Guidance Values

U : Not detected at the reported detection limit for the sample.
D: Result is from an analysis that required a dilution
ug/L: Micrograms per Liter.
- : No Standards or Guidance Value.

Table 9 - Semi-Volatile Organic Compounds in Groundwater
Phase II Environmental Site Investigation

Ocean Bay Redevelopment
53-05 Beach Channel Drive and 360 Beach 54 Street
Edgemere, New York 11691

LOCATION	NYSDEC TOGS 1.1.1 AWQS and Guidance Values Class GA	2025-GMW-01		2025-GMW-02		2025-GMW-03		2025-GMW-04		2025-GMW-05		2025-GMW-06		2025-GMW-07		Duplicate-2025-10-15	
LAB SAMPLE ID		L2565423-01		L2565423-02		L2565423-03		L2565423-04		L2565423-05		L2565423-06		L2565423-07		L2565423-08	
SAMPLING DATE		10/15/2025		10/15/2025		10/15/2025		10/15/2025		10/15/2025		10/15/2025		10/15/2025		10/15/2025	
SAMPLE TYPE		Water		Water		Water		Water		Water		Water		Water		Water	
		Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Semi-Volatile Organics by EPA 8270 (ug/L)																	
1,2,4,5-Tetrachlorobenzene	5	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
1,2,4-Trichlorobenzene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2-Dichlorobenzene	3	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
1,3-Dichlorobenzene	3	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
1,4-Dichlorobenzene	3	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
2,4,5-Trichlorophenol	-	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,4,6-Trichlorophenol	-	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,4-Dichlorophenol	1	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,4-Dimethylphenol	50	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,4-Dinitrophenol	10	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U
2,4-Dinitrotoluene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,6-Dinitrotoluene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-Chlorophenol	-	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
2-Methylphenol	-	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-Nitroaniline	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-Nitrophenol	-	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
3-Methylphenol/4-Methylphenol	-	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
3-Nitroaniline	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4,6-Dinitro-o-cresol	-	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
4-Bromophenyl phenyl ether	-	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
4-Chloroaniline	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-Chlorophenyl phenyl ether	-	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
4-Nitroaniline	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-Nitrophenol	-	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Acetophenone	-	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Benzoic Acid	-	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U
Benzyl Alcohol	-	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Biphenyl	-	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Bis(2-chloroethoxy)methane	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Bis(2-chloroethyl)ether	1	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Bis(2-chloroisopropyl)ether	5	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Bis(2-ethylhexyl)phthalate	5	1.6	J	3	U	1.6	J	1.8	J	1.7	J	1.7	J	3	U	3	U
Butyl benzyl phthalate	50	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Carbazole	-	0.52	J	2	U	2	U	2	U	0.88	J	2	U	2	U	2	U
Di-n-butylphthalate	50	5	U	5	U	5	U	1.6	J	5	U	1.2	J	5	U	1	J
Di-n-octylphthalate	50	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Dibenzofuran	-	1.1	J	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Diethyl phthalate	50	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Dimethyl phthalate	50	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Hexachlorocyclopentadiene	5	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U
Isophorone	50	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
n-Nitrosodi-n-propylamine	-	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
NDPA/DPA	50	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Nitrobenzene	0.4	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
p-Chloro-m-cresol	-	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Phenol	1	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Semi-Volatile Organics by EPA 8270 SIM (ug/L)																	
1,4-Dioxane	0.35	250	U	250	U	250	U	250	U	250	U	250	U	250	U	250	U
2-Chloronaphthalene	10	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-Methylnaphthalene	-	0.1	U	0.1	U	0.07	J	0.24		0.1	U	0.09	J	0.09	J	0.08	J
Acenaphthene	20	16		3.6		0.21		0.19		2.4		13		2.7		2.5	
Acenaphthylene	-	0.05	J	0.1	U	0.1	U	0.07	J	0.1	U	0.1	U	0.1	U	0.1	U
Anthracene	50	0.19		0.1	U	0.1	U	0.05	J	0.1	U	0.1	U	0.04	J	0.04	J
Benzo(a)anthracene	0.002	**0.04**	**J**	0.1	U	**0.06**	**J**	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Benzo(a)pyrene	0	0.1	U	0.1	U	**0.05**	**J**	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Benzo(b)fluoranthene	0.002	0.1	U	0.1	U	**0.07**	**J**	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Benzo(ghi)perylene	-	0.1	U	0.1	U	0.03	J	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Benzo(k)fluoranthene	0.002	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	0.002	0.1	U	0.1	U	**0.05**	**J**	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Dibenzo(a,h)anthracene	-	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Fluoranthene	50	0.77		0.1	U	0.23		0.07	J	0.07	J	0.1	U	0.07	J	0.06	J
Fluorene	50	0.36		0.1	U	0.11		0.32		0.08	J	0.1	U	0.07	J	0.07	J
Hexachlorobenzene	0.04	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	0.5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Hexachloroethane	5	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	0.002	0.1	U	0.1	U	**0.03**	**J**	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Naphthalene	10	0.25		0.1	U	0.14		0.21		0.07	J	6.3		0.57		0.51	
Pentachlorophenol	1	0.11	J	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Phenanthrene	50	0.35		0.1	U	0.38		0.49		0.1	U	0.1	U	0.1	U	0.1	U
Pyrene	50	0.45		0.1	U	0.28		0.08	J	0.05	J	0.1	U	0.1	U	0.1	U

TABLE NOTES:

Analyte exceeds the New York State Department of Environmental Conservation (NYSDEC) Technical Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards (AWQS) and Guidance Values

U : Not detected at the reported detection limit for the sample.
D: Result is from an analysis that required a dilution
ug/L: Micrograms per Liter.
- : No Standards or Guidance Value.

Table 10 - Total and Dissolved Metals in Groundwater
Phase II Environmental Site Investigation

Ocean Bay Redevelopment
53-05 Beach Channel Drive and 360 Beach 54 Street
Edgemere, NY 11691

LOCATION	NYSDEC TOGS 1.1.1 AWQS and Guidance Values - Class GA	2016-MW-01		2016-MW-02		2016-MW-03		2016-MW-04		2016-MW-05	
LAB SAMPLE ID		L2565423-09		L2565423-10		L2565423-11		L2565423-12		L2565423-13	
SAMPLING DATE		10/15/2025		10/15/2025		10/15/2025		10/15/2025		10/15/2025	
SAMPLE TYPE		Water		Water		Water		Water		Water	
		Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals, Target Analyte, ICP (ug/L)											
Aluminum, Total	-	100	U	100	U	137		100	U	40.5	J
Antimony, Total	3	40	U	40	U	40	U	40	U	40	U
Arsenic, Total	25	2.53	J	5	U	2.82	J	6.49		1.65	J
Barium, Total	1000	73.48		15.85		106.1		109.6		216	
Beryllium, Total	3	5	U	5	U	5	U	5	U	5	U
Cadmium, Total	5	1.4	J	2	U	0.79	J	2	U	2	U
Calcium, Total	-	312,000		140,000		320,000		297,000		237,000	
Chromium, Total	50	10	U	10	U	2.63	J	10	U	**94.13**	
Cobalt, Total	-	17.55		5	U	5	U	5	U	5	U
Copper, Total	200	4.12	J	10	U	5.77	J	10	U	10	U
Iron, Total	300	**1,200**		500	U	218	J	500	U	**4,330**	
Lead, Total	25	10	U	10	U	10	U	10	U	10	U
Magnesium, Total	35000	**813,000**		**154,000**		**878,000**		**818,000**		**274,000**	
Manganese, Total	300	205.3		96.56		8.14	J	27.33		91.64	
Mercury, Total	0.7	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Nickel, Total	100	17.37	J	60	U	5.64	J	60	U	9.7	J
Potassium, Total	-	266,000		56,000		286,000		269,000		64,300	
Selenium, Total	10	50	U	50	U	50	U	50	U	50	U
Silver, Total	50	4	U	4	U	4	U	4	U	4	U
Sodium, Total	20000	**7,390,000**		**1,380,000**		**8,350,000**		**7,100,000**		**2,580,000**	
Thallium, Total	0.5	10	U	10	U	10	U	10	U	10	U
Vanadium, Total	-	50	U	50	U	50	U	50	U	50	U
Zinc, Total	2000	349.7		100	U	58.96	J	100	U	100	U
Metals, Target Analyte, ICP Dissolved (ug/L)											
Aluminum, Dissolved	-	100	U	6.78	J	100	U	100	U	100	U
Antimony, Dissolved	3	40	U	4	U	40	U	40	U	40	U
Arsenic, Dissolved	25	2	J	0.24	J	2.91	J	5.82		5	U
Barium, Dissolved	1000	63.17		15.2		105.6		110.8		220.6	
Beryllium, Dissolved	3	5	U	0.5	U	5	U	5	U	5	U
Cadmium, Dissolved	5	2	U	0.2	U	2	U	2	U	2	U
Calcium, Dissolved	-	290,000		127,000		304,000		299,000		238,000	
Chromium, Dissolved	50	10	U	0.48	J	1.83	J	10	U	**61.57**	
Cobalt, Dissolved	-	6.51		0.5	U	5	U	5	U	5	U
Copper, Dissolved	200	10	U	1	U	10	U	10	U	10	U
Iron, Dissolved	300	**534**		28.5	J	500	U	500	U	235	J
Lead, Dissolved	25	10	U	1	U	10	U	10	U	10	U
Magnesium, Dissolved	35000	**788,000**		**144,000**		**900,000**		**797,000**		**303,000**	
Manganese, Dissolved	300	194.5		96.25		7.51	J	27.63		96.67	
Mercury, Dissolved	0.7	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Nickel, Dissolved	100	11.01	J	2	U	20	U	20	U	20	U
Potassium, Dissolved	-	234,000		51,000		261,000		256,000		62,600	
Selenium, Dissolved	10	50	U	5	U	50	U	50	U	50	U
Silver, Dissolved	50	4	U	0.4	U	4	U	4	U	4	U
Sodium, Dissolved	20000	**6,570,000**		**1,220,000**		**7,020,000**		**6,680,000**		**2,400,000**	
Thallium, Dissolved	0.5	10	U	1	U	10	U	10	U	10	U
Vanadium, Dissolved	-	50	U	5	U	50	U	50	U	50	U
Zinc, Dissolved	2000	100	U	10	U	100	U	100	U	100	U

TABLE NOTES:

Analyte exceeds the New York State Department of Environmental Conservation (NYSDEC) Technical Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards (AWQS) and Guidance Values

U : Not detected at the reported detection limit for the sample.
ug/L: Micrograms per Liter.
~ : No Standards or Guidance Value.

Table 10 - Total and Dissolved Metals in Groundwater
Phase II Environmental Site Investigation

Ocean Bay Redevelopment
53-05 Beach Channel Drive and 360 Beach 54 Street
Edgemere, NY 11691

LOCATION	NYSDEC TOGS 1.1.1 AWQS and Guidance Values - Class GA	2025-GMW-01		2025-GMW-02		2025-GMW-03		2025-GMW-04		2025-GMW-05		2025-GMW-06		2025-GMW-07		Duplicate-2025-10-15	
LAB SAMPLE ID		L2565423-01		L2565423-02		L2565423-03		L2565423-04		L2565423-05		L2565423-06		L2565423-07		L2565423-08	
SAMPLING DATE		10/15/2025		10/15/2025		10/15/2025		10/15/2025		10/15/2025		10/15/2025		10/15/2025		10/15/2025	
SAMPLE TYPE		Water		Water		Water		Water		Water		Water		Water		Water	
		Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Metals, Target Analyte, ICP (ug/L)																	
Aluminum, Total	-	11.1		752		22.7		100	U	110		210		72.6	J	61.6	J
Antimony, Total	3	4	U	0.6	J	4	U	40	U	40	U	0.49	J	40	U	40	U
Arsenic, Total	25	1.64		1.1		3.08		5	U	1.94	J	19.78		2	J	1.92	J
Barium, Total	1000	39.45		55.84		193.1		246.6		192.3		12.16		37.94		35.22	
Beryllium, Total	3	0.5	U	0.5	U	0.5	U	5	U	5	U	0.12	J	5	U	5	U
Cadmium, Total	5	0.2	U	0.2	U	0.06	J	1.28	J	2	U	0.2	U	2	U	2	U
Calcium, Total	-	185,000		237,000		250,000		323,000		323,000		65,300		49,800		48,700	
Chromium, Total	50	3.65		8.41		0.64	J	10	U	10	U	4.46		1.9	J	2.09	J
Cobalt, Total	-	0.5	U	0.82		1.48		2	J	5	U	0.48	J	5	U	5	U
Copper, Total	200	1	U	4.68		0.89	J	10	U	10	U	1.39		10	U	10	U
Iron, Total	300	**832**		**4,590**		**5,900**		**623**		**719**		**48,500**		**10,400**		**10,300**	
Lead, Total	25	1	U	10.08		1.42		10	U	10	U	0.69	J	10	U	10	U
Magnesium, Total	35000	**64,400**		**36,600**		**251,000**		**582,000**		**622,000**		**35,400**		26,400		24,000	
Manganese, Total	300	**359.3**		158.5		83.56		118.6		90.54		**438.7**		205		194.3	
Mercury, Total	0.7	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Nickel, Total	100	6	U	2.78	J	1.63	J	6.36	J	60	U	1.6	J	60	U	60	U
Potassium, Total	-	22,300		22,000		79,800		179,000		189,000		19,500		14,100		12,700	
Selenium, Total	10	5	U	5	U	5	U	50	U	50	U	5	U	50	U	50	U
Silver, Total	50	0.4	U	0.4	U	0.4	U	4	U	4	U	0.4	U	4	U	4	U
Sodium, Total	20000	**438,000**		**225,000**		**2,280,000**		**5,330,000**		**6,100,000**		**283,000**		**211,000**		**185,000**	
Thallium, Total	0.5	0.16	J	1	U	1	U	10	U	10	U	1	U	10	U	10	U
Vanadium, Total	-	2.98	J	5.22		5	U	50	U	50	U	5.05		50	U	50	U
Zinc, Total	2000	10	U	15.25		28.8		100	U	100	U	6	J	100	U	100	U
Metals, Target Analyte, ICP Dissolved (ug/L)																	
Aluminum, Dissolved	-	6.46	J	3.39	J	100	U	100	U	100	U	9.55	J	25		38.4	
Antimony, Dissolved	3	4	U	0.48	J	40	U	40	U	40	U	4	U	4	U	4	U
Arsenic, Dissolved	25	1.85		0.38	J	2.19	J	5	U	5	U	11.8		0.82		0.96	
Barium, Dissolved	1000	39.46		46.85		180.7		252.9		180.7		10.57		35.17		34.65	
Beryllium, Dissolved	3	0.5	U	0.5	U	5	U	5	U	5	U	0.5	U	0.13	J	0.14	J
Cadmium, Dissolved	5	0.2	U	0.2	U	2	U	2	U	2	U	0.2	U	0.2	U	0.2	U
Calcium, Dissolved	-	180,000		237,000		214,000		315,000		304,000		64,400		46,300		46,000	
Chromium, Dissolved	50	3.72		0.85	J	10	U	10	U	10	U	2.45		1.27		1.54	
Cobalt, Dissolved	-	0.5	U	0.16	J	5	U	1.79	J	5	U	0.33	J	0.28	J	0.3	J
Copper, Dissolved	200	1	U	1	U	10	U	10	U	10	U	1	U	1	U	1	U
Iron, Dissolved	300	112		**860**		**5110**		**562**		**464**	**J**	**51,500**		**9,520**		**9,720**	
Lead, Dissolved	25	1	U	1	U	10	U	10	U	10	U	1	U	1	U	1	U
Magnesium, Dissolved	35000	**66,000**		**43,800**		**171,000**		**626,000**		**623,000**		**39,100**		24,500		23,300	
Manganese, Dissolved	300	**354.5**		125.7		136.8		124.4		87.9		**428.5**		197.4		189.6	
Mercury, Dissolved	0.7	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Nickel, Dissolved	100	2	U	2	U	20	U	20	U	20	U	0.8	J	2	U	2	U
Potassium, Dissolved	-	19,900		22,300		58,200		170,000		172,000		19,100		12,400		12,000	
Selenium, Dissolved	10	5	U	5	U	50	U	50	U	50	U	5	U	5	U	5	U
Silver, Dissolved	50	0.4	U	0.4	U	4	U	4	U	4	U	0.4	U	0.4	U	0.4	U
Sodium, Dissolved	20000	**421,000**		**267,000**		**1,580,000**		**4,830,000**		**5,270,000**		**264,000**		**183,000**		**178,000**	
Thallium, Dissolved	0.5	1	U	1	U	10	U	10	U	10	U	1	U	1	U	1	U
Vanadium, Dissolved	-	2.5	J	2.2	J	50	U	50	U	50	U	5	U	2.38	J	2.85	J
Zinc, Dissolved	2000	10	U	10	U	100	U	100	U	100	U	10	U	10	U	10	U

TABLE NOTES:

Analyte exceeds the New York State Department of Environmental Conservation (NYSDEC) Technical Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards (AWQS) and Guidance Values

U : Not detected at the reported detection limit for the sample.
ug/L: Micrograms per Liter.
~ : No Standards or Guidance Value.

Table 11- Pesticides, Herbicides, and PCBs in Groundwater
Phase II Environmental Site Investigation

Ocean Bay Redevelopment
53-05 Beach Channel Drive and 360 Beach 54 Street
Edgemere, NY 11691

LOCATION	NYSDEC TOGS 1.1.1 AWQS and Guidance Values - Class GA	2016-MW-01		2016-MW-02		2016-MW-03		2016-MW-04		2016-MW-05	
LAB SAMPLE ID		L2565423-09		L2565423-10		L2565423-11		L2565423-12		L2565423-13	
SAMPLING DATE		10/15/2025		10/15/2025		10/15/2025		10/15/2025		10/15/2025	
SAMPLE TYPE		Water		Water		Water		Water		Water	
		Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Pesticides by EPA 8081 (ug/L)											
4,4'-DDD	0.3	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U
4,4'-DDE	0.2	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U
4,4'-DDT	0.2	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U
Aldrin	0	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U
Alpha-BHC	0.01	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U
Beta-BHC	0.04	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
Chlordane	0.05	0.143	U	0.143	U	0.143	U	0.143	U	0.143	U
cis-Chlordane	-	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
Delta-BHC	0.04	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U
Dieldrin	0.004	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U
Endosulfan I	-	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U
Endosulfan II	-	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U
Endosulfan sulfate	-	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U
Endrin	0	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U
Endrin aldehyde	5	0.03	U	0.03	U	0.03	U	0.03	U	0.03	U
Endrin ketone	5	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U
Heptachlor	0.04	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U
Heptachlor epoxide	0.03	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U
Lindane	0.05	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U
Methoxychlor	35	0.143	U	0.143	U	0.143	U	0.143	U	0.143	U
Toxaphene	0.06	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
trans-Chlordane	-	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
Herbicides by EPA 8151 (ug/L)											
2,4,5-T	35	2	U	2	U	2	U	2	U	2	U
2,4,5-TP (Silvex)	-	2	U	2	U	2	U	2	U	2	U
2,4-D	50	10	U	10	U	10	U	10	U	10	U
PCBs by EPA 8082 (ug/L)											
Aroclor 1016	0.09	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U
Aroclor 1221	0.09	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U
Aroclor 1232	0.09	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U
Aroclor 1242	0.09	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U
Aroclor 1248	0.09	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U
Aroclor 1254	0.09	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U
Aroclor 1260	0.09	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U
Aroclor 1262	0.09	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U
Aroclor 1268	0.09	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U
PCBs, Total	-	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U

TABLE NOTES:

Analyte exceeds the New York State Department of Environmental Conservation (NYSDEC) Technical Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards (AWQS) and Guidance Values

U : Not detected at the reported detection limit for the sample.

J: Analyte detected at or above the method detection limit but below the reporting limit.

ug/L: Micrograms per Liter.

- : No Standards or Guidance Value.

Table 11- Pesticides, Herbicides, and PCBs in Groundwater
Phase II Environmental Site Investigation

Ocean Bay Redevelopment
53-05 Beach Channel Drive and 360 Beach 54 Street
Edgemere, NY 11691

LOCATION	NYSDEC TOGS 1.1.1 AWQS and Guidance Values - Class GA	2025-GMW-01		2025-GMW-02		2025-GMW-03		2025-GMW-04		2025-GMW-05		2025-GMW-06		2025-GMW-07		Duplicate-2025-10-15	
LAB SAMPLE ID		L2565423-01		L2565423-02		L2565423-03		L2565423-04		L2565423-05		L2565423-06		L2565423-07		L2565423-08	
SAMPLING DATE		10/15/2025		10/15/2025		10/15/2025		10/15/2025		10/15/2025		10/15/2025		10/15/2025		10/15/2025	
SAMPLE TYPE		Water		Water		Water		Water		Water		Water		Water		Water	
		Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Pesticides by EPA 8081 (ug/L)																	
4,4'-DDD	0.3	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U
4,4'-DDE	0.2	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U
4,4'-DDT	0.2	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U
Aldrin	0	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U
Alpha-BHC	0.01	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U
Beta-BHC	0.04	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
Chlordane	0.05	0.143	U	0.143	U	0.143	U	0.143	U	0.143	U	0.143	U	0.143	U	0.143	U
cis-Chlordane	-	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
Delta-BHC	0.04	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U
Dieldrin	0.004	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U
Endosulfan I	-	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U
Endosulfan II	-	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U
Endosulfan sulfate	-	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U
Endrin	0	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U
Endrin aldehyde	5	0.03	U	0.03	U	0.03	U	0.03	U	0.03	U	0.03	U	0.03	U	0.03	U
Endrin ketone	5	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U
Heptachlor	0.04	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U
Heptachlor epoxide	0.03	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U
Lindane	0.05	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U
Methoxychlor	35	0.143	U	0.143	U	0.143	U	0.143	U	0.143	U	0.143	U	0.143	U	0.143	U
Toxaphene	0.06	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
trans-Chlordane	-	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
Herbicides by EPA 8151 (ug/L)																	
2,4,5-T	35	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
2,4,5-TP (Silvex)	-	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
2,4-D	50	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
PCBs by EPA 8082 (ug/L)																	
Aroclor 1016	0.09	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U
Aroclor 1221	0.09	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U
Aroclor 1232	0.09	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U
Aroclor 1242	0.09	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U
Aroclor 1248	0.09	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U
Aroclor 1254	0.09	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U
Aroclor 1260	0.09	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U
Aroclor 1262	0.09	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U
Aroclor 1268	0.09	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U
PCBs, Total	-	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U

TABLE NOTES:

Analyte exceeds the New York State Department of Environmental Conservation (NYSDEC) Technical Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards (AWQS) and Guidance Values

U : Not detected at the reported detection limit for the sample.

J: Analyte detected at or above the method detection limit but below the reporting limit.

ug/L: Micrograms per Liter.

- : No Standards or Guidance Value.

Table 12 - Per- and Polyfluoroalkyl Substances in Groundwater
Phase II Environmental Site Investigation

Ocean Bay Redevelopment
53-05 Beach Channel Drive and 360 Beach 54 Street
Edgemere, NY 11691

LOCATION	NYSDEC AWQS April 2023	2016-MW-01		2016-MW-02		2016-MW-03		2016-MW-04		2016-MW-05	
LAB SAMPLE ID		L2565423-09		L2565423-10		L2565423-11		L2565423-12		L2565423-13	
SAMPLING DATE		10/15/2025		10/15/2025		10/15/2025		10/15/2025		10/15/2025	
SAMPLE TYPE		Water		Water		Water		Water		Water	
		Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PFAS/PFOA by EPA 1633 (ug/L)											
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	-	0.0068	U	0.00629	U	0.00636	U	0.00647	U	0.0107	U
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	-	0.0068	U	0.00629	U	0.00636	U	0.00647	U	0.0107	U
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	-	0.0068	U	0.00629	U	0.00636	U	0.00647	U	0.0107	U
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	-	0.0298		0.00629	U	0.00636	U	0.00392	J	0.0107	U
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	-	0.0425	U	0.0393	U	0.0398	U	0.0404	U	0.0667	U
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	-	0.0425	U	0.0393	U	0.0398	U	0.0404	U	0.0667	U
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	-	0.0085	U	0.00787	U	0.00795	U	0.00809	U	0.0133	U
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	-	0.0068	U	0.00629	U	0.00636	U	0.00647	U	0.0107	U
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	-	0.0068	U	0.00629	U	0.00636	U	0.00647	U	0.0107	U
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	-	0.0068	U	0.00629	U	0.00636	U	0.00647	U	0.0107	U
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	-	0.0017	U	0.00157	U	0.00159	U	0.00162	U	0.00267	U
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	-	0.017	U	0.0157	U	0.0159	U	0.00158	J	0.00261	J
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	-	0.0017	U	0.00222		0.00159	U	0.00162	U	0.00267	U
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	-	0.0017	U	0.00157	U	0.00159	U	0.00162	U	0.00267	U
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	-	0.017	U	0.0157	U	0.0159	U	0.0162	U	0.0267	U
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	-	0.0017	U	0.00157	U	0.00159	U	0.00162	U	0.00267	U
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	-	0.0034	U	0.00315	U	0.00318	U	0.00324	U	0.00533	U
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	-	0.0034	U	0.00315	U	0.00318	U	0.00324	U	0.00533	U
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	-	0.0034	U	0.00315	U	0.00318	U	0.00324	U	0.00533	U
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	-	0.0034	U	0.00315	U	0.00318	U	0.00324	U	0.00533	U
Perfluorobutanesulfonic Acid (PFBS)	-	0.00209		0.00609		0.00455		0.00322		0.00339	
Perfluorobutanoic Acid (PFBA)	-	0.00502	J	0.00609	J	0.00506	J	0.0107		0.00992	J
Perfluorodecanesulfonic Acid (PFDS)	-	0.0017	U	0.00157	U	0.00159	U	0.00162	U	0.00267	U
Perfluorodecanoic Acid (PFDA)	-	0.0017	U	0.00247		0.000557	J	0.000696	J	0.00152	J
Perfluorododecanesulfonic Acid (PFDoS)	-	0.0017	U	0.00157	U	0.00159	U	0.00162	U	0.00267	U
Perfluorododecanoic Acid (PFDoA)	-	0.0017	U	0.00157	U	0.00159	U	0.00162	U	0.00267	U
Perfluoroheptanesulfonic Acid (PFHpS)	-	0.0017	U	0.000535	J	0.00159	U	0.00162	U	0.00267	U
Perfluoroheptanoic Acid (PFHpA)	-	0.00439		0.00368		0.00491		0.00413		0.00597	
Perfluorohexanesulfonic Acid (PFHxS)	-	0.00364		0.00255		0.00576		0.00468		0.00219	J
Perfluorohexanoic Acid (PFHxA)	-	0.00743		0.00939		0.0105		0.00783		0.00768	
Perfluorononanesulfonic Acid (PFNS)	-	0.0017	U	0.00157	U	0.00159	U	0.00162	U	0.00267	U
Perfluorononanoic Acid (PFNA)	-	0.000629	J	0.00447		0.00169		0.00129	J	0.0028	F
Perfluorooctanesulfonamide (PFOSA)	-	0.0017	U	0.000818	JF	0.00159	U	0.00162	U	0.00267	U
Perfluorooctanesulfonic Acid (PFOS)	0.0067	0.00644		**0.036**		**0.0202**		**0.0112**		**0.024**	
Perfluorooctanoic Acid (PFOA)	0.0027	**0.00505**		**0.0147**		**0.00676**		**0.00662**		**0.0141**	
Perfluoropentanesulfonic Acid (PFPeS)	-	0.00109	J	0.00157	U	0.00126	J	0.00162	U	0.00267	U
Perfluoropentanoic Acid (PFPeA)	-	0.00983		0.00887		0.012		0.0094		0.00784	
Perfluorotetradecanoic Acid (PFTeDA)	-	0.0017	U	0.00157	U	0.00159	U	0.00162	U	0.00267	U
Perfluorotridecanoic Acid (PFTrDA)	-	0.0017	U	0.00157	U	0.00159	U	0.00162	U	0.00267	U
Perfluoroundecanoic Acid (PFUnA)	-	0.0017	U	0.00157	U	0.00159	U	0.00162	U	0.00267	U

TABLE NOTES:

Exceeds New York State Department of Environmental Conservation (NYSDEC) Per- and Polyfluoroalkyl Substances (PFAS) Ambient Water Quality Standards (AWQS) April 2023

U : Not detected at the reported detection limit for the sample.
ug/L: Micrograms per Liter.
J : Estimated value.
- : No Standards or Guidance Value.

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

Table 12 - Per- and Polyfluoroalkyl Substances in Groundwater
Phase II Environmental Site Investigation

Ocean Bay Redevelopment
53-05 Beach Channel Drive and 360 Beach 54 Street
Edgemere, NY 11691

LOCATION	NYSDEC AWQS April 2023	2025-GMW-01		2025-GMW-02		2025-GMW-03		2025-GMW-04		2025-GMW-05		2025-GMW-06		2025-GMW-07		Duplicate-2025-10-15	
LAB SAMPLE ID		L2565423-01		L2565423-02		L2565423-03		L2565423-04		L2565423-05		L2565423-06		L2565423-07		L2565423-08	
SAMPLING DATE		10/15/2025		10/15/2025		10/15/2025		10/15/2025		10/15/2025		10/15/2025		10/15/2025		10/15/2025	
SAMPLE TYPE		Water		Water		Water		Water		Water		Water		Water		Water	
		Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
PFAS/PFOA by EPA 1633 (ug/L)																	
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	-	0.00554	U	0.00651	U	0.0064	U	0.00648	U	0.0065	U	0.00583	U	0.00568	U	0.00596	U
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	-	0.00554	U	0.00651	U	0.0064	U	0.00648	U	0.0065	U	0.00583	U	0.00568	U	0.00596	U
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	-	0.00554	U	0.00651	U	0.0064	U	0.00648	U	0.0065	U	0.00583	U	0.00568	U	0.00596	U
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	-	0.00554	U	0.00651	U	0.0064	U	0.00648	U	0.00434	J	0.00583	U	0.00568	U	0.00596	U
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	-	0.0346	U	0.0407	U	0.04	U	0.0405	U	0.0406	U	0.0364	U	0.0355	U	0.0372	U
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	-	0.0346	U	0.0407	U	0.04	U	0.0405	U	0.0406	U	0.0364	U	0.0355	U	0.0372	U
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	-	0.00693	U	0.00813	U	0.008	U	0.0081	U	0.00812	U	0.00729	U	0.0071	U	0.00745	U
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	-	0.00554	U	0.00651	U	0.0064	U	0.00648	U	0.0065	U	0.00583	U	0.00568	U	0.00596	U
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	-	0.00554	U	0.00651	U	0.0064	U	0.00648	U	0.0065	U	0.00583	U	0.00568	U	0.00596	U
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	-	0.000845	J	0.00254	J	0.0064	U	0.00117	J	0.0065	U	0.00217	J	0.00148	J	0.00192	J
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	-	0.00138	U	0.00163	U	0.0016	U	0.00162	U	0.00162	U	0.00146	U	0.00142	U	0.00149	U
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	-	0.0138	U	0.0163	U	0.016	U	0.0162	U	0.0162	U	0.0146	U	0.0142	U	0.0149	U
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	-	0.00138	U	0.00163	U	0.0016	U	0.00162	U	0.00162	U	0.00146	U	0.00142	U	0.00149	U
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	-	0.00138	U	0.00163	U	0.0016	U	0.00162	U	0.00162	U	0.00146	U	0.00142	U	0.00149	U
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	-	0.0138	U	0.0163	U	0.016	U	0.0162	U	0.0162	U	0.0146	U	0.0142	U	0.0149	U
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	-	0.00138	U	0.00163	U	0.0016	U	0.00162	U	0.00162	U	0.00146	U	0.00142	U	0.00149	U
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	-	0.00277	U	0.00325	U	0.0032	U	0.00324	U	0.00325	U	0.00292	U	0.00284	U	0.00298	U
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	-	0.00277	U	0.00325	U	0.0032	U	0.00324	U	0.00325	U	0.00292	U	0.00284	U	0.00298	U
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	-	0.00277	U	0.00325	U	0.0032	U	0.00324	U	0.00325	U	0.00292	U	0.00284	U	0.00298	U
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	-	0.00277	U	0.00325	U	0.0032	U	0.00324	U	0.00325	U	0.00292	U	0.00284	U	0.00298	U
Perfluorobutanesulfonic Acid (PFBS)	-	0.012		0.0194		0.00237		0.00429		0.00231		0.00568		0.00522		0.00442	
Perfluorobutanoic Acid (PFBA)	-	0.01		0.0309		0.00613	J	0.00838		0.0064	J	0.0225		0.0328		0.0264	
Perfluorodecanesulfonic Acid (PFDS)	-	0.00138	U	0.00163	U	0.0016	U	0.00162	U	0.00162	U	0.00146	U	0.00142	U	0.00149	U
Perfluorodecanoic Acid (PFDA)	-	0.00296		0.00135	J	0.0016	U	0.000826	J	0.000845	J	0.00321		0.000966	J	0.0007	J
Perfluorododecanesulfonic Acid (PFDoS)	-	0.00138	U	0.00163	U	0.0016	U	0.00162	U	0.00162	U	0.00146	U	0.00142	U	0.00149	U
Perfluorododecanoic Acid (PFDoA)	-	0.00138	U	0.00163	U	0.0016	U	0.00162	U	0.00162	U	0.00146	U	0.00142	U	0.00149	U
Perfluoroheptanesulfonic Acid (PFHpS)	-	0.00104	J	0.00161	J	0.0016	U	0.000535	J	0.000764	J	0.00146	U	0.00142	U	0.000581	J
Perfluoroheptanoic Acid (PFHpA)	-	0.00988		0.0556		0.00331		0.00553		0.00429		0.014		0.00534		0.00553	
Perfluorohexanesulfonic Acid (PFHxS)	-	0.0041		0.0134		0.00211		0.00311		0.00418		0.00525		0.0027		0.00252	
Perfluorohexanoic Acid (PFHxA)	-	0.00687		0.0447		0.00534		0.00883		0.00512		0.018		0.00729		0.00733	
Perfluorononanesulfonic Acid (PFNS)	-	0.00138	U	0.00163	U	0.0016	U	0.00162	U	0.00162	U	0.00146	U	0.00142	U	0.00149	U
Perfluorononanoic Acid (PFNA)	-	0.00377		0.00651		0.00213		0.00168		0.00148	J	0.00249		0.0032		0.00317	
Perfluorooctanesulfonamide (PFOSA)	-	0.00138	U	0.00163	U	0.0016	U	0.00162	U	0.00162	U	0.00146	U	0.00142	U	0.00149	U
Perfluorooctanesulfonic Acid (PFOS)	0.0067	**0.0586**		**0.0367**		**0.0272**		**0.0204**		**0.0149**		**0.131**		**0.0156**		**0.016**	
Perfluorooctanoic Acid (PFOA)	0.0027	**0.0263**		**0.0574**		**0.00872**		**0.00762**		**0.0195**		**0.0327**		**0.0266**		**0.0259**	
Perfluoropentanesulfonic Acid (PFPeS)	-	0.00228	F	0.00205		0.000672	J	0.000908	J	0.000731	J	0.00108	J	0.00142	U	0.00149	U
Perfluoropentanoic Acid (PFPeA)	-	0.00647		0.0335		0.00542		0.00972		0.0066		0.017		0.00574		0.00596	
Perfluorotetradecanoic Acid (PFTeDA)	-	0.00138	U	0.00163	U	0.0016	U	0.00162	U	0.00162	U	0.00146	U	0.00142	U	0.00149	U
Perfluorotridecanoic Acid (PFTrDA)	-	0.00138	U	0.00163	U	0.0016	U	0.00162	U	0.00162	U	0.00146	U	0.00142	U	0.00149	U
Perfluoroundecanoic Acid (PFUnA)	-	0.00138	U	0.00163	U	0.0016	U	0.00162	U	0.00162	U	0.00146	U	0.00142	U	0.00149	U

TABLE NOTES:

Exceeds New York State Department of Environmental Conservation (NYSDEC) Per- and Polyfluoroalkyl Substances (PFAS) Ambient Water Quality Standards (AWQS) April 2023

U : Not detected at the reported detection limit for the sample.
ug/L: Micrograms per Liter.
J : Estimated value.
- : No Standards or Guidance Value.

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

Table 13 - Soil Vapor and Ambient Air Results
Phase II Environmental Site Investigation

Ocean Bay Redevelopment
53-05 Beach Channel Drive and 360 Beach 54 Street
Edgemere, NY 11691

SAMPLE LOCATION	GSV-01		GSV-02		GSV-03		GSV-04		GSV-05		GSV-06		GSV-07		GSV-08		GSV-09		AA-01		DUP-2025-10-25	
LABORATORY SAMPLE ID	L2565460-01		L2565460-02		L2565460-03		L2565460-04		L2565460-05		L2565460-06		L2565460-07		L2565460-08		L2565460-09		L2565460-11		L2565460-10	
SAMPLING DATE	10/15/2025		10/15/2025		10/15/2025		10/15/2025		10/15/2025		10/15/2025		10/15/2025		10/15/2025		10/15/2025		10/15/2025		10/15/2025	
SAMPLE TYPE	Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Outdoor		Soil Vapor	
	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Volatile Organics in Air by TO-15 (µg/m3)																						
1,1,1-Trichloroethane	1.09	U	16.6	U	22.4	U	433	U	5.46	U	2.02	U	5.46	U	11.6	U	2.18	U	1.09	U	1.09	U
1,1,2,2-Tetrachloroethane	1.37	U	20.9	U	28.2	U	545	U	6.87	U	2.54	U	6.87	U	14.6	U	2.75	U	1.37	U	1.37	U
1,1,2-Trichloroethane	1.09	U	16.6	U	22.4	U	433	U	5.46	U	2.02	U	5.46	U	11.6	U	2.18	U	1.09	U	1.09	U
1,1-Dichloroethane	0.809	U	12.3	U	16.6	U	321	U	4.05	U	1.5	U	4.05	U	8.58	U	1.62	U	0.809	U	0.809	U
1,1-Dichloroethene	0.793	U	12.1	U	16.3	U	315	U	3.96	U	1.47	U	3.96	U	8.41	U	1.59	U	0.793	U	0.793	U
1,2,4-Trichlorobenzene	1.48	U	22.6	U	30.5	U	589	U	7.42	U	2.75	U	7.42	U	15.7	U	2.97	U	1.48	U	1.48	U
1,2,4-Trimethylbenzene	0.983	U	14.9	U	20.2	U	390	U	8.46		6.44		4.92	U	10.4	U	8.5		0.983	U	9.44	
1,2-Dibromoethane	1.54	U	23.4	U	31.6	U	610	U	7.69	U	2.84	U	7.69	U	16.3	U	3.07	U	1.54	U	1.54	U
1,2-Dichlorobenzene	1.2	U	18.3	U	24.7	U	477	U	6.01	U	2.22	U	6.01	U	12.7	U	2.4	U	1.2	U	1.2	U
1,2-Dichloroethane	0.809	U	12.3	U	16.6	U	321	U	4.05	U	1.5	U	4.05	U	8.58	U	1.62	U	0.809	U	0.809	U
1,2-Dichloropropane	0.924	U	14	U	19	U	367	U	4.62	U	1.71	U	4.62	U	9.8	U	1.85	U	0.924	U	0.924	U
1,3,5-Trimethylbenzene	0.983	U	14.9	U	20.2	U	390	U	4.92	U	1.82	U	4.92	U	10.4	U	2.41		0.983	U	2.68	
1,3-Butadiene	0.442	U	6.73	U	9.09	U	176	U	2.21	U	0.819	U	2.21	U	4.69	U	0.885	U	0.442	U	0.442	U
1,3-Dichlorobenzene	1.2	U	18.3	U	24.7	U	477	U	6.01	U	2.22	U	6.01	U	12.7	U	2.4	U	1.2	U	1.2	U
1,4-Dichlorobenzene	1.2	U	18.3	U	24.7	U	477	U	6.01	U	2.22	U	6.01	U	12.7	U	2.4	U	1.2	U	1.2	U
1,4-Dioxane	0.721	U	11	U	14.8	U	286	U	3.6	U	1.33	U	3.6	U	7.64	U	1.44	U	0.721	U	0.721	U
2,2,4-Trimethylpentane	0.934	U	14.2	U	19.2	U	371	U	4.67	U	1.73	U	4.67	U	9.9	U	1.87	U	0.934	U	0.934	U
2-Butanone	10.5		140		284		584	U	163		174		165		130		73.1		1.47	U	63.1	
2-Hexanone	3.33		42.2		83.2		325	U	52		47.9		29.8		8.69	U	24.3		0.82	U	30.5	
3-Chloropropene	0.626	U	9.52	U	12.9	U	249	U	3.13	U	1.16	U	3.13	U	6.64	U	1.25	U	0.626	U	0.626	U
4-Ethyltoluene	0.983	U	14.9	U	20.2	U	390	U	4.92	U	1.82	U	4.92	U	10.4	U	1.97	U	0.983	U	1.75	
4-Methyl-2-pentanone	2.05	U	31.1	U	42.2	U	811	U	10.2	U	3.79	U	10.2	U	21.7	U	4.1	U	2.05	U	2.05	U
Acetone	29.2		387		558		943	U	359		413		201		110		201		8.1		182	
Benzene	0.639	U	9.71	U	13.1	U	254	U	3.19	U	1.18	U	3.19	U	6.77	U	1.28	U	0.639	U	0.639	U
Benzyl chloride	1.04	U	15.7	U	21.3	U	411	U	5.18	U	1.92	U	5.18	U	11	U	2.07	U	1.04	U	1.04	U
Bromodichloromethane	1.34	U	20.4	U	27.5	U	532	U	6.7	U	2.48	U	6.7	U	14.2	U	2.68	U	1.34	U	1.34	U
Bromoform	2.07	U	31.4	U	42.5	U	821	U	10.3	U	3.83	U	10.3	U	21.9	U	4.14	U	2.07	U	2.07	U
Bromomethane	0.777	U	11.8	U	16	U	308	U	3.88	U	1.44	U	3.88	U	8.23	U	1.55	U	0.777	U	0.777	U
Carbon disulfide	0.623	U	9.47	U	12.8	U	247	U	3.11	U	1.15	U	3.11	U	6.6	U	1.25	U	0.623	U	0.623	U
Carbon tetrachloride	1.26	U	19.1	U	25.9	U	499	U	6.29	U	2.33	U	6.29	U	13.3	U	2.52	U	1.26	U	1.26	U
Chlorobenzene	0.921	U	14	U	18.9	U	366	U	4.61	U	1.7	U	4.61	U	9.76	U	1.84	U	0.921	U	0.921	U
Chloroethane	0.528	U	8.02	U	10.8	U	210	U	2.64	U	0.976	U	2.64	U	5.59	U	1.06	U	0.528	U	0.528	U
Chloroform	0.977	U	14.8	U	20.1	U	388	U	17.7		19.8		4.88	U	10.4	U	8.74		0.977	U	10.1	
Chloromethane	1.01		6.28	U	8.49	U	164	U	2.07	U	0.764	U	2.07	U	4.38	U	0.826	U	1.01		0.413	U
cis-1,2-Dichloroethene	0.793	U	12.1	U	16.3	U	315	U	96.3		1.47	U	3.96	U	8.41	U	7.18		0.793	U	1.54	
cis-1,3-Dichloropropene	0.908	U	13.8	U	18.7	U	360	U	4.54	U	1.68	U	4.54	U	9.62	U	1.82	U	0.908	U	0.908	U
Cyclohexane	0.688	U	10.5	U	14.1	U	273	U	3.44	U	1.27	U	3.44	U	7.3	U	1.38	U	0.688	U	0.688	U
Dibromochloromethane	1.7	U	25.9	U	35	U	676	U	8.52	U	3.15	U	8.52	U	18.1	U	3.41	U	1.7	U	1.7	U
Dichlorodifluoromethane	2.25		15	U	20.3	U	393	U	4.94	U	2.35		4.94	U	10.5	U	2.21		2.24		2.28	
Ethanol	9.42	U	143	U	194	U	3770		47.1	U	18.8		3220		5430		18.8	U	9.42	U	9.42	U
Ethyl Acetate	1.8	U	27.4	U	37.1	U	714	U	9.01	U	3.34	U	9.01	U	19.1	U	3.6	U	1.8	U	1.8	U
Ethylbenzene	0.869	U	13.2	U	17.9	U	345	U	4.34	U	1.61	U	4.34	U	9.21	U	2.96		0.869	U	3.44	
Freon-113	1.53	U	23.3	U	31.5	U	609	U	7.66	U	2.84	U	7.66	U	16.2	U	3.07	U	1.53	U	1.53	U
Freon-114	1.4	U	21.2	U	28.7	U	555	U	6.99	U	2.59	U	6.99	U	14.8	U	2.8	U	1.4	U	1.4	U
Heptane	0.82	U	12.5	U	16.8	U	325	U	4.1	U	2.64		4.43		8.69	U	2.66		0.82	U	2.25	
Hexachlorobutadiene	2.13	U	32.4	U	43.8	U	847	U	10.7	U	3.95	U	10.7	U	22.6	U	4.27	U	2.13	U	2.13	U
Isopropanol	2.9		37.4	U	50.6	U	1700		12.3	U	5.24		12.3	U	26.1	U	16.1		2.8		2.97	
Methyl tert butyl ether	0.721	U	11	U	14.8	U	286	U	3.61	U	1.33	U	3.61	U	7.64	U	1.44	U	0.721	U	0.721	U
Methylene chloride	1.74	U	26.4	U	35.8	U	688	U	8.69	U	3.22	U	8.69	U	18.4	U	3.47	U	1.74	U	1.74	U
n-Hexane	0.874		10.7	U	14.5	U	1190		4.65		2.35		3.52	U	7.47	U	4.9		0.705	U	1.52	
Naphthalene	0.996	U	15.2	U	20.5	U	395	U	4.98	U	1.85	U	4.98	U	10.5	U	1.99	U	0.996	U	0.996	U
o-Xylene	0.869	U	13.2	U	17.9	U	345	U	6.43		3.5		4.34		9.21	U	6.43		0.869	U	7.38	
p/m-Xylene	1.74	U	26.4	U	35.7	U	691	U	11.9		5.47		15.5		18.4	U	11.7		1.74	U	13.9	
Styrene	0.852	U	12.9	U	17.5	U	338	U	4.26	U	1.58	U	4.26	U	9.03	U	1.7	U	0.852	U	0.852	U
Tertiary butyl Alcohol	1.52	U	23	U	31.2	U	600	U	7.58	U	5.46		7.58	U	16	U	4.18		1.52	U	3.4	
Tetrachloroethene	1.36	U	6700		5790		129000		2100		12.3		6.78	U	3770		1020		1.36	U	267	
Tetrahydrofuran	1.47	U	22.4	U	30.4	U	584	U	7.37	U	2.73	U	7.37	U	15.6	U	2.95	U	1.47	U	1.47	U
Toluene	1.15		11.5	U	15.5	U	299	U	4.82		1.39	U	29.4		24.2		5.13		1.04		4.94	
trans-1,2-Dichloroethene	0.793	U	12.1	U	16.3	U	315	U	3.96	U	1.47	U	3.96	U	8.41	U	1.59	U	0.793	U	0.793	U
trans-1,3-Dichloropropene	0.908	U	13.8	U	18.7	U	360	U	4.54	U	1.68	U	4.54	U	9.62	U	1.82	U	0.908	U	0.908	U
Trichloroethene	1.07	U	299		22.1	U	427	U	66.6		1.99	U	5.37	U	80.1		44.8		1.07	U	9.35	
Trichlorofluoromethane	1.12	U	17.1	U	23.1	U	446	U	5.62	U	2.08	U	5.62	U	11.9	U	2.25	U	1.16		1.12	U
Vinyl bromide	0.874	U	13.3	U	18	U	347	U	4.37	U	1.62	U	4.37	U	9.27	U	1.75	U	0.874	U	0.874	U
Vinyl chloride	0.511	U	7.77	U	10.5	U	203	U	2.56	U	0.946	U	2.56	U	5.42	U	1.02	U	0.511	U	0.511	U

TABLE NOTES:

U : Not detected at the reported detection limit for the sample.

J: Estimate Value. The analyte concentration is below the quantitative limit (RL), but above the method detection limit (MDL) or estimated detection limit (EDL).

D: Result is from an analysis that required dilution.

B: Analyte found in the analysis batch blank.

E: Result is estimated and cannot be accurately reported due to levels encountered or interferences.

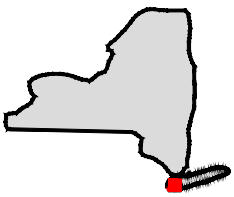
ug/m^3: micrograms per cubic meter.

Qual : Qualifiers.

FIGURES



NEW YORK



QUADRANGLE LOCATION

SOURCE:

USGS TOPOGRAPHIC MAPS: FAR ROCKAWAY, NY(2023). CONTOUR INTERVAL 10FT., NAVD-1988, ORIGINAL SCALE 1:24,000 (1IN.=2,000FT.).

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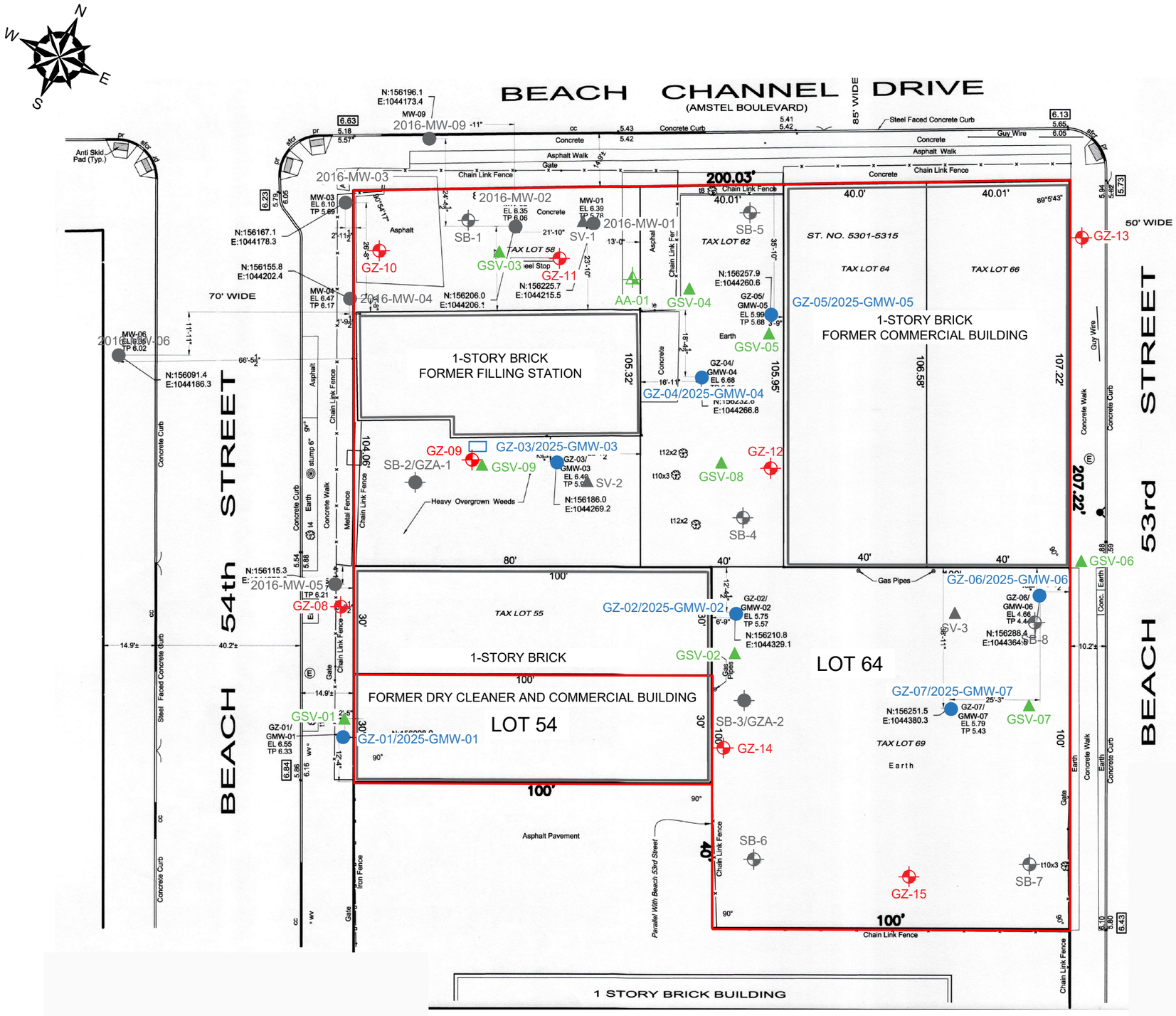
PREPARED BY:
GZA GeoEnvironmental of NY
Engineers and Scientists
www.gza.com

PREPARED FOR:
ARVERNE EDGEMERE LLC

SITE LOCATION MAP

PROJ MGR: RM	REVIEWED BY: RM	CHECKED BY: SK	FIGURE 1
DESIGNED BY: SG	DRAWN BY: SG	SCALE: 1"=2000'	
DATE: JANUARY 2026	PROJECT NO. 41.0163476.00	REVISION NO. -	SHEET NO.

© 2026 - GZA GeoEnvironmental of NY.
GZA-\\GZANYMan1\Jobs\Active 163400 to 163499\163476.00 - AAFE Ocean Bay Redevelopment\Drawings\GZA CAD\163476.00 - PH II lwc.dwg [FIG 1 8.5x11] January 21, 2026 - 10:35am laiwa.chu



GENERAL NOTES

1. BASE MAP DEVELOPED FROM "BORING HOLE & MONITORING WELL LOCATION SURVEY", SURVEY NO. 65714–1, BY MONTROSE SURVEYING CO., LLP., DATED NOVEMBER 13, 2025, ORIGINAL SCALE 1" = 20'.

LEGEND

- APPROXIMATE VACANT BUILDING OUTLINE
- APPROXIMATE LIMITS OF TAX PARCELS
- APPROXIMATE ABOVEGROUND STORAGE TANK LOCATION
- SB-1 — PREVIOUS SOIL BORING LOCATION (GZA PHASE II 2016)
- SV-1 — PREVIOUS SOIL VAPOR POINT (GZA PHASE II 2016)
- 2016-MW-01 — PREVIOUS MONITORING WELL LOCATION (ECOSYSTEM SUBSURFACE INVESTIGATION 2016)
- GZ-01 — APPROXIMATE SOIL BORING LOCATION
- GSV-01 — APPROXIMATE SOIL VAPOR SAMPLE LOCATION
- AA-01 — APPROXIMATE AMBIENT AIR SAMPLE LOCATION
- GZ-01/ 2025-GMW-01 — APPROXIMATE SOIL BORING AND PERMANENT MONITORING WELL LOCATION

0 15 30 60
SCALE IN FEET

NO.	ISSUE/DESCRIPTION	BY	DATE

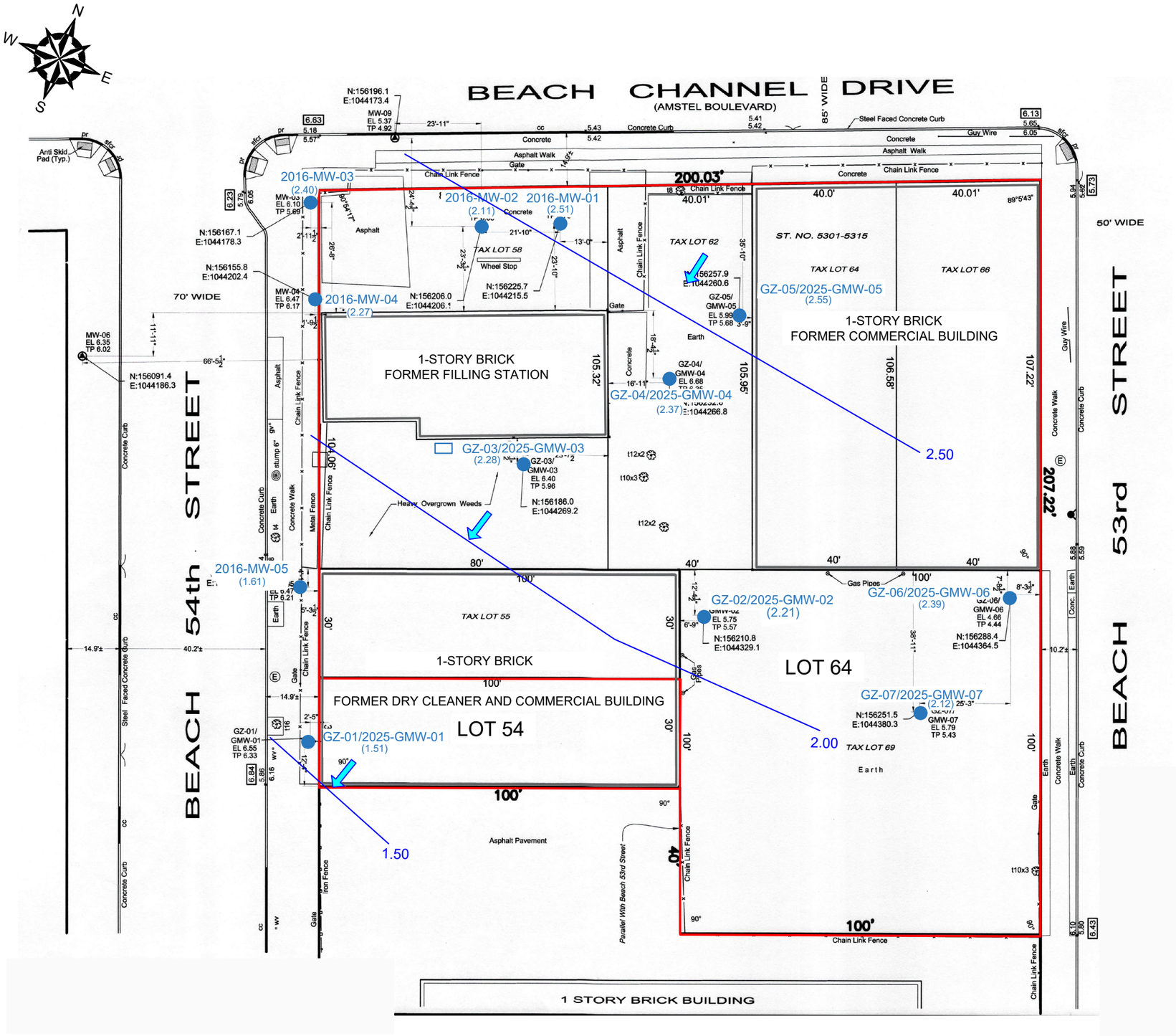
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53-05 BEACH CHANNEL DRIVE
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SAMPLE LOCATION MAP

PREPARED BY:		PREPARED FOR:	
GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com		ARVERNE EDGEMERE LLC	
PROJ MGR: RM	REVIEWED BY: RM	CHECKED BY: SK	FIGURE 2
DESIGNED BY: LWC	DRAWN BY: LWC	SCALE: 1" = 30'	
DATE: JANUARY 2026	PROJECT NO. 41.0163476.00	REVISION NO. -	SHEET NO.

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GZA–\\GZANYMan1\Jobs\Active 163400 to 163499\163476.00 – AAFE Ocean Bay Redevelopment\Drawings\GZA CAD\163476.00 – PH II lwc.dwg [F2 – Sample Loc Map] January 21, 2026 – 10:37am laiwa.chu



GENERAL NOTES

1. BASE MAP DEVELOPED FROM "BORING HOLE & MONITORING WELL LOCATION SURVEY", SURVEY NO. 65714–1, BY MONTROSE SURVEYING CO., LLP., DATED NOVEMBER 13, 2025, ORIGINAL SCALE 1" = 20'.
2. THE PURPOSE OF THIS DRAWING IS TO LOCATE, DESCRIBE, AND REPRESENT THE POSITIONS OF EXPLORATION LOCATIONS AND ESTIMATED GROUNDWATER CONTOURS IN RELATION TO THE SUBJECT SITE. THIS DRAWING IS NOT CONSIDERED A LAND SURVEY. THE LOCATIONS SHOWN SHOULD BE CONSIDERED ACCURATE ONLY TO THE DEGREE IMPLIED BY THE METHOD USED.
3. GROUNDWATER ELEVATIONS WERE TAKEN BY GZA PERSONNEL USING AN OIL/WATER INTERFACE PROBE ON OCTOBER 15, 2025.
4. ALL ELEVATIONS GIVEN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
5. 2016–MW–02* WAS NOT USED IN DEVELOPMENT OF THE INFERRED GROUNDWATER CONTOURS.

LEGEND

- APPROXIMATE BUILDING OUTLINE
- APPROXIMATE LIMITS OF TAX PARCELS
- PREVIOUS MONITORING WELL LOCATION (ECOSYSTEM SUBSURFACE INVESTIGATION 2016) — e.g. 2016-MW-01
- APPROXIMATE SOIL BORING AND PERMANENT MONITORING WELL LOCATION — e.g. GZ-01/2025-GMW-01
- (2.55) GROUNDWATER ELEVATION USED TO DEVELOP GROUNDWATER CONTOUR
- INFERRED GROUNDWATER FLOW DIRECTION
- 2.50 INFERRED GROUNDWATER ELEVATION CONTOUR

0 15 30 60
SCALE IN FEET

NO.	ISSUE/DESCRIPTION	BY	DATE

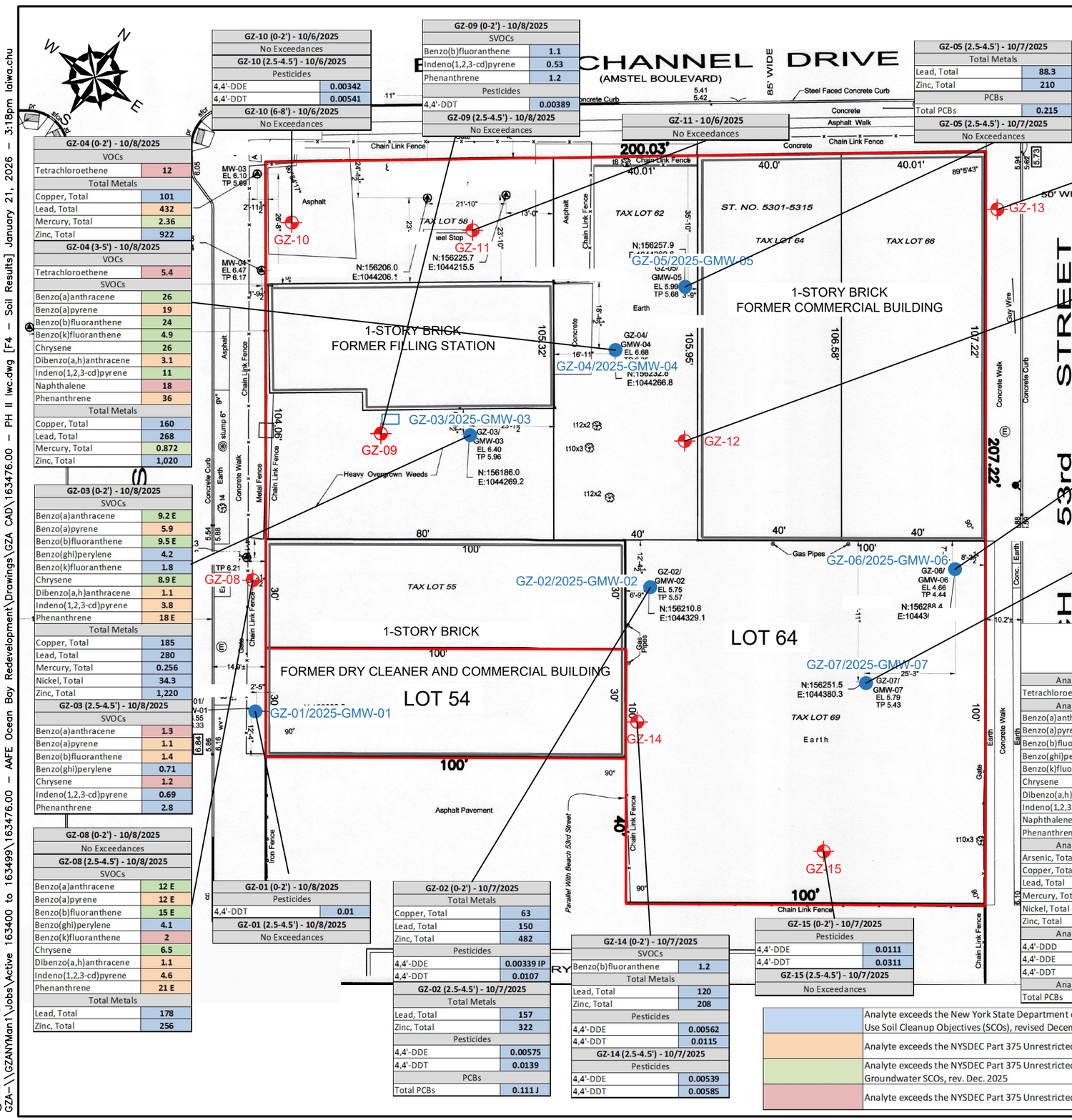
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EDGMERE, NEW YORK 11691

GROUNDWATER CONTOUR MAP
OCTOBER 15, 2025

PREPARED BY: GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com		PREPARED FOR: ARVERNE EDGEMERE LLC	
PROJ MGR: RM	REVIEWED BY: RM	CHECKED BY: SK	FIGURE 3
DESIGNED BY: JN	DRAWN BY: JN	SCALE: 1" = 30'	
DATE: JANUARY 2026	PROJECT NO. 41.0163476.00	REVISION NO. -	SHEET NO.

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GZA–\\GZANYMan1\Jobs\Active 163400 to 163499\163476.00 – AAFE Ocean Bay Redevelopment\Drawings\GZA CAD\163476.00 – PH II lwc.dwg [F3 – GW Contour] January 21, 2026 – 10:38am laiwa.chu



GZ-04 (0-2') - 10/8/2025	
VOCs	
Tetrachloroethene	12
Total Metals	
Copper, Total	101
Lead, Total	432
Mercury, Total	2.36
Zinc, Total	922

GZ-04 (3-5') - 10/8/2025	
VOCs	
Tetrachloroethene	5.4
SVOCs	
Benzo(a)anthracene	26
Benzo(a)pyrene	19
Benzo(b)fluoranthene	24
Benzo(k)fluoranthene	4.9
Chrysene	26
Dibenzo(a,h)anthracene	3.1
Indeno(1,2,3-cd)pyrene	11
Naphthalene	18
Phenanthrene	36
Total Metals	
Copper, Total	160
Lead, Total	268
Mercury, Total	0.872
Zinc, Total	1,020

GZ-03 (0-2') - 10/8/2025	
SVOCs	
Benzo(a)anthracene	9.2 E
Benzo(a)pyrene	5.9
Benzo(b)fluoranthene	9.5 E
Benzo(ghi)perylene	4.2
Benzo(k)fluoranthene	1.8
Chrysene	8.9 E
Dibenzo(a,h)anthracene	1.1
Indeno(1,2,3-cd)pyrene	3.8
Phenanthrene	18 E
Total Metals	
Copper, Total	185
Lead, Total	280
Mercury, Total	0.256
Nickel, Total	34.3
Zinc, Total	1,220

GZ-03 (2.5-4.5') - 10/8/2025	
SVOCs	
Benzo(a)anthracene	1.3
Benzo(a)pyrene	1.1
Benzo(b)fluoranthene	1.4
Benzo(ghi)perylene	0.71
Chrysene	1.2
Indeno(1,2,3-cd)pyrene	0.69
Phenanthrene	2.8

GZ-08 (0-2') - 10/8/2025
No Exceedances

GZ-08 (2.5-4.5') - 10/8/2025	
SVOCs	
Benzo(a)anthracene	12 E
Benzo(a)pyrene	12 E
Benzo(b)fluoranthene	15 E
Benzo(ghi)perylene	4.1
Benzo(k)fluoranthene	2
Chrysene	6.5
Dibenzo(a,h)anthracene	1.1
Indeno(1,2,3-cd)pyrene	4.6
Phenanthrene	21 E
Total Metals	
Lead, Total	178
Zinc, Total	256

GZ-10 (0-2') - 10/6/2025
No Exceedances

GZ-10 (2.5-4.5') - 10/6/2025	
Pesticides	
4,4'-DDE	0.00342
4,4'-DDT	0.00541

GZ-10 (6-8') - 10/6/2025
No Exceedances

GZ-09 (0-2') - 10/8/2025	
SVOCs	
Benzo(b)fluoranthene	1.1
Indeno(1,2,3-cd)pyrene	0.53
Phenanthrene	1.2
Pesticides	
4,4'-DDT	0.00389

GZ-09 (2.5-4.5') - 10/8/2025
No Exceedances

GZ-11 - 10/6/2025
No Exceedances

GZ-05 (2.5-4.5') - 10/7/2025	
Total Metals	
Lead, Total	88.3
Zinc, Total	210
PCBs	
Total PCBs	0.215

GZ-05 (2.5-4.5') - 10/7/2025
No Exceedances

GZ-13 (0-2') - 10/7/2025	
Pesticides	
4,4'-DDT	0.00582

GZ-13 (2.5-4.5') - 10/7/2025
No Exceedances

GZ-12 (0-2') - 10/7/2025	
Total Metals	
Copper, Total	104
Lead, Total	184
Zinc, Total	600
Pesticides	
4,4'-DDE	0.00403
4,4'-DDT	0.0069

GZ-12 (2.5-4.5') - 10/7/2025	
Total Metals	
Copper, Total	53.3
Lead, Total	85.2
Zinc, Total	356
Pesticides	
4,4'-DDT	0.00763

GZ-06 - 10/6/2025
No Exceedances

GZ-07 (0-2') - 10/6/2025	
Total Metals	
Arsenic, Total	15.7
Lead, Total	78.2
Mercury, Total	0.202
Pesticides	
4,4'-DDD	0.00717
4,4'-DDE	0.0755
4,4'-DDT	0.119

GZ-07 (3-5') - 10/6/2025
No Exceedances

GZ-01 (0-2') - 10/8/2025	
Pesticides	
4,4'-DDT	0.01

GZ-01 (2.5-4.5') - 10/8/2025
No Exceedances

GZ-02 (0-2') - 10/7/2025	
Total Metals	
Copper, Total	63
Lead, Total	150
Zinc, Total	482
Pesticides	
4,4'-DDE	0.00339 IP
4,4'-DDT	0.0107

GZ-02 (2.5-4.5') - 10/7/2025	
Total Metals	
Lead, Total	157
Zinc, Total	322
Pesticides	
4,4'-DDE	0.00575
4,4'-DDT	0.0139
PCBs	
Total PCBs	0.111 J

GZ-14 (0-2') - 10/7/2025	
SVOCs	
Benzo(b)fluoranthene	1.2
Total Metals	
Lead, Total	120
Zinc, Total	208
Pesticides	
4,4'-DDE	0.00562
4,4'-DDT	0.0115

GZ-14 (2.5-4.5') - 10/7/2025	
Pesticides	
4,4'-DDE	0.00539
4,4'-DDT	0.00585

GZ-15 (0-2') - 10/7/2025	
Pesticides	
4,4'-DDE	0.0111
4,4'-DDT	0.0311

GZ-15 (2.5-4.5') - 10/7/2025
No Exceedances

	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs
Analyte	Volatile Organic Compounds (VOCs) (mg/kg)		
Tetrachloroethene	1.3	18	1.3
Analyte	Semi-Volatile Organic Compounds (SVOCs) (mg/kg)		
Benzo(a)anthracene	1	1	1
Benzo(a)pyrene	1	1	22
Benzo(b)fluoranthene	1	1.4	2.1
Benzo(ghi)perylene	0.64	4.9	1000
Benzo(k)fluoranthene	0.8	4.9	2
Chrysene	1	4.9	1
Dibenzo(a,h)anthracene	0.33	0.33	1000
Indeno(1,2,3-cd)pyrene	0.5	1.4	6.6
Naphthalene	12	100	12
Phenanthrene	1	5	1,000
Analyte	Total Metals (mg/kg)		
Arsenic, Total	13	16	16
Copper, Total	50	280	1,720
Lead, Total	63	400	450
Mercury, Total	0.18	0.3	0.73
Nickel, Total	30	320	130
Zinc, Total	109	6,600	2,480
Analyte	Pesticides (mg/kg)		
4,4'-DDD	0.0033	5	14
4,4'-DDE	0.0033	3.4	9.3
4,4'-DDT	0.0033	3.8	135
Analyte	Polychlorinated Biphenyls (PCBs) (ug/kg)		
Total PCBs	0.1	1	3.2

Analyte exceeds the New York State Department of Environmental Conservation (NYSDEC) Part 375 Unrestricted Use Soil Cleanup Objectives (SCOs), revised December 2025

Analyte exceeds the NYSDEC Part 375 Unrestricted Use and Restricted Residential Use SCOs, rev. Dec. 2025

Analyte exceeds the NYSDEC Part 375 Unrestricted Use, Restricted Residential Use, and Protection of Groundwater SCOs, rev. Dec. 2025

Analyte exceeds the NYSDEC Part 375 Unrestricted Use and Protection of Groundwater SCOs, rev. Dec. 2025

GENERAL NOTES

1. BASE MAP DEVELOPED FROM "BORING HOLE & MONITORING WELL LOCATION SURVEY", SURVEY NO. 65714–1, BY MONTROSE SURVEYING CO., LLP., DATED NOVEMBER 13, 2025, ORIGINAL SCALE 1" = 20'.
2. SEE LABORATORY REPORTS FOR ADDITIONAL INFORMATION, INCLUDING QUALIFIER DESCRIPTIONS.
3. ONLY EXCEEDANCES OF THE APPLICABLE NYSDEC PART 375 SOIL CLEANUP OBJECTIVES ARE SHOWN. FOR FULL ANALYTICAL RESULTS, SEE TABLES LOCATED IN THE REPORT.

LEGEND

- APPROXIMATE BUILDING OUTLINE
- APPROXIMATE LIMITS OF TAX PARCELS
- APPROXIMATE ABOVEGROUND STORAGE TANK LOCATION
- GZ-01 — APPROXIMATE SOIL BORING LOCATION
- GZ-01/ 2025-GMW-01 — APPROXIMATE SOIL BORING AND PERMANENT MONITORING WELL LOCATION

0 15 30 60
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53-05 BEACH CHANNEL DRIVE
EDGMERE, NEW YORK 11691

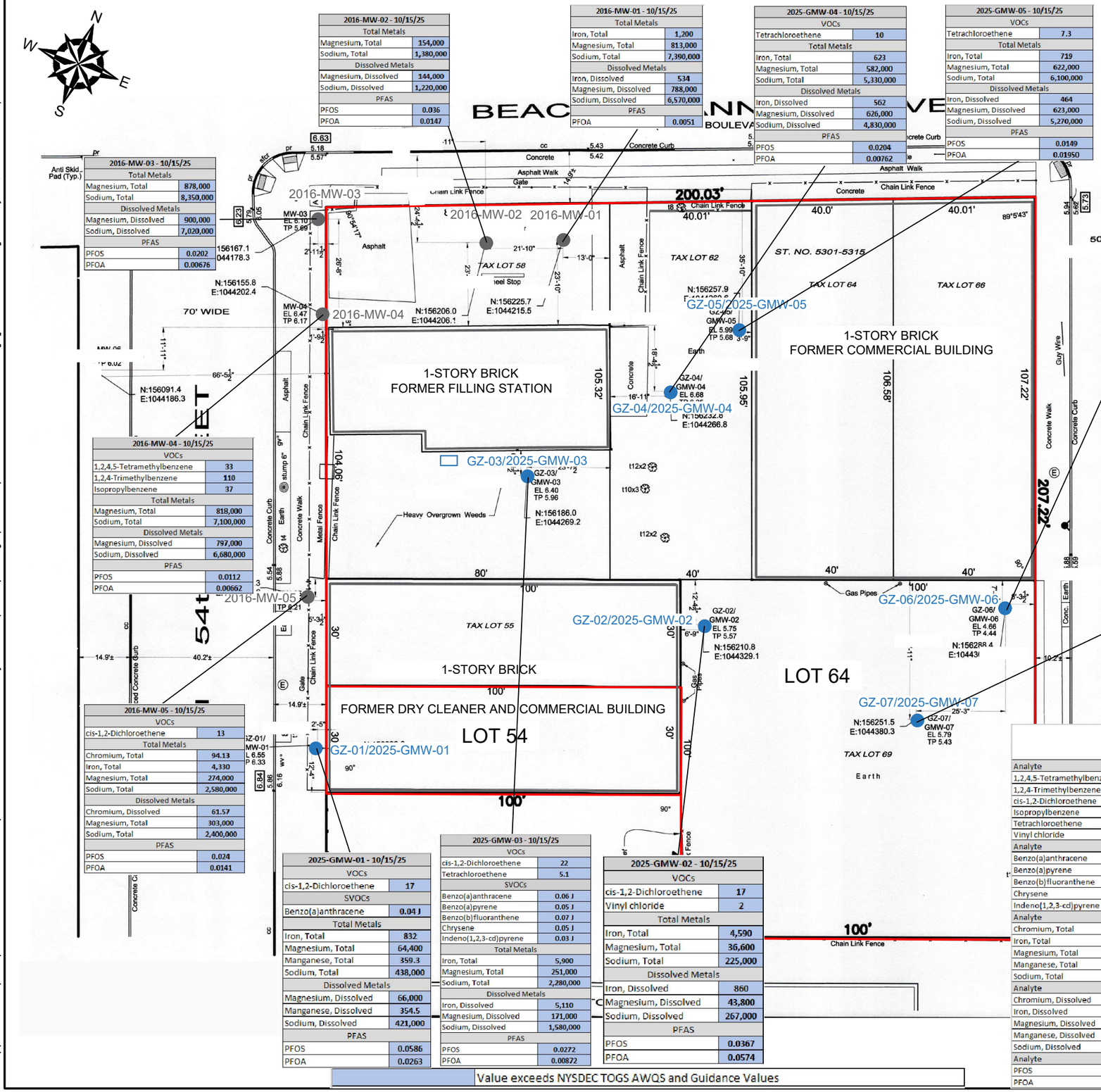
SOIL ANALYTICAL RESULTS

PREPARED BY:
GZA GeoEnvironmental of NY
Engineers and Scientists
www.gza.com

PREPARED FOR:
ARVERNE EDGEMERE LLC

PROJ MGR: RM	REVIEWED BY: RM	CHECKED BY: SK	FIGURE
DESIGNED BY: LWC	DRAWN BY: LWC	SCALE: 1" = 30'	4
DATE: JANUARY 2026	PROJECT NO. 41.0163476.00	REVISION NO. -	SHEET NO.

©2026 – GZA GeoEnvironmental of NY.
GZA–\\GZANYMan1\Jobs\Active\163400 to 163499\163476.00 – AAFE Ocean Bay Redevelopment\Drawings\GZA CAD\163476.00 – PH II lwc.dwg [F4 – Soil Results] January 21, 2026 – 3:18pm laiwa.chu



GENERAL NOTES

1. BASE MAP DEVELOPED FROM "BORING HOLE & MONITORING WELL LOCATION SURVEY", SURVEY NO. 65714–1, BY MONTROSE SURVEYING CO., LLP., DATED NOVEMBER 13, 2025, ORIGINAL SCALE 1" = 20'.
2. SEE LABORATORY REPORTS FOR ADDITIONAL INFORMATION, INCLUDING QUALIFIER DESCRIPTIONS.
3. ONLY EXCEEDANCES OF THE APPLICABLE NYSDEC TOGS STANDARDS & GUIDANCE VALUES ARE SHOWN. FOR FULL ANALYTICAL RESULTS, SEE TABLES LOCATED IN THE REPORT.

LEGEND

- APPROXIMATE BUILDING OUTLINE
- APPROXIMATE LIMITS OF TAX PARCELS
- APPROXIMATE ABOVEGROUND STORAGE TANK LOCATION
- PREVIOUS MONITORING WELL LOCATION (ECOSYSTEM SUBSURFACE INVESTIGATION 2016) — 2016-MW-01
- APPROXIMATE SOIL BORING AND PERMANENT MONITORING WELL LOCATION — GZ-01/ 2025-GMW-01

	NYSDEC Technical Operational Series (TOGS) 1.1.1 Ambient Water Quality Standards (AWQS) and Guidance Values
Analyte	Volatile Organic Compounds (VOCs) (ug/L)
1,2,4,5-Tetramethylbenzene	5
1,2,4-Trimethylbenzene	5
cis-1,2-Dichloroethene	5
Isopropylbenzene	5
Tetrachloroethene	5
Vinyl chloride	2
Analyte	Semi-Volatile Organic Compounds (SVOCs) (ug/L)
Benzo(a)anthracene	0.002
Benzo(a)pyrene	0
Benzo(b)fluoranthene	0.002
Chrysene	0.002
Indeno(1,2,3-cd)pyrene	0.002
Analyte	Total Metals (ug/L)
Chromium, Total	50
Iron, Total	300
Magnesium, Total	35,000
Manganese, Total	300
Sodium, Total	20,000
Analyte	Dissolved Metals (ug/L)
Chromium, Dissolved	50
Iron, Dissolved	300
Magnesium, Dissolved	35,000
Manganese, Dissolved	300
Sodium, Dissolved	20,000
Analyte	Per- and Polyfluoroalkyl Substances (PFAS) (ug/L)
PFOS	0.0067
PFOA	0.0027

NO.	ISSUE/DESCRIPTION	BY	DATE

UNLESS SPECIFICALLY STATED BY WRITTEN AGREEMENT, THIS DRAWING IS THE SOLE PROPERTY OF GZA GEOENVIRONMENTAL, INC. (GZA). THE INFORMATION SHOWN ON THE DRAWING IS SOLELY FOR USE BY GZA'S CLIENT OR THE CLIENT'S DESIGNATED REPRESENTATIVE FOR THE SPECIFIC PROJECT AND LOCATION IDENTIFIED ON THE DRAWING. THE DRAWING SHALL NOT BE TRANSFERRED, REUSED, COPIED, OR ALTERED IN ANY MANNER FOR USE AT ANY OTHER LOCATION OR FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF GZA. ANY TRANSFER, REUSE, OR MODIFICATION TO THE DRAWING BY THE CLIENT OR OTHERS, WITHOUT THE PRIOR WRITTEN EXPRESS CONSENT OF GZA, WILL BE AT THE USER'S SOLE RISK AND WITHOUT ANY RISK OR LIABILITY TO GZA.

OCEAN BAY REDEVELOPMENT
53-05 BEACH CHANNEL DRIVE
EDGMERE, NEW YORK 11691

GROUNDWATER ANALYTICAL RESULTS

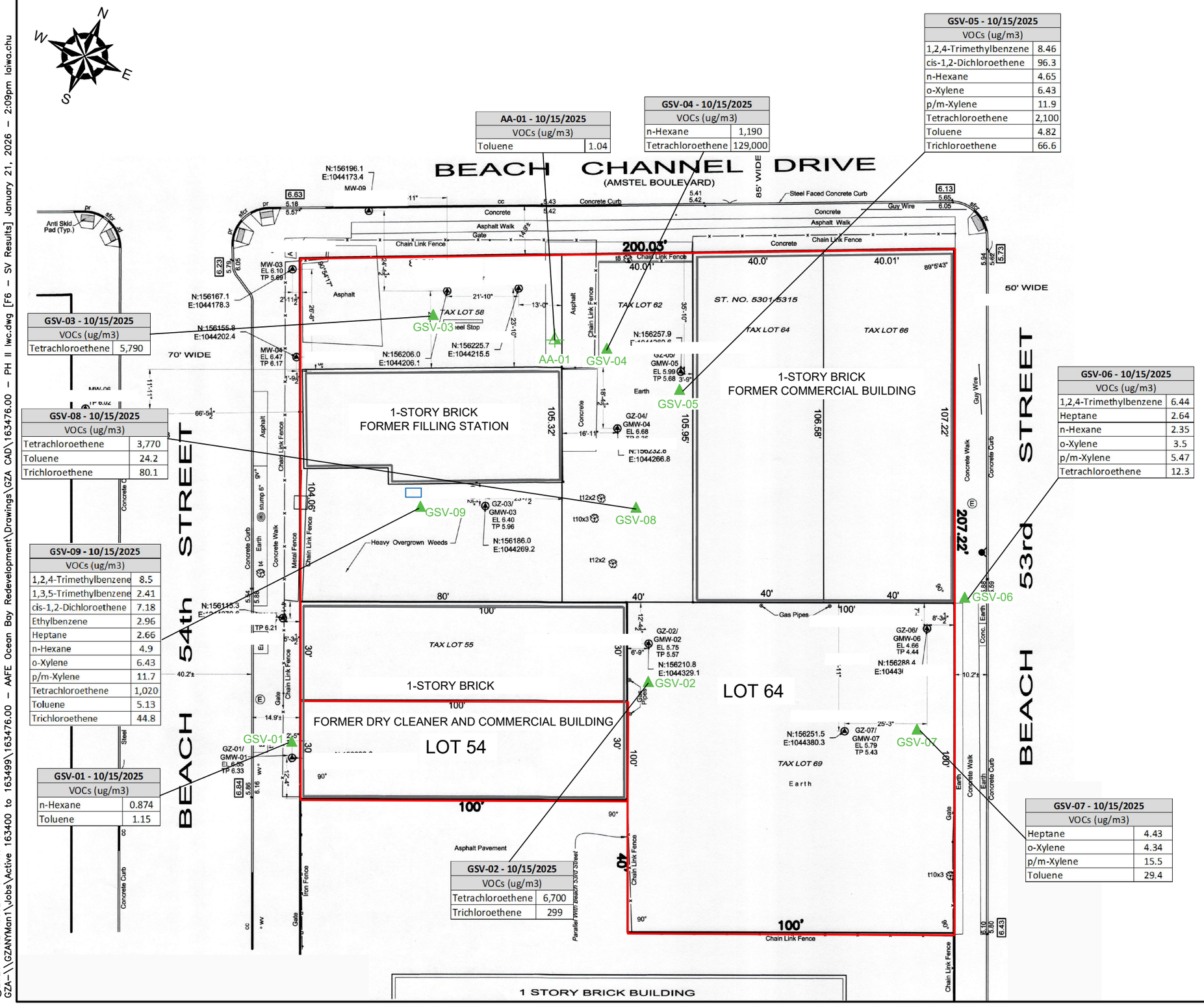
PREPARED BY:
GZA GeoEnvironmental of NY
Engineers and Scientists
www.gza.com

PREPARED FOR:
ARVERNE EDGEMERE LLC

PROJ MGR:	RM	REVIEWED BY:	RM	CHECKED BY:	SK
DESIGNED BY:	LWC	DRAWN BY:	SG	SCALE:	1" = 30'
DATE:	JANUARY 2026	PROJECT NO.	41.0163476.00	REVISION NO.	-

FIGURE 5
SHEET NO.

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GZA–\\GZANYMan1\Jobs\Active 163400 to 163499\163476.00 – AAFE Ocean Bay Redevelopment\Drawings\GZA CAD\163476.00 – PH II lwc.dwg [F5 – GW Results] January 21, 2026 – 2:08pm laiwa.chu



AA-01 - 10/15/2025	
VOCs (ug/m3)	
Toluene	1.04

GSV-04 - 10/15/2025	
VOCs (ug/m3)	
n-Hexane	1,190
Tetrachloroethene	129,000

GSV-05 - 10/15/2025	
VOCs (ug/m3)	
1,2,4-Trimethylbenzene	8.46
cis-1,2-Dichloroethene	96.3
n-Hexane	4.65
o-Xylene	6.43
p/m-Xylene	11.9
Tetrachloroethene	2,100
Toluene	4.82
Trichloroethene	66.6

GSV-03 - 10/15/2025	
VOCs (ug/m3)	
Tetrachloroethene	5,790

GSV-06 - 10/15/2025	
VOCs (ug/m3)	
1,2,4-Trimethylbenzene	6.44
Heptane	2.64
n-Hexane	2.35
o-Xylene	3.5
p/m-Xylene	5.47
Tetrachloroethene	12.3

GSV-08 - 10/15/2025	
VOCs (ug/m3)	
Tetrachloroethene	3,770
Toluene	24.2
Trichloroethene	80.1

GSV-09 - 10/15/2025	
VOCs (ug/m3)	
1,2,4-Trimethylbenzene	8.5
1,3,5-Trimethylbenzene	2.41
cis-1,2-Dichloroethene	7.18
Ethylbenzene	2.96
Heptane	2.66
n-Hexane	4.9
o-Xylene	6.43
p/m-Xylene	11.7
Tetrachloroethene	1,020
Toluene	5.13
Trichloroethene	44.8

GSV-01 - 10/15/2025	
VOCs (ug/m3)	
n-Hexane	0.874
Toluene	1.15

GSV-02 - 10/15/2025	
VOCs (ug/m3)	
Tetrachloroethene	6,700
Trichloroethene	299

GSV-07 - 10/15/2025	
VOCs (ug/m3)	
Heptane	4.43
o-Xylene	4.34
p/m-Xylene	15.5
Toluene	29.4

GENERAL NOTES

1. BASE MAP DEVELOPED FROM "BORING HOLE & MONITORING WELL LOCATION SURVEY", SURVEY NO. 65714-1, BY MONTROSE SURVEYING CO., LLP., DATED NOVEMBER 13, 2025, ORIGINAL SCALE 1" = 20'.
2. ONLY DETECTIONS OF SOIL VAPOR INTRUSION ANALYTES ARE SHOWN. FOR FULL ANALYTICAL RESULTS, SEE TABLES LOCATED IN THE REPORT.

LEGEND

- APPROXIMATE BUILDING OUTLINE
- APPROXIMATE LIMITS OF TAX PARCELS
- APPROXIMATE ABOVEGROUND STORAGE TANK LOCATION
- GSV-01 APPROXIMATE SOIL VAPOR SAMPLE LOCATION
- AA-01 APPROXIMATE AMBIENT AIR SAMPLE LOCATION

0 15 30 60
SCALE IN FEET

NO.	ISSUE/DESCRIPTION	BY	DATE

UNLESS SPECIFICALLY STATED BY WRITTEN AGREEMENT, THIS DRAWING IS THE SOLE PROPERTY OF GZA GEOENVIRONMENTAL, INC. (GZA). THE INFORMATION SHOWN ON THE DRAWING IS SOLELY FOR USE BY GZA'S CLIENT OR THE CLIENT'S DESIGNATED REPRESENTATIVE FOR THE SPECIFIC PROJECT AND LOCATION IDENTIFIED ON THE DRAWING. THE DRAWING SHALL NOT BE TRANSFERRED, REUSED, COPIED, OR ALTERED IN ANY MANNER FOR USE AT ANY OTHER LOCATION OR FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF GZA. ANY TRANSFER, REUSE, OR MODIFICATION TO THE DRAWING BY THE CLIENT OR OTHERS, WITHOUT THE PRIOR WRITTEN EXPRESS CONSENT OF GZA, WILL BE AT THE USER'S SOLE RISK AND WITHOUT ANY RISK OR LIABILITY TO GZA.

OCEAN BAY REDEVELOPMENT
53-05 BEACH CHANNEL DRIVE
EDGMERE, NEW YORK 11691

SOIL VAPOR AND AMBIENT AIR ANALYTICAL RESULTS

PREPARED BY:
GZA GeoEnvironmental of NY
Engineers and Scientists
www.gza.com

PREPARED FOR:
ARVERNE EDGEMERE LLC

PROJ MGR: RM	REVIEWED BY: RM	CHECKED BY: SK	FIGURE
DESIGNED BY: LWC	DRAWN BY: SG	SCALE: 1" = 30'	6
DATE: JANUARY 2026	PROJECT NO. 41.0163476.00	REVISION NO. -	SHEET NO.

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GZA – \\GZANYMan1\Jobs\Active\163400 to 163499\163476.00 – AAFE Ocean Bay Redevelopment\Drawings\GZA Drawings\GZA CAD\163476.00 – PH II lwc.dwg [F6 – SV Results] January 21, 2026 – 2:09pm laiwa.chu

APPENDIX A - LIMITATIONS

USE OF REPORT

1. GZA GeoEnvironmental, Inc. (GZA) prepared this Report on behalf of, and for the exclusive use of our Client for the stated purpose(s) and location(s) identified in the Proposal for Services and/or Report. Use of this Report, in whole or in part, at other locations, or for other purposes, may lead to inappropriate conclusions; and we do not accept any responsibility for the consequences of such use(s). Further, reliance by any party not expressly identified in the agreement, for any use, without our prior written permission, shall be at the party's sole risk, and without any liability to GZA.

STANDARD OF CARE

2. GZA's findings and conclusions are based on work conducted as part of the Scope of Services set forth in the Proposal for Services and/or Report and reflect our professional judgment. These findings and conclusions must be considered not as scientific or engineering certainties, but rather as our professional opinions concerning the limited data gathered during the course of our work. Conditions other than described in this report may be found at the subject location(s).

3. GZA's services were performed using the degree of skill and care ordinarily exercised by qualified professionals performing the same type of services, at the same time, under similar conditions, at the same or similar property. No warranty, express or implied, is made. Specifically, GZA does not and cannot represent that the Site contains no hazardous material, oil, or other latent condition beyond that observed by GZA during its study. Additionally, GZA makes no warranty that any response action or recommended action will achieve all of its objectives or that the findings of this study will be upheld by a local, state, or federal agency.

4. In conducting our work, GZA relied upon certain information made available by public agencies, Client and/or others. GZA did not attempt to independently verify the accuracy or completeness of that information. Inconsistencies in this information which we have noted, if any, are discussed in the Report.

SUBSURFACE CONDITIONS

5. The generalized soil profile(s) provided in our Report are based on widely-spaced subsurface explorations and are intended only to convey trends in subsurface conditions. The boundaries between strata are approximate and idealized, were developed utilizing interpolation/extrapolation methods, and were based on our assessment of subsurface conditions. The composition of strata, and the transitions between strata, may be more variable and more complex than indicated. For more specific information on soil conditions at a specific location refer to the exploration logs. The nature and extend of variations between these explorations may not become evident until further exploration or construction. If variations or other latent conditions then become evident, it will be necessary to reevaluate the conclusions and recommendations of this Report.

6. Water level readings have been made, as described in this Report, in the specified monitoring wells at the specified times and under the stated conditions. These data have been reviewed and interpretations have been made in this Report. Fluctuations in the level of the groundwater, however, occur due to temporal or spatial variations in areal recharge rates and heterogeneities, the presence of subsurface utilities, and/or natural or artificially induced perturbations. The observed water table and hydraulic heads may be other than indicated in the Report.

COMPLIANCE WITH CODES AND REGULATIONS

7. We used reasonable care in identifying and interpreting applicable codes and regulations necessary to execute our scope of work. These codes and regulations are subject to various, and possibly contradictory, interpretations. Interpretations and compliance with codes and regulations by other parties is beyond our control.

SCREENING AND ANALYTICAL TESTING

8. GZA collected environmental samples at the locations identified in the Report. These samples were analyzed for the specific parameters identified in the Report. Additional constituents, for which analyses were not conducted, may be present in soil, groundwater, surface water, sediment, and/or air. Future Site activities and uses may result in a requirement for additional testing.

9. Our interpretation of field screening and laboratory data is presented in the Report. Unless noted otherwise, we relied upon the laboratory's QA/QC program to validate these data.

10. Variations in the types and concentrations of contaminants observed at a given location or time may occur due to release mechanisms, disposal practices, changes in flow paths, and/or the influence of various physical, chemical, biological, or radiological processes. Subsequently observed concentrations may be other than indicated in the Report.

INTERPRETATION OF DATA

11. Our opinions are based on available information and data as described in the Report, and on our professional judgment. Additional observations made over time, and/or space, may not support he opinions provided in the Report.

ADDITIONAL INFORMATION

12. In the event that the Client or others authorized to use this report obtain additional information on environmental or hazardous waste issues at the Site not contained in this Report, such information shall be brought to GZA's attention forthwith. GZA will evaluate such information and, on the basis of this evaluation, may modify the conclusions stated in this Report.

ADDITIONAL SERVICES

13. GZA recommends that we be retained to provide services during any future investigations, design, implementation, activities, construction, and/or property development/redevelopment of the Site. This will allow us the opportunity to: i) observe conditions and compliance with our design concepts and opinions; ii) allow for changes in the event that conditions are other than anticipated; iii) provide modifications to our design; and iv) assess the consequences of changes in technologies and/or regulations.

APPENDIX B – SITE PHOTOGRAPHS

GZA GeoEnvironmental of New York

SITE PHOTOGRAPHS

Client Name:	Site Location:	Project No.:
Averne Edgemere LLC	53-05 Beach Channel Drive, Edgemere, NY	41.0163476.00

Photo No.:	Date:
1	10/8/25

Direction Photo Taken:
East

Description:
Closed stores along Beach 54th Street.



Photo No.:	Date:
2	10/8/25

Direction Photo Taken:
North

Description:
Former Lot 62, PG installing soil vapor point GSV-04.



Client Name:	Site Location:	Project No.:
Averne Edgemere LLC	53-05 Beach Channel Drive, Edgemere, NY	41.0163476.00

Photo No.:	Date:
3	10/6/25

Direction Photo Taken:
West

Description:
Closed former filling station/store at the corner of Beach Channel Drive and Beach 54th Street.



Photo No.:	Date:
4	10/7/25

Direction Photo Taken:
West

Description:
Overgrown brush at the former Lot 69



Client Name:	Site Location:	Project No.:
Averne Edgemere LLC	53-05 Beach Channel Drive, Edgemere, NY	41.0163476.00

Photo No.:	Date:
5	10/7/25

Direction Photo Taken:
Northwest

Description:
Installation of GSV-06 on the sidewalk along Beach 53rd Street.



Photo No.:	Date:
6	10/8/25

Direction Photo Taken:
Northwest

Description:
Aboveground storage tank (AST) located along the southside of the building to the northwest



Client Name:	Site Location:	Project No.:
Averne Edgemere LLC	53-05 Beach Channel Drive, Edgemere, NY	41.0163476.00

Photo No.:	Date:
7	10/6/25

Direction Photo Taken:
West

Description:
Rear of Lots 64 and 55

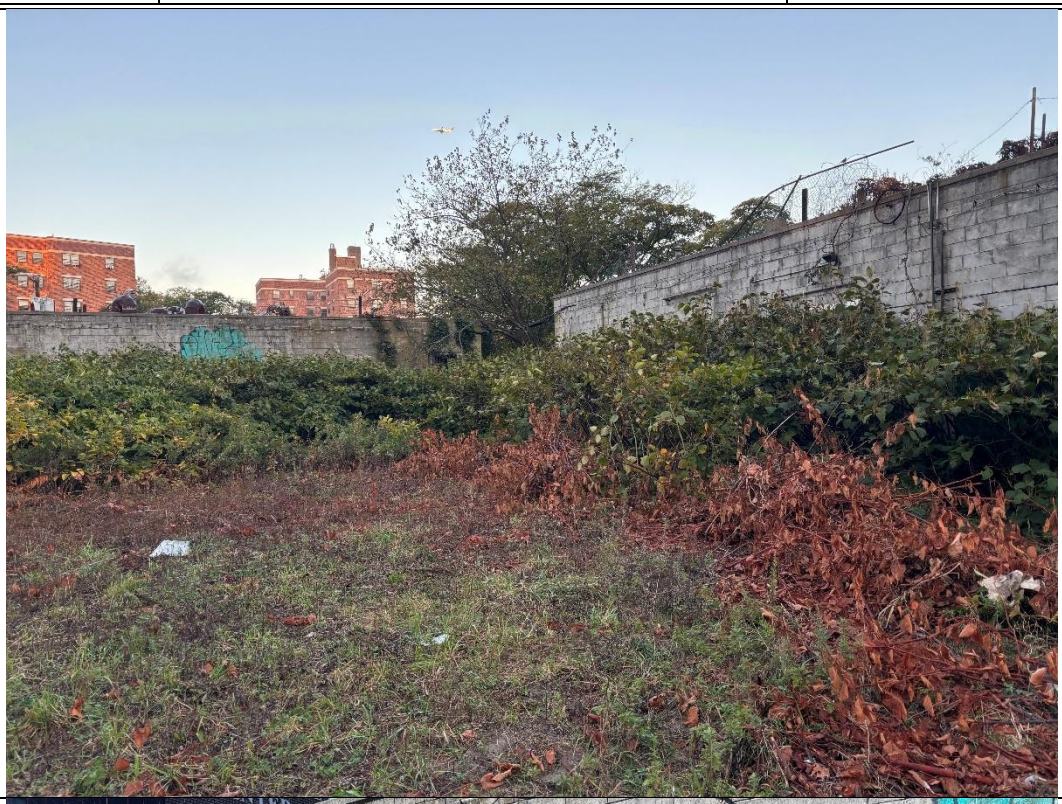


Photo No.:	Date:
8	10/7/25

Direction Photo Taken:
Southwest

Description:
Contractor drilling soil boring GZ-14 at Lot 54



Client Name:	Site Location:	Project No.:
Averne Edgemere LLC	53-05 Beach Channel Drive, Edgemere, NY	41.0163476.00

Photo No.:	Date:
9	10/8/25

Direction Photo Taken:
Southeast

Description:
Developing monitoring well GMW-01 at Lot 54

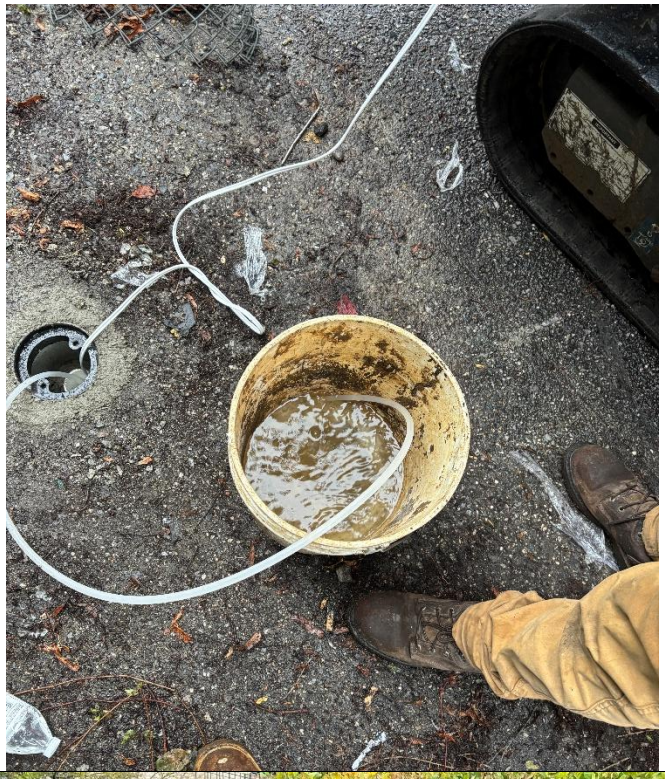


Photo No.:	Date:
10	10/15/25

Direction Photo Taken:
Southeast

Description:
GZA personnel sampling monitoring well GMW-02 at Lot 55



Client Name:	Site Location:	Project No.:
Averne Edgemere LLC	53-05 Beach Channel Drive, Edgemere, NY	41.0163476.00

Photo No.:	Date:
11	10/6/25

Direction Photo Taken:
North

Description:
Contractor installing monitoring well GMW-07 at former Lot 69



Photo No.:	Date:
12	10/6/25

Direction Photo Taken:
North

Description:
Photo of monitoring well GMW-07 at former Lot 69



Client Name:	Site Location:	Project No.:
Averne Edgemere LLC	53-05 Beach Channel Drive, Edgemere, NY	41.0163476.00

Photo No.:	Date:
13	10/6/25

Direction Photo Taken:
Northeast

Description:
Photo of soil vapor point GSV-03 at former Lot 58



Photo No.:	Date:
14	10/8/25

Direction Photo Taken:
East

Description:
GZA personnel sampling soil boring GZ-12



Client Name:	Site Location:	Project No.:
Averne Edgemere LLC	53-05 Beach Channel Drive, Edgemere, NY	41.0163476.00

Photo No.:	Date:
15	10/7/25

Direction Photo Taken:
North

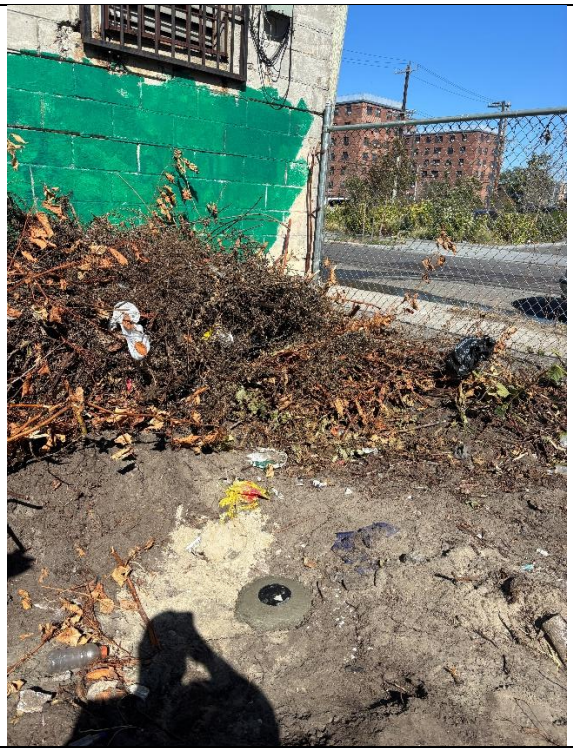
Description:
Vegetation cleared from former lots 55, 58, and 62.



Photo No.:	Date:
16	10/6/25

Direction Photo Taken:
Northeast

Description:
Photo of monitoring well GMW-06 at former Lot 66



APPENDIX C – TAX LOT MERGER

New York City Department of Finance ● Property Division ● Tax Map Office

APPLICATION FOR APPORTIONMENTS OR MERGERS

Instructions: Please complete this application and *submit in person* to: ***Department of Finance, Property Division - Tax Map Office, 66 John Street, 2nd floor,*** *New York, NY 10038.* Please read the instructions for further details before completing this form. Print clearly.

SECTION A: PROPERTY INFORMATION

Borough: **QUEENS** Block: **15890** Present Lot(s): **55, 58, 62, 64, 66, 69**

DO NOT WRITE IN THIS SPACE - FOR OFFICE USE ONLY
Lot Number: 64

☒ Merger ☐ Apportionment Number of Lots Requested **1**

☐ Air ☐ Subterranean

Lot(s)Usage: (check one)
☐ *Residential* Building Gross Sq/Ft:_____
☐ *Commercial* Building Gross Sq/Ft:_____
☒ *Mix* (Residential & Commercial) Building Gross Sq/Ft: **95,408 SF**

1. Property Owner's Name (as per Deed): _____ (LAST NAME) _____ (FIRST NAME)
   OR
   Company Name: **NEW YORK CITY HOUSING AUTHORITY**
2. Property Address: **53-05 BEACH CHANNEL DRIVE** (NUMBER AND STREET) **QUEENS** (CITY) **NY** (STATE) **11691** (ZIP CODE)
3. Filing Representative (if applicable): **BMB BUILDING CONSULTING INC**

SECTION B: CERTIFICATION

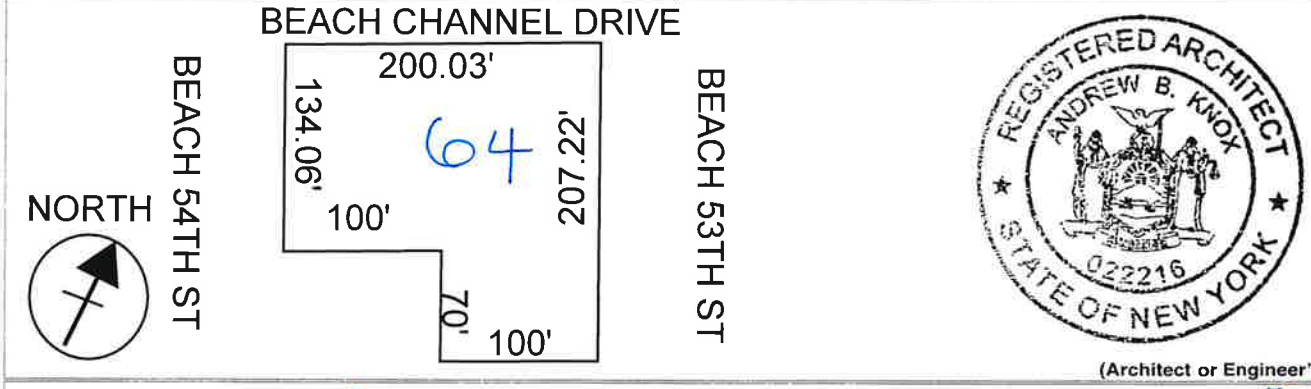
1. Architect/Engineer/Applicant's Name: **KNOX** (LAST NAME) **ANDREW** (FIRST NAME)
2. Address: **52 DUANE STREET, SUITE #501** (NUMBER AND STREET) **NEW YORK** (CITY) **NY** (STATE) **10007** (ZIP CODE)
3. Telephone Number: **212-431-4901** 4. Email Address: **AKNOX@EDELMANSULTAN.COM**

The applicant hereby certifies that, in making this application for merger/apportionment, s/he is the owner, or acting under the direction of the owner.

Signature of Architect/ Engineer/Applicant: _____ **Date:** 2025 / 09 / 17

TAX MAP CHANGE WILL NOT BE MADE UNTIL PRESENTATION OF REQUIRED DOCUMENTS (see reverse for the required documents)

DRAW SKETCH TO SCALE 1" = 50', IF POSSIBLE INDICATE NORTH ARROW



(Architect or Engineer's seal)

Tentative Lot(s) issued:
Customer Service Representative: _____ Date: 9/18/25 New Lot(s): — Lot(s) Affected: 64 Lot(s) Dropped: 66, 69 58, 62, 55

Please note: Map changes will not be made until presentation of all required documents is reviewed and approved by the Specialist. Lots are tentative until final approval is received from the Tax Map Office.

Map Updated:
Tax Map Specialist: _____ Date: ___/___/___

RP-602 Rev. 7.8.2019

NYC

Department of Finance

PROPERTY DIVISION

TAX MAP UNIT

FEE SHEET

Date: 9-18-25

Borough: 4

Block: 15890

Lot: 55

SERVICE	COST	QUANTITY	AMOUNT
Tax Map Certification	$10.00		
New Lot Request For Mergers Apportionments (RP-602), and Lot Request For Condominium Amendment Applications	$73.00	1	$73.00

NYC Business Centers
Department of Finance
Manhattan Business Center
66 John Street, 2nd Floor
New York, NY 10038

Reference Number: 2025261023-19
Date/Time: 09/18/2025 12:20:21 PM

Miscellaneous Fee $73.00
2025261023-19-1
CPRR Trans Code: 9507
Transaction ID: 99550000000000000000MCE02
UserId:NYC4250
Total: $73.00

1 ITEM TOTAL: $73.00

TOTAL: $73.00

ICL Personal Check $73.00
Check Nbr: 8822
Total Received: $73.00

CE20252610 23-19

Thank you! Have a nice day.

APPENDIX D – GEOPHYSICAL SURVEY REPORT

PG Environmental Services, Inc
Solutions you deserve ; Partners you can trust

45 Austin Blvd, Commack NY 11725
T (631) 901-1888 / F (631) 901-1889
www.pgenviro.com

October 24, 2025

Mr. Mark R. Frey
Assistant Project Manager
GZA
324 South Service Road, Suite 119
Melville, NY 11747

Re: **Ground Penetrating Radar (GPR)**
53-05 Beach Channel Drive, Far Rockaway NY

Dear Mr. Frey:

PG Environmental Services, Inc. (PGES) has performed contracting services involving the performance of a Ground Penetrating Radar (GPR) Survey, associated with the above-referenced property.

SITE DESCRIPTION

The Site consists of a triangular shaped lot and is approximately 37,000 square feet in area. The subject site is currently a multiple vacant 1-story commercial buildings with open land. **Appendix A** provides a site plan for the site.

GPR SURVEY

The GPR survey was performed on October 6 and 7, 2025, utilizing a GSSI Radan 7 control unit and a 300-megahertz antenna. Before the start of the survey, a visual inspection of the property was performed to identify specific areas where the tank could be present and where all drilling locations would be performed.

RESULTS

No anomalies were identified during this survey. Additionally, all borings locations were cleared for drilling activities. **Appendix B** provides scans from the GPR Unit.

We appreciate the opportunity to provide you with our services and hope the information presented above has proven valuable to this phase of your project. Please do not hesitate to contact us at your convenience.

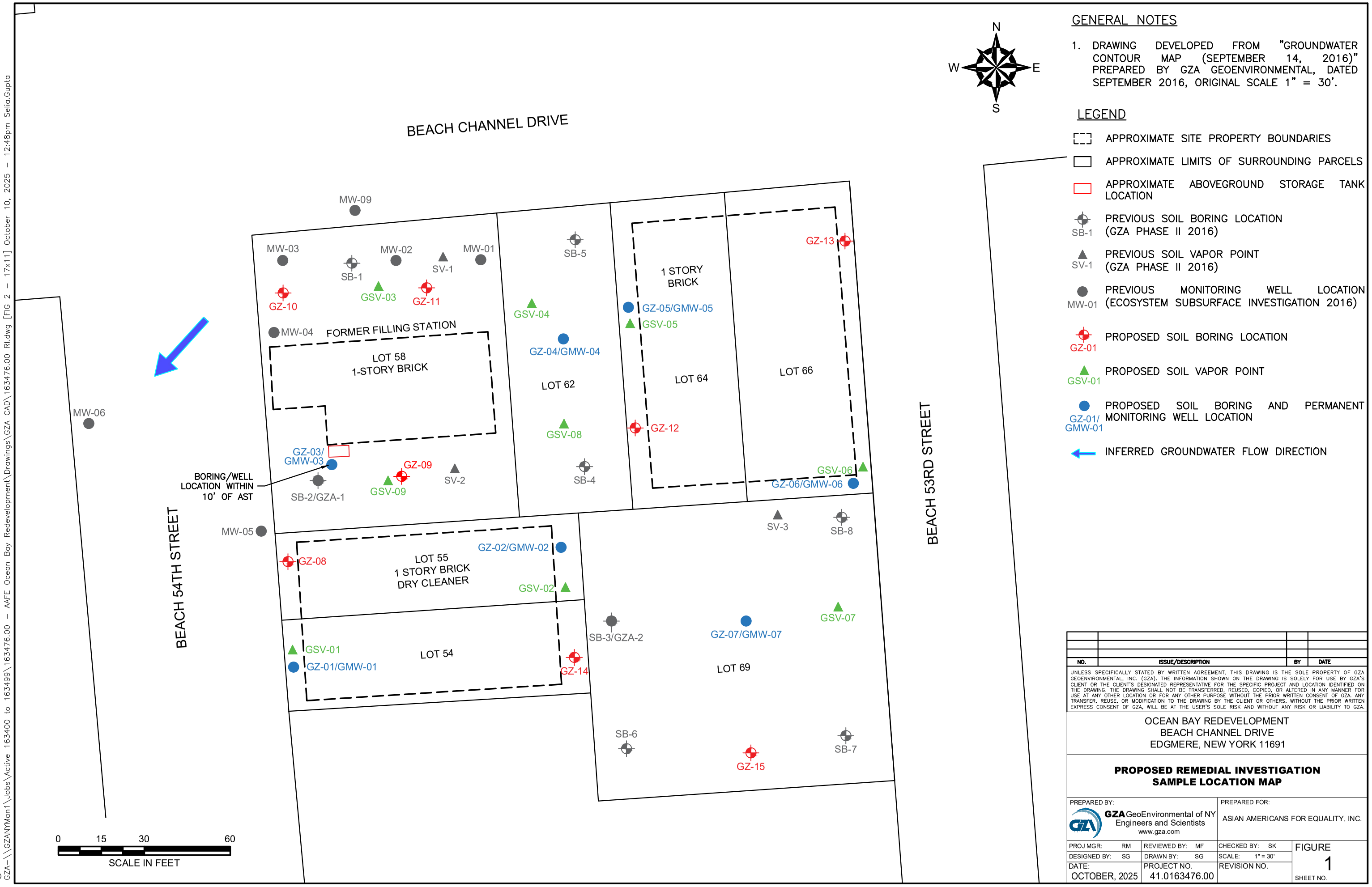
Very Truly Yours,
PG Environmental Services, Inc.

Carlos Quinonez
President

BQ/cq
Encl.

Cc: PGES File 16692 w/Encs.

APPENDIX A



GENERAL NOTES

1. DRAWING DEVELOPED FROM "GROUNDWATER CONTOUR MAP (SEPTEMBER 14, 2016)" PREPARED BY GZA GEOENVIRONMENTAL, DATED SEPTEMBER 2016, ORIGINAL SCALE 1" = 30'.

LEGEND

- APPROXIMATE SITE PROPERTY BOUNDARIES
- APPROXIMATE LIMITS OF SURROUNDING PARCELS
- APPROXIMATE ABOVEGROUND STORAGE TANK LOCATION
- SB-1: PREVIOUS SOIL BORING LOCATION (GZA PHASE II 2016)
- SV-1: PREVIOUS SOIL VAPOR POINT (GZA PHASE II 2016)
- MW-01: PREVIOUS MONITORING WELL LOCATION (ECOSYSTEM SUBSURFACE INVESTIGATION 2016)
- GZ-01: PROPOSED SOIL BORING LOCATION
- GSV-01: PROPOSED SOIL VAPOR POINT
- GZ-01/ GMW-01: PROPOSED SOIL BORING AND PERMANENT MONITORING WELL LOCATION
- INFERRED GROUNDWATER FLOW DIRECTION

NO.	ISSUE/DESCRIPTION	BY	DATE

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OCEAN BAY REDEVELOPMENT
BEACH CHANNEL DRIVE
EDGMERE, NEW YORK 11691

PROPOSED REMEDIAL INVESTIGATION SAMPLE LOCATION MAP

PREPARED BY: GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com		PREPARED FOR: ASIAN AMERICANS FOR EQUALITY, INC.	
PROJ MGR: RM	REVIEWED BY: MF	CHECKED BY: SK	FIGURE 1 SHEET NO.
DESIGNED BY: SG	DRAWN BY: SG	SCALE: 1" = 30'	
DATE: OCTOBER, 2025	PROJECT NO. 41.0163476.00	REVISION NO.	

©2025 – GZA GeoEnvironmental of NY.
GZA–\\GZANYMan1\Jobs\Active 163400 to 163499\163476.00 – AAFE Ocean Bay Redevelopment\Drawings\GZA CAD\163476.00 RI.dwg [FIG 2 – 17x11] October 10, 2025 – 12:48pm Selia.Gupta

APPENDIX B

CONSTRUCTION ZONE
NO PARKING ANY TIME
VIOLATORS WILL BE TOWED AT VEHICLE OWNER'S EXPENSE

CONSTRUCTION ZONE
NO PARKING ANY TIME

B 54 St
Pat Simon

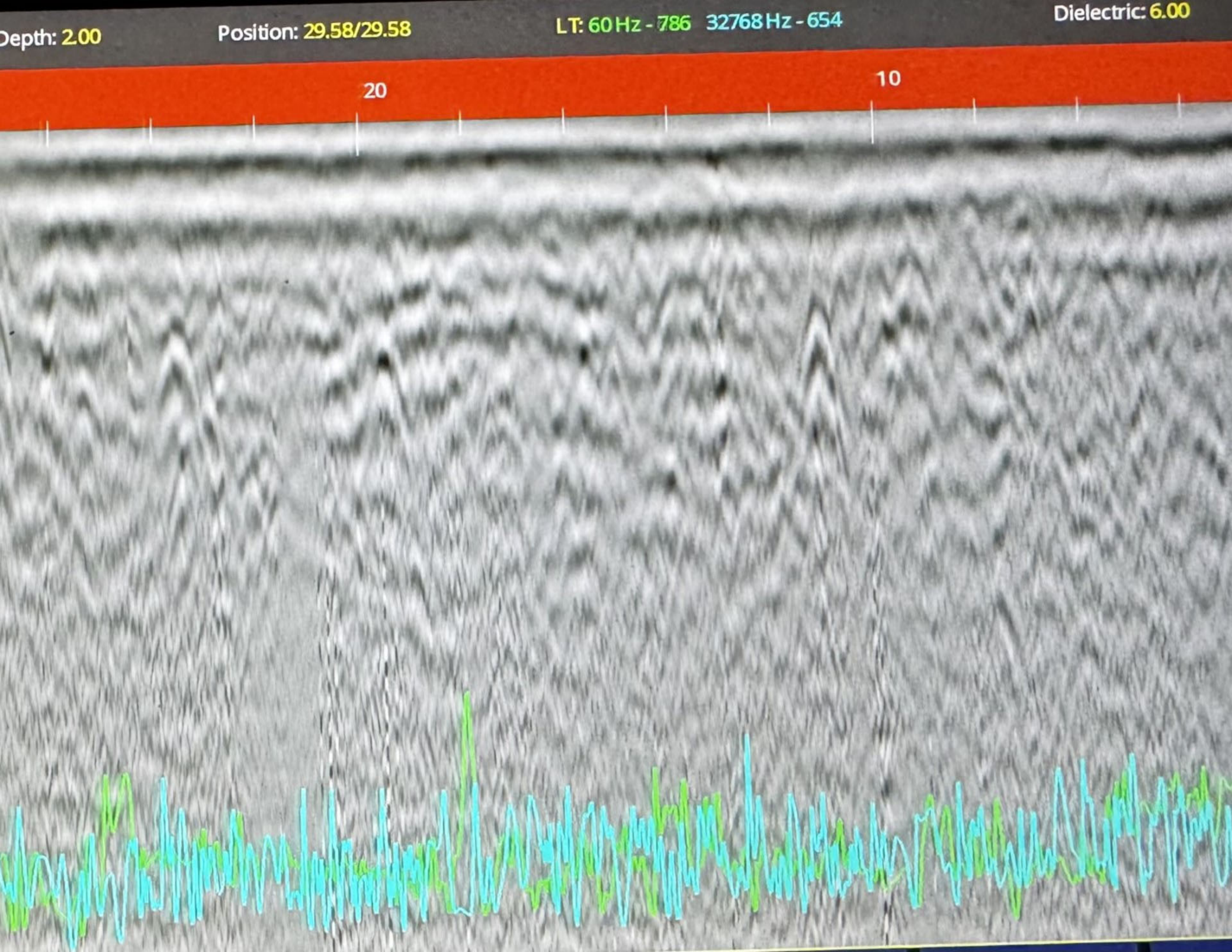

Geoprobe 6712DT
got drilling?
carlo@pgenviro.com

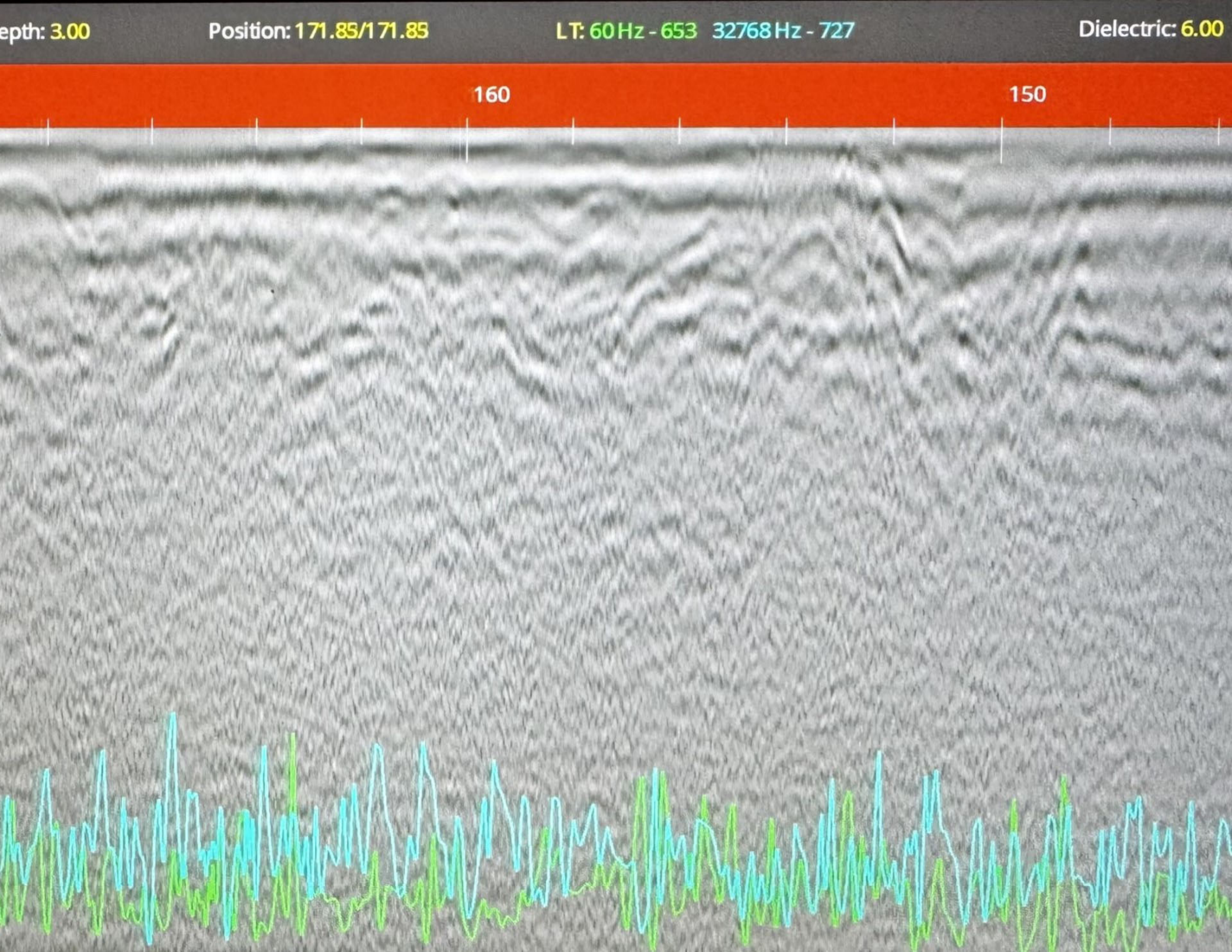

LAWRENCE
NURSING CARE
CENTER

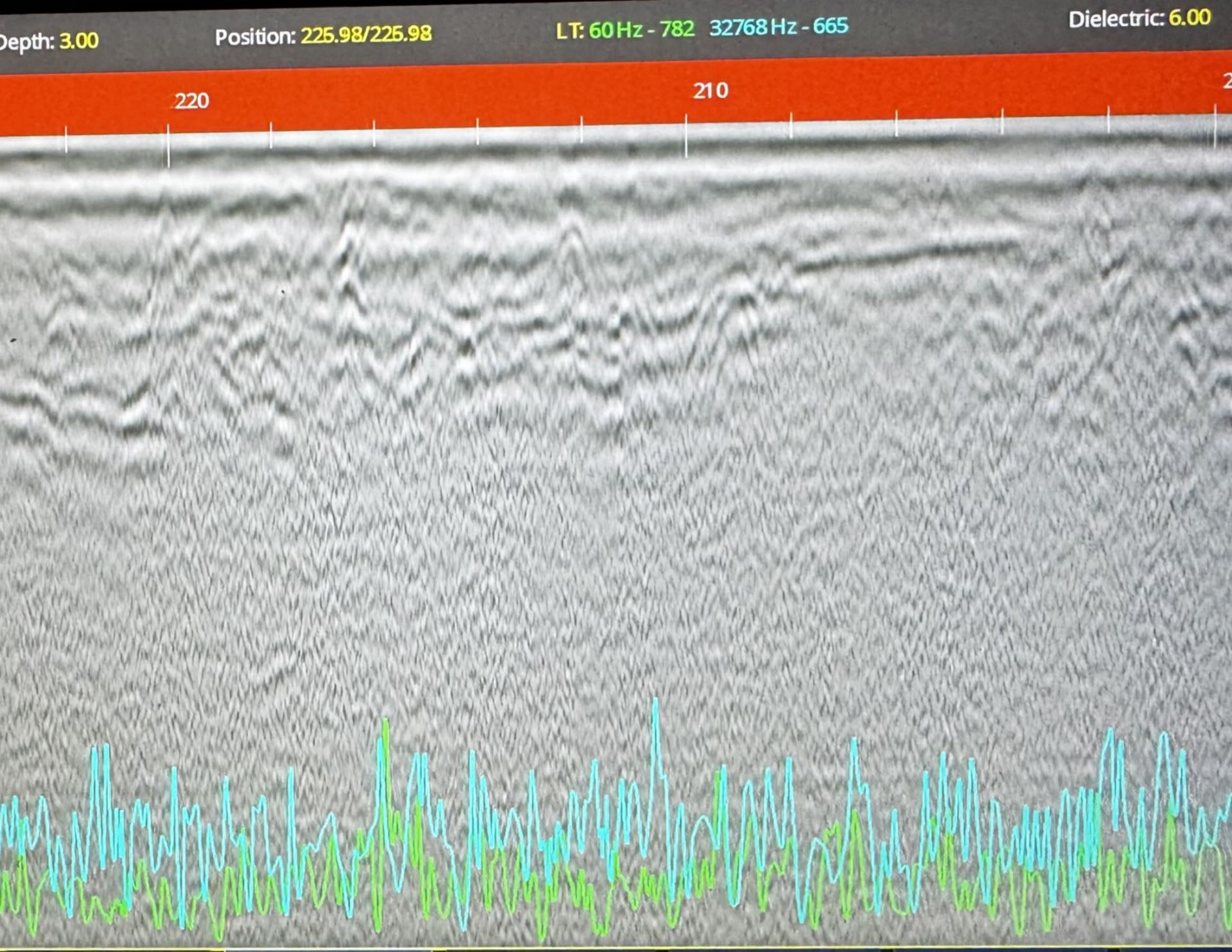

got drilling?
PG Environmental Services

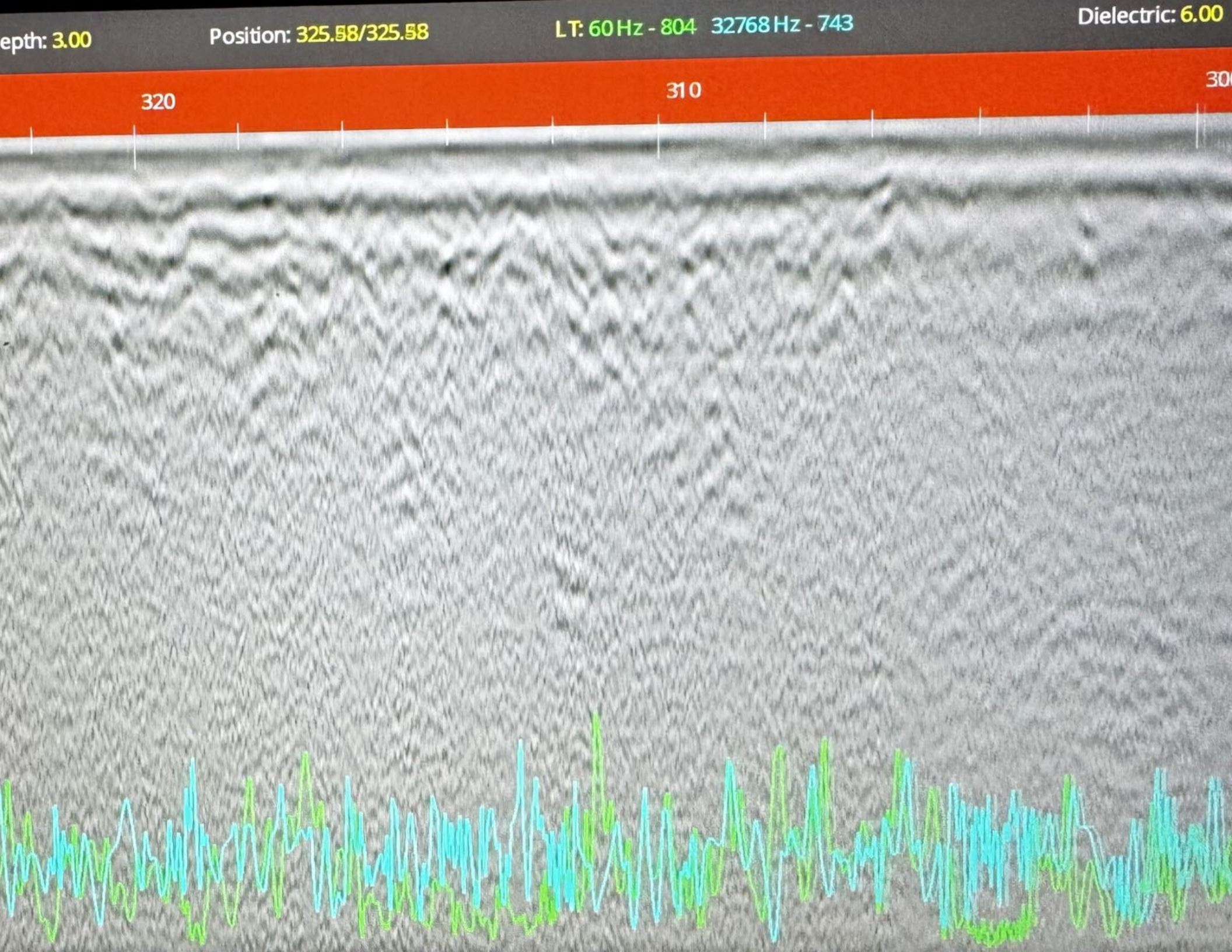


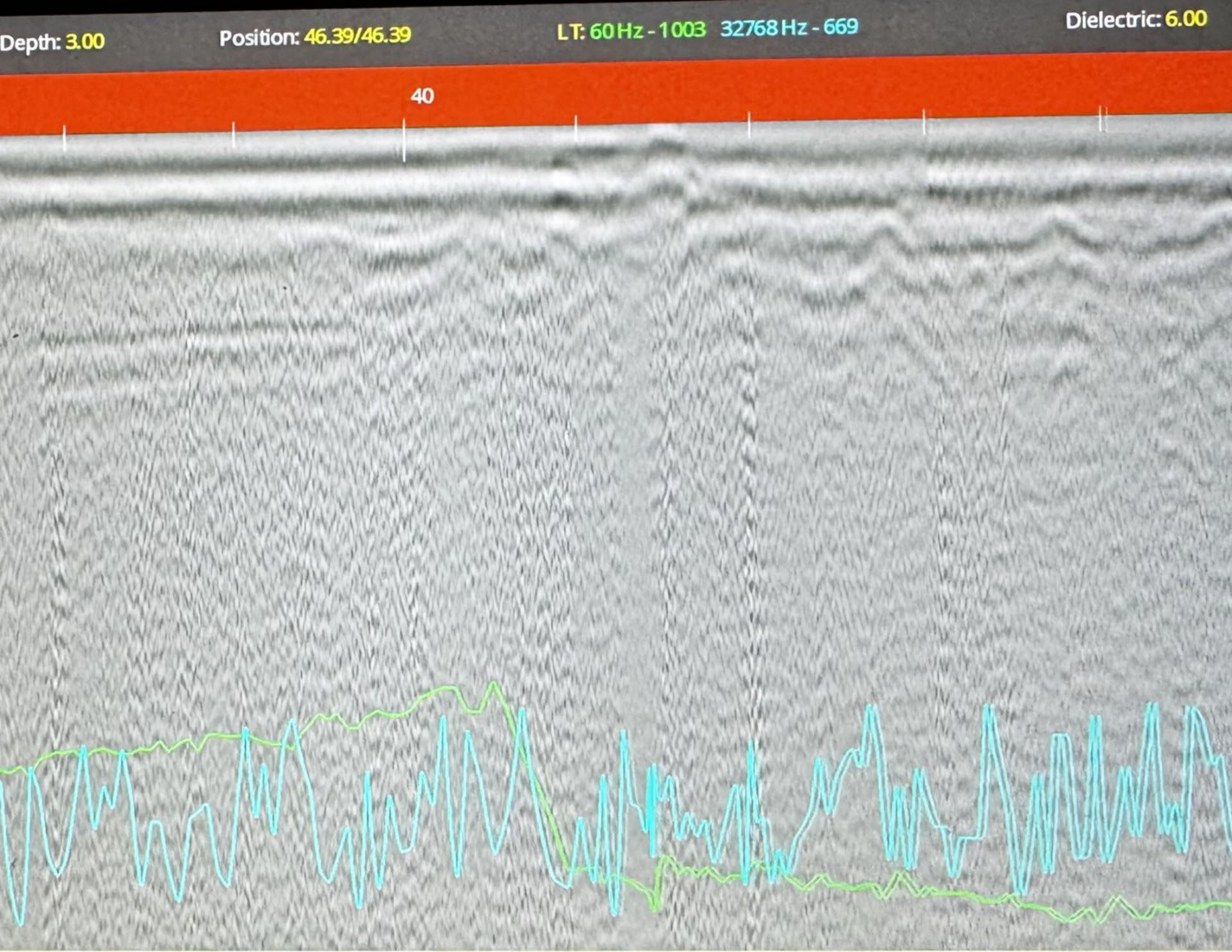
APPENDIX C


Depth: 2.00
Position: 29.58/29.58
LT: 60 Hz - 786 32768 Hz - 654
Dielectric: 6.00
20
10

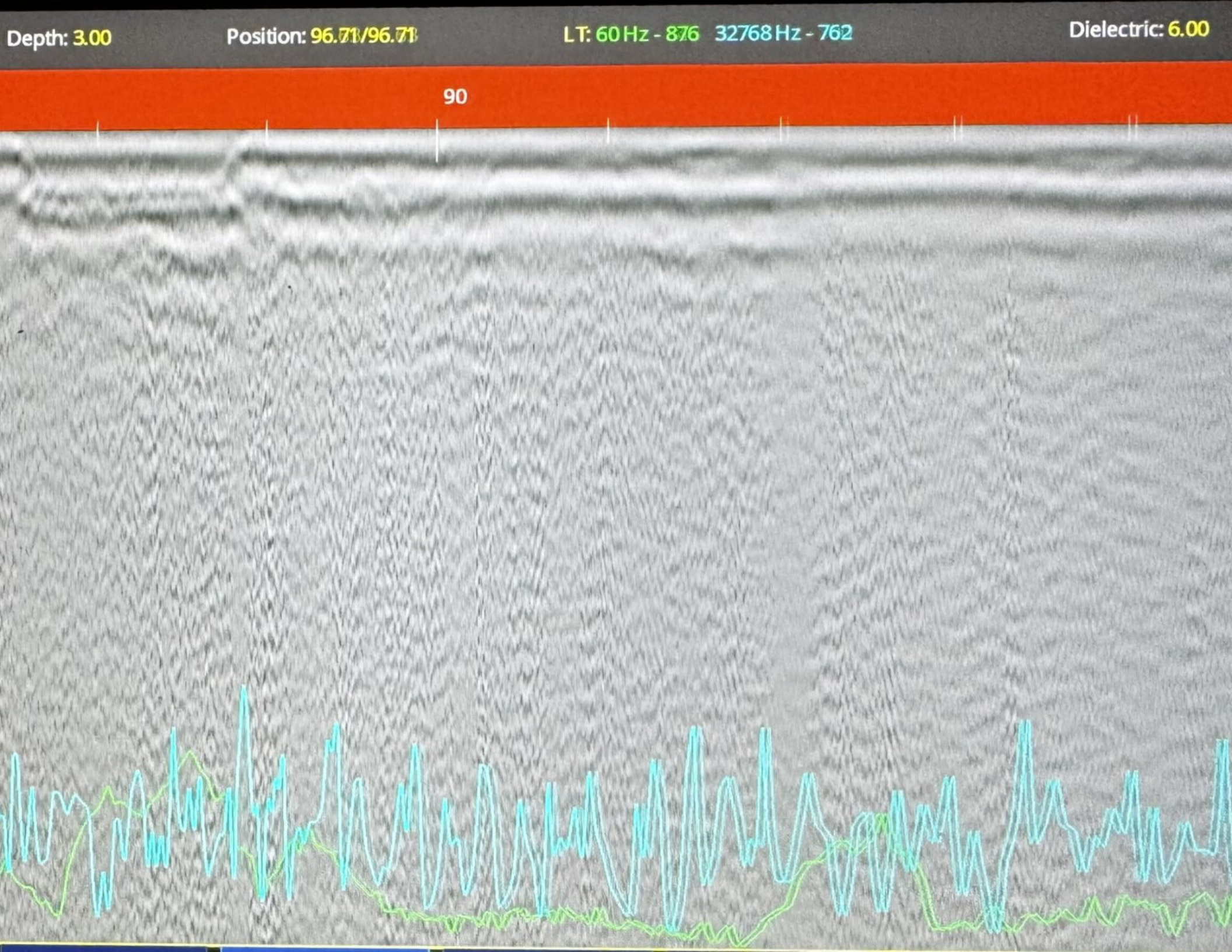

epth: 3.00
Position: 171.85/171.85
LT: 60 Hz - 653 32768 Hz - 727
Dielectric: 6.00
160
150

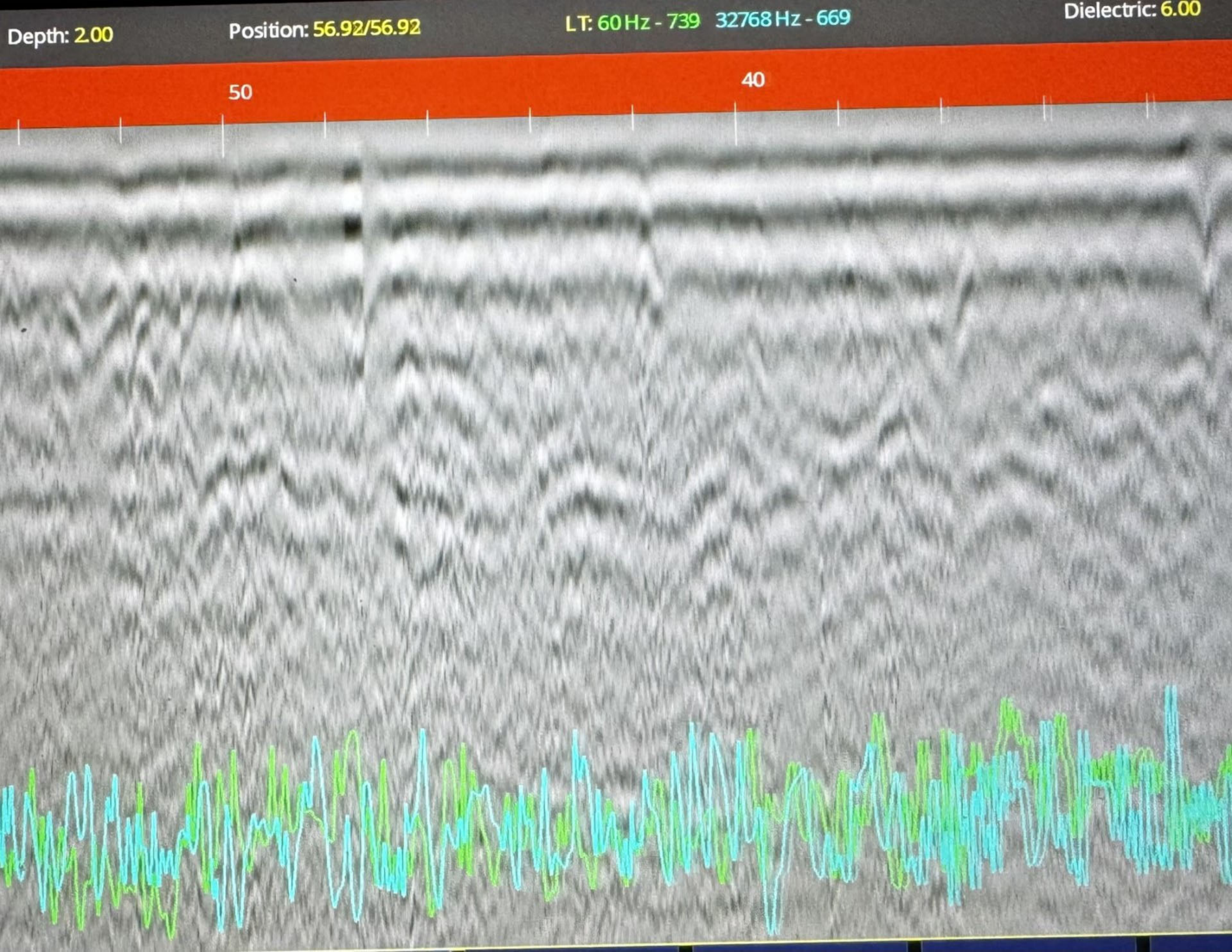

Depth: 3.00
Position: 225.98/225.98
LT: 60 Hz - 782 32768 Hz - 665
Dielectric: 6.00
220
210

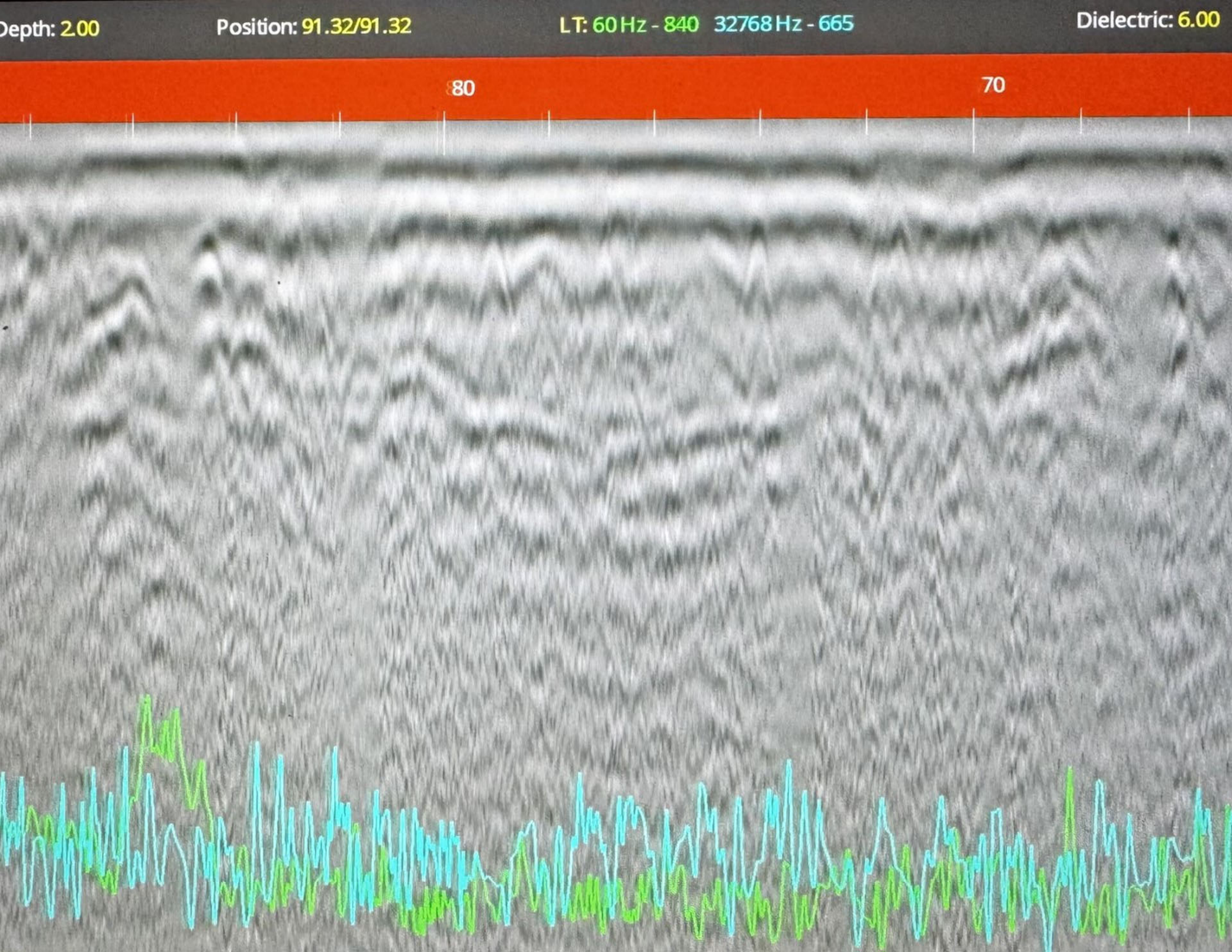

epth: 3.00
Position: 325.58/325.58
LT: 60 Hz - 804 32768 Hz - 743
Dielectric: 6.00
320
310
300

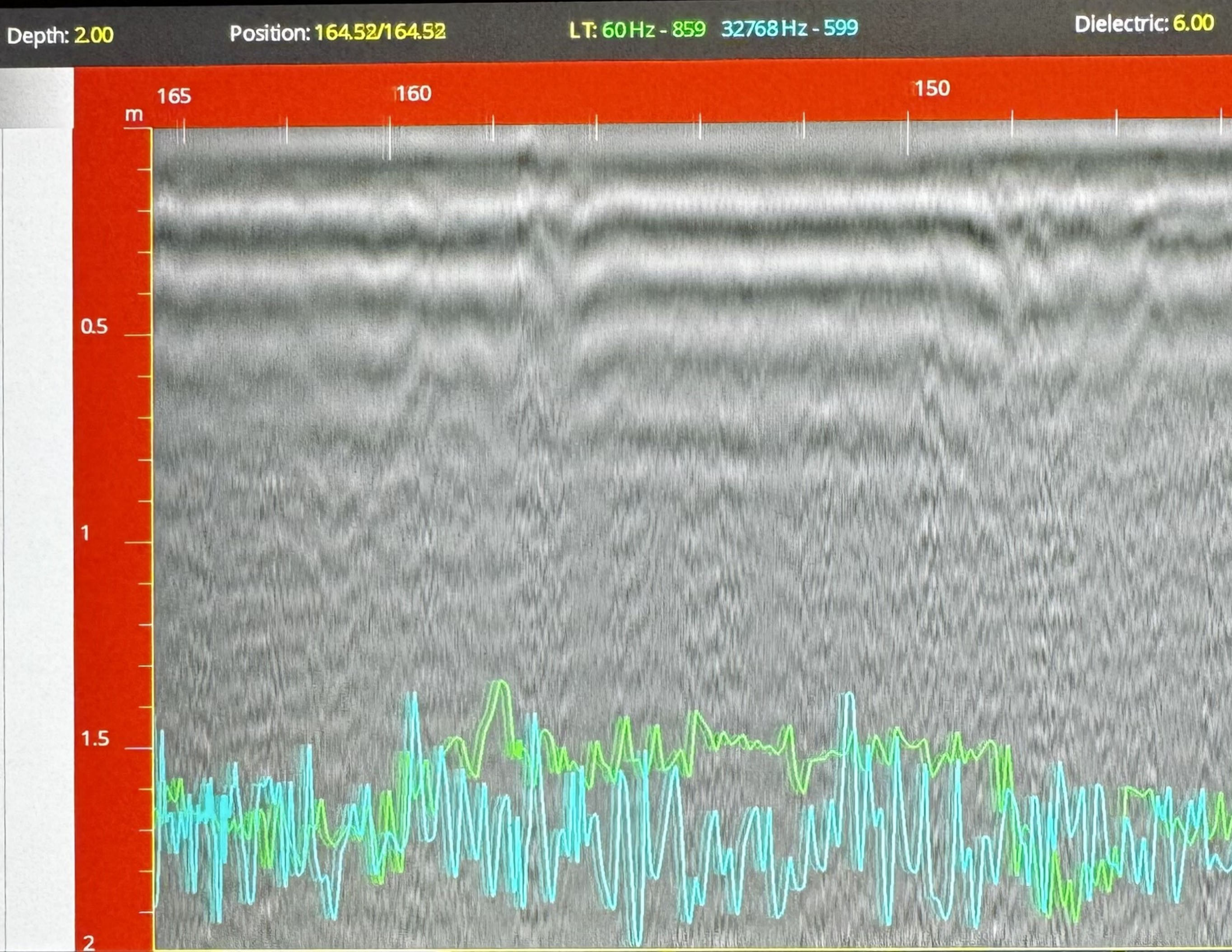

Depth: 3.00
Position: 46.39/46.39
LT: 60 Hz - 1003 32768 Hz - 669
Dielectric: 6.00
40


Depth: 3.00
Position: 67.99/67.99
LT: 60 Hz - 783 32768 Hz - 792
Dielectric: 6.00
60


Depth: 3.00
Position: 96.71/96.71
LT: 60 Hz - 876 32768 Hz - 762
Dielectric: 6.00
90


Depth: 2.00
Position: 56.92/56.92
LT: 60 Hz - 739 32768 Hz - 669
Dielectric: 6.00
50
40


Depth: 2.00
Position: 91.32/91.32
LT: 60 Hz - 840 32768 Hz - 665
Dielectric: 6.00
80
70


Depth: 2.00
Position: 164.52/164.52
LT: 60 Hz - 859 32768 Hz - 599
Dielectric: 6.00
165
160
150
m
0.5
1
1.5
2

APPENDIX E – SOIL BORING LOGS

BORING LOG

GZA GeoEnvironmental of New York
Known for excellence. Built on trust.

Averne Edgemere LLC
Ocean Bay Redevelopment
53-05 Beach Channel Drive
Edgemere, New York

EXPLORATION NO.: GZ-01
SHEET: 1 of 1
PROJECT NO: 41.0163476.00
CHECKED BY: RM

Logged By: M. Frey
Drilling Co.: PG Environmental
Foreman: E. Mejia
Date Start: 10/8/2025 **Finish:** 10/8/2025

Type of Drill Rig: Geoprobe
Rig Model: 6712DT
Drilling Method: Direct Push
Auger/Casing O.D./I.D. Dia (in.): 6

Boring Location:
See Plan
Ground Surface Elevation (ft.): 6.55
Final Boring Depth (ft.): 10

H. Datum: State Plane
V. Datum: NAVD88
Northing: 156098
Easting: 1044309.5

Sampler Type: M
Sampler O.D. (in.): 2.0
Sampler Length (in.): 60

Sampler used throughout unless otherwise noted on the log.

Depth (ft)	Sample No.	Sample Depth (ft.)	Sample Pen./ Rec.	Sample PID (ppm)	Sample Description Modified Burmister	Remark	Elev. (ft.)	Profile Description (NYCBC)	Depth (ft.)
1	S-1	0.0-5	60/34	0	S-1 : 0-10" Concrete 5-34" Brown Fine to Medium SAND, some Gravel, little Silt, fill (brick, concrete)		5.75	CONCRETE	0.8
2				0					
3				0				FILL	
4				0					
5				0		1	1.55		5
6	S-2	5.0-10	60/47	0	S-2 : 0-12" Brown Fine to Medium SAND, some Silt 12-29" Grey Fine to Medium SAND, some Silt, trace Gravel 29-47" Grey CLAYEY SILT, some Fine Sand, trace Organic Materials			SAND	
7				0					
8				0			-1.45		8
9				0				CLAYEY SILT	
10							-3.45		10
11					End of exploration at 10 feet.	2			
12									
13									
14									
15									
16									
17									
18									
19									
20									

REMARKS

1 - Groundwater was encountered at approximately 4.5 feet bgs.
2 - 2025-GMW-01 installed to 13 feet bgs with hollow stem augers.

Field Screening performed with PID equipped with a 10.6 eV lamp calibrated to a 100 ppm isobutylene standard.
All depth measurements are approximate. Stratification lines represent approximate boundary between soil types, transitions may be gradual. Water level readings have been made at times and under conditions stated.
Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

GZ-01

BORING LOG GZA ENV-NO GW; 12/2/2025; 12:44:16 PM

BORING LOG

GZA GeoEnvironmental of New York
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Averne Edgemere LLC
Ocean Bay Redevelopment
53-05 Beach Channel Drive
Edgemere, New York

EXPLORATION NO.: GZ-02
SHEET: 1 of 1
PROJECT NO: 41.0163476.00
CHECKED BY: RM

Logged By: M. Frey
Drilling Co.: PG Environmental
Foreman: E. Mejia
Date Start: 10/7/2025 **Finish:** 10/7/2025

Type of Drill Rig: Geoprobe
Rig Model: 6712DT
Drilling Method: Direct Push
Auger/Casing O.D./I.D. Dia (in.): 6

Boring Location:
See Plan
Ground Surface Elevation (ft.): 5.75
Final Boring Depth (ft.): 10

H. Datum: State Plane
V. Datum: NAVD88
Northing: 156210.8
Easting: 1044329.1

Sampler Type: M
Sampler O.D. (in.): 2.0
Sampler Length (in.): 60

Sampler used throughout unless otherwise noted on the log.

Depth (ft)	Sample No.	Sample Depth (ft.)	Sample Pen./ Rec.	Sample PID (ppm)	Sample Description Modified Burmister	Remark	Elev. (ft.)	Profile Description (NYCBC)	Depth (ft.)
1	S-1	0.0-5	60/48	0	S-1 : 0-5" Topsoil 5-30" Brown Fine to Medium SAND, some Gravel, little Silt, fill (brick, concrete)		5.25	TOPSOIL	0.5
2				0	30-48" Tan Fine to Medium SAND, little Silt			FILL	
3				0			2.75		3
4				0					
5				0		1			
6	S-2	5.0-10	60/60	0	S-2 : 0-31" Tan Fine to Medium SAND, little Silt 31-60" Grey CLAYEY SILT, some Fine Sand, trace Organic Materials			SAND	
7				0					
8				0			-1.75		7.5
9				0				CLAYEY SILT	
10				4.7			-4.25		10
11					End of exploration at 10 feet.	2			
12									
13									
14									
15									
16									
17									
18									
19									
20									

REMARKS

1 - Groundwater was encountered at approximately 4.5 feet bgs.
2 - 2025-GMW-02 installed to 13 feet bgs with hollow stem augers.

Field Screening performed with PID equipped with a 10.6 eV lamp calibrated to a 100 ppm isobutylene standard.
All depth measurements are approximate. Stratification lines represent approximate boundary between soil types, transitions may be gradual. Water level readings have been made at times and under conditions stated.
Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

GZ-02

BORING LOG GZA ENV-NO GW; 12/2/2025; 12:45:09 PM

BORING LOG

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Averne Edgemere LLC
Ocean Bay Redevelopment
53-05 Beach Channel Drive
Edgemere, New York

EXPLORATION NO.: GZ-03
SHEET: 1 of 1
PROJECT NO: 41.0163476.00
CHECKED BY: RM

Logged By: M. Frey
Drilling Co.: PG Environmental
Foreman: E. Mejia
Date Start: 10/8/2025 **Finish:** 10/8/2025

Type of Drill Rig: Geoprobe
Rig Model: 6712DT
Drilling Method: Direct Push
Auger/Casing O.D./I.D. Dia (in.): 6

Boring Location:
See Plan
Ground Surface Elevation (ft.): 6.40
Final Boring Depth (ft.): 10

H. Datum: State Plane
V. Datum: NAVD88
Northing: 156186
Easting: 1044269.2

Sampler Type: M
Sampler O.D. (in.): 2.0
Sampler Length (in.): 60

Sampler used throughout unless otherwise noted on the log.

Depth (ft)	Sample No.	Sample Depth (ft.)	Sample Pen./ Rec.	Sample PID (ppm)	Sample Description Modified Burmister	Remark	Elev. (ft.)	Profile Description (NYCBC)	Depth (ft.)
1	S-1	0.0-5	60/43	0	S-1 : 0-3" Topsoil 3-22" Brown Fine to Medium SAND, some Gravel, little Silt, fill (brick, concrete)		6.2	TOPSOIL	0.2
2				0	22-43" Brown Fine to Coarse SAND, Little Silt			FILL	
3				0			3.4		3
4				0					
5				0		1			
6	S-2	5.0-10	60/31	0	S-2 : 0-29" Brown Fine to Coarse SAND, Little Silt 29-31" CLAYEY SILT, some Fine Sand, trace Organic Material			SAND	
7				8.4					
8				12.8					
9							-2.6		9
10							-3.6	CLAYEY SILT	10
11					End of exploration at 10 feet.	2			
12									
13									
14									
15									
16									
17									
18									
19									
20									

REMARKS

1 - Groundwater was encountered at approximately 4.5 feet bgs.
2 - 2025-GMW-03 installed to 13 feet bgs with hollow stem augers.

Field Screening performed with PID equipped with a 10.6 eV lamp calibrated to a 100 ppm isobutylene standard.
All depth measurements are approximate. Stratification lines represent approximate boundary between soil types, transitions may be gradual. Water level readings have been made at times and under conditions stated.
Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

GZ-03

BORING LOG GZA ENV-NO GW; 12/2/2025; 12:45:25 PM

BORING LOG

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Averne Edgemere LLC
Ocean Bay Redevelopment
53-05 Beach Channel Drive
Edgemere, New York

EXPLORATION NO.: GZ-04
SHEET: 1 of 1
PROJECT NO: 41.0163476.00
CHECKED BY: RM

Logged By: M. Frey
Drilling Co.: PG Environmental
Foreman: E. Mejia
Date Start: 10/8/2025 **Finish:** 10/8/2025

Type of Drill Rig: Geoprobe
Rig Model: 6712DT
Drilling Method: Direct Push
Auger/Casing O.D./I.D. Dia (in.): 6

Boring Location:
See Plan
Ground Surface Elevation (ft.): 6.68
Final Boring Depth (ft.): 10

H. Datum: State Plane
V. Datum: NAVD88
Northing: 156232.8
Easting: 1044266.8

Sampler Type: M
Sampler O.D. (in.): 2.0
Sampler Length (in.): 60

Sampler used throughout unless otherwise noted on the log.

Depth (ft)	Sample No.	Sample Depth (ft.)	Sample Pen./ Rec.	Sample PID (ppm)	Sample Description Modified Burmister	Remark	Elev. (ft.)	Profile Description (NYCBC)	Depth (ft.)
1	S-1	0.0-5	60/60	0	S-1 : 0-8" Topsoil 8-48" Brown Fine to Medium SAND, some Gravel, little Silt, fill (brick and concrete)		5.98	TOPSOIL	0.7
2				0	48-60" Tan Fine to Medium SAND, little Gravel				
3				0				FILL	
4				0			2.68		4
5				0					
6	S-2	5.0-10	60/46	0	S-2 : 0-25" Brown Fine to Medium SAND, little Gravel 25-46" Brown CLAYEY SILT, little Fine Sand	1		SAND	
7				0			-0.32		7
8				4.8					
9				22.2				CLAYEY SILT	
10							-3.32		10
11					End of exploration at 10 feet.	2			
12									
13									
14									
15									
16									
17									
18									
19									
20									

REMARKS

1 - Groundwater encountered at approximately 5 feet bgs.
2 - 2025-GMW-04 installed to 13 feet bgs with hollow stem augers.

Field Screening performed with PID equipped with a 10.6 eV lamp calibrated to a 100 ppm isobutylene standard.
All depth measurements are approximate. Stratification lines represent approximate boundary between soil types, transitions may be gradual. Water level readings have been made at times and under conditions stated.
Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

GZ-04

BORING LOG GZA ENV-NO GW; 12/2/2025; 12:45:31 PM

BORING LOG

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Averne Edgemere LLC
Ocean Bay Redevelopment
53-05 Beach Channel Drive
Edgemere, New York

EXPLORATION NO.: GZ-05
SHEET: 1 of 1
PROJECT NO: 41.0163476.00
CHECKED BY: RM

Logged By: M. Frey
Drilling Co.: PG Environmental
Foreman: E. Mejia
Date Start: 10/7/2025 **Finish:** 10/7/2025

Type of Drill Rig: Geoprobe
Rig Model: 6712DT
Drilling Method: Direct Push
Auger/Casing O.D./I.D. Dia (in.): 6

Boring Location:
See Plan
Ground Surface Elevation (ft.): 5.99
Final Boring Depth (ft.): 10

H. Datum: State Plane
V. Datum: NAVD88
Northing: 156257.9
Easting: 1044260.6

Sampler Type: M
Sampler O.D. (in.): 2.0
Sampler Length (in.): 60

Sampler used throughout unless otherwise noted on the log.

Depth (ft)	Sample No.	Sample Depth (ft.)	Sample Pen./ Rec.	Sample PID (ppm)	Sample Description Modified Burmister	Remark	Elev. (ft.)	Profile Description (NYCBC)	Depth (ft.)
	S-1	0.0-5	60/44		S-1 : 0-4" Topsoil		5.69	TOPSOIL	0.3
1				0	4-16" Brown Fine to Medium SAND, some Gravel, little Silt, fill (brick and concrete)			FILL	
2				0	16-44" Brown Fine to Medium SAND, little Gravel, trace Silt		3.99		2
3				0					
4				0					
5				0		1			
	S-2	5.0-10	60/37		S-2 : 0-37" Brown Fine to Medium SAND, little Gravel, trace Silt				
6				0				SAND	
7				0					
8				0					
9									
10							-4.01		10
					End of exploration at 10 feet.	2			
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									

REMARKS

1 - Groundwater was encountered at approximately 4.5 feet bgs.
2 - 2025-GMW-05 installed to 13 feet bgs with hollow stem augers.

Field Screening performed with PID equipped with a 10.6 eV lamp calibrated to a 100 ppm isobutylene standard.
All depth measurements are approximate. Stratification lines represent approximate boundary between soil types, transitions may be gradual. Water level readings have been made at times and under conditions stated.
Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

GZ-05

BORING LOG GZA ENV-NO GW; 12/2/2025; 12:45:36 PM

BORING LOG

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Averne Edgemere LLC
Ocean Bay Redevelopment
53-05 Beach Channel Drive
Edgemere, New York

EXPLORATION NO.: GZ-06
SHEET: 1 of 1
PROJECT NO: 41.0163476.00
CHECKED BY: RM

Logged By: M. Frey
Drilling Co.: PG Environmental
Foreman: E. Mejia
Date Start: 10/6/2025 **Finish:** 10/6/2025

Type of Drill Rig: Geoprobe
Rig Model: 6712DT
Drilling Method: Direct Push
Auger/Casing O.D./I.D. Dia (in.): 6

Boring Location:
See Plan
Ground Surface Elevation (ft.): 4.66
Final Boring Depth (ft.): 10

H. Datum: State Plane
V. Datum: NAVD88
Northing: 156288.4
Easting: 1044364.5

Sampler Type: M
Sampler O.D. (in.): 2.0
Sampler Length (in.): 60

Sampler used throughout unless otherwise noted on the log.

Depth (ft)	Sample No.	Sample Depth (ft.)	Sample Pen./ Rec.	Sample PID (ppm)	Sample Description Modified Burmister	Remark	Elev. (ft.)	Profile Description (NYCBC)	Depth (ft.)
	S-1	0.0-5	60/35.5		S-1 : 0-3" Topsoil		4.46	TOPSOIL	0.2
1				0	3-35.5" Brown Fine to Coarse SAND, little Gravel, trace Silt				
2				0					
3				0				FILL	
4				0					
5				0		1	-0.34		5
	S-2	5.0-10	60/60		S-2 : 0-5" Brown Fine to Medium SAND, little Gravel, trace Silt			SAND	
6				0	5-31" Brown CLAYEY SILT, some Fine Sand		-1.34		6
7				0	31-60" Brown Fine to Coarse SAND, little Silt			CLAYEY SILT	
8				0			-3.34		8
9				0				SAND	
10				0			-5.34		10
					End of exploration at 10 feet.	2			
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									

REMARKS

1 - Groundwater was encountered at approximately 4.5 feet bgs.
2 - 2025-GMW-06 installed to 13 feet bgs with hollow stem augers.

Field Screening performed with PID equipped with a 10.6 eV lamp calibrated to a 100 ppm isobutylene standard.
All depth measurements are approximate. Stratification lines represent approximate boundary between soil types, transitions may be gradual. Water level readings have been made at times and under conditions stated.
Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

GZ-06

BORING LOG GZA ENV-NO GW; 12/2/2025; 12:45:45 PM

BORING LOG

GZA GeoEnvironmental of New York
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Averne Edgemere LLC
Ocean Bay Redevelopment
53-05 Beach Channel Drive
Edgemere, New York

EXPLORATION NO.: GZ-07
SHEET: 1 of 1
PROJECT NO: 41.0163476.00
CHECKED BY: RM

Logged By: M. Frey
Drilling Co.: PG Environmental
Foreman: E. Mejia
Date Start: 10/6/2025 **Finish:** 10/6/2025

Type of Drill Rig: Geoprobe
Rig Model: 6712DT
Drilling Method: Direct Push
Auger/Casing O.D./I.D. Dia (in.): 6

Boring Location:
See Plan
Ground Surface Elevation (ft.): 5.79
Final Boring Depth (ft.): 10

H. Datum: State Plane
V. Datum: NAVD88
Northing: 156251.5
Easting: 1044380.3

Sampler Type: M
Sampler O.D. (in.): 2.0
Sampler Length (in.): 60

Sampler used throughout unless otherwise noted on the log.

Depth (ft)	Sample No.	Sample Depth (ft.)	Sample Pen./ Rec.	Sample PID (ppm)	Sample Description Modified Burmister	Remark	Elev. (ft.)	Profile Description (NYCBC)	Depth (ft.)
1	S-1	0.0-5	60/52	0	S-1 : 0-8" Topsoil 8-28" Brown Fine to Medium SAND, some Gravel and Silt, fill (brick and concrete)		5.09	TOPSOIL	0.7
2				0	28-52" Tan Fine to Coarse SAND, trace Silt			FILL	
3				0			2.79		3
4				0					
5				0					
6	S-2	5.0-10	60/32	0	S-2 : 0-32" Tan Fine to Coarse SAND, trace Silt	1			
7				0				SAND	
8				6.4					
9									
10							-4.21		10
11					End of exploration at 10 feet.	2			
12									
13									
14									
15									
16									
17									
18									
19									
20									

REMARKS

1 - Groundwater encountered at approximately 5 feet bgs.
2 - 2025-GMW-07 installed to 13 feet bgs with hollow stem augers.

Field Screening performed with PID equipped with a 10.6 eV lamp calibrated to a 100 ppm isobutylene standard.
All depth measurements are approximate. Stratification lines represent approximate boundary between soil types, transitions may be gradual. Water level readings have been made at times and under conditions stated.
Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

GZ-07

BORING LOG GZA ENV-NO GW; 12/2/2025; 12:45:50 PM

BORING LOG

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Averne Edgemere LLC
Ocean Bay Redevelopment
53-05 Beach Channel Drive
Edgemere, New York

EXPLORATION NO.: GZ-08
SHEET: 1 of 1
PROJECT NO: 41.0163476.00
CHECKED BY: RM

Logged By: M. Frey
Drilling Co.: PG Environmental
Foreman: E. Mejia
Date Start: 10/8/2025 **Finish:** 10/8/2025

Type of Drill Rig: Geoprobe
Rig Model: 6712DT
Drilling Method: Direct Push
Auger/Casing O.D./I.D. Dia (in.): 2

Boring Location:
See Plan
Ground Surface Elevation (ft.): 6.45
Final Boring Depth (ft.): 10

H. Datum: State Plane
V. Datum: NAVD88
Northing: 155997.9
Easting: 1044124.7

Sampler Type: M
Sampler O.D. (in.): 2.0
Sampler Length (in.): 60

Sampler used throughout unless otherwise noted on the log.

Depth (ft)	Sample No.	Sample Depth (ft.)	Sample Pen./ Rec.	Sample PID (ppm)	Sample Description Modified Burmister	Remark	Elev. (ft.)	Profile Description (NYCBC)	Depth (ft.)
1	S-1	0.0-5	60/45	0	S-1 : 0-6" Concrete 6-33" Brown Fine to Medium SAND, little Gravel and Silt, fill (brick and concrete)		5.65	TOPSOIL	0.8
2				0	33-45" Tan Fine to Medium SAND, trace Silt			FILL	
3				0			3.45		3
4				0					
5				0		1			
6	S-2	5.0-10	60/35	0	S-2 : 0-24" Grey Fine to Coarse SAND, little Silt 24-35" Grey CLAYEY SILT, little Fine Sand, trace Organic Material				
7				0				SAND	
8				0					
9									
10							-3.55		10
11					End of exploration at 10 feet.				
12									
13									
14									
15									
16									
17									
18									
19									
20									

REMARKS

1 - Groundwater was encountered at approximately 4.5 feet bgs.

Field Screening performed with PID equipped with a 10.6 eV lamp calibrated to a 100 ppm isobutylene standard.
All depth measurements are approximate. Stratification lines represent approximate boundary between soil types, transitions may be gradual. Water level readings have been made at times and under conditions stated.
Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

GZ-08

BORING LOG GZA ENV-NO GW; 12/2/2025; 12:41:12 PM

BORING LOG

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Averne Edgemere LLC
Ocean Bay Redevelopment
53-05 Beach Channel Drive
Edgemere, New York

EXPLORATION NO.: GZ-09
SHEET: 1 of 1
PROJECT NO: 41.0163476.00
CHECKED BY: RM

Logged By: M. Frey
Drilling Co.: PG Environmental
Foreman: E. Mejia
Date Start: 10/8/2025 **Finish:** 10/8/2025

Type of Drill Rig: Geoprobe
Rig Model: 6712DT
Drilling Method: Direct Push
Auger/Casing O.D./I.D. Dia (in.): 2

Boring Location:
See Plan
Ground Surface Elevation (ft.): 6.30
Final Boring Depth (ft.): 10

H. Datum: State Plane
V. Datum: NAVD88
Northing: 156034.6
Easting: 1044198.7

Sampler Type: M
Sampler O.D. (in.): 2.0
Sampler Length (in.): 60

Sampler used throughout unless otherwise noted on the log.

Depth (ft)	Sample No.	Sample Depth (ft.)	Sample Pen./ Rec.	Sample PID (ppm)	Sample Description Modified Burmister	Remark	Elev. (ft.)	Profile Description (NYCBC)	Depth (ft.)
1	S-1	0.0-5	60/43	0	S-1 : 0-3" Topsoil 3-32" Brown Fine to Medium SAND, some Gravel, little Silt, fill (brick and concrete)		6.1	TOPSOIL	0.2
2				0	32-43" Grey Fine to Coarse SAND, some Silt			FILL	
3				0			3.3		3
4				0					
5				0		1			
6	S-2	5.0-10	60/30	0	S-2 : 0-28" Grey Fine to Coarse SAND, some Silt 28-30" Grey CLAYEY SILT, some Fine Sand			SAND	
7				2.7					
8				21.4					
9							-2.7		9
10							-3.7	CLAYEY SILT	10
11					End of exploration at 10 feet.				
12									
13									
14									
15									
16									
17									
18									
19									
20									

REMARKS

1 - Groundwater was encountered at approximately 4.5 feet bgs.

Field Screening performed with PID equipped with a 10.6 eV lamp calibrated to a 100 ppm isobutylene standard.
All depth measurements are approximate. Stratification lines represent approximate boundary between soil types, transitions may be gradual. Water level readings have been made at times and under conditions stated.
Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

GZ-09

BORING LOG GZA ENV-NO GW; 12/2/2025; 12:41:16 PM

BORING LOG

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Known for excellence. Built on trust.

Averne Edgemere LLC
Ocean Bay Redevelopment
53-05 Beach Channel Drive
Edgemere, New York

EXPLORATION NO.: GZ-10
SHEET: 1 of 1
PROJECT NO: 41.0163476.00
CHECKED BY: RM

Logged By: M. Frey
Drilling Co.: PG Environmental
Foreman: E. Mejia
Date Start: 10/6/2025 **Finish:** 10/6/2025

Type of Drill Rig: Geoprobe
Rig Model: 6712DT
Drilling Method: Direct Push
Auger/Casing O.D./I.D. Dia (in.): 2

Boring Location:
See Plan
Ground Surface Elevation (ft.): 6.23
Final Boring Depth (ft.): 10

H. Datum: State Plane
V. Datum: NAVD88
Northing: 155995.9
Easting: 1044124.9

Sampler Type: M
Sampler O.D. (in.): 2.0
Sampler Length (in.): 60

Sampler used throughout unless otherwise noted on the log.

Depth (ft)	Sample No.	Sample Depth (ft.)	Sample Pen./ Rec.	Sample PID (ppm)	Sample Description Modified Burmister	Remark	Elev. (ft.)	Profile Description (NYCBC)	Depth (ft.)
1	S-1	0.0-5	60/42	0.3	S-1 : 0-6.5" Asphalt 6.5-17" Concrete 17-42" Brown Fine to Medium SAND, Some Silt, trace Gravel, fill (brick and concrete)		5.73	ASPHALT	0.5
2				0			4.73	CONCRETE	1.5
3				0				FILL	
4				0					
5				0		1	1.23		5
6	S-2	5.0-10	60/60	999.8	S-2 : 0-34.5" Grey Stained Fine to Medium SAND, trace Silt 34.5-60" Black CLAYEY SILT, some Fine Sand, trace Organic Material	2		SAND	
7				420.7					
8				279.3			-1.77		8
9				60.7				CLAYEY SILT	
10				80.9			-3.77		10
11					End of exploration at 10 feet.				
12									
13									
14									
15									
16									
17									
18									
19									
20									

REMARKS

1 - Groundwater was encountered at approximately 4.5 feet bgs.
2 - Petroleum-like odor was observed at the 7.5 foot interval.

Field Screening performed with PID equipped with a 10.6 eV lamp calibrated to a 100 ppm isobutylene standard.
All depth measurements are approximate. Stratification lines represent approximate boundary between soil types, transitions may be gradual. Water level readings have been made at times and under conditions stated.
Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

GZ-10

BORING LOG GZA ENV-NO GW; 12/2/2025; 12:41:23 PM

BORING LOG

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Averne Edgemere LLC
Ocean Bay Redevelopment
53-05 Beach Channel Drive
Edgemere, New York

EXPLORATION NO.: GZ-11
SHEET: 1 of 1
PROJECT NO: 41.0163476.00
CHECKED BY: RM

Logged By: M. Frey
Drilling Co.: PG Environmental
Foreman: E. Mejia
Date Start: 10/6/2025 **Finish:** 10/6/2025

Type of Drill Rig: Geoprobe
Rig Model: 6712DT
Drilling Method: Direct Push
Auger/Casing O.D./I.D. Dia (in.): 2

Boring Location:
See Plan
Ground Surface Elevation (ft.): 6.30
Final Boring Depth (ft.): 10

H. Datum: State Plane
V. Datum: NAVD88
Northing: 156103.1
Easting: 1044196.6

Sampler Type: M
Sampler O.D. (in.): 2.0
Sampler Length (in.): 60

Sampler used throughout unless otherwise noted on the log.

Depth (ft)	Sample No.	Sample Depth (ft.)	Sample Pen./ Rec.	Sample PID (ppm)	Sample Description Modified Burmister	Remark	Elev. (ft.)	Profile Description (NYCBC)	Depth (ft.)
1	S-1	0.0-5	60/52	0.5	S-1 : 0-8.5" Concrete 8.5-27" Black Fine to Medium SAND, some Gravel, trace Silt, fill (brick and concrete)		5.5	CONCRETE	0.8
2				2.8	27-52" Tan Fine to Medium SAND, little Silt			FILL	
3				1.7			3.8		2.5
4				0					
5				0		1			
6	S-2	5.0-10	60/26	0	S-2 : 0-26" Brown Fine to Medium SAND, little Silt, trace Gravel			SAND	
7				4.1					
8									
9									
10							-3.7		10
11					End of exploration at 10 feet.				
12									
13									
14									
15									
16									
17									
18									
19									
20									

REMARKS

1 - Groundwater was encountered at approximately 4.5 feet bgs.

Field Screening performed with PID equipped with a 10.6 eV lamp calibrated to a 100 ppm isobutylene standard.
All depth measurements are approximate. Stratification lines represent approximate boundary between soil types, transitions may be gradual. Water level readings have been made at times and under conditions stated.
Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

GZ-11

BORING LOG GZA ENV-NO GW; 12/2/2025; 12:41:28 PM

BORING LOG

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Averne Edgemere LLC
Ocean Bay Redevelopment
53-05 Beach Channel Drive
Edgemere, New York

EXPLORATION NO.: GZ-12
SHEET: 1 of 1
PROJECT NO: 41.0163476.00
CHECKED BY: RM

Logged By: M. Frey
Drilling Co.: PG Environmental
Foreman: E. Mejia
Date Start: 10/7/2025 **Finish:** 10/7/2025

Type of Drill Rig: Geoprobe
Rig Model: 6712DT
Drilling Method: Direct Push
Auger/Casing O.D./I.D. Dia (in.): 2

Boring Location:
See Plan
Ground Surface Elevation (ft.): 5.92
Final Boring Depth (ft.): 10

H. Datum: State Plane
V. Datum: NAVD88
Northing: 156032
Easting: 1044238.5

Sampler Type: M
Sampler O.D. (in.): 2.0
Sampler Length (in.): 60

Sampler used throughout unless otherwise noted on the log.

Depth (ft)	Sample No.	Sample Depth (ft.)	Sample Pen./ Rec.	PID (ppm)	Sample Description Modified Burmister	Remark	Elev. (ft.)	Profile Description (NYCBC)	Depth (ft.)
1	S-1	0.0-5	60/48	0	S-1 : 0-2" Topsoil 2-48" Brown Fine to Medium SAND, some Gravel, little Silt, fill (concrete, brick, and plastic		5.72	TOPSOIL	0.2
2				0					
3				0				FILL	
4				0					
5				0		1	0.92		5
6	S-2	5.0-10	60/39	0	S-2 : 0-15" Brown Fine to Medium SAND, little Gravel, trace Silt 15-30" Grey Fine to Coarse SAND, little Silt 30-39" Black CLAYEY SILT, some Fine Sand				
7				0				SAND	
8				1.5			-2.08		8
9								CLAYEY SILT	
10							-4.08		10
11					End of exploration at 10 feet.				
12									
13									
14									
15									
16									
17									
18									
19									
20									

REMARKS

1 - Groundwater was encountered at approximately 4.5 feet bgs.

Field Screening performed with PID equipped with a 10.6 eV lamp calibrated to a 100 ppm isobutylene standard.
All depth measurements are approximate. Stratification lines represent approximate boundary between soil types, transitions may be gradual. Water level readings have been made at times and under conditions stated.
Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

GZ-12

BORING LOG GZA ENV-NO GW; 12/2/2025; 12:41:33 PM

BORING LOG

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Averne Edgemere LLC
Ocean Bay Redevelopment
53-05 Beach Channel Drive
Edgemere, New York

EXPLORATION NO.: GZ-13
SHEET: 1 of 1
PROJECT NO: 41.0163476.00
CHECKED BY: RM

Logged By: M. Frey
Drilling Co.: PG Environmental
Foreman: E. Mejia
Date Start: 10/7/2025 **Finish:** 10/7/2025

Type of Drill Rig: Geoprobe
Rig Model: 6712DT
Drilling Method: Direct Push
Auger/Casing O.D./I.D. Dia (in.): 2

Boring Location:
See Plan
Ground Surface Elevation (ft.): 6.45
Final Boring Depth (ft.): 10

H. Datum: State Plane
V. Datum: NAVD88
Northing: 156124.2
Easting: 1044326.9

Sampler Type: M
Sampler O.D. (in.): 2.0
Sampler Length (in.): 60

Sampler used throughout unless otherwise noted on the log.

Depth (ft)	Sample No.	Sample Depth (ft.)	Sample Pen./ Rec.	Sample PID (ppm)	Sample Description Modified Burmister	Remark	Elev. (ft.)	Profile Description (NYCBC)	Depth (ft.)
	S-1	0.0-5	60/33		S-1 : 0-6" Concrete		5.95	CONCRETE	0.5
1				0	6-15" Brown Fine to Medium SAND, little Gravel, trace Silt, fill (brick and concrete)			FILL	
2				0	15-33" Brown Fine to Medium SAND, little Silt		4.45		2
3				0					
4				0					
5				0		1			
	S-2	5.0-10	60/30		S-2 : 0-12" Tan Fine to Coarse SAND, little Gravel				
6				0	12-30" Brown Fine to Medium SAND, trace Silt			SAND	
7				0					
8				0					
9									
10							-3.55		10
					End of exploration at 10 feet.				
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									

REMARKS

1 - Groundwater was encountered at approximately 4.5 feet bgs.

Field Screening performed with PID equipped with a 10.6 eV lamp calibrated to a 100 ppm isobutylene standard.
All depth measurements are approximate. Stratification lines represent approximate boundary between soil types, transitions may be gradual. Water level readings have been made at times and under conditions stated.
Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

GZ-13

BORING LOG GZA ENV-NO GW; 12/2/2025; 12:41:45 PM

BORING LOG

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Averne Edgemere LLC
Ocean Bay Redevelopment
53-05 Beach Channel Drive
Edgemere, New York

EXPLORATION NO.: GZ-14
SHEET: 1 of 1
PROJECT NO: 41.0163476.00
CHECKED BY: RM

Logged By: M. Frey
Drilling Co.: PG Environmental
Foreman: E. Mejia
Date Start: 10/7/2025 **Finish:** 10/7/2025

Type of Drill Rig: Geoprobe
Rig Model: 6712DT
Drilling Method: Direct Push
Auger/Casing O.D./I.D. Dia (in.): 2

Boring Location:
See Plan
Ground Surface Elevation (ft.): 5.88
Final Boring Depth (ft.): 10

H. Datum: State Plane
V. Datum: NAVD88
Northing: 155971.7
Easting: 1044237.9

Sampler Type: M
Sampler O.D. (in.): 2.0
Sampler Length (in.): 60

Sampler used throughout unless otherwise noted on the log.

Depth (ft)	Sample No.	Sample Depth (ft.)	Sample Pen./ Rec.	Sample PID (ppm)	Sample Description Modified Burmister	Remark	Elev. (ft.)	Profile Description (NYCBC)	Depth (ft.)
1	S-1	0.0-5	60/52	0	S-1 : 0-4.5" Topsoil 4.5-35" Brown Fine to Medium SAND, some Gravel, little Silt, fill (brick and concrete)		5.48	TOPSOIL	0.4
2				0	35-52" Grey Fine to Medium SAND, little Silt			FILL	
3				0			2.88		3
4				0					
5				0		1			
6	S-2	5.0-10	60/50	0	S-2 : 0-26" Grey Fine to Medium SAND, little Silt 26-50" Grey CLAYEY SILT, some Fine Silt, trace Organic Material			SAND	
7				0					
8				0			-2.12		8
9				20.7				CLAYEY SILT	
10							-4.12		10
11					End of exploration at 10 feet.				
12									
13									
14									
15									
16									
17									
18									
19									
20									

REMARKS

1 - Groundwater was encountered at approximately 4.5 feet bgs.

Field Screening performed with PID equipped with a 10.6 eV lamp calibrated to a 100 ppm isobutylene standard.
All depth measurements are approximate. Stratification lines represent approximate boundary between soil types, transitions may be gradual. Water level readings have been made at times and under conditions stated.
Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

GZ-14

BORING LOG GZA ENV-NO GW; 12/2/2025; 12:41:53 PM

BORING LOG

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Averne Edgemere LLC
Ocean Bay Redevelopment
53-05 Beach Channel Drive
Edgemere, New York

EXPLORATION NO.: GZ-15
SHEET: 1 of 1
PROJECT NO: 41.0163476.00
CHECKED BY: RM

Logged By: M. Frey
Drilling Co.: PG Environmental
Foreman: E. Mejia
Date Start: 10/6/2025 **Finish:** 10/6/2025

Type of Drill Rig: Geoprobe
Rig Model: 6712DT
Drilling Method: Direct Push
Auger/Casing O.D./I.D. Dia (in.): 2

Boring Location:
See Plan
Ground Surface Elevation (ft.): 5.83
Final Boring Depth (ft.): 10

H. Datum: State Plane
V. Datum: NAVD88
Northing: 155954.4
Easting: 1044302.8

Sampler Type: M
Sampler O.D. (in.): 2.0
Sampler Length (in.): 60

Sampler used throughout unless otherwise noted on the log.

Depth (ft)	Sample No.	Sample Depth (ft.)	Sample Pen./ Rec.	Sample PID (ppm)	Sample Description Modified Burmister	Remark	Elev. (ft.)	Profile Description (NYCBC)	Depth (ft.)
1	S-1	0.0-5	60/50.5	0	S-1 : 0-8" Topsoil 8-20" Brown Fine to Medium SAND, little Silt, trace Gravel, fill (brick and concrete)		5.03	TOPSOIL	0.8
2				0	20-50.5" Brown Fine to Medium SAND, little Silt, trace Gravel		3.83	FILL	2
3				0					
4				0					
5				0					
6	S-2	5.0-10	60/36	0	S-2 : 0-12" Brown Fine to Medium SAND, little Silt, trace Gravel 12-31" Grey Fine to Coarse SAND, trace Gravel 31-36" Grey CLAYEY SILT, little Fine Sand, trace Organic Material	1		SAND	
7				0					
8				27.6			-2.17		8
9								CLAYEY SILT	
10							-4.17		10
11					End of exploration at 10 feet.				
12									
13									
14									
15									
16									
17									
18									
19									
20									

REMARKS

1 - Groundwater encountered at approximately 5 feet bgs.

Field Screening performed with PID equipped with a 10.6 eV lamp calibrated to a 100 ppm isobutylene standard.
All depth measurements are approximate. Stratification lines represent approximate boundary between soil types, transitions may be gradual. Water level readings have been made at times and under conditions stated.
Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

GZ-15

BORING LOG GZA ENV-NO GW; 12/2/2025; 12:41:59 PM

APPENDIX F – GROUNDWATER PURGE LOGS

WELL PURGE DATA SHEET

WELL ID: 2016-MW-01

CLIENT: Arverne Edgemere, LLC
SITE: Ocean Bay Redevelopment
WEATHER: 50-60s, Cloudy

PROJECT NO: 41.0163476.00
DATE: 10/15/2025
SAMPLER(S): Mark Frey, Jazlyn Natalie

COLUMN OF WATER IN WELL:

T = Depth to Bottom (ft) - Static Water Level (ft)

= 12.82 - 3.27

Water Column (T) = 9.55 (ft)

GALLONS OF WATER PER WELL VOLUME:

Well Volume = Water Column (T) (ft) x Multiplier

9.55 x 0.163

Well Volume (V) = 1.557 (Gallons)

well diameter	multiplier
1	0.041
1.5	0.092
2	0.163
4	0.653
6	1.469

TOTAL VOLUME PURGED:

Design = 4.67 (gallons)
Actual = 2.00 (gallons)[1]

PURGE RATE: Variable (mL / min)

PURGE METHOD: Peristaltic Pump, Low Flow Sampling

SCREENED INTERVAL: approximately 3 to 13 ft bgs

WATER QUALITY:

Time	Elapsed Time (Mins)	Purged Volume (gal)	Depth to Water (ft)	Temp (°C)	pH (SU)	ORP (ORPmV)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Notes
9:10	0	0	3.27	19.51	7.09	-244	36.2	64.6	0.94	Start
9:15	5	0.4	3.30	21.10	6.80	-234	39.6	60.3	0.00	
9:20	10	1.0	3.30	21.22	6.83	-264	40.4	21.6	0.00	
9:25	15	1.5	3.30	21.04	6.86	-272	40.8	4.3	0.00	
9:30	20	2.0	3.30	21.14	6.89	-274	40.9	0.0	0.00	

UNITS:

gal. - gallons
ft. - feet
bgs - below ground surface
ORP - Oxygen Reduction Potential
mV - millivolts
DO - Dissolved Oxygen
mS/cm - millisiemens per centimeter
NTU -nephelometric turbidity units
mg/l -milligrams per liter
°C - degrees Celsius
SU - standard units
NA - not applicable

NOTES AND OBSERVATIONS:

1. Purged volume was estimated.
2. PID: 0.2 ppm
3. MW-01 collected at 9:30

WELL PURGE DATA SHEET

WELL ID: 2016-MW-02

CLIENT: Arverne Edgemere, LLC
SITE: Ocean Bay Redevelopment
WEATHER: 50-60s, Cloudy

PROJECT NO: 41.0163476.00
DATE: 10/15/2025
SAMPLER(S): Mark Frey, Jazlyn Natalie

COLUMN OF WATER IN WELL:

T = Depth to Bottom (ft) - Static Water Level (ft)

= 14.2 - 3.95

Water Column (T) = 10.25 (ft)

GALLONS OF WATER PER WELL VOLUME:

Well Volume = Water Column (T) (ft) x Multiplier

10.25 x 0.163

Well Volume (V) = 1.671 (Gallons)

well diameter	multiplier
1	0.041
1.5	0.092
2	0.163
4	0.653
6	1.469

TOTAL VOLUME PURGED:

Design = 5.01 (gallons)
Actual = 2.00 (gallons)[1]

PURGE RATE: Variable (mL / min)

PURGE METHOD: Peristaltic Pump, Low Flow Sampling

SCREENED INTERVAL: approximately 3 to ft 13 bgs

WATER QUALITY:

Time	Elapsed Time (Mins)	Purged Volume (gal)	Depth to Water (ft)	Temp (°C)	pH (SU)	ORP (ORPmV)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Notes
10:10	0	0	3.95	20.49	7.24	-304	7.73	5.6	0.14	Start
10:15	5	0.5	4.20	20.24	7.18	-308	7.65	0.0	0.00	
10:20	10	1.0	4.18	20.07	7.20	-311	8.21	0.0	0.00	
10:25	15	1.5	4.18	20.06	7.22	-316	8.56	0.0	0.00	
10:30	20	2.0	4.18	20.07	7.21	-318	8.60	0.0	0.00	

UNITS:

gal. - gallons
ft. - feet
bgs - below ground surface
ORP - Oxygen Reduction Potential
mV - millivolts
DO - Dissolved Oxygen
mS/cm - millisiemens per centimeter
NTU -nephelometric turbidity units
mg/l -milligrams per liter
°C - degrees Celsius
SU - standard units
NA - not applicable

NOTES AND OBSERVATIONS:

1. Purged volume was estimated.
2. PID: 3.6 ppm
3. MW-02 collected at 10:30

WELL PURGE DATA SHEET

WELL ID: 2016-MW-03

CLIENT: Arverne Edgemere, LLC
SITE: Ocean Bay Redevelopment
WEATHER: 50-60s, Cloudy

PROJECT NO: 41.0163476.00
DATE: 10/15/2025
SAMPLER(S): Mark Frey, Jazlyn Natalie

COLUMN OF WATER IN WELL:

T = Depth to Bottom (ft) - Static Water Level (ft)
= 13.27 - 3.29
Water Column (T) = 9.98 (ft)

TOTAL VOLUME PURGED:

Design = 4.88 (gallons)
Actual = 2.00 (gallons)[1]

GALLONS OF WATER PER WELL VOLUME:

Well Volume = Water Column (T) (ft) x Multiplier
9.98 x 0.163
Well Volume (V) = 1.627 (Gallons)

well diameter	multiplier
1	0.041
1.5	0.092
2	0.163
4	0.653
6	1.469

PURGE RATE: Variable (mL / min)
PURGE METHOD: Peristaltic Pump, Low Flow Sampling

SCREENED INTERVAL: approximately 3 to 13 ft bgs

WATER QUALITY:

Time	Elapsed Time (Mins)	Purged Volume (gal)	Depth to Water (ft)	Temp (°C)	pH (SU)	ORP (ORPmV)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Notes
10:55	0	0	3.29	21.85	7.37	-279	41.7	124.0	0.68	Start
11:00	5	0.25	3.43	22.31	7.34	-280	41.4	60.5	0.11	
11:05	10	0.5	3.48	33.38	7.34	-272	41.3	40.3	0.27	
11:10	15	1.0	3.48	22.35	7.34	-264	41.4	19.8	0.65	
11:15	20	1.5	3.48	22.41	7.35	-264	41.7	6.1	0.63	
11:20	25	2.00	3.49	22.38	7.36	-264	41.9	0.0	0.65	

UNITS:

gal. - gallons
ft. - feet
bgs - below ground surface
ORP - Oxygen Reduction Potential
mV - millivolts
DO - Dissolved Oxygen
mS/cm - millisiemens per centimeter
NTU -nephelometric turbidity units
mg/l -milligrams per liter
°C - degrees Celsius
SU - standard units
NA - not applicable

NOTES AND OBSERVATIONS:

1. Purged volume was estimated.
2. PID: 0.2 ppm
3. MW-03 collected at 11:20

WELL PURGE DATA SHEET

WELL ID: 2016-MW-04

CLIENT: Arverne Edgemere, LLC
SITE: Ocean Bay Redevelopment
WEATHER: 50-60s, Cloudy

PROJECT NO: 41.0163476.00
DATE: 10/15/2025
SAMPLER(S): Mark Frey, Jazlyn Natalie

COLUMN OF WATER IN WELL:

T = Depth to Bottom (ft) - Static Water Level (ft)

= 12.98 - 3.90

Water Column (T) = 9.08 (ft)

GALLONS OF WATER PER WELL VOLUME:

Well Volume = Water Column (T) (ft) x Multiplier

9.08 x 0.163

Well Volume (V) = 1.480 (Gallons)

well diameter	multiplier
1	0.041
1.5	0.092
2	0.163
4	0.653
6	1.469

TOTAL VOLUME PURGED:

Design = 4.44 (gallons)
Actual = 2.00 (gallons)[1]

PURGE RATE: Variable (mL / min)

PURGE METHOD: Peristaltic Pump, Low Flow Sampling

SCREENED INTERVAL: approximately 3 to 13 ft bgs

WATER QUALITY:

Time	Elapsed Time (Mins)	Purged Volume (gal)	Depth to Water (ft)	Temp (°C)	pH (SU)	ORP (ORPmV)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Notes
11:45	0	0	3.90	21.34	7.56	-353	40.5	38.2	0.32	Start
11:50	5	0.25	4.04	21.16	7.52	-348	40.0	27.5	0.09	
11:55	10	0.5	4.08	21.17	7.49	-369	39.0	14.7	0.08	
12:00	15	1.0	4.08	21.18	7.48	-372	39.4	0.0	0.20	
12:05	20	1.5	4.08	21.14	7.48	-371	39.2	0.0	0.50	
12:10	25	2.00	4.06	21.14	7.49	-372	38.6	0.0	0.57	

UNITS:

gal. - gallons
ft. - feet
bgs - below ground surface
ORP - Oxygen Reduction Potential
mV - millivolts
DO - Dissolved Oxygen
mS/cm - millisiemens per centimeter
NTU -nephelometric turbidity units
mg/l -milligrams per liter
°C - degrees Celsius
SU - standard units
NA - not applicable

NOTES AND OBSERVATIONS:

1. Purged volume was estimated.
2. PID: 0.0 ppm
3. MW-04 collected at 12:10

WELL PURGE DATA SHEET

WELL ID: 2016-MW-05

CLIENT: Arverne Edgemere, LLC
SITE: Ocean Bay Redevelopment
WEATHER: 50-60s, Cloudy

PROJECT NO: 41.0163476.00
DATE: 10/15/2025
SAMPLER(S): Mark Frey, Jazlyn Natalie

COLUMN OF WATER IN WELL:

T = Depth to Bottom (ft) - Static Water Level (ft)

= 12.88 - 4.60

Water Column (T) = 8.28 (ft)

GALLONS OF WATER PER WELL VOLUME:

Well Volume = Water Column (T) (ft) x Multiplier

8.28 x 0.163

Well Volume (V) = 1.350 (Gallons)

well diameter	multiplier
1	0.041
1.5	0.092
2	0.163
4	0.653
6	1.469

TOTAL VOLUME PURGED:

Design = 4.05 (gallons)
Actual = 2.00 (gallons)[1]

PURGE RATE: Variable (mL / min)

PURGE METHOD: Peristaltic Pump, Low Flow Sampling

SCREENED INTERVAL: approximately 3 to 13 ft bgs

WATER QUALITY:

Time	Elapsed Time (Mins)	Purged Volume (gal)	Depth to Water (ft)	Temp (°C)	pH (SU)	ORP (ORPmV)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Notes
17:03	0	0	4.60	20.78	7.80	-204	15.8	147.0	4.30	Start
17:08	5	0..3	4.85	19.52	7.31	-266	17.6	67.2	0.00	
17:13	10	0.7	4.85	19.45	7.35	-280	18.3	33.0	0.00	
17:18	15	1.0	4.85	19.41	7.37	-287	17.9	17.0	0.00	
17:23	20	1.3	4.85	19.37	7.34	-291	17.0	8.8	0.00	

UNITS:

gal. - gallons
ft. - feet
bgs - below ground surface
ORP - Oxygen Reduction Potential
mV - millivolts
DO - Dissolved Oxygen
mS/cm - millisiemens per centimeter
NTU -nephelometric turbidity units
mg/l -milligrams per liter
°C - degrees Celsius
SU - standard units
NA - not applicable

NOTES AND OBSERVATIONS:

1. Purged volume was estimated.
2. PID: 3.7 ppm
3. MW-05 collected at 17:25

WELL PURGE DATA SHEET

WELL ID: 2025-GMW-01

CLIENT: Arverne Edgemere, LLC
SITE: Ocean Bay Redevelopment
WEATHER: 50-60s, Cloudy

PROJECT NO: 41.0163476.00
DATE: 10/15/2025
SAMPLER(S): Mark Frey, Jazlyn Natalie

COLUMN OF WATER IN WELL:

T = Depth to Bottom (ft) - Static Water Level (ft)

= 13 - 4.82

Water Column (T) = 8.18 (ft)

GALLONS OF WATER PER WELL VOLUME:

Well Volume = Water Column (T) (ft) x Multiplier

8.18 x 0.163

Well Volume (V) = 1.333 (Gallons)

well diameter	multiplier
1	0.041
1.5	0.092
2	0.163
4	0.653
6	1.469

TOTAL VOLUME PURGED:

Design = 4.00 (gallons)
Actual = 1.20 (gallons)[1]

PURGE RATE: Variable (mL / min)

PURGE METHOD: Peristaltic Pump, Low Flow Sampling

SCREENED INTERVAL: approximately 3 to 13 ft bgs

WATER QUALITY:

Time	Elapsed Time (Mins)	Purged Volume (gal)	Depth to Water (ft)	Temp (°C)	pH (SU)	ORP (ORPmV)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Notes
16:10	0	0	4.80	22.47	6.89	-60	3.52	0.00	4.55	Start
16:15	5	0.3	4.80	20.90	7.11	-213	3.70	0.00	0.00	
16:20	10	0.6	4.80	20.67	7.14	-228	3.70	0.00	0.00	
16:25	15	0.9	4.80	20.26	7.19	-263	3.74	0.00	0.00	
16:30	20	1.20	4.80	20.21	7.20	-266	3.74	0.00	0.00	

UNITS:

gal. - gallons
ft. - feet
bgs - below ground surface
ORP - Oxygen Reduction Potential
mV - millivolts
DO - Dissolved Oxygen
mS/cm - millisiemens per centimeter
NTU -nephelometric turbidity units
mg/l -milligrams per liter
°C - degrees Celsius
SU - standard units
NA - not applicable

NOTES AND OBSERVATIONS:

1. Purged volume was estimated.
2. PID: 0.1 ppm
3. GMW-01 collected at 16:33

WELL PURGE DATA SHEET

WELL ID: 2025-GMW-02

CLIENT: Arverne Edgemere,LLC
SITE: Ocean Bay Redevelopment
WEATHER: 50-60s, Cloudy

PROJECT NO: 41.0163476.00
DATE: 10/15/2025
SAMPLER(S): Mark Frey, Jazlyn Natalie

COLUMN OF WATER IN WELL:

T = Depth to Bottom (ft) - Static Water Level (ft)

= 12.05 - 3.36

Water Column (T) = 8.69 (ft)

GALLONS OF WATER PER WELL VOLUME:

Well Volume = Water Column (T) (ft) x Multiplier

8.69 x 0.163

Well Volume (V) = 1.416 (Gallons)

well diameter	multiplier
1	0.041
1.5	0.092
2	0.163
4	0.653
6	1.469

TOTAL VOLUME PURGED:

Design = 4.25 (gallons)

Actual = 2.00 (gallons)[1]

PURGE RATE: Variable (mL / min)

PURGE METHOD: Peristaltic Pump, Low Flow Sampling

SCREENED INTERVAL: approximately 2.05 to 12.05 ft bgs

WATER QUALITY:

Time	Elapsed Time (Mins)	Purged Volume (gal)	Depth to Water (ft)	Temp (°C)	pH (SU)	ORP (ORPmV)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Notes
16:10	0	0	3.36	19.40	7.73	-187	2.31	52.5	1.08	Start
16:15	5	0.25	3.79	18.80	7.25	-289	2.54	39.4	0.00	
16:20	10	0.5	3.79	18.85	7.14	-313	2.56	5.3	0.12	
16:25	15	1.0	3.79	18.32	7.12	-335	3.04	3.0	0.18	
16:30	20	1.25	3.79	18.31	7.08	-337	3.07	1.9	0.00	
16:35	25	1.5	3.79	18.29	7.05	-374	3.02	0.0	0.0	
16:40	30	2.0	3.79	18.25	7.05	-386	2.99	0.0	0.0	

UNITS:

gal. - gallons
ft. - feet
bgs - below ground surface
ORP - Oxygen Reduction Potential
mV - millivolts
DO - Dissolved Oxygen
mS/cm - millisiemens per centimeter
NTU -nephelometric turbidity units
mg/l -milligrams per liter
°C - degrees Celsius
SU - standard units
NA - not applicable

NOTES AND OBSERVATIONS:

1. Purged volume was estimated.
2. PID: 0.5 ppm
3. GMW-02 collected at 16:40

WELL PURGE DATA SHEET

WELL ID: 2025-GMW-03

CLIENT: Arverne Edgemere, LLC
SITE: Ocean Bay Redevelopment
WEATHER: 50-60s, Cloudy

PROJECT NO: 41.0163476.00
DATE: 10/15/2025
SAMPLER(S): Mark Frey, Jazlyn Natalie

COLUMN OF WATER IN WELL:

T = Depth to Bottom (ft) - Static Water Level (ft)

= 13.12 - 3.68

Water Column (T) = 9.44 (ft)

GALLONS OF WATER PER WELL VOLUME:

Well Volume = Water Column (T) (ft) x Multiplier

9.44 x 0.163

Well Volume (V) = 1.539 (Gallons)

well diameter	multiplier
1	0.041
1.5	0.092
2	0.163
4	0.653
6	1.469

TOTAL VOLUME PURGED:

Design = 4.62 (gallons)
Actual = 2.00 (gallons)[1]

PURGE RATE: Variable (mL / min)

PURGE METHOD: Peristaltic Pump, Low Flow Sampling

SCREENED INTERVAL: approximately 3.12 to 13.12 ft bgs

WATER QUALITY:

Time	Elapsed Time (Mins)	Purged Volume (gal)	Depth to Water (ft)	Temp (°C)	pH (SU)	ORP (ORPmV)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Notes
14:45	0	0	3.68	17.87	7.04	-322	24.60	19.5	2.38	Start
14:50	5	0.5	3.87	17.55	7.04	-329	24.10	37.4	0.45	
14:55	10	1.0	3.87	18.00	7.02	-349	24.80	33.0	0.09	
15:00	15	1.25	3.85	18.25	7.02	-358	25.2	30.8	0.04	
15:05	20	1.50	3.85	18.15	7.02	-355	25.10	19.7	0.02	
15:10	25	2.0	3.85	18.22	7.02	-359	25.1	5.9	0.0	

UNITS:

gal. - gallons
ft. - feet
bgs - below ground surface
ORP - Oxygen Reduction Potential
mV - millivolts
DO - Dissolved Oxygen
mS/cm - millisiemens per centimeter
NTU -nephelometric turbidity units
mg/l -milligrams per liter
°C - degrees Celsius
SU - standard units
NA - not applicable

NOTES AND OBSERVATIONS:

1. Purged volume was estimated.
2. PID: 3.7 ppm
3. GMW-03 collected at 15:10

WELL PURGE DATA SHEET

WELL ID: 2025-GMW-04

CLIENT: Arverne Edgemere, LLC
SITE: Ocean Bay Redevelopment
WEATHER: 50-60s, Cloudy

PROJECT NO: 41.0163476.00
DATE: 10/15/2025
SAMPLER(S): Mark Frey, Jazlyn Natalie

COLUMN OF WATER IN WELL:

T = Depth to Bottom (ft) - Static Water Level (ft)

= 12.72 - 3.98

Water Column (T) = 8.74 (ft)

GALLONS OF WATER PER WELL VOLUME:

Well Volume = Water Column (T) (ft) x Multiplier

8.74 x 0.163

Well Volume (V) = 1.425 (Gallons)

well diameter	multiplier
1	0.041
1.5	0.092
2	0.163
4	0.653
6	1.469

TOTAL VOLUME PURGED:

Design = 4.27 (gallons)

Actual = 1.25 (gallons)[1]

PURGE RATE: Variable (mL / min)

PURGE METHOD: Peristaltic Pump, Low Flow Sampling

SCREENED INTERVAL: approximately 2.75 to 12.75 ft bgs

WATER QUALITY:

Time	Elapsed Time (Mins)	Purged Volume (gal)	Depth to Water (ft)	Temp (°C)	pH (SU)	ORP (ORPmV)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Notes
14:00	0	0	3.98	18.75	7.06	-208	29.7	37.1	2.72	Start
14:05	5	0.25	4.07	18.58	6.87	-241	29.3	15.1	0.48	
14:10	10	0.5	4.08	18.47	6.85	-239	28.8	3.4	0.42	
14:15	15	1.00	4.08	18.36	6.84	-238	28.9	0.6	0.40	
14:20	20	1.25	4.08	18.32	6.84	-238	29.0	0.0	0.39	

UNITS:

gal. - gallons
ft. - feet
SU - standard units
ORP - Oxygen Reduction Potential
mV - millivolts
DO - Dissolved Oxygen
mS/cm - millisiemens per centimeter
NTU -nephelometric turbidity units
mg/l -milligrams per liter
°C - degrees Celsius
bgs - below ground surface
NA - not applicable

NOTES AND OBSERVATIONS:

1. Purged volume was estimated.
2. PID: 13.2 ppm
3. GMW-04 collected at 14:20

WELL PURGE DATA SHEET

WELL ID: 2025-GMW-05

CLIENT: Arverne Edgemere, LLC
SITE: Ocean Bay Redevelopment
WEATHER: 50-60s, Cloudy

PROJECT NO: 41.0163476.00
DATE: 10/15/2025
SAMPLER(S): Mark Frey, Jazlyn Natalie

COLUMN OF WATER IN WELL:

T = Depth to Bottom (ft) - Static Water Level (ft)

= 13.13 - 3.13

Water Column (T) = 10 (ft)

GALLONS OF WATER PER WELL VOLUME:

Well Volume = Water Column (T) (ft) x Multiplier

10 x 0.163

Well Volume (V) = 1.630 (Gallons)

well diameter	multiplier
1	0.041
1.5	0.092
2	0.163
4	0.653
6	1.469

TOTAL VOLUME PURGED:

Design = 4.89 (gallons)
Actual = 2.25 (gallons)[1]

PURGE RATE: Variable (mL / min)

PURGE METHOD: Peristaltic Pump, Low Flow Sampling

SCREENED INTERVAL: approximately 3.12 to 13.12 ft bgs

WATER QUALITY:

Time	Elapsed Time (Mins)	Purged Volume (gal)	Depth to Water (ft)	Temp (°C)	pH (SU)	ORP (ORPmV)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Notes
13:05	0	0	3.13	19.06	7.07	-287	36.2	30.5	1.23	Start
13:10	5	0.5	3.20	17.70	7.04	-282	33.7	20.1	0.27	
13:15	10	1.0	3.20	17.77	7.04	-276	31.9	11.5	0.16	
13:20	15	1.5	3.20	17.95	7.04	-273	31.0	1.6	0.10	
13:25	20	2.0	3.20	17.97	7.04	-271	30.7	0.0	0.06	
13:30	25	2.25	3.20	17.97	7.03	-270	30.7	0.0	0.02	

UNITS:

gal. - gallons
ft. - feet
bgs - below ground surface
ORP - Oxygen Reduction Potential
mV - millivolts
DO - Dissolved Oxygen
mS/cm - millisiemens per centimeter
NTU -nephelometric turbidity units
mg/l -milligrams per liter
°C - degrees Celsius
NA - not applicable
SU - standard units

NOTES AND OBSERVATIONS:

1. Purged volume was estimated.
2. PID: 1.1 ppm
3. GMW-05 collected at 13:30

WELL PURGE DATA SHEET

WELL ID: 2025-GMW-06

CLIENT: Arverne Edgemere, LLC
SITE: Ocean Bay Redevelopment
WEATHER: 50-60s, Cloudy

PROJECT NO: 41.0163476.00
DATE: 10/15/2025
SAMPLER(S): Mark Frey, Jazlyn Natalie

COLUMN OF WATER IN WELL:

T = Depth to Bottom (ft) - Static Water Level (ft)

= 13.01 - 2.05

Water Column (T) = 10.96 (ft)

TOTAL VOLUME PURGED:

Design = 5.36 (gallons)

Actual = 1.50 (gallons)[1]

GALLONS OF WATER PER WELL VOLUME:

Well Volume = Water Column (T) (ft) x Multiplier

10.96 x 0.163

Well Volume (V) = 1.786 (Gallons)

well diameter	multiplier
1	0.041
1.5	0.092
2	0.163
4	0.653
6	1.469

PURGE RATE: Variable (mL / min)

PURGE METHOD: Peristaltic Pump, Low Flow Sampling

SCREENED INTERVAL: approximately 3 to 13 ft bgs

WATER QUALITY:

Time	Elapsed Time (Mins)	Purged Volume (gal)	Depth to Water (ft)	Temp (°C)	pH (SU)	ORP (ORPmV)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Notes
11:40	0	0	2.16	17.57	5.75	134	1.94	8.2	24.70	Start
11:45	5	0.3	2.18	17.85	5.86	119	1.94	6.2	0.08	
11:50	10	0.6	2.18	18.23	5.91	112	1.95	6.4	0.00	
11:55	15	0.9	2.18	18.90	5.94	99	1.96	4.3	0.00	
12:00	20	1.2	2.18	18.94	5.93	98	1.96	4.0	0.00	
12:05	25	1.50	2.18	19.20	5.95	91	1.96	3.1	0.00	

UNITS:

gal. - gallons
ft. - feet
bgs - below ground surface
ORP - Oxygen Reduction Potential
mV - millivolts
DO - Dissolved Oxygen
mS/cm - millisiemens per centimeter
NTU -nephelometric turbidity units
mg/l -milligrams per liter
°C - degrees Celsius
NA - not applicable
SU - standard units

NOTES AND OBSERVATIONS:

1. Purged volume was estimated.
2. PID: 0.3 ppm
3. GMW-06 collected at 12:10; GMW-06 MS collected at 13:16; GMW-06 MSD collected at 13:55

WELL PURGE DATA SHEET

WELL ID: 2025-GMW-07

CLIENT: Arverne Edgemere LLC
SITE: Ocean Bay Redevelopment
WEATHER: 50-60s, Cloudy

PROJECT NO: 41.0163476.00
DATE: 10/15/2025
SAMPLER(S): Mark Frey, Jazlyn Natalie

COLUMN OF WATER IN WELL:
T = Depth to Bottom (ft) - Static Water Level (ft)
= 12.95 - 3.31
Water Column (T) = 9.64 (ft)

GALLONS OF WATER PER WELL VOLUME:
Well Volume = Water Column (T) (ft) x Multiplier
9.64 x 0.163
Well Volume (V) = 1.571 (Gallons)

well diameter	multiplier
1	0.041
1.5	0.092
2	0.163
4	0.653
6	1.469

TOTAL VOLUME PURGED:
Design = 4.71 (gallons)
Actual = 1.40 (gallons)[1]

PURGE RATE: Variable (mL / min)
PURGE METHOD: Peristaltic Pump, Low Flow Sampling

SCREENED INTERVAL: approximately 2.95 to 12.95 ft bgs

WATER QUALITY:

Time	Elapsed Time (Mins)	Purged Volume (gal)	Depth to Water (ft)	Temp (°C)	pH (SU)	ORP (ORPmV)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Percent Dissolved Oxygen	Notes
14:30	0	0	3.31	20.85	6.16	69	1.32	0.0	16.39	-	Start
14:35	5	0.4	3.35	20.27	6.09	42	1.39	0.0	0.00	-	
14:40	10	0.7	3.35	19.90	6.11	22	1.37	2.2	0.00	-	
14:45	15	1.1	3.35	19.91	6.14	7	1.38	0.0	0.00	-	
14:50	20	1.4	3.35	19.88	6.11	-7	1.36	0.0	0.00	-	

UNITS:

gal. - gallons
ft. - feet
bgs - below ground surface
ORP - Oxygen Reduction Potential
mV - millivolts
DO - Dissolved Oxygen
mS/cm - millisiemens per centimeter
NTU -nephelometric turbidity units
mg/l -milligrams per liter
°C - degrees Celsius
SU - standard units
NA - not applicable

NOTES AND OBSERVATIONS:

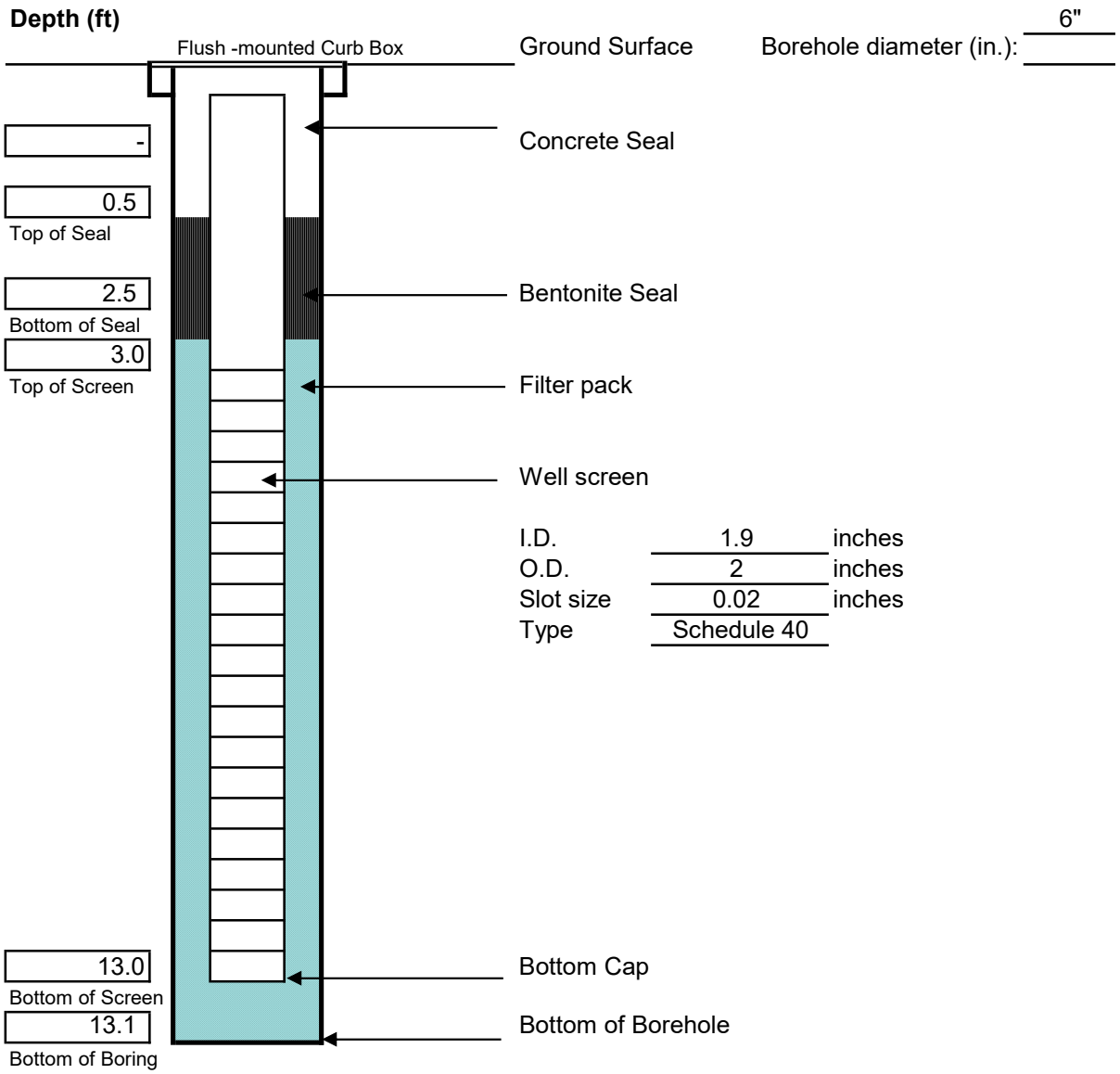
1. Purged volume was estimated.
2. PID: 0.2 ppm
3. GMW-07 collected at 14:53; DUP-2025-10-15 collected at 15:10

APPENDIX G – MONITORING WELL INSTALLATION LOGS

WELL CONSTRUCTION LOG

WELL ID: 2025-GMW-01

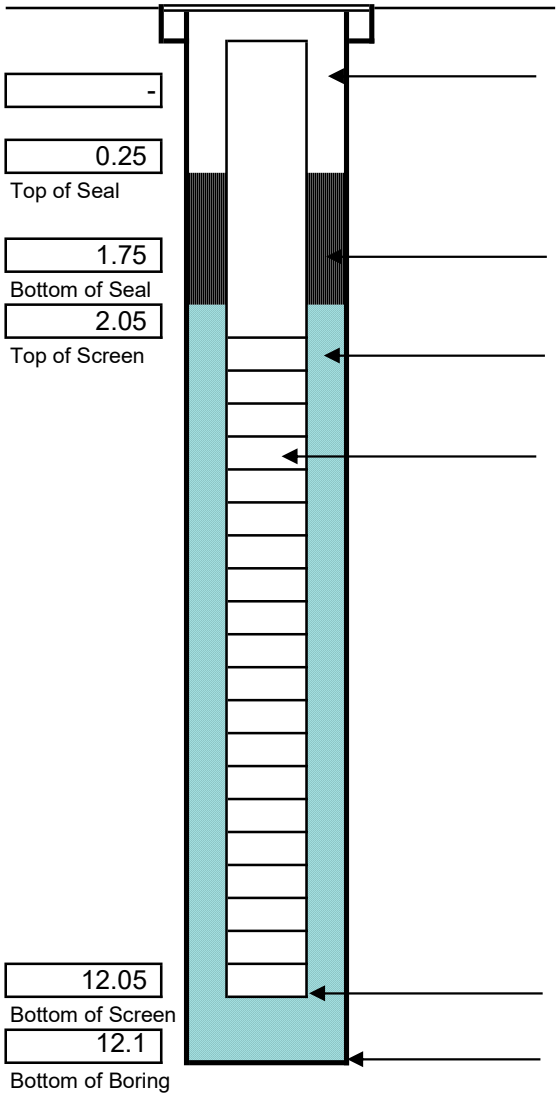
Project: Ocean Bay Redevelopment		Page 1 of 1		
Project No.: 41.0163476.00	Contractor: PG Environmental	Water Levels		
Surface Elevation: 6.55	Driller: Elio Mejia	Date	Time	Depth
Top of PVC Casing Elevation: 6.33	GZA Rep: Mark Frey	10/15/2025	16:10	4.8
Datum: NAVD88	Date of Completion: 10/8/2025			



WELL CONSTRUCTION LOG

WELL ID: **2025-GMW-02**

Project: Ocean Bay Redevelopment		Page 1 of 1		
Project No.: 41.0163476.00	Contractor: PG Environmental	Water Levels		
Surface Elevation: 5.75	Driller: Elio Mejia	Date	Time	Depth
Top of PVC		10/15/2025	16:10	3.36
Casing Elevation: 5.57	GZA Rep: Mark Frey			
Datum: NAVD88	Date of Completion: 10/7/2025			



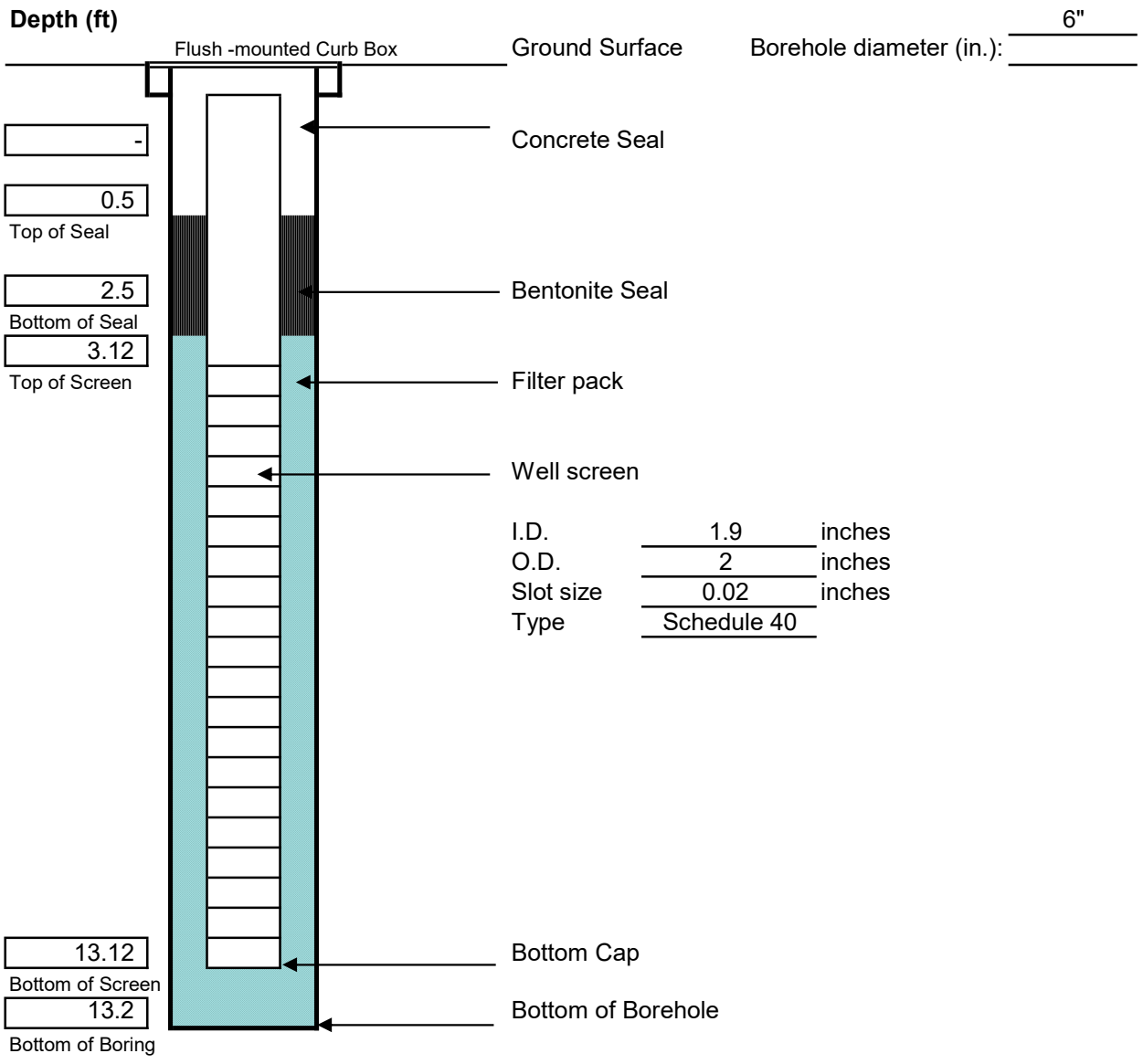
Borehole diameter (in.): 6"

I.D.	1.9	inches
O.D.	2	inches
Slot size	0.02	inches
Type	Schedule 40	

WELL CONSTRUCTION LOG

WELL ID: **2025-GMW-03**

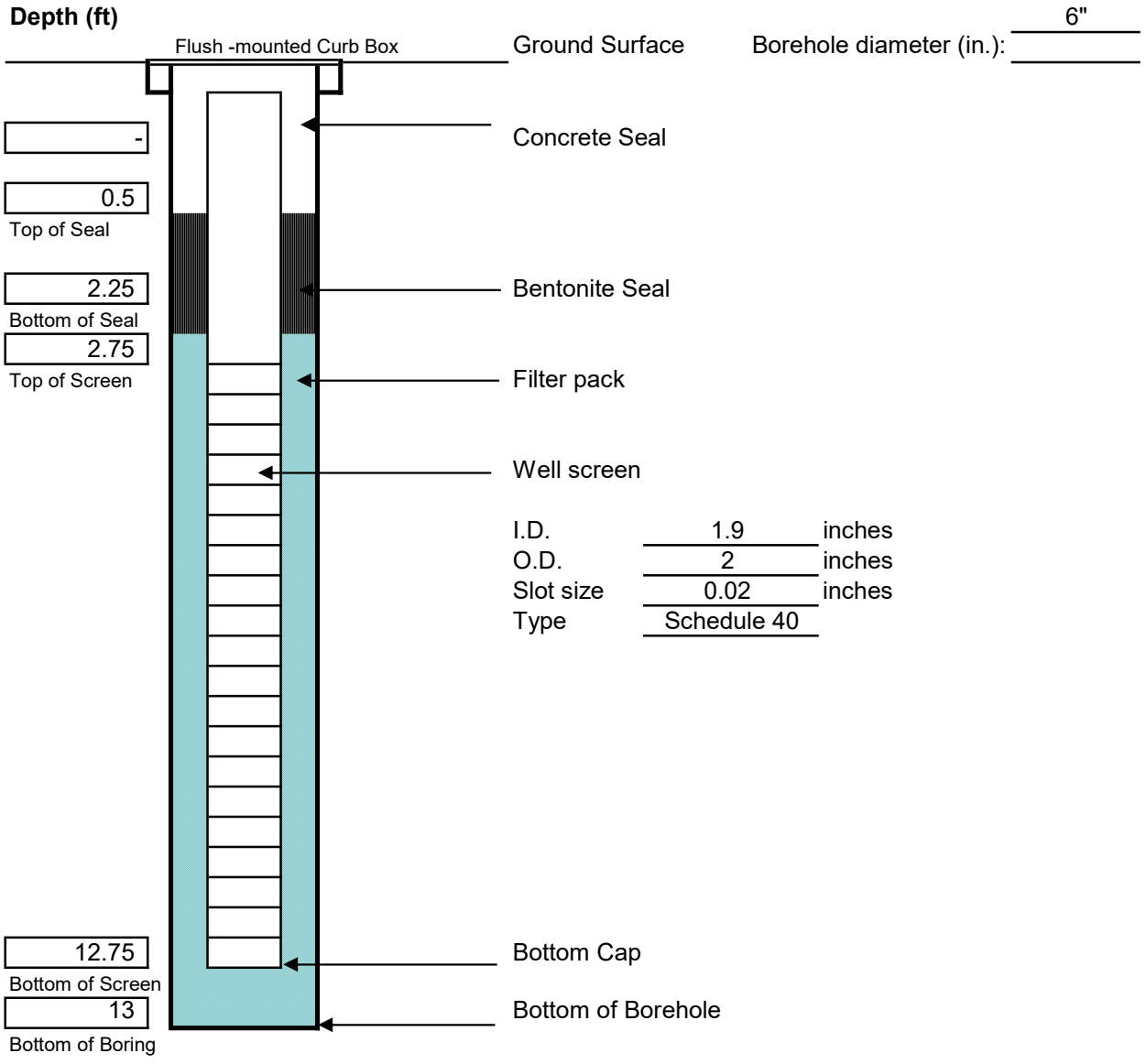
Project: Ocean Bay Redevelopment		Page 1 of 1		
Project No.: 41.0163476.00	Contractor: PG Environmental	Water Levels		
Surface Elevation: 6.4	Driller: Elio Mejia	Date	Time	Depth
Top of PVC		10/15/2025	14:45	3.68
Casing Elevation: 5.96	GZA Rep: Mark Frey			
Datum: NAVD88	Date of Completion: 10/8/2025			



WELL CONSTRUCTION LOG

WELL ID: **2025-GMW-04**

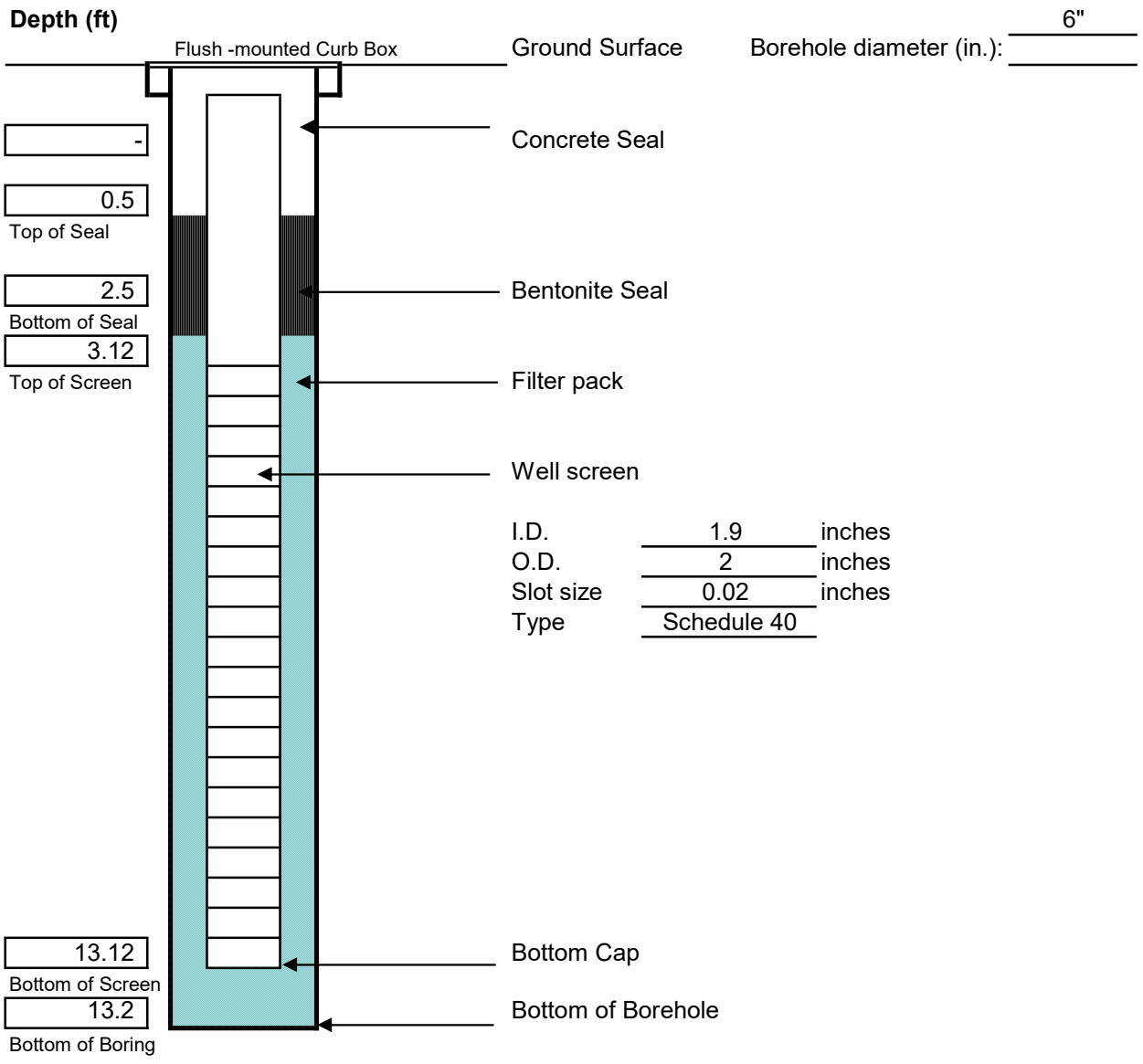
Project: Ocean Bay Redevelopment		Page 1 of 1		
Project No.: 41.0163476.00	Contractor: PG Environmental	Water Levels		
Surface Elevation: 6.68	Driller: Elio Mejia	Date	Time	Depth
Top of PVC		10/15/2025	14:00	3.98
Casing Elevation: 6.35	GZA Rep: Mark Frey			
Datum: NAVD88	Date of Completion: 10/8/2025			



WELL CONSTRUCTION LOG

WELL ID: **2025-GMW-05**

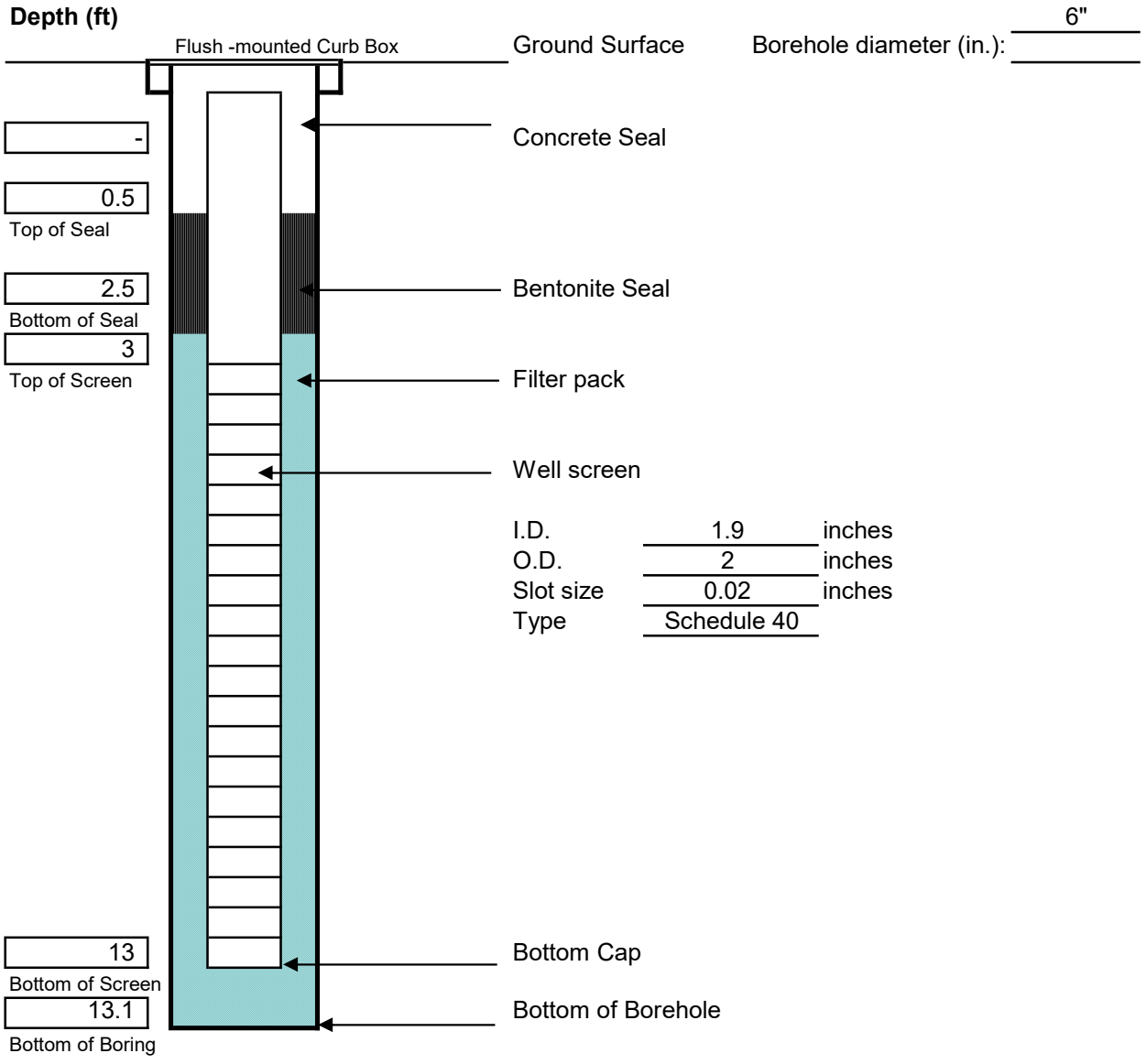
Project: Ocean Bay Redevelopment		Page 1 of 1		
Project No.: 41.0163476.00	Contractor: PG Environmental	Water Levels		
Surface Elevation: 5.99	Driller: Elio Mejia	Date	Time	Depth
Top of PVC		10/15/2025	13:05	3.13
Casing Elevation: 5.68	GZA Rep: Mark Frey			
Datum: NAVD88	Date of Completion: 10/7/2025			



WELL CONSTRUCTION LOG

WELL ID: **2025-GMW-06**

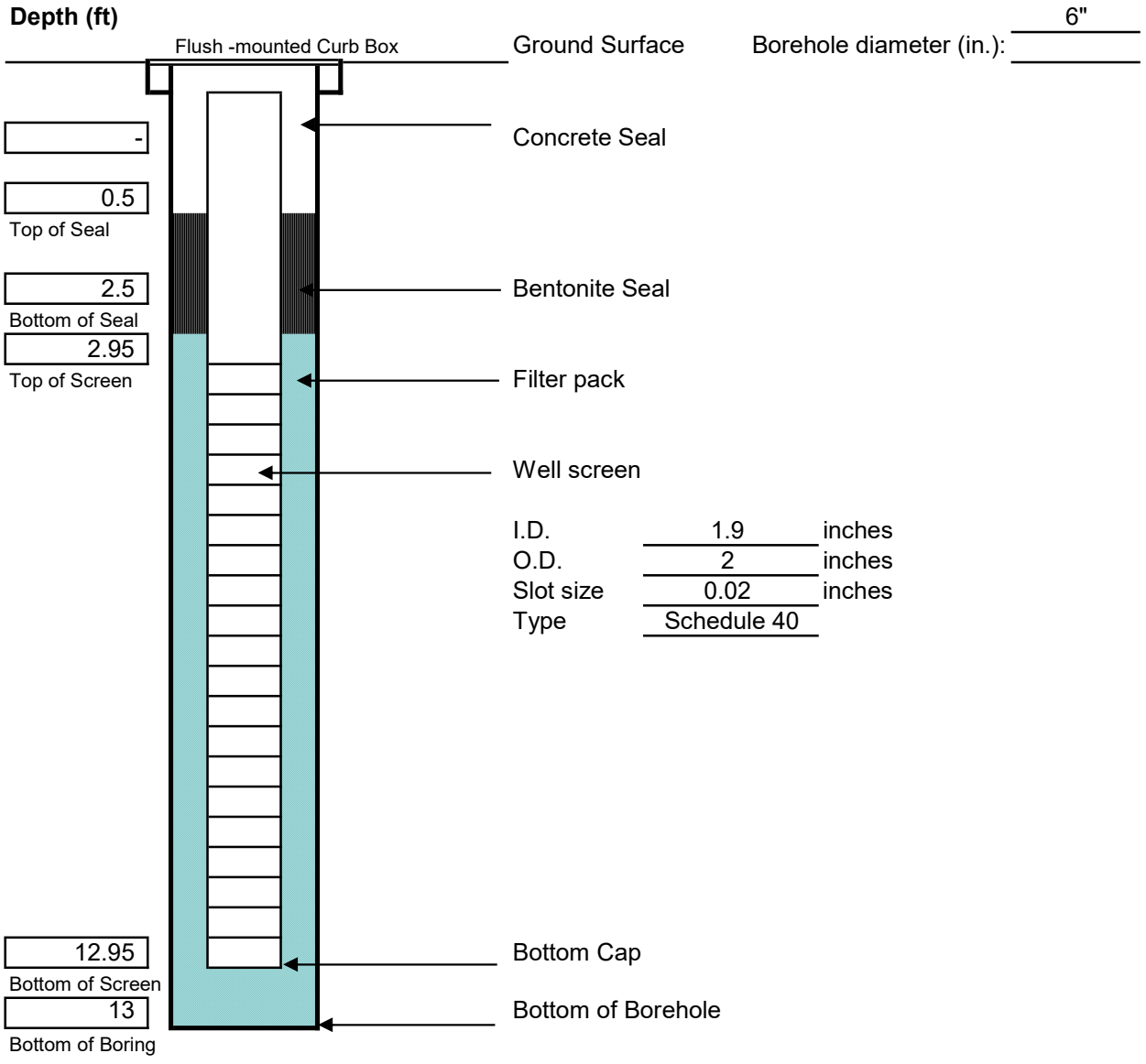
Project: Ocean Bay Redevelopment		Page 1 of 1		
Project No.: 41.0163476.00	Contractor: PG Environmental	Water Levels		
Surface Elevation: 4.66	Driller: Elio Mejia	Date	Time	Depth
Top of PVC		10/15/2025	11:40	2.05
Casing Elevation: 4.44	GZA Rep: Mark Frey			
Datum: NAVD88	Date of Completion: 10/6/2025			



WELL CONSTRUCTION LOG

WELL ID: **2025-GMW-07**

Project: Ocean Bay Redevelopment		Page 1 of 1		
Project No.: 41.0163476.00	Contractor: PG Environmental	Water Levels		
Surface Elevation: 5.79	Driller: Elio Mejia	Date	Time	Depth
Top of PVC		10/15/2025	14:30	3.31
Casing Elevation: 5.43	GZA Rep: Mark Frey			
Datum: NAVD88	Date of Completion: 10/6/2025			



APPENDIX H – MONITORING WELL SURVEY

BEACH CHANNEL DRIVE
(AMSTEL BOULEVARD)
85' WIDE

BEACH 54th STREET

BEACH 53rd STREET
50' WIDE

N:156196.1
E:1044173.4
MW-09
EL 5.37
TP 4.92
23'-11"
cc
Concrete
5.43
5.42
Concrete Curb
5.41
5.42
Steel Faced Concrete Curb
6.13
5.65
6.05
Guy Wire
Concrete
Asphalt Walk
Anti Skid Pad (Typ.)
pr
sfcr
pr
6.63
5.18
5.57
Asphalt Walk
Gate
149°+
Chain Link Fence
Asph.
Conc.
gv
6.23
5.79
6.05
MW-03
EL 6.10
TP 5.69
80°54'17"
24'-1½"
80.01'
MW-02
EL 6.35
TP 6.06
Concrete
MW-01
EL 6.39
TP 5.78
200.03'
Chain Link Fence
40.01'
40.0'
40.01'
89°5'43"
5.94
5.82
5.73
N:156167.1
E:1044178.3
21'-11½"
Asphalt
26'-8"
21'-10"
13'-0"
TAX LOT 58
Wheel Stop
23'-3½"
23'-10"
TAX LOT 62
35'-10"
ST. NO. 5301-5315
TAX LOT 64
TAX LOT 66
N:156155.8
E:1044202.4
70' WIDE
MW-04
EL 6.47
TP 6.17
N:156206.0
E:1044206.1
N:156225.7
E:1044215.5
N:156257.9
E:1044260.6
GZ-05/
GMW-05
EL 5.99
TP 5.68
3'-9"
3'-8"
1'-9½"
Gate
Earth
1 STORY CONCRETE BLOCK & BRICK BUILDING
MW-06
EL 6.35
TP 6.02
11'-11"
66'-5½"
1 STORY CONCRETE BLOCK BUILDING
105.32'
105.95'
106.58'
107.22'
Asphalt
Chain Link Fence
Concrete
18'-4½"
16'-11"
GZ-04/
GMW-04
EL 6.68
TP 6.35
N:156232.8
E:1044266.8
N:156091.4
E:1044186.3
Guy Wire
Concrete Walk
Concrete Curb
STREET
104.06'
6'-11½"
23'-7½"
GZ-03/
GMW-03
EL 6.40
TP 5.96
N:156186.0
E:1044269.2
t12x2
t10x3
t12x2
Heavy Overgrown Weeds
207.22'
E
Concrete Curb
Concrete Walk
Metal Fence
Chain Link Fence
gv
stump 6"
Earth
t4
80'
40'
40'
40'
90°
100'
Gas Pipes
100'
7'-9"
8'-3½"
GZ-06/
GMW-06
EL 4.66
TP 4.44
N:156288.4
E:1044364.5
N:156115.3
E:1044270.6
MW-05
EL 6.47
TP 6.21
5'-3½"
Earth
Chain Link Fence
Gate
TAX LOT 55
30'
30'
12'-4½"
6'-9"
GZ-02/
GMW-02
EL 5.75
TP 5.57
N:156210.8
E:1044329.1
1 STORY BRICK & CONCRETE
BLOCK BUILDING
TAX LOT 54
100'
14.9'±
40.2'±
14.9'±
10.2'±
38'-11"
Gas Pipes
25'-3"
N:156251.5
E:1044380.3
GZ-07/
GMW-07
EL 5.79
TP 5.43
TAX LOT 69
Earth
Concrete Walk
Concrete Curb
Steel Faced Concrete Curb
cc
Concrete Curb
GZ-01/
GMW-01
EL 6.55
TP 6.33
N:156098.0
E:1044309.5
2'-5"
t16
6.64
5.86
6.16
wv
12'-4"
90°
100'
90°
Asphalt Pavement
Parallel With Beach 53rd Street
Iron Fence
Gate
Chain Link Fence
40'
90°
100'
Chain Link Fence
t10x3
6.10
5.80
6.43
Conc.
Earth
Concrete Curb
1 STORY BRICK BUILDING

ESTABLISHED 1876 * SUCCESSOR TO:

B.G. MEINIKHEIM C.S.*C.U. POWELL C.E.,C.S.*L.C.L. SMITH C.S.*NATHAN CAMPBELL C.E.,C.S.*A.U. WHITSON C.E.,C.S.* WILLIAM L. SAVACOOL C.E.,L.S.,C.S.*A.U. WHITSON INC. C.E.,C.S.*G. WEBER L.S.,C.S.*C. STIDOLPH R.A.,L.S.*WHITSON & POWELL INC. P.E.,L.S.,C.S.*KELLER & POWELL P.E.,L.S.,C.S.*LOUIS MONTROSE C.E.,L.S.,C.S.*FRED J. POWELL P.E.,L.S.,C.S.*

SURVEY NO. 65714–1

65714–1spc.DWG
65714–1.CRD

REV	DATE	DESCRIPTION	ck
—	11–13–25	BORING HOLE & MONITORING WELL LOCATION SURVEY	

LEGEND

ASPH.....ASPHALT
BK.....BRICK
BSMT.....BASEMENT
CC.....CURB CUT
CCR.....CONCRETE CURB ROUND
CD.....CELLAR DOOR
CLF.....CHAIN LINK FENCE
CO.....CATCH BASIN CLEAN OUT
CONC.....CONCRETE
CRF.....CHAIN ROPE FENCE
CWA.....CELLAR WINDOW AREA
DR.....DRAIN
EL.....ELEVATION
FAB.....FIRE ALARM BOX
FC.....FILL CAP
FL EL.....FLOOR ELEVATION
GP.....GUARD POLE
GV.....GAS VALVE
IF.....IRON FENCE
INL.....CATCH BASIN INLET ELEVATION
INV.....SEWER INVERT ELEVATION
.....LIGHT POLE
MB.....MAIL BOX
MHU.....UNKNOWN MANHOLE
OF.....OIL FILL
OHW.....OVERHEAD WIRES
P.....POLE
PAVT.....PAVEMENT
PM.....PARKING METER
PMULT.....POLE, MULTIPLE USAGE
17.0 ....ESTABLISHED/LEGAL GRADE
PR.....PEDESTRIAN RAMP
.....HEDGE
T4 MT...TREE WITH MULTIPLE TRUNK
.....TRAFFIC FLOW
.....HANDICAP

RET.....RETAINING
RIM.....RIM ELEVATION SEWER MANHOLE
SFCR....STEEL FACED CURB ROUND
SM.....SUBWAY MANHOLE
STY.....STORY
TB.....TOP OF BANK ELEVATION
.....TRAFFIC LIGHT
TCB.....TRAFFIC CONTROL BOX
TEL.....TELEPHONE
TP.....TREE PIT
.....TRAFFIC SIGN
TW.....ELEVATION AT TOP OF WALL
TC.....ELEVATION AT TOP OF CURB
UP.....UTILITY POLE
VU.....VALVE UNKNOWN
VLTU....VAULT UNKNOWN
VP.....VENT PIPE
WV.....WATER VALVE
12"G.....GAS MAIN WITH SIZE
12"S.....SEWER MAIN WITH SIZE
12"W.....WATER MAIN WITH SIZE
.....CATCH BASIN
E.....ELECTRIC MANHOLE / VAULT
F.....FIRE MANHOLE
G.....GAS MANHOLE
S.....SEWER MANHOLE
T.....TELEPHONE MANHOLE
W.....WATER MANHOLE
TR.....TRAFFIC VAULT
.....HYDRANT
.....SIAMESE
.....STAND PIPE
T8....TREE WITH SIZE
.....BUSH
MW-1.....MONITORING WELL
GZ-01/ GMW-01...BORING HOLE & MONITORING WELL
TP .....TOP OF PIPE ELEVATION

CITY OF NEW YORK
TAX BLOCK: 15890
STANDARD: US

COUNTY: QUEENS
TAX LOTS: 54, 55, 58, 62, 64, 66 & 69
SCALE: 1" = 20'

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DRAWN: GP

GENERAL NOTES

1. COORDINATES SHOWN HEREON REFER TO THE NEW YORK STATE PLANE COORDINATE SYSTEM (LONG ISLAND ZONE)
2. ELEVATIONS AND ESTABLISHED GRADES SHOWN HEREON REFER TO NAVD 1988 WHICH IS 1.625 FEET BELOW THE QUEENS TOPOGRAPHICAL BUREAU DATUM.
3. ESTABLISHED GRADES SHOWN HEREON REFER TO TOP OF CURB.
4. THIS SURVEY IS NOT A TITLE SURVEY AND IS NOT TO BE USED FOR TITLE PURPOSES. ALL PHYSICAL FACTS ARE NOT SHOWN.

QUEENS TOPO DATUM
1.625
2.725
MEAN SEA LEVEL 0.00 (NAVD 1988)
1.1
MEAN SEA LEVEL 0.00 (NGVD1929)

NAVD 1988 DATUM IS 1.625 FEET BELOW THE QUEENS TOPO BUREAU DATUM

UNAUTHORIZED ALTERATION OR ADDITION TO THIS SURVEY IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW

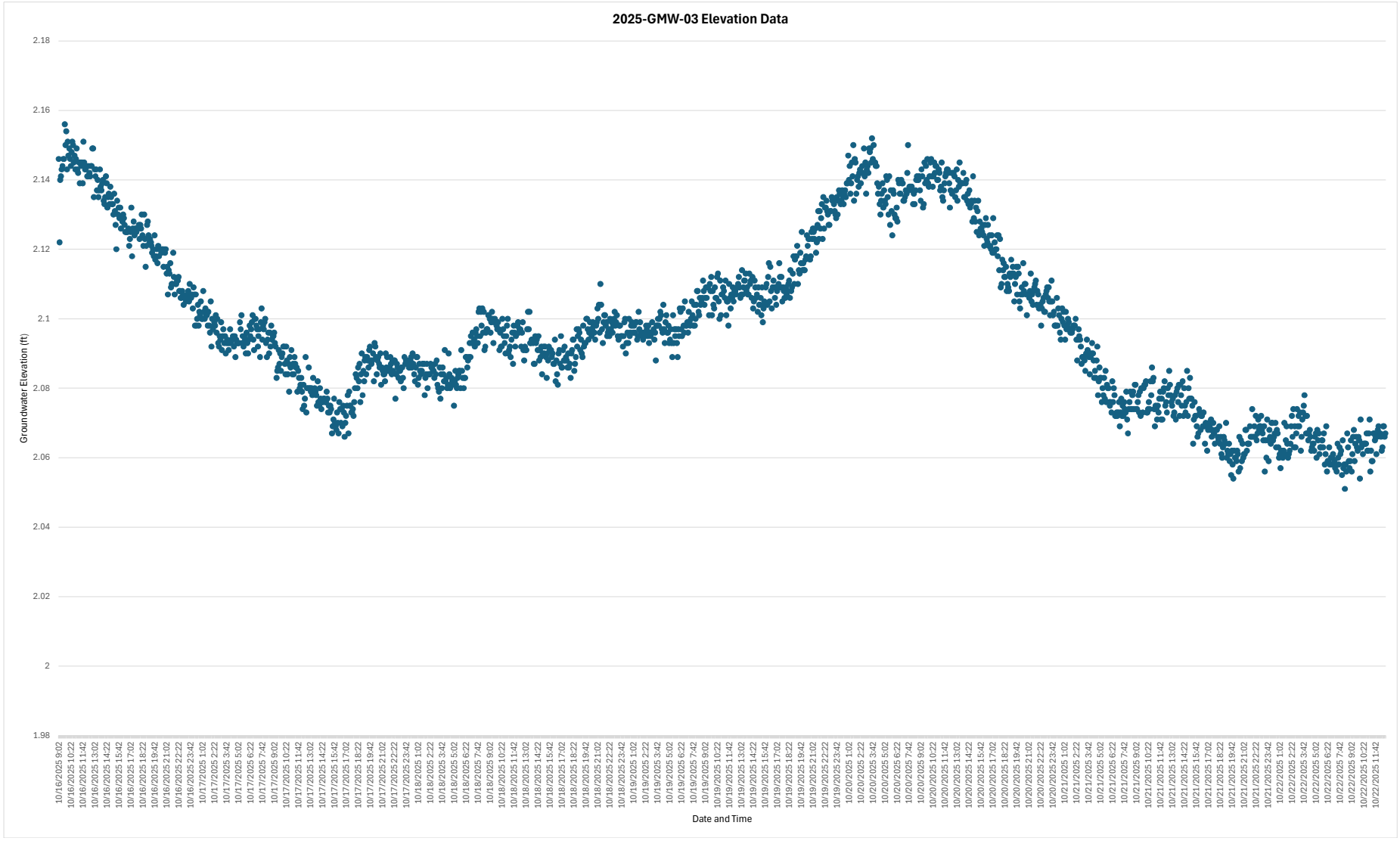
ONLY COPIES FROM THE ORIGINAL OF THIS SURVEY MARKED WITH AN ORIGINAL OF THE LAND SURVEYOR'S INKED SEAL OR HIS EMBOSSED SEAL SHALL BE CONSIDERED TO BE VALID TRUE COPIES

CERTIFICATIONS INDICATED HEREON SHALL RUN ONLY TO THE PERSON FOR WHOM THE SURVEY IS PREPARED AND ON HIS BEHALF TO THE TITLE COMPANY, GOVERNMENTAL AGENCY AND LENDING INSTITUTION LISTED HEREON, AND TO THE ASSIGNEES OF THE LENDING INSTITUTION. CERTIFICATIONS ARE NOT TRANSFERABLE TO ADDITIONAL INSTITUTIONS OR SUBSEQUENT OWNERS

STATE OF NEW YORK
SAEID JALILVAND
050236
LICENSED LAND SURVEYOR

MONTROSE
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CITY & LAND SURVEYORS
116 20 METROPOLITAN AVE * RICHMOND HILL NY 11418–1090 * (718) 849–0600
WWW.MONTROSESURVEYING.COM Email: Info@montrosesurveying.com

APPENDIX I – WELL TRANSDUCER DATA


2025-GMW-03 Elevation Data
Groundwater Elevation (ft)
2.18
2.16
2.14
2.12
2.1
2.08
2.06
2.04
2.02
2
1.98
Date and Time

APPENDIX J – SOIL VAPOR SAMPLING LOGS

SOIL VAPOR / AMBIENT AIR SAMPLE FIELD LOG

PROJECT NAME: Ocean Bay Redevelopment | DATE : 10/15/2025

LOCATION: 53-05 Beach Channel Drive, Edgemere, NY 11691 | FILE NO.: 41.0163476.00

GZA Engineer: M. Frey | Contractor/Lab: Pace Analytical Laboratories

Weather: 53-66°F, Cloudy | Analytical Method: EPA TO-15 SIM | Depth to Water: N/A

Operator: M. Frey | Ground Elevation:

Barometric Pressure: 30.14 in.Hg | PID Calibration: Completed | Water Elevation: N/A

Sample ID	Canister No.	Regulator No.	Sample Depth (ft)	Vacuum Pressure (in.Hg)		Purge Time			Sample Date	Sample Time		PID Reading (ppm)	Container Type	Surface Cover	Driving Effort	Remark
				Start	End	Purge Start	Purge Stop	Elapsed Time		Start	End					
GSV-01	2465	0795	-3	-30.05	-5.48	9:46	9:51	0:05	10/15/2025	11:05	12:05	5.20	SC	CNCRT	E	-
GSV-02	1563	0028	-3	-29.98	-5.54	9:28	9:33	0:05	10/15/2025	10:42	12:42	2.10	SC	SO	E	-
GSV-03	2777	01136	-3	-30.05	-5.97	8:58	9:03	0:05	10/15/2025	10:40	12:40	1.10	SC	CNCRT	E	-
GSV-04	686	01462	-3	-29.76	-6.14	9:04	9:09	0:05	10/15/2025	10:48	12:48	47.40	SC	SO	E	-
GSV-05	2115	02971	-3	-30.10	-4.01	9:10	9:15	0:05	10/15/2025	10:45	12:45	0.70	SC	SO	E	-
GSV-06	5242	03020	-3	-30.13	-3.85	9:40	9:45	0:05	10/15/2025	11:12	11:25	0.00	SC	CNCRT	E	-
GSV-07	3343	02179	-3	-29.95	-6.25	9:34	9:34	0:05	10/15/2025	10:43	12:43	0.20	SC	SO	E	-
GSV-08	2374	03053	-3	-29.82	-6.83	9:22	9:27	0:05	10/15/2025	11:02	13:02	1.20	SC	SO	E	-
GSV-09	3371	02628	-3	-29.57	-6.27	9:16	9:21	0:05	10/15/2025	11:00	13:00	4.70	SC	SO	E	-
DUP_2025-10-15	1537	03042	-3	-30.05	-6.77	9:52	9:57	0:05	10/15/2025	11:00	13:01	3.80	SC	SO	E	
AA-01	3960	0069	+3	-29.97	-6.50	11:10	11:15	0:05	10/15/2025	11:10	13:10	0.00	SC	-	-	-

ABBREVIATIONS:

ft. - feet

in.Hg- Inches of mercury
l./min. - liters per minute
cu. Ft. - cubic feet
ppm - parts per million
NA - not applicable

CONTAINER TYPE	SURFACE COVER	PROBE DRIVING EFFORT	SOIL MOISTURE CONTENT
TB -Tedlar Bag	SO - Soil	E - Easy	D- Dry
SC- Suma Canister	GIL - Grass/Loam	M - Moderate	M- Moderate
ST- Sorbant Tube	Asph - Asphalt	D - Difficult	W - Wet
	Cncrt - Concrete	R - Rellisal	S - Saturated

APPENDIX K - LABORATORY REPORTS

ANALYTICAL REPORT

Lab Number:	L2562994
Client:	GZA GeoEnvironmental, Inc. 104 West 29th Street, 10th Floor New York, NY 10001
ATTN:	Reinbill Maniquez
Phone:	(212) 594-8140
Project Name:	OCEAN BAY REDEVELOPMENT
Project Number:	41.0163476.00
Report Date:	10/21/25

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: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2562994-01	GZ-06 (0-2')	SOIL	53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY	10/06/25 12:45	10/06/25
L2562994-02	GZ-06 (2.5-4.5')	SOIL	53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY	10/06/25 12:50	10/06/25
L2562994-03	GZ-07 (0-2')	SOIL	53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY	10/06/25 11:30	10/06/25
L2562994-04	GZ-07 (3-5')	SOIL	53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY	10/06/25 11:35	10/06/25
L2562994-05	GZ-10 (0-2')	SOIL	53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY	10/06/25 10:00	10/06/25
L2562994-06	GZ-10 (2.5-4.5')	SOIL	53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY	10/06/25 10:05	10/06/25
L2562994-07	GZ-10 (6-8')	SOIL	53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY	10/06/25 10:10	10/06/25
L2562994-08	GZ-11 (0-2')	SOIL	53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY	10/06/25 10:15	10/06/25
L2562994-09	GZ-11 (2.5-4.5')	SOIL	53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY	10/06/25 10:20	10/06/25
L2562994-10	GZ-15 (0-2')	SOIL	53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY	10/06/25 12:05	10/06/25
L2562994-11	GZ-15 (3-5')	SOIL	53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY	10/06/25 12:20	10/06/25
L2562994-12	DUPLICATE-10-06-2025	SOIL	53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY	10/06/25 00:00	10/06/25
L2562994-13	EB-PFAS-2025-10-06	WATER	53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY	10/06/25 13:00	10/06/25
L2562994-14	TRIP BLANK-2025-10-06	SOIL	53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY	10/03/25 00:00	10/06/25
L2562994-15	FIELD BLANK-2025-10-06	WATER	53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY	10/06/25 13:15	10/06/25

Project Name:	OCEAN BAY REDEVELOPMENT	**Lab Number:**	L2562994
Project Number:	41.0163476.00	**Report Date:**	10/21/25

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:	OCEAN BAY REDEVELOPMENT	**Lab Number:**	L2562994
Project Number:	41.0163476.00	**Report Date:**	10/21/25

Case Narrative (continued)

Report Submission

October 21, 2025: This final report includes the results of all requested analyses.

October 15, 2025: This is a preliminary report.

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

Volatile Organics

L2562994-06: The sample was received in appropriate containers (vials) for Volatile Organics by EPA Method 5035/8260 Low-Level; however, the results could not be reported. With the client's authorization, a sample aliquot was taken from an unpreserved container (inappropriate plastic) and preserved appropriately. Any reported concentrations that are below 200 ug/kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications. A high-level analysis was performed and those results are also reported.

L2562994-07: The internal standard (IS) response(s) for fluorobenzene (186%) and the surrogate recoveries for dibromofluoromethane (42%) and 4-bromofluorobenzene (782%) were outside the acceptance criteria due to obvious interferences. A copy of the chromatogram is included as an attachment to this report. The sample was analyzed as a High Level Methanol in order to quantitate results within the calibration range. The result should be considered estimated, and is qualified with an E flag, for any compound that exceeded the calibration on the initial Low Level analysis; however, since the IS response was above method criteria, all associated compounds are considered to have a potentially low bias. The results of both analyses are reported. Differences were noted between the results of the Volatile Organics by EPA Method 5035/8260 High and Low Level analyses which have been attributed to vial discrepancies.

L2562994-07: The surrogate recovery is outside the acceptance criteria for 1,2-dichloroethane-d4 (135%); however, the sample was not re-analyzed due to coelution with an obvious interference. A copy of the chromatogram is included as an attachment to this report.

L2562994-08R: The sample was received in appropriate containers (vials) for Volatile Organics by EPA

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Case Narrative (continued)

Method 5035/8260 Low-Level; however, the results could not be reported. With the client's authorization, a sample aliquot was taken from an unpreserved container (inappropriate plastic) and preserved appropriately. Any reported concentrations that are below 200 ug/kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.
The WG2129567-5 Method Blank associated with L2562994-10, -11, -12, and -14 has a concentration above the reporting limit for bromomethane. 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".
The WG2129570-5 Method Blank associated with L2562994-14 has a concentration above the reporting limit for bromomethane. 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".

Semivolatile Organics
L2562994-07D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.
L2562994-07D: The surrogate recoveries are below the acceptance criteria for 2-fluorophenol (0%), phenol-d6 (0%), nitrobenzene-d5 (0%), 2-fluorobiphenyl (0%), 2,4,6-tribromophenol (0%) and 4-terphenyl-d14 (0%) due to the dilution required to quantitate the sample. Re-extraction was not required; therefore, the results of the original analysis are reported.
L2562994-08D: The sample has elevated detection limits due to the dilution required by the sample matrix.
The WG2124876-4/-5 MS/MSD recoveries performed on L2562994-10 are below the acceptance criteria for hexachlorocyclopentadiene (0%/0%), 2,4-dinitrophenol (MS 0%), 4,6-dinitro-o-cresol (0%/0%), and benzoic acid (MSD 0%) due to the concentrations of these compounds in the MS/MSD falling below the reported detection limits.

Perfluorinated Alkyl Acids by 1633

Project Name:	OCEAN BAY REDEVELOPMENT	**Lab Number:**	L2562994
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Case Narrative (continued)

WG2125933-1, WG2125933-2R2, and WG2125933-3R: The sample was re-analyzed due to QC failures in the original analysis. The results of the re-analysis are reported.

Herbicides

L2562994-08: The sample has elevated detection limits due to the limited sample volume utilized during extraction, as required by the sample matrix.

Total Metals

L2562994-01 through -12: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG2125677-3/-4 MS/MSD recoveries performed on L2562994-10 do not apply for aluminum (MS 170%) and iron (0%/0%) because the sample concentrations are greater than four times the spike amounts added.

The WG2125677-3/-4 MS/MSD recoveries performed on L2562994-10 are outside the acceptance criteria for antimony (70%/74%) and calcium (MSD 46%). A post digestion spike was performed and was within acceptance criteria.

The WG2125677-6 serial dilution analysis associated with L2562994-10 had a %D above the acceptance criteria for iron (21%) and magnesium (25%).

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: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 10/21/25

ORGANICS

VOLATILES

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-01 Date Collected: 10/06/25 12:45
Client ID: GZ-06 (0-2') Date Received: 10/06/25
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 10/17/25 14:53
Analyst: JIC
Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.7	3.0	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.19	1
Chloroform	ND		ug/kg	2.0	0.19	1
Carbon tetrachloride	ND		ug/kg	1.3	0.31	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.17	1
Dibromochloromethane	ND		ug/kg	1.3	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.36	1
Tetrachloroethene	ND		ug/kg	0.67	0.26	1
Chlorobenzene	ND		ug/kg	0.67	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.3	0.93	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.34	1
1,1,1-Trichloroethane	ND		ug/kg	0.67	0.22	1
Bromodichloromethane	ND		ug/kg	0.67	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.36	1
cis-1,3-Dichloropropene	ND		ug/kg	0.67	0.21	1
1,3-Dichloropropene, Total	ND		ug/kg	0.67	0.21	1
1,1-Dichloropropene	ND		ug/kg	0.67	0.21	1
Bromoform	ND		ug/kg	5.3	0.33	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.67	0.22	1
Benzene	ND		ug/kg	0.67	0.22	1
Toluene	ND		ug/kg	1.3	0.72	1
Ethylbenzene	ND		ug/kg	1.3	0.19	1
Chloromethane	ND		ug/kg	5.3	1.2	1
Bromomethane	ND		ug/kg	2.7	0.78	1
Vinyl chloride	ND		ug/kg	1.3	0.45	1
Chloroethane	ND		ug/kg	2.7	0.60	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.18	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-01 Date Collected: 10/06/25 12:45

Client ID: GZ-06 (0-2') Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.67	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.7	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	2.7	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.7	0.23	1
Methyl tert butyl ether	ND		ug/kg	2.7	0.27	1
p/m-Xylene	ND		ug/kg	2.7	0.75	1
o-Xylene	ND		ug/kg	1.3	0.39	1
Xylenes, Total	ND		ug/kg	1.3	0.39	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.23	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.18	1
Dibromomethane	ND		ug/kg	2.7	0.32	1
Styrene	ND		ug/kg	1.3	0.26	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	ND		ug/kg	13	6.4	1
Carbon disulfide	ND		ug/kg	13	6.1	1
2-Butanone	ND		ug/kg	13	3.0	1
Vinyl acetate	ND		ug/kg	13	2.9	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.7	1
1,2,3-Trichloropropane	ND		ug/kg	2.7	0.17	1
2-Hexanone	ND		ug/kg	13	1.6	1
Bromochloromethane	ND		ug/kg	2.7	0.27	1
2,2-Dichloropropane	ND		ug/kg	2.7	0.27	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.37	1
1,3-Dichloropropane	ND		ug/kg	2.7	0.22	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.67	0.18	1
Bromobenzene	ND		ug/kg	2.7	0.19	1
n-Butylbenzene	ND		ug/kg	1.3	0.22	1
sec-Butylbenzene	ND		ug/kg	1.3	0.20	1
tert-Butylbenzene	ND		ug/kg	2.7	0.16	1
o-Chlorotoluene	ND		ug/kg	2.7	0.26	1
p-Chlorotoluene	ND		ug/kg	2.7	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.0	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.3	0.22	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.14	1
Naphthalene	ND		ug/kg	5.3	0.87	1
Acrylonitrile	ND		ug/kg	5.3	1.5	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-01 Date Collected: 10/06/25 12:45

Client ID: GZ-06 (0-2') Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.3	0.23	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.7	0.43	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.7	0.36	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.7	0.26	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.7	0.45	1
1,4-Dioxane	ND		ug/kg	110	47.	1
p-Diethylbenzene	ND		ug/kg	2.7	0.24	1
p-Ethyltoluene	ND		ug/kg	2.7	0.51	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.7	0.26	1
Ethyl ether	ND		ug/kg	2.7	0.46	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.7	1.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	105		70-130

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-02 Date Collected: 10/06/25 12:50

Client ID: GZ-06 (2.5-4.5') Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 10/17/25 15:19

Analyst: JIC

Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.9	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.59	0.23	1
Chlorobenzene	ND		ug/kg	0.59	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.7	0.82	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.59	0.20	1
Bromodichloromethane	ND		ug/kg	0.59	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.59	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.59	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.59	0.19	1
Bromoform	ND		ug/kg	4.7	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.59	0.20	1
Benzene	ND		ug/kg	0.59	0.20	1
Toluene	ND		ug/kg	1.2	0.64	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.7	1.1	1
Bromomethane	ND		ug/kg	2.4	0.69	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.53	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-02 Date Collected: 10/06/25 12:50

Client ID: GZ-06 (2.5-4.5') Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.59	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.66	1
o-Xylene	ND		ug/kg	1.2	0.34	1
Xylenes, Total	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.4	0.28	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.7	1
Carbon disulfide	ND		ug/kg	12	5.4	1
2-Butanone	ND		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.59	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.22	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.5	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.7	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.7	0.77	1
Acrylonitrile	ND		ug/kg	4.7	1.4	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-02 Date Collected: 10/06/25 12:50

Client ID: GZ-06 (2.5-4.5') Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.39	1
1,4-Dioxane	ND		ug/kg	94	41.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.21	1
p-Ethyltoluene	ND		ug/kg	2.4	0.45	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.22	1
Ethyl ether	ND		ug/kg	2.4	0.40	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.9	1.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	86		70-130
Dibromofluoromethane	101		70-130

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-03 Date Collected: 10/06/25 11:30

Client ID: GZ-07 (0-2') Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 10/17/25 15:45

Analyst: JIC

Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.1	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.33	1
Tetrachloroethene	ND		ug/kg	0.61	0.24	1
Chlorobenzene	ND		ug/kg	0.61	0.16	1
Trichlorofluoromethane	ND		ug/kg	4.9	0.85	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.61	0.20	1
Bromodichloromethane	ND		ug/kg	0.61	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.34	1
cis-1,3-Dichloropropene	ND		ug/kg	0.61	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.61	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.61	0.20	1
Bromoform	ND		ug/kg	4.9	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.61	0.20	1
Benzene	ND		ug/kg	0.61	0.20	1
Toluene	ND		ug/kg	1.2	0.67	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.9	1.1	1
Bromomethane	ND		ug/kg	2.4	0.71	1
Vinyl chloride	ND		ug/kg	1.2	0.41	1
Chloroethane	ND		ug/kg	2.4	0.55	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.17	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-03 Date Collected: 10/06/25 11:30

Client ID: GZ-07 (0-2') Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.61	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.25	1
p/m-Xylene	ND		ug/kg	2.4	0.69	1
o-Xylene	ND		ug/kg	1.2	0.36	1
Xylenes, Total	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.17	1
Dibromomethane	ND		ug/kg	2.4	0.29	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.9	1
Carbon disulfide	ND		ug/kg	12	5.6	1
2-Butanone	ND		ug/kg	12	2.7	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.16	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.25	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.61	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.18	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.7	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.9	0.21	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.9	0.80	1
Acrylonitrile	ND		ug/kg	4.9	1.4	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-03 Date Collected: 10/06/25 11:30

Client ID: GZ-07 (0-2') Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.40	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.33	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.41	1
1,4-Dioxane	ND		ug/kg	98	43.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.22	1
p-Ethyltoluene	ND		ug/kg	2.4	0.47	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.42	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.1	1.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	99		70-130

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-04 Date Collected: 10/06/25 11:35
Client ID: GZ-07 (3-5') Date Received: 10/06/25
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 10/17/25 16:11
Analyst: JIC
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.5	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	ND		ug/kg	0.55	0.22	1
Chlorobenzene	ND		ug/kg	0.55	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.76	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.55	0.18	1
Bromodichloromethane	ND		ug/kg	0.55	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.55	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.55	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.55	0.18	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.55	0.18	1
Benzene	ND		ug/kg	0.55	0.18	1
Toluene	ND		ug/kg	1.1	0.60	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.64	1
Vinyl chloride	ND		ug/kg	1.1	0.37	1
Chloroethane	ND		ug/kg	2.2	0.50	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-04 Date Collected: 10/06/25 11:35

Client ID: GZ-07 (3-5') Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.55	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.62	1
o-Xylene	ND		ug/kg	1.1	0.32	1
Xylenes, Total	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.26	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.3	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	ND		ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.55	0.14	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.21	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.4	0.19	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.4	0.72	1
Acrylonitrile	ND		ug/kg	4.4	1.3	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-04 Date Collected: 10/06/25 11:35

Client ID: GZ-07 (3-5') Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.35	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.37	1
1,4-Dioxane	ND		ug/kg	88	39.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.20	1
p-Ethyltoluene	ND		ug/kg	2.2	0.42	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.21	1
Ethyl ether	ND		ug/kg	2.2	0.38	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.5	1.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	87		70-130
Dibromofluoromethane	105		70-130

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-05 Date Collected: 10/06/25 10:00

Client ID: GZ-10 (0-2') Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 10/17/25 16:37

Analyst: JIC

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.2	2.9	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.9	0.18	1
Carbon tetrachloride	ND		ug/kg	1.2	0.29	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.16	1
Dibromochloromethane	ND		ug/kg	1.2	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.33	1
Tetrachloroethene	ND		ug/kg	0.62	0.24	1
Chlorobenzene	ND		ug/kg	0.62	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.0	0.87	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.62	0.21	1
Bromodichloromethane	ND		ug/kg	0.62	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.34	1
cis-1,3-Dichloropropene	ND		ug/kg	0.62	0.20	1
1,3-Dichloropropene, Total	ND		ug/kg	0.62	0.20	1
1,1-Dichloropropene	ND		ug/kg	0.62	0.20	1
Bromoform	ND		ug/kg	5.0	0.31	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.62	0.21	1
Benzene	ND		ug/kg	0.62	0.21	1
Toluene	ND		ug/kg	1.2	0.68	1
Ethylbenzene	ND		ug/kg	1.2	0.18	1
Chloromethane	ND		ug/kg	5.0	1.2	1
Bromomethane	ND		ug/kg	2.5	0.73	1
Vinyl chloride	ND		ug/kg	1.2	0.42	1
Chloroethane	ND		ug/kg	2.5	0.56	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.17	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-05 Date Collected: 10/06/25 10:00

Client ID: GZ-10 (0-2') Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.62	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.25	1
p/m-Xylene	ND		ug/kg	2.5	0.70	1
o-Xylene	ND		ug/kg	1.2	0.36	1
Xylenes, Total	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.22	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.17	1
Dibromomethane	ND		ug/kg	2.5	0.30	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	6.0	1
Carbon disulfide	ND		ug/kg	12	5.7	1
2-Butanone	ND		ug/kg	12	2.8	1
Vinyl acetate	ND		ug/kg	12	2.7	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.5	0.16	1
2-Hexanone	ND		ug/kg	12	1.5	1
Bromochloromethane	ND		ug/kg	2.5	0.26	1
2,2-Dichloropropane	ND		ug/kg	2.5	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.35	1
1,3-Dichloropropane	ND		ug/kg	2.5	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.62	0.16	1
Bromobenzene	ND		ug/kg	2.5	0.18	1
n-Butylbenzene	ND		ug/kg	1.2	0.21	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.5	0.15	1
o-Chlorotoluene	ND		ug/kg	2.5	0.24	1
p-Chlorotoluene	ND		ug/kg	2.5	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.8	1.2	1
Hexachlorobutadiene	ND		ug/kg	5.0	0.21	1
Isopropylbenzene	ND		ug/kg	1.2	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.14	1
Naphthalene	ND		ug/kg	5.0	0.81	1
Acrylonitrile	ND		ug/kg	5.0	1.4	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-05 Date Collected: 10/06/25 10:00

Client ID: GZ-10 (0-2') Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.5	0.40	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.5	0.34	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.5	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.5	0.42	1
1,4-Dioxane	ND		ug/kg	100	44.	1
p-Diethylbenzene	ND		ug/kg	2.5	0.22	1
p-Ethyltoluene	ND		ug/kg	2.5	0.48	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.5	0.24	1
Ethyl ether	ND		ug/kg	2.5	0.43	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.2	1.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	86		70-130
Dibromofluoromethane	102		70-130

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-06 Date Collected: 10/06/25 10:05

Client ID: GZ-10 (2.5-4.5') Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 10/20/25 10:27

Analyst: AJK

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.5	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	0.25	J	ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	ND		ug/kg	0.55	0.21	1
Chlorobenzene	ND		ug/kg	0.55	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.76	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.55	0.18	1
Bromodichloromethane	ND		ug/kg	0.55	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.55	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.55	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.55	0.17	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.55	0.18	1
Benzene	0.18	J	ug/kg	0.55	0.18	1
Toluene	ND		ug/kg	1.1	0.59	1
Ethylbenzene	0.21	J	ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.63	1
Vinyl chloride	ND		ug/kg	1.1	0.37	1
Chloroethane	ND		ug/kg	2.2	0.49	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-06 Date Collected: 10/06/25 10:05

Client ID: GZ-10 (2.5-4.5') Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.55	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.61	1
o-Xylene	ND		ug/kg	1.1	0.32	1
Xylenes, Total	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.26	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	9.7	J	ug/kg	11	5.2	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	ND		ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.55	0.14	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.21	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.4	0.18	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.4	0.71	1
Acrylonitrile	ND		ug/kg	4.4	1.2	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-06 Date Collected: 10/06/25 10:05

Client ID: GZ-10 (2.5-4.5') Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	0.24	J	ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.35	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	0.79	J	ug/kg	2.2	0.36	1
1,4-Dioxane	ND		ug/kg	87	38.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.19	1
p-Ethyltoluene	ND		ug/kg	2.2	0.42	1
1,2,4,5-Tetramethylbenzene	0.31	J	ug/kg	2.2	0.21	1
Ethyl ether	ND		ug/kg	2.2	0.37	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.5	1.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	79		70-130

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-06 Date Collected: 10/06/25 10:05

Client ID: GZ-10 (2.5-4.5') Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 10/20/25 12:10

Analyst: AJK

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	330	150	1
1,1-Dichloroethane	ND		ug/kg	66	9.6	1
Chloroform	21	J	ug/kg	100	9.3	1
Carbon tetrachloride	ND		ug/kg	66	15.	1
1,2-Dichloropropane	ND		ug/kg	66	8.3	1
Dibromochloromethane	ND		ug/kg	66	9.3	1
1,1,2-Trichloroethane	ND		ug/kg	66	18.	1
Tetrachloroethene	ND		ug/kg	33	13.	1
Chlorobenzene	ND		ug/kg	33	8.4	1
Trichlorofluoromethane	ND		ug/kg	260	46.	1
1,2-Dichloroethane	ND		ug/kg	66	17.	1
1,1,1-Trichloroethane	ND		ug/kg	33	11.	1
Bromodichloromethane	ND		ug/kg	33	7.2	1
trans-1,3-Dichloropropene	ND		ug/kg	66	18.	1
cis-1,3-Dichloropropene	ND		ug/kg	33	10.	1
1,3-Dichloropropene, Total	ND		ug/kg	33	10.	1
1,1-Dichloropropene	ND		ug/kg	33	10.	1
Bromoform	ND		ug/kg	260	16.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	33	11.	1
Benzene	ND		ug/kg	33	11.	1
Toluene	ND		ug/kg	66	36.	1
Ethylbenzene	ND		ug/kg	66	9.4	1
Chloromethane	ND		ug/kg	260	62.	1
Bromomethane	ND		ug/kg	130	39.	1
Vinyl chloride	ND		ug/kg	66	22.	1
Chloroethane	ND		ug/kg	130	30.	1
1,1-Dichloroethene	ND		ug/kg	66	16.	1
trans-1,2-Dichloroethene	ND		ug/kg	100	9.1	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-06 Date Collected: 10/06/25 10:05

Client ID: GZ-10 (2.5-4.5') Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	ND		ug/kg	33	9.1	1
1,2-Dichlorobenzene	ND		ug/kg	130	9.6	1
1,3-Dichlorobenzene	ND		ug/kg	130	9.8	1
1,4-Dichlorobenzene	ND		ug/kg	130	11.	1
Methyl tert butyl ether	ND		ug/kg	130	13.	1
p/m-Xylene	ND		ug/kg	130	37.	1
o-Xylene	ND		ug/kg	66	19.	1
Xylenes, Total	ND		ug/kg	66	19.	1
cis-1,2-Dichloroethene	ND		ug/kg	66	12.	1
1,2-Dichloroethene, Total	ND		ug/kg	66	9.1	1
Dibromomethane	ND		ug/kg	130	16.	1
Styrene	ND		ug/kg	66	13.	1
Dichlorodifluoromethane	ND		ug/kg	660	61.	1
Acetone	ND		ug/kg	660	320	1
Carbon disulfide	ND		ug/kg	660	300	1
2-Butanone	ND		ug/kg	660	150	1
Vinyl acetate	ND		ug/kg	660	140	1
4-Methyl-2-pentanone	ND		ug/kg	660	85.	1
1,2,3-Trichloropropane	ND		ug/kg	130	8.4	1
2-Hexanone	ND		ug/kg	660	78.	1
Bromochloromethane	ND		ug/kg	130	14.	1
2,2-Dichloropropane	ND		ug/kg	130	13.	1
1,2-Dibromoethane	ND		ug/kg	66	18.	1
1,3-Dichloropropane	ND		ug/kg	130	11.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	33	8.8	1
Bromobenzene	ND		ug/kg	130	9.6	1
n-Butylbenzene	ND		ug/kg	66	11.	1
sec-Butylbenzene	ND		ug/kg	66	9.7	1
tert-Butylbenzene	ND		ug/kg	130	7.8	1
o-Chlorotoluene	ND		ug/kg	130	13.	1
p-Chlorotoluene	ND		ug/kg	130	7.2	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	200	66.	1
Hexachlorobutadiene	ND		ug/kg	260	11.	1
Isopropylbenzene	ND		ug/kg	66	7.2	1
p-Isopropyltoluene	ND		ug/kg	66	7.2	1
Naphthalene	ND		ug/kg	260	43.	1
Acrylonitrile	ND		ug/kg	260	76.	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-06 Date Collected: 10/06/25 10:05

Client ID: GZ-10 (2.5-4.5') Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
n-Propylbenzene	ND		ug/kg	66	11.	1
1,2,3-Trichlorobenzene	ND		ug/kg	130	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	130	18.	1
1,3,5-Trimethylbenzene	ND		ug/kg	130	13.	1
1,2,4-Trimethylbenzene	ND		ug/kg	130	22.	1
1,4-Dioxane	ND		ug/kg	5300	2300	1
p-Diethylbenzene	ND		ug/kg	130	12.	1
p-Ethyltoluene	ND		ug/kg	130	26.	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	130	13.	1
Ethyl ether	ND		ug/kg	130	23.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	330	94.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	92		70-130

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-07 Date Collected: 10/06/25 10:10

Client ID: GZ-10 (6-8') Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 10/17/25 17:29

Analyst: JIC

Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.9	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.31	1
Tetrachloroethene	0.58	J	ug/kg	0.59	0.23	1
Chlorobenzene	ND		ug/kg	0.59	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.7	0.82	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.59	0.20	1
Bromodichloromethane	ND		ug/kg	0.59	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.59	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.59	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.59	0.19	1
Bromoform	ND		ug/kg	4.7	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.59	0.20	1
Benzene	ND		ug/kg	0.59	0.20	1
Toluene	ND		ug/kg	1.2	0.64	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.7	1.1	1
Bromomethane	ND		ug/kg	2.4	0.68	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	0.54	J	ug/kg	2.4	0.53	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-07 Date Collected: 10/06/25 10:10

Client ID: GZ-10 (6-8') Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.59	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.66	1
o-Xylene	1.4		ug/kg	1.2	0.34	1
Xylenes, Total	1.4		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.4	0.28	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.7	1
Carbon disulfide	ND		ug/kg	12	5.4	1
2-Butanone	ND		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.59	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.17	1
n-Butylbenzene	560	E	ug/kg	1.2	0.20	1
sec-Butylbenzene	570	E	ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.22	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.5	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.7	0.20	1
Isopropylbenzene	530	E	ug/kg	1.2	0.13	1
p-Isopropyltoluene	190		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.7	0.77	1
Acrylonitrile	ND		ug/kg	4.7	1.4	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-07 Date Collected: 10/06/25 10:10

Client ID: GZ-10 (6-8') Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	2600	E	ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	3900	E	ug/kg	2.4	0.39	1
1,4-Dioxane	ND		ug/kg	94	41.	1
p-Diethylbenzene	570	E	ug/kg	2.4	0.21	1
p-Ethyltoluene	2400	E	ug/kg	2.4	0.45	1
1,2,4,5-Tetramethylbenzene	380	E	ug/kg	2.4	0.22	1
Ethyl ether	ND		ug/kg	2.4	0.40	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.9	1.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	123		70-130
Toluene-d8	110		70-130
4-Bromofluorobenzene	**782**	Q	70-130
Dibromofluoromethane	**42**	Q	70-130

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-07 Date Collected: 10/06/25 10:10

Client ID: GZ-10 (6-8') Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 10/18/25 16:00

Analyst: JIC

Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	340	160	1
1,1-Dichloroethane	ND		ug/kg	69	10.	1
Chloroform	ND		ug/kg	100	9.6	1
Carbon tetrachloride	ND		ug/kg	69	16.	1
1,2-Dichloropropane	ND		ug/kg	69	8.6	1
Dibromochloromethane	ND		ug/kg	69	9.6	1
1,1,2-Trichloroethane	ND		ug/kg	69	18.	1
Tetrachloroethene	18	J	ug/kg	34	14.	1
Chlorobenzene	ND		ug/kg	34	8.8	1
Trichlorofluoromethane	ND		ug/kg	280	48.	1
1,2-Dichloroethane	ND		ug/kg	69	18.	1
1,1,1-Trichloroethane	ND		ug/kg	34	12.	1
Bromodichloromethane	ND		ug/kg	34	7.5	1
trans-1,3-Dichloropropene	ND		ug/kg	69	19.	1
cis-1,3-Dichloropropene	ND		ug/kg	34	11.	1
1,3-Dichloropropene, Total	ND		ug/kg	34	11.	1
1,1-Dichloropropene	ND		ug/kg	34	11.	1
Bromoform	ND		ug/kg	280	17.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	34	11.	1
Benzene	ND		ug/kg	34	11.	1
Toluene	ND		ug/kg	69	37.	1
Ethylbenzene	ND		ug/kg	69	9.7	1
Chloromethane	ND		ug/kg	280	64.	1
Bromomethane	ND		ug/kg	140	40.	1
Vinyl chloride	ND		ug/kg	69	23.	1
Chloroethane	ND		ug/kg	140	31.	1
1,1-Dichloroethene	ND		ug/kg	69	16.	1
trans-1,2-Dichloroethene	ND		ug/kg	100	9.4	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-07 Date Collected: 10/06/25 10:10

Client ID: GZ-10 (6-8') Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	ND		ug/kg	34	9.4	1
1,2-Dichlorobenzene	ND		ug/kg	140	9.9	1
1,3-Dichlorobenzene	ND		ug/kg	140	10.	1
1,4-Dichlorobenzene	ND		ug/kg	140	12.	1
Methyl tert butyl ether	ND		ug/kg	140	14.	1
p/m-Xylene	ND		ug/kg	140	38.	1
o-Xylene	23	J	ug/kg	69	20.	1
Xylenes, Total	23	J	ug/kg	69	20.	1
cis-1,2-Dichloroethene	ND		ug/kg	69	12.	1
1,2-Dichloroethene, Total	ND		ug/kg	69	9.4	1
Dibromomethane	ND		ug/kg	140	16.	1
Styrene	ND		ug/kg	69	14.	1
Dichlorodifluoromethane	ND		ug/kg	690	63.	1
Acetone	ND		ug/kg	690	330	1
Carbon disulfide	ND		ug/kg	690	310	1
2-Butanone	ND		ug/kg	690	150	1
Vinyl acetate	ND		ug/kg	690	150	1
4-Methyl-2-pentanone	ND		ug/kg	690	88.	1
1,2,3-Trichloropropane	ND		ug/kg	140	8.8	1
2-Hexanone	ND		ug/kg	690	81.	1
Bromochloromethane	ND		ug/kg	140	14.	1
2,2-Dichloropropane	ND		ug/kg	140	14.	1
1,2-Dibromoethane	ND		ug/kg	69	19.	1
1,3-Dichloropropane	ND		ug/kg	140	12.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	34	9.1	1
Bromobenzene	ND		ug/kg	140	10.	1
n-Butylbenzene	26000	E	ug/kg	69	12.	1
sec-Butylbenzene	12000		ug/kg	69	10.	1
tert-Butylbenzene	ND		ug/kg	140	8.1	1
o-Chlorotoluene	ND		ug/kg	140	13.	1
p-Chlorotoluene	ND		ug/kg	140	7.4	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	210	69.	1
Hexachlorobutadiene	ND		ug/kg	280	12.	1
Isopropylbenzene	6500		ug/kg	69	7.5	1
p-Isopropyltoluene	5000		ug/kg	69	7.5	1
Naphthalene	65	J	ug/kg	280	45.	1
Acrylonitrile	ND		ug/kg	280	79.	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-07 Date Collected: 10/06/25 10:10

Client ID: GZ-10 (6-8') Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
n-Propylbenzene	47000	E	ug/kg	69	12.	1
1,2,3-Trichlorobenzene	ND		ug/kg	140	22.	1
1,2,4-Trichlorobenzene	ND		ug/kg	140	19.	1
1,3,5-Trimethylbenzene	ND		ug/kg	140	13.	1
1,2,4-Trimethylbenzene	110000	E	ug/kg	140	23.	1
1,4-Dioxane	ND		ug/kg	5500	2400	1
p-Diethylbenzene	27000	E	ug/kg	140	12.	1
p-Ethyltoluene	52000	E	ug/kg	140	26.	1
1,2,4,5-Tetramethylbenzene	42000	E	ug/kg	140	13.	1
Ethyl ether	ND		ug/kg	140	23.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	340	98.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	**135**	Q	70-130
Toluene-d8	116		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	70		70-130

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-07 D
Client ID: GZ-10 (6-8')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/06/25 10:10
Date Received: 10/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 10/20/25 12:36
Analyst: AJK
Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
n-Butylbenzene	28000		ug/kg	1400	230	20
n-Propylbenzene	48000		ug/kg	1400	240	20
1,2,4-Trimethylbenzene	150000		ug/kg	2800	460	20
p-Diethylbenzene	26000		ug/kg	2800	240	20
p-Ethyltoluene	53000		ug/kg	2800	530	20
1,2,4,5-Tetramethylbenzene	48000		ug/kg	2800	260	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	91		70-130

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-08 Date Collected: 10/06/25 10:15

Client ID: GZ-11 (0-2') Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 10/17/25 17:55

Analyst: JIC

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.0	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	10		ug/kg	0.60	0.24	1
Chlorobenzene	ND		ug/kg	0.60	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.8	0.83	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.60	0.20	1
Bromodichloromethane	ND		ug/kg	0.60	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.60	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.60	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.60	0.19	1
Bromoform	ND		ug/kg	4.8	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.60	0.20	1
Benzene	ND		ug/kg	0.60	0.20	1
Toluene	ND		ug/kg	1.2	0.65	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.8	1.1	1
Bromomethane	ND		ug/kg	2.4	0.70	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.54	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-08 Date Collected: 10/06/25 10:15

Client ID: GZ-11 (0-2') Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.60	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.67	1
o-Xylene	ND		ug/kg	1.2	0.35	1
Xylenes, Total	ND		ug/kg	1.2	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.4	0.28	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	6.4	J	ug/kg	12	5.8	1
Carbon disulfide	ND		ug/kg	12	5.5	1
2-Butanone	ND		ug/kg	12	2.7	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.25	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.60	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.17	1
n-Butylbenzene	3.7		ug/kg	1.2	0.20	1
sec-Butylbenzene	1.4		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.8	0.20	1
Isopropylbenzene	0.42	J	ug/kg	1.2	0.13	1
p-Isopropyltoluene	0.62	J	ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.8	0.78	1
Acrylonitrile	ND		ug/kg	4.8	1.4	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-08 Date Collected: 10/06/25 10:15

Client ID: GZ-11 (0-2') Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	2.7		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.39	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.33	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	9.0		ug/kg	2.4	0.40	1
1,4-Dioxane	ND		ug/kg	96	42.	1
p-Diethylbenzene	4.2		ug/kg	2.4	0.21	1
p-Ethyltoluene	2.7		ug/kg	2.4	0.46	1
1,2,4,5-Tetramethylbenzene	15		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.41	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.0	1.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	92		70-130

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-08 R
Client ID: GZ-11 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/06/25 10:15
Date Received: 10/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 10/20/25 10:53
Analyst: AJK
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Butylbenzene	0.45	J	ug/kg	1.1	0.18	1
sec-Butylbenzene	0.49	J	ug/kg	1.1	0.16	1
n-Propylbenzene	1.5		ug/kg	1.1	0.18	1
1,2,4-Trimethylbenzene	3.8		ug/kg	2.2	0.36	1
p-Diethylbenzene	0.62	J	ug/kg	2.2	0.19	1
p-Ethyltoluene	1.0	J	ug/kg	2.2	0.42	1
1,2,4,5-Tetramethylbenzene	1.6	J	ug/kg	2.2	0.21	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	81		70-130

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-09 Date Collected: 10/06/25 10:20
Client ID: GZ-11 (2.5-4.5') Date Received: 10/06/25
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 10/18/25 15:34
Analyst: MNF
Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.7	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	1.5		ug/kg	0.57	0.22	1
Chlorobenzene	ND		ug/kg	0.57	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.79	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.57	0.19	1
Bromodichloromethane	ND		ug/kg	0.57	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.57	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.57	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.57	0.18	1
Bromoform	ND		ug/kg	4.6	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.57	0.19	1
Benzene	ND		ug/kg	0.57	0.19	1
Toluene	ND		ug/kg	1.1	0.62	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.6	1.1	1
Bromomethane	ND		ug/kg	2.3	0.66	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.3	0.52	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-09 Date Collected: 10/06/25 10:20

Client ID: GZ-11 (2.5-4.5') Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.57	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.64	1
o-Xylene	ND		ug/kg	1.1	0.33	1
Xylenes, Total	ND		ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.16	1
Dibromomethane	ND		ug/kg	2.3	0.27	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.5	1
Carbon disulfide	ND		ug/kg	11	5.2	1
2-Butanone	ND		ug/kg	11	2.5	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.3	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.3	0.23	1
2,2-Dichloropropane	ND		ug/kg	2.3	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.32	1
1,3-Dichloropropane	ND		ug/kg	2.3	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.57	0.15	1
Bromobenzene	ND		ug/kg	2.3	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.17	1
tert-Butylbenzene	ND		ug/kg	2.3	0.13	1
o-Chlorotoluene	ND		ug/kg	2.3	0.22	1
p-Chlorotoluene	ND		ug/kg	2.3	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.6	0.19	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.6	0.74	1
Acrylonitrile	ND		ug/kg	4.6	1.3	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-09 Date Collected: 10/06/25 10:20

Client ID: GZ-11 (2.5-4.5') Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.37	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.31	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.38	1
1,4-Dioxane	ND		ug/kg	91	40.	1
p-Diethylbenzene	ND		ug/kg	2.3	0.20	1
p-Ethyltoluene	ND		ug/kg	2.3	0.44	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.3	0.22	1
Ethyl ether	ND		ug/kg	2.3	0.39	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.7	1.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	83		70-130
Dibromofluoromethane	109		70-130

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-10 Date Collected: 10/06/25 12:05
Client ID: GZ-15 (0-2') Date Received: 10/06/25
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 10/17/25 17:18
Analyst: JIC
Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.0	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	0.75		ug/kg	0.60	0.24	1
Chlorobenzene	ND		ug/kg	0.60	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.8	0.83	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.60	0.20	1
Bromodichloromethane	ND		ug/kg	0.60	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.60	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.60	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.60	0.19	1
Bromoform	ND		ug/kg	4.8	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.60	0.20	1
Benzene	ND		ug/kg	0.60	0.20	1
Toluene	ND		ug/kg	1.2	0.65	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.8	1.1	1
Bromomethane	ND		ug/kg	2.4	0.70	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.54	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-10 Date Collected: 10/06/25 12:05

Client ID: GZ-15 (0-2') Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.60	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.67	1
o-Xylene	ND		ug/kg	1.2	0.35	1
Xylenes, Total	ND		ug/kg	1.2	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.4	0.28	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.8	1
Carbon disulfide	ND		ug/kg	12	5.4	1
2-Butanone	ND		ug/kg	12	2.7	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.60	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.8	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.8	0.78	1
Acrylonitrile	ND		ug/kg	4.8	1.4	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-10 Date Collected: 10/06/25 12:05

Client ID: GZ-15 (0-2') Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.39	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.33	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	0.57	J	ug/kg	2.4	0.40	1
1,4-Dioxane	ND		ug/kg	96	42.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.21	1
p-Ethyltoluene	ND		ug/kg	2.4	0.46	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.41	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.0	1.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	108		70-130

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-11 Date Collected: 10/06/25 12:20
Client ID: GZ-15 (3-5') Date Received: 10/06/25
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 10/17/25 17:43
Analyst: JIC
Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	2.8	1.3	1
1,1-Dichloroethane	ND		ug/kg	0.56	0.08	1
Chloroform	ND		ug/kg	0.84	0.08	1
Carbon tetrachloride	ND		ug/kg	0.56	0.13	1
1,2-Dichloropropane	ND		ug/kg	0.56	0.07	1
Dibromochloromethane	ND		ug/kg	0.56	0.08	1
1,1,2-Trichloroethane	ND		ug/kg	0.56	0.15	1
Tetrachloroethene	ND		ug/kg	0.28	0.11	1
Chlorobenzene	ND		ug/kg	0.28	0.07	1
Trichlorofluoromethane	ND		ug/kg	2.2	0.39	1
1,2-Dichloroethane	ND		ug/kg	0.56	0.14	1
1,1,1-Trichloroethane	ND		ug/kg	0.28	0.09	1
Bromodichloromethane	ND		ug/kg	0.28	0.06	1
trans-1,3-Dichloropropene	ND		ug/kg	0.56	0.15	1
cis-1,3-Dichloropropene	ND		ug/kg	0.28	0.09	1
1,3-Dichloropropene, Total	ND		ug/kg	0.28	0.09	1
1,1-Dichloropropene	ND		ug/kg	0.28	0.09	1
Bromoform	ND		ug/kg	2.2	0.14	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.28	0.09	1
Benzene	ND		ug/kg	0.28	0.09	1
Toluene	ND		ug/kg	0.56	0.30	1
Ethylbenzene	ND		ug/kg	0.56	0.08	1
Chloromethane	ND		ug/kg	2.2	0.52	1
Bromomethane	ND		ug/kg	1.1	0.32	1
Vinyl chloride	ND		ug/kg	0.56	0.19	1
Chloroethane	ND		ug/kg	1.1	0.25	1
1,1-Dichloroethene	ND		ug/kg	0.56	0.13	1
trans-1,2-Dichloroethene	ND		ug/kg	0.84	0.08	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-11 Date Collected: 10/06/25 12:20

Client ID: GZ-15 (3-5') Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.28	0.08	1
1,2-Dichlorobenzene	ND		ug/kg	1.1	0.08	1
1,3-Dichlorobenzene	ND		ug/kg	1.1	0.08	1
1,4-Dichlorobenzene	ND		ug/kg	1.1	0.10	1
Methyl tert butyl ether	ND		ug/kg	1.1	0.11	1
p/m-Xylene	ND		ug/kg	1.1	0.31	1
o-Xylene	ND		ug/kg	0.56	0.16	1
Xylenes, Total	ND		ug/kg	0.56	0.16	1
cis-1,2-Dichloroethene	ND		ug/kg	0.56	0.10	1
1,2-Dichloroethene, Total	ND		ug/kg	0.56	0.08	1
Dibromomethane	ND		ug/kg	1.1	0.13	1
Styrene	ND		ug/kg	0.56	0.11	1
Dichlorodifluoromethane	ND		ug/kg	5.6	0.51	1
Acetone	ND		ug/kg	5.6	2.7	1
Carbon disulfide	ND		ug/kg	5.6	2.5	1
2-Butanone	ND		ug/kg	5.6	1.2	1
Vinyl acetate	ND		ug/kg	5.6	1.2	1
4-Methyl-2-pentanone	ND		ug/kg	5.6	0.72	1
1,2,3-Trichloropropane	ND		ug/kg	1.1	0.07	1
2-Hexanone	ND		ug/kg	5.6	0.66	1
Bromochloromethane	ND		ug/kg	1.1	0.11	1
2,2-Dichloropropane	ND		ug/kg	1.1	0.11	1
1,2-Dibromoethane	ND		ug/kg	0.56	0.16	1
1,3-Dichloropropane	ND		ug/kg	1.1	0.09	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.28	0.07	1
Bromobenzene	ND		ug/kg	1.1	0.08	1
n-Butylbenzene	ND		ug/kg	0.56	0.09	1
sec-Butylbenzene	ND		ug/kg	0.56	0.08	1
tert-Butylbenzene	ND		ug/kg	1.1	0.07	1
o-Chlorotoluene	ND		ug/kg	1.1	0.11	1
p-Chlorotoluene	ND		ug/kg	1.1	0.06	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	1.7	0.56	1
Hexachlorobutadiene	ND		ug/kg	2.2	0.09	1
Isopropylbenzene	ND		ug/kg	0.56	0.06	1
p-Isopropyltoluene	ND		ug/kg	0.56	0.06	1
Naphthalene	ND		ug/kg	2.2	0.36	1
Acrylonitrile	ND		ug/kg	2.2	0.64	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-11 Date Collected: 10/06/25 12:20

Client ID: GZ-15 (3-5') Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.56	0.10	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.1	0.18	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.1	0.15	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.1	0.11	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.1	0.19	1
1,4-Dioxane	ND		ug/kg	45	20.	1
p-Diethylbenzene	ND		ug/kg	1.1	0.10	1
p-Ethyltoluene	ND		ug/kg	1.1	0.21	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.1	0.11	1
Ethyl ether	ND		ug/kg	1.1	0.19	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	2.8	0.79	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	106		70-130

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-12 Date Collected: 10/06/25 00:00

Client ID: DUPLICATE-10-06-2025 Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 10/17/25 18:09

Analyst: JIC

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.9	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.98	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	0.98	0.23	1
1,2-Dichloropropane	ND		ug/kg	0.98	0.12	1
Dibromochloromethane	ND		ug/kg	0.98	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.98	0.26	1
Tetrachloroethene	ND		ug/kg	0.49	0.19	1
Chlorobenzene	ND		ug/kg	0.49	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.9	0.68	1
1,2-Dichloroethane	ND		ug/kg	0.98	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.49	0.16	1
Bromodichloromethane	ND		ug/kg	0.49	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	0.98	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.49	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.49	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.49	0.16	1
Bromoform	ND		ug/kg	3.9	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.49	0.16	1
Benzene	ND		ug/kg	0.49	0.16	1
Toluene	ND		ug/kg	0.98	0.54	1
Ethylbenzene	ND		ug/kg	0.98	0.14	1
Chloromethane	ND		ug/kg	3.9	0.92	1
Bromomethane	ND		ug/kg	2.0	0.57	1
Vinyl chloride	ND		ug/kg	0.98	0.33	1
Chloroethane	ND		ug/kg	2.0	0.44	1
1,1-Dichloroethene	ND		ug/kg	0.98	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-12 Date Collected: 10/06/25 00:00

Client ID: DUPLICATE-10-06-2025 Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.49	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.55	1
o-Xylene	ND		ug/kg	0.98	0.29	1
Xylenes, Total	ND		ug/kg	0.98	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	0.98	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.98	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.23	1
Styrene	ND		ug/kg	0.98	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.8	0.90	1
Acetone	ND		ug/kg	9.8	4.7	1
Carbon disulfide	ND		ug/kg	9.8	4.5	1
2-Butanone	ND		ug/kg	9.8	2.2	1
Vinyl acetate	ND		ug/kg	9.8	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.8	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.12	1
2-Hexanone	ND		ug/kg	9.8	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.98	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.49	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	ND		ug/kg	0.98	0.16	1
sec-Butylbenzene	ND		ug/kg	0.98	0.14	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	0.98	1
Hexachlorobutadiene	ND		ug/kg	3.9	0.17	1
Isopropylbenzene	ND		ug/kg	0.98	0.11	1
p-Isopropyltoluene	ND		ug/kg	0.98	0.11	1
Naphthalene	ND		ug/kg	3.9	0.64	1
Acrylonitrile	ND		ug/kg	3.9	1.1	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-12 Date Collected: 10/06/25 00:00

Client ID: DUPLICATE-10-06-2025 Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.98	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33	1
1,4-Dioxane	ND		ug/kg	79	35.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.17	1
p-Ethyltoluene	ND		ug/kg	2.0	0.38	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.9	1.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	108		70-130

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-14 Date Collected: 10/03/25 00:00

Client ID: TRIP BLANK-2025-10-06 Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 10/17/25 13:25

Analyst: JIC

Percent Solids: Results Reported on an "AS RECEIVED" basis

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

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-14 Date Collected: 10/03/25 00:00

Client ID: TRIP BLANK-2025-10-06 Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

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

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-14 Date Collected: 10/03/25 00:00

Client ID: TRIP BLANK-2025-10-06 Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	107		70-130

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-14 Date Collected: 10/03/25 00:00

Client ID: TRIP BLANK-2025-10-06 Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 10/17/25 13:51

Analyst: JIC

Percent Solids: Results Reported on an "AS RECEIVED" basis

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	250	110	1
1,1-Dichloroethane	ND		ug/kg	50	7.2	1
Chloroform	7.4	J	ug/kg	75	7.0	1
Carbon tetrachloride	ND		ug/kg	50	12.	1
1,2-Dichloropropane	ND		ug/kg	50	6.2	1
Dibromochloromethane	ND		ug/kg	50	7.0	1
1,1,2-Trichloroethane	ND		ug/kg	50	13.	1
Tetrachloroethene	ND		ug/kg	25	9.8	1
Chlorobenzene	ND		ug/kg	25	6.4	1
Trichlorofluoromethane	ND		ug/kg	200	35.	1
1,2-Dichloroethane	ND		ug/kg	50	13.	1
1,1,1-Trichloroethane	ND		ug/kg	25	8.4	1
Bromodichloromethane	ND		ug/kg	25	5.4	1
trans-1,3-Dichloropropene	ND		ug/kg	50	14.	1
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9	1
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9	1
1,1-Dichloropropene	ND		ug/kg	25	8.0	1
Bromoform	ND		ug/kg	200	12.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3	1
Benzene	ND		ug/kg	25	8.3	1
Toluene	ND		ug/kg	50	27.	1
Ethylbenzene	ND		ug/kg	50	7.0	1
Chloromethane	ND		ug/kg	200	47.	1
Bromomethane	72	J	ug/kg	100	29.	1
Vinyl chloride	ND		ug/kg	50	17.	1
Chloroethane	ND		ug/kg	100	23.	1
1,1-Dichloroethene	ND		ug/kg	50	12.	1
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-14 Date Collected: 10/03/25 00:00

Client ID: TRIP BLANK-2025-10-06 Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	ND		ug/kg	25	6.8	1
1,2-Dichlorobenzene	ND		ug/kg	100	7.2	1
1,3-Dichlorobenzene	ND		ug/kg	100	7.4	1
1,4-Dichlorobenzene	ND		ug/kg	100	8.6	1
Methyl tert butyl ether	ND		ug/kg	100	10.	1
p/m-Xylene	ND		ug/kg	100	28.	1
o-Xylene	ND		ug/kg	50	14.	1
Xylenes, Total	ND		ug/kg	50	14.	1
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8	1
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8	1
Dibromomethane	ND		ug/kg	100	12.	1
Styrene	ND		ug/kg	50	9.8	1
Dichlorodifluoromethane	ND		ug/kg	500	46.	1
Acetone	ND		ug/kg	500	240	1
Carbon disulfide	ND		ug/kg	500	230	1
2-Butanone	ND		ug/kg	500	110	1
Vinyl acetate	ND		ug/kg	500	110	1
4-Methyl-2-pentanone	ND		ug/kg	500	64.	1
1,2,3-Trichloropropane	ND		ug/kg	100	6.4	1
2-Hexanone	ND		ug/kg	500	59.	1
Bromochloromethane	ND		ug/kg	100	10.	1
2,2-Dichloropropane	ND		ug/kg	100	10.	1
1,2-Dibromoethane	ND		ug/kg	50	14.	1
1,3-Dichloropropane	ND		ug/kg	100	8.4	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.6	1
Bromobenzene	ND		ug/kg	100	7.2	1
n-Butylbenzene	ND		ug/kg	50	8.4	1
sec-Butylbenzene	ND		ug/kg	50	7.3	1
tert-Butylbenzene	ND		ug/kg	100	5.9	1
o-Chlorotoluene	ND		ug/kg	100	9.6	1
p-Chlorotoluene	ND		ug/kg	100	5.4	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.	1
Hexachlorobutadiene	ND		ug/kg	200	8.4	1
Isopropylbenzene	ND		ug/kg	50	5.4	1
p-Isopropyltoluene	ND		ug/kg	50	5.4	1
Naphthalene	ND		ug/kg	200	32.	1
Acrylonitrile	ND		ug/kg	200	58.	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-14 Date Collected: 10/03/25 00:00

Client ID: TRIP BLANK-2025-10-06 Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
n-Propylbenzene	ND		ug/kg	50	8.6	1
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.	1
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.	1
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6	1
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.	1
1,4-Dioxane	ND		ug/kg	4000	1800	1
p-Diethylbenzene	ND		ug/kg	100	8.8	1
p-Ethyltoluene	ND		ug/kg	100	19.	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	100	9.6	1
Ethyl ether	ND		ug/kg	100	17.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	71.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	104		70-130

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-15 Date Collected: 10/06/25 13:15
Client ID: FIELD BLANK-2025-10-06 Date Received: 10/06/25
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 10/12/25 15:09
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	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: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-15 Date Collected: 10/06/25 13:15

Client ID: FIELD BLANK-2025-10-06 Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, 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: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-15 Date Collected: 10/06/25 13:15

Client ID: FIELD BLANK-2025-10-06 Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, 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	100		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	122		70-130

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/12/25 11:25
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 15 Batch: WG2127024-5					
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: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/12/25 11:25
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 15 Batch: WG2127024-5					
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: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/12/25 11:25
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 15 Batch: WG2127024-5					
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: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/12/25 11:25
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 15 Batch: WG2127024-5					
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	119		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	115		70-130

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/17/25 08:49
Analyst: MNF

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-05,07-08 Batch: WG2129545-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	0.22	J	ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/17/25 08:49
Analyst: MNF

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-05,07-08 Batch: WG2129545-5					
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/17/25 08:49
Analyst: MNF

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-05,07-08 Batch: WG2129545-5					
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/17/25 08:49
Analyst: MNF

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-05,07-08 Batch: WG2129545-5					
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	99		70-130

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/17/25 12:59
Analyst: JIC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 10-12,14 Batch: WG2129567-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	0.30	J	ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	2.0		ug/kg	2.0	0.58

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/17/25 12:59
Analyst: JIC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 10-12,14 Batch: WG2129567-5					
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/17/25 12:59
Analyst: JIC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 10-12,14 Batch: WG2129567-5					
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/17/25 12:59
Analyst: JIC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 10-12,14 Batch: WG2129567-5					
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	105		70-130

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/17/25 12:59
Analyst: JIC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 14 Batch: WG2129570-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	15	J	ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
1,1-Dichloropropene	ND		ug/kg	25	8.0
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	100		ug/kg	100	29.

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/17/25 12:59
Analyst: JIC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 14 Batch: WG2129570-5					
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Dibromomethane	ND		ug/kg	100	12.
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
Vinyl acetate	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
1,2,3-Trichloropropane	ND		ug/kg	100	6.4
2-Hexanone	ND		ug/kg	500	59.

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/17/25 12:59
Analyst: JIC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 14 Batch: WG2129570-5					
Bromochloromethane	ND		ug/kg	100	10.
2,2-Dichloropropane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,3-Dichloropropane	ND		ug/kg	100	8.4
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.6
Bromobenzene	ND		ug/kg	100	7.2
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
o-Chlorotoluene	ND		ug/kg	100	9.6
p-Chlorotoluene	ND		ug/kg	100	5.4
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Hexachlorobutadiene	ND		ug/kg	200	8.4
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
Acrylonitrile	ND		ug/kg	200	58.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
1,4-Dioxane	ND		ug/kg	4000	1800
p-Diethylbenzene	ND		ug/kg	100	8.8

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/17/25 12:59
Analyst: JIC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 14 Batch: WG2129570-5					
p-Ethyltoluene	ND		ug/kg	100	19.
1,2,4,5-Tetramethylbenzene	ND		ug/kg	100	9.6
Ethyl ether	ND		ug/kg	100	17.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	71.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	105		70-130

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/18/25 11:23
Analyst: MNF

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 09 Batch: WG2129767-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	1.2	J	ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/18/25 11:23
Analyst: MNF

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 09 Batch: WG2129767-5					
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/18/25 11:23
Analyst: MNF

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 09 Batch: WG2129767-5					
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	0.34	J	ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/18/25 11:23
Analyst: MNF

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 09 Batch: WG2129767-5					
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	84		70-130
Dibromofluoromethane	109		70-130

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

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Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/18/25 11:23
Analyst: MNF

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 07 Batch: WG2129769-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	62	J	ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
1,1-Dichloropropene	ND		ug/kg	25	8.0
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

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Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/18/25 11:23
Analyst: MNF

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 07 Batch: WG2129769-5					
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Dibromomethane	ND		ug/kg	100	12.
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
Vinyl acetate	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
1,2,3-Trichloropropane	ND		ug/kg	100	6.4
2-Hexanone	ND		ug/kg	500	59.

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

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Analytical Method: 1,8260D
Analytical Date: 10/18/25 11:23
Analyst: MNF

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 07 Batch: WG2129769-5					
Bromochloromethane	ND		ug/kg	100	10.
2,2-Dichloropropane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,3-Dichloropropane	ND		ug/kg	100	8.4
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.6
Bromobenzene	ND		ug/kg	100	7.2
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
o-Chlorotoluene	ND		ug/kg	100	9.6
p-Chlorotoluene	ND		ug/kg	100	5.4
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Hexachlorobutadiene	ND		ug/kg	200	8.4
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
Acrylonitrile	ND		ug/kg	200	58.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	17	J	ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
1,4-Dioxane	ND		ug/kg	4000	1800
p-Diethylbenzene	ND		ug/kg	100	8.8

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

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Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/18/25 11:23
Analyst: MNF

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 07 Batch: WG2129769-5					
p-Ethyltoluene	ND		ug/kg	100	19.
1,2,4,5-Tetramethylbenzene	ND		ug/kg	100	9.6
Ethyl ether	ND		ug/kg	100	17.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	71.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	84		70-130
Dibromofluoromethane	109		70-130

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/20/25 09:58
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 06,08 Batch: WG2130711-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	0.76	J	ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/20/25 09:58
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 06,08 Batch: WG2130711-5					
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

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Analytical Method: 1,8260D
Analytical Date: 10/20/25 09:58
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 06,08 Batch: WG2130711-5					
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/20/25 09:58
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 06,08 Batch: WG2130711-5					
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	91		70-130

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/20/25 09:58
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 06-07 Batch: WG2130723-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	38	J	ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
1,1-Dichloropropene	ND		ug/kg	25	8.0
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

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Analytical Method: 1,8260D
Analytical Date: 10/20/25 09:58
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 06-07 Batch: WG2130723-5					
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Dibromomethane	ND		ug/kg	100	12.
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
Vinyl acetate	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
1,2,3-Trichloropropane	ND		ug/kg	100	6.4
2-Hexanone	ND		ug/kg	500	59.

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

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Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/20/25 09:58
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 06-07 Batch: WG2130723-5					
Bromochloromethane	ND		ug/kg	100	10.
2,2-Dichloropropane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,3-Dichloropropane	ND		ug/kg	100	8.4
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.6
Bromobenzene	ND		ug/kg	100	7.2
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
o-Chlorotoluene	ND		ug/kg	100	9.6
p-Chlorotoluene	ND		ug/kg	100	5.4
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Hexachlorobutadiene	ND		ug/kg	200	8.4
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
Acrylonitrile	ND		ug/kg	200	58.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
1,4-Dioxane	ND		ug/kg	4000	1800
p-Diethylbenzene	ND		ug/kg	100	8.8

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/20/25 09:58
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 06-07 Batch: WG2130723-5					
p-Ethyltoluene	ND		ug/kg	100	19.
1,2,4,5-Tetramethylbenzene	ND		ug/kg	100	9.6
Ethyl ether	ND		ug/kg	100	17.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	71.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	91		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 15 Batch: WG2127024-3 WG2127024-4								
Methylene chloride	110		100		70-130	10		20
1,1-Dichloroethane	110		100		70-130	10		20
Chloroform	110		110		70-130	0		20
Carbon tetrachloride	100		99		63-132	1		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	100		110		63-130	10		20
1,1,2-Trichloroethane	110		110		70-130	0		20
Tetrachloroethene	96		95		70-130	1		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	96		88		62-150	9		20
1,2-Dichloroethane	110		110		70-130	0		20
1,1,1-Trichloroethane	100		100		67-130	0		20
Bromodichloromethane	100		110		67-130	10		20
trans-1,3-Dichloropropene	93		100		70-130	7		20
cis-1,3-Dichloropropene	91		97		70-130	6		20
1,1-Dichloropropene	81		89		70-130	9		20
Bromoform	98		100		54-136	2		20
1,1,2,2-Tetrachloroethane	100		110		67-130	10		20
Benzene	110		100		70-130	10		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 15 Batch: WG2127024-3 WG2127024-4								
Toluene	98		99		70-130	1		20
Ethylbenzene	95		94		70-130	1		20
Chloromethane	110		95		64-130	15		20
Bromomethane	110		100		39-139	10		20
Vinyl chloride	110		98		55-140	12		20
Chloroethane	120		110		55-138	9		20
1,1-Dichloroethene	94		93		61-145	1		20
trans-1,2-Dichloroethene	98		95		70-130	3		20
Trichloroethene	89		95		70-130	7		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	99		99		70-130	0		20
Methyl tert butyl ether	93		100		63-130	7		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	100		95		70-130	5		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Dibromomethane	110		110		70-130	0		20
1,2,3-Trichloropropane	100		110		64-130	10		20
Acrylonitrile	110		120		70-130	9		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 15 Batch: WG2127024-3 WG2127024-4								
Styrene	105		105		70-130	0		20
Dichlorodifluoromethane	94		84		36-147	11		20
Acetone	130		120		58-148	8		20
Carbon disulfide	110		100		51-130	10		20
2-Butanone	120		120		63-138	0		20
Vinyl acetate	99		110		70-130	11		20
4-Methyl-2-pentanone	85		93		59-130	9		20
2-Hexanone	90		100		57-130	11		20
Bromochloromethane	110		100		70-130	10		20
2,2-Dichloropropane	110		100		63-133	10		20
1,2-Dibromoethane	98		100		70-130	2		20
1,3-Dichloropropane	96		100		70-130	4		20
1,1,1,2-Tetrachloroethane	100		100		64-130	0		20
Bromobenzene	94		98		70-130	4		20
n-Butylbenzene	93		94		53-136	1		20
sec-Butylbenzene	89		92		70-130	3		20
tert-Butylbenzene	87		88		70-130	1		20
o-Chlorotoluene	99		100		70-130	1		20
p-Chlorotoluene	97		98		70-130	1		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 15 Batch: WG2127024-3 WG2127024-4								
1,2-Dibromo-3-chloropropane	100		100		41-144	0		20
Hexachlorobutadiene	87		90		63-130	3		20
Isopropylbenzene	86		88		70-130	2		20
p-Isopropyltoluene	87		89		70-130	2		20
Naphthalene	82		91		70-130	10		20
n-Propylbenzene	93		94		69-130	1		20
1,2,3-Trichlorobenzene	91		99		70-130	8		20
1,2,4-Trichlorobenzene	91		92		70-130	1		20
1,3,5-Trimethylbenzene	89		91		64-130	2		20
1,2,4-Trimethylbenzene	91		92		70-130	1		20
1,4-Dioxane	80		84		56-162	5		20
p-Diethylbenzene	83		85		70-130	2		20
p-Ethyltoluene	90		92		70-130	2		20
1,2,4,5-Tetramethylbenzene	74		78		70-130	5		20
Ethyl ether	98		110		59-134	12		20
trans-1,4-Dichloro-2-butene	96		99		70-130	3		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 15 Batch: WG2127024-3 WG2127024-4								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	117		115		70-130
Toluene-d8	102		100		70-130
4-Bromofluorobenzene	94		96		70-130
Dibromofluoromethane	115		110		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-05,07-08 Batch: WG2129545-3 WG2129545-4								
Methylene chloride	91		85		70-130	7		30
1,1-Dichloroethane	123		112		70-130	9		30
Chloroform	104		96		70-130	8		30
Carbon tetrachloride	109		99		70-130	10		30
1,2-Dichloropropane	122		117		70-130	4		30
Dibromochloromethane	99		93		70-130	6		30
1,1,2-Trichloroethane	96		90		70-130	6		30
Tetrachloroethene	115		104		70-130	10		30
Chlorobenzene	104		96		70-130	8		30
Trichlorofluoromethane	111		102		70-139	8		30
1,2-Dichloroethane	111		103		70-130	7		30
1,1,1-Trichloroethane	111		102		70-130	8		30
Bromodichloromethane	99		95		70-130	4		30
trans-1,3-Dichloropropene	96		90		70-130	6		30
cis-1,3-Dichloropropene	105		101		70-130	4		30
1,1-Dichloropropene	117		105		70-130	11		30
Bromoform	88		85		70-130	3		30
1,1,2,2-Tetrachloroethane	89		87		70-130	2		30
Benzene	111		103		70-130	7		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-05,07-08 Batch: WG2129545-3 WG2129545-4								
Toluene	104		94		70-130	10		30
Ethylbenzene	105		98		70-130	7		30
Chloromethane	**158**	Q	**139**	Q	52-130	13		30
Bromomethane	97		83		57-147	16		30
Vinyl chloride	111		98		67-130	12		30
Chloroethane	98		87		50-151	12		30
1,1-Dichloroethene	110		101		65-135	9		30
trans-1,2-Dichloroethene	107		101		70-130	6		30
Trichloroethene	109		103		70-130	6		30
1,2-Dichlorobenzene	100		96		70-130	4		30
1,3-Dichlorobenzene	104		101		70-130	3		30
1,4-Dichlorobenzene	102		95		70-130	7		30
Methyl tert butyl ether	100		95		66-130	5		30
p/m-Xylene	111		103		70-130	7		30
o-Xylene	106		99		70-130	7		30
cis-1,2-Dichloroethene	107		100		70-130	7		30
Dibromomethane	100		94		70-130	6		30
Styrene	108		100		70-130	8		30
Dichlorodifluoromethane	66		61		30-146	8		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-05,07-08 Batch: WG2129545-3 WG2129545-4								
Acetone	**159**	Q	132		54-140	19		30
Carbon disulfide	98		87		59-130	12		30
2-Butanone	**154**	Q	**142**	Q	70-130	8		30
Vinyl acetate	**174**	Q	**156**	Q	70-130	11		30
4-Methyl-2-pentanone	123		110		70-130	11		30
1,2,3-Trichloropropane	86		84		68-130	2		30
2-Hexanone	118		106		70-130	11		30
Bromochloromethane	106		99		70-130	7		30
2,2-Dichloropropane	107		97		70-130	10		30
1,2-Dibromoethane	102		98		70-130	4		30
1,3-Dichloropropane	98		91		69-130	7		30
1,1,1,2-Tetrachloroethane	100		95		70-130	5		30
Bromobenzene	96		94		70-130	2		30
n-Butylbenzene	109		100		70-130	9		30
sec-Butylbenzene	104		100		70-130	4		30
tert-Butylbenzene	104		98		70-130	6		30
o-Chlorotoluene	98		90		70-130	9		30
p-Chlorotoluene	98		94		70-130	4		30
1,2-Dibromo-3-chloropropane	86		85		68-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-05,07-08 Batch: WG2129545-3 WG2129545-4								
Hexachlorobutadiene	98		95		67-130	3		30
Isopropylbenzene	104		99		70-130	5		30
p-Isopropyltoluene	106		101		70-130	5		30
Naphthalene	83		81		70-130	2		30
Acrylonitrile	**146**	Q	**148**	Q	70-130	1		30
n-Propylbenzene	101		98		70-130	3		30
1,2,3-Trichlorobenzene	98		96		70-130	2		30
1,2,4-Trichlorobenzene	104		100		70-130	4		30
1,3,5-Trimethylbenzene	99		95		70-130	4		30
1,2,4-Trimethylbenzene	101		96		70-130	5		30
1,4-Dioxane	103		89		65-136	15		30
p-Diethylbenzene	108		102		70-130	6		30
p-Ethyltoluene	104		99		70-130	5		30
1,2,4,5-Tetramethylbenzene	100		94		70-130	6		30
Ethyl ether	105		97		67-130	8		30
trans-1,4-Dichloro-2-butene	101		107		70-130	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-05,07-08 Batch: WG2129545-3 WG2129545-4								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	99		100		70-130
Toluene-d8	97		95		70-130
4-Bromofluorobenzene	91		91		70-130
Dibromofluoromethane	99		100		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 10-12,14 Batch: WG2129567-3 WG2129567-4								
Methylene chloride	101		99		70-130	2		30
1,1-Dichloroethane	108		107		70-130	1		30
Chloroform	106		106		70-130	0		30
Carbon tetrachloride	114		112		70-130	2		30
1,2-Dichloropropane	104		107		70-130	3		30
Dibromochloromethane	101		101		70-130	0		30
1,1,2-Trichloroethane	100		99		70-130	1		30
Tetrachloroethene	108		108		70-130	0		30
Chlorobenzene	102		102		70-130	0		30
Trichlorofluoromethane	118		120		70-139	2		30
1,2-Dichloroethane	106		108		70-130	2		30
1,1,1-Trichloroethane	114		112		70-130	2		30
Bromodichloromethane	108		109		70-130	1		30
trans-1,3-Dichloropropene	101		102		70-130	1		30
cis-1,3-Dichloropropene	108		109		70-130	1		30
1,1-Dichloropropene	114		114		70-130	0		30
Bromoform	99		98		70-130	1		30
1,1,2,2-Tetrachloroethane	98		98		70-130	0		30
Benzene	110		110		70-130	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 10-12,14 Batch: WG2129567-3 WG2129567-4								
Toluene	101		101		70-130	0		30
Ethylbenzene	103		104		70-130	1		30
Chloromethane	109		106		52-130	3		30
Bromomethane	133		138		57-147	4		30
Vinyl chloride	117		114		67-130	3		30
Chloroethane	115		117		50-151	2		30
1,1-Dichloroethene	111		110		65-135	1		30
trans-1,2-Dichloroethene	108		108		70-130	0		30
Trichloroethene	109		110		70-130	1		30
1,2-Dichlorobenzene	102		100		70-130	2		30
1,3-Dichlorobenzene	104		102		70-130	2		30
1,4-Dichlorobenzene	103		100		70-130	3		30
Methyl tert butyl ether	110		108		66-130	2		30
p/m-Xylene	106		106		70-130	0		30
o-Xylene	102		104		70-130	2		30
cis-1,2-Dichloroethene	106		106		70-130	0		30
Dibromomethane	104		105		70-130	1		30
Styrene	106		106		70-130	0		30
Dichlorodifluoromethane	119		114		30-146	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 10-12,14 Batch: WG2129567-3 WG2129567-4								
Acetone	108		102		54-140	6		30
Carbon disulfide	115		112		59-130	3		30
2-Butanone	107		106		70-130	1		30
Vinyl acetate	115		113		70-130	2		30
4-Methyl-2-pentanone	103		102		70-130	1		30
1,2,3-Trichloropropane	99		97		68-130	2		30
2-Hexanone	102		100		70-130	2		30
Bromochloromethane	106		105		70-130	1		30
2,2-Dichloropropane	113		111		70-130	2		30
1,2-Dibromoethane	104		104		70-130	0		30
1,3-Dichloropropane	99		99		69-130	0		30
1,1,1,2-Tetrachloroethane	102		103		70-130	1		30
Bromobenzene	97		98		70-130	1		30
n-Butylbenzene	114		112		70-130	2		30
sec-Butylbenzene	111		110		70-130	1		30
tert-Butylbenzene	107		106		70-130	1		30
o-Chlorotoluene	101		102		70-130	1		30
p-Chlorotoluene	103		102		70-130	1		30
1,2-Dibromo-3-chloropropane	99		97		68-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 10-12,14 Batch: WG2129567-3 WG2129567-4								
Hexachlorobutadiene	106		105		67-130	1		30
Isopropylbenzene	106		105		70-130	1		30
p-Isopropyltoluene	110		108		70-130	2		30
Naphthalene	104		103		70-130	1		30
Acrylonitrile	114		114		70-130	0		30
n-Propylbenzene	105		106		70-130	1		30
1,2,3-Trichlorobenzene	102		102		70-130	0		30
1,2,4-Trichlorobenzene	103		102		70-130	1		30
1,3,5-Trimethylbenzene	105		104		70-130	1		30
1,2,4-Trimethylbenzene	105		104		70-130	1		30
1,4-Dioxane	113		113		65-136	0		30
p-Diethylbenzene	110		108		70-130	2		30
p-Ethyltoluene	106		104		70-130	2		30
1,2,4,5-Tetramethylbenzene	110		108		70-130	2		30
Ethyl ether	109		108		67-130	1		30
trans-1,4-Dichloro-2-butene	106		102		70-130	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 10-12,14 Batch: WG2129567-3 WG2129567-4

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	104		99		70-130
Toluene-d8	99		99		70-130
4-Bromofluorobenzene	95		98		70-130
Dibromofluoromethane	105		102		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 14 Batch: WG2129570-3 WG2129570-4								
Methylene chloride	101		99		70-130	2		30
1,1-Dichloroethane	108		107		70-130	1		30
Chloroform	106		106		70-130	0		30
Carbon tetrachloride	114		112		70-130	2		30
1,2-Dichloropropane	104		107		70-130	3		30
Dibromochloromethane	101		101		70-130	0		30
1,1,2-Trichloroethane	100		99		70-130	1		30
Tetrachloroethene	108		108		70-130	0		30
Chlorobenzene	102		102		70-130	0		30
Trichlorofluoromethane	118		120		70-139	2		30
1,2-Dichloroethane	106		108		70-130	2		30
1,1,1-Trichloroethane	114		112		70-130	2		30
Bromodichloromethane	108		109		70-130	1		30
trans-1,3-Dichloropropene	101		102		70-130	1		30
cis-1,3-Dichloropropene	108		109		70-130	1		30
1,1-Dichloropropene	114		114		70-130	0		30
Bromoform	99		98		70-130	1		30
1,1,2,2-Tetrachloroethane	98		98		70-130	0		30
Benzene	110		110		70-130	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 14 Batch: WG2129570-3 WG2129570-4								
Toluene	101		101		70-130	0		30
Ethylbenzene	103		104		70-130	1		30
Chloromethane	109		106		52-130	3		30
Bromomethane	133		138		57-147	4		30
Vinyl chloride	117		114		67-130	3		30
Chloroethane	115		117		50-151	2		30
1,1-Dichloroethene	111		110		65-135	1		30
trans-1,2-Dichloroethene	108		108		70-130	0		30
Trichloroethene	109		110		70-130	1		30
1,2-Dichlorobenzene	102		100		70-130	2		30
1,3-Dichlorobenzene	104		102		70-130	2		30
1,4-Dichlorobenzene	103		100		70-130	3		30
Methyl tert butyl ether	110		108		66-130	2		30
p/m-Xylene	106		106		70-130	0		30
o-Xylene	102		104		70-130	2		30
cis-1,2-Dichloroethene	106		106		70-130	0		30
Dibromomethane	104		105		70-130	1		30
Styrene	106		106		70-130	0		30
Dichlorodifluoromethane	119		114		30-146	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 14 Batch: WG2129570-3 WG2129570-4								
Acetone	108		102		54-140	6		30
Carbon disulfide	115		112		59-130	3		30
2-Butanone	107		106		70-130	1		30
Vinyl acetate	115		113		70-130	2		30
4-Methyl-2-pentanone	103		102		70-130	1		30
1,2,3-Trichloropropane	99		97		68-130	2		30
2-Hexanone	102		100		70-130	2		30
Bromochloromethane	106		105		70-130	1		30
2,2-Dichloropropane	113		111		70-130	2		30
1,2-Dibromoethane	104		104		70-130	0		30
1,3-Dichloropropane	99		99		69-130	0		30
1,1,1,2-Tetrachloroethane	102		103		70-130	1		30
Bromobenzene	97		98		70-130	1		30
n-Butylbenzene	114		112		70-130	2		30
sec-Butylbenzene	111		110		70-130	1		30
tert-Butylbenzene	107		106		70-130	1		30
o-Chlorotoluene	101		102		70-130	1		30
p-Chlorotoluene	103		102		70-130	1		30
1,2-Dibromo-3-chloropropane	99		97		68-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 14 Batch: WG2129570-3 WG2129570-4								
Hexachlorobutadiene	106		105		67-130	1		30
Isopropylbenzene	106		105		70-130	1		30
p-Isopropyltoluene	110		108		70-130	2		30
Naphthalene	104		103		70-130	1		30
Acrylonitrile	114		114		70-130	0		30
n-Propylbenzene	105		106		70-130	1		30
1,2,3-Trichlorobenzene	102		102		70-130	0		30
1,2,4-Trichlorobenzene	103		102		70-130	1		30
1,3,5-Trimethylbenzene	105		104		70-130	1		30
1,2,4-Trimethylbenzene	105		104		70-130	1		30
1,4-Dioxane	113		113		65-136	0		30
p-Diethylbenzene	110		108		70-130	2		30
p-Ethyltoluene	106		104		70-130	2		30
1,2,4,5-Tetramethylbenzene	110		108		70-130	2		30
Ethyl ether	109		108		67-130	1		30
trans-1,4-Dichloro-2-butene	106		102		70-130	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 14 Batch: WG2129570-3 WG2129570-4								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	104		99		70-130
Toluene-d8	99		99		70-130
4-Bromofluorobenzene	95		98		70-130
Dibromofluoromethane	105		102		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 09 Batch: WG2129767-3 WG2129767-4								
Methylene chloride	94		90		70-130	4		30
1,1-Dichloroethane	99		96		70-130	3		30
Chloroform	100		98		70-130	2		30
Carbon tetrachloride	112		113		70-130	1		30
1,2-Dichloropropane	93		96		70-130	3		30
Dibromochloromethane	100		101		70-130	1		30
1,1,2-Trichloroethane	93		94		70-130	1		30
Tetrachloroethene	119		119		70-130	0		30
Chlorobenzene	100		100		70-130	0		30
Trichlorofluoromethane	116		108		70-139	7		30
1,2-Dichloroethane	94		97		70-130	3		30
1,1,1-Trichloroethane	109		108		70-130	1		30
Bromodichloromethane	93		96		70-130	3		30
trans-1,3-Dichloropropene	99		99		70-130	0		30
cis-1,3-Dichloropropene	98		101		70-130	3		30
1,1-Dichloropropene	114		114		70-130	0		30
Bromoform	100		101		70-130	1		30
1,1,2,2-Tetrachloroethane	84		86		70-130	2		30
Benzene	100		101		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 09 Batch: WG2129767-3 WG2129767-4								
Toluene	92		92		70-130	0		30
Ethylbenzene	96		96		70-130	0		30
Chloromethane	84		76		52-130	10		30
Bromomethane	**156**	Q	138		57-147	12		30
Vinyl chloride	103		92		67-130	11		30
Chloroethane	143		136		50-151	5		30
1,1-Dichloroethene	113		104		65-135	8		30
trans-1,2-Dichloroethene	108		103		70-130	5		30
Trichloroethene	102		103		70-130	1		30
1,2-Dichlorobenzene	96		99		70-130	3		30
1,3-Dichlorobenzene	100		102		70-130	2		30
1,4-Dichlorobenzene	97		98		70-130	1		30
Methyl tert butyl ether	107		102		66-130	5		30
p/m-Xylene	97		99		70-130	2		30
o-Xylene	94		97		70-130	3		30
cis-1,2-Dichloroethene	101		102		70-130	1		30
Dibromomethane	97		101		70-130	4		30
Styrene	92		94		70-130	2		30
Dichlorodifluoromethane	72		65		30-146	10		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 09 Batch: WG2129767-3 WG2129767-4								
Acetone	108		103		54-140	5		30
Carbon disulfide	106		97		59-130	9		30
2-Butanone	93		101		70-130	8		30
Vinyl acetate	**140**	Q	**138**	Q	70-130	1		30
4-Methyl-2-pentanone	91		92		70-130	1		30
1,2,3-Trichloropropane	87		89		68-130	2		30
2-Hexanone	85		93		70-130	9		30
Bromochloromethane	107		107		70-130	0		30
2,2-Dichloropropane	106		101		70-130	5		30
1,2-Dibromoethane	99		101		70-130	2		30
1,3-Dichloropropane	95		98		69-130	3		30
1,1,1,2-Tetrachloroethane	100		101		70-130	1		30
Bromobenzene	99		100		70-130	1		30
n-Butylbenzene	98		100		70-130	2		30
sec-Butylbenzene	96		97		70-130	1		30
tert-Butylbenzene	96		97		70-130	1		30
o-Chlorotoluene	92		91		70-130	1		30
p-Chlorotoluene	90		90		70-130	0		30
1,2-Dibromo-3-chloropropane	91		96		68-130	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 09 Batch: WG2129767-3 WG2129767-4								
Hexachlorobutadiene	110		112		67-130	2		30
Isopropylbenzene	96		95		70-130	1		30
p-Isopropyltoluene	98		99		70-130	1		30
Naphthalene	99		103		70-130	4		30
Acrylonitrile	99		95		70-130	4		30
n-Propylbenzene	96		96		70-130	0		30
1,2,3-Trichlorobenzene	100		106		70-130	6		30
1,2,4-Trichlorobenzene	106		110		70-130	4		30
1,3,5-Trimethylbenzene	91		92		70-130	1		30
1,2,4-Trimethylbenzene	90		91		70-130	1		30
1,4-Dioxane	94		98		65-136	4		30
p-Diethylbenzene	97		99		70-130	2		30
p-Ethyltoluene	98		97		70-130	1		30
1,2,4,5-Tetramethylbenzene	100		103		70-130	3		30
Ethyl ether	106		98		67-130	8		30
trans-1,4-Dichloro-2-butene	85		88		70-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 09 Batch: WG2129767-3 WG2129767-4

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	95		94		70-130
Toluene-d8	99		96		70-130
4-Bromofluorobenzene	89		88		70-130
Dibromofluoromethane	105		105		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 07 Batch: WG2129769-3 WG2129769-4								
Methylene chloride	94		90		70-130	4		30
1,1-Dichloroethane	99		96		70-130	3		30
Chloroform	100		98		70-130	2		30
Carbon tetrachloride	112		113		70-130	1		30
1,2-Dichloropropane	93		96		70-130	3		30
Dibromochloromethane	100		101		70-130	1		30
1,1,2-Trichloroethane	93		94		70-130	1		30
Tetrachloroethene	119		119		70-130	0		30
Chlorobenzene	100		100		70-130	0		30
Trichlorofluoromethane	116		108		70-139	7		30
1,2-Dichloroethane	94		97		70-130	3		30
1,1,1-Trichloroethane	109		108		70-130	1		30
Bromodichloromethane	93		96		70-130	3		30
trans-1,3-Dichloropropene	99		99		70-130	0		30
cis-1,3-Dichloropropene	98		101		70-130	3		30
1,1-Dichloropropene	114		114		70-130	0		30
Bromoform	100		101		70-130	1		30
1,1,2,2-Tetrachloroethane	84		86		70-130	2		30
Benzene	100		101		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 07 Batch: WG2129769-3 WG2129769-4								
Toluene	92		92		70-130	0		30
Ethylbenzene	96		96		70-130	0		30
Chloromethane	84		76		52-130	10		30
Bromomethane	**156**	Q	138		57-147	12		30
Vinyl chloride	103		92		67-130	11		30
Chloroethane	143		136		50-151	5		30
1,1-Dichloroethene	113		104		65-135	8		30
trans-1,2-Dichloroethene	108		103		70-130	5		30
Trichloroethene	102		103		70-130	1		30
1,2-Dichlorobenzene	96		99		70-130	3		30
1,3-Dichlorobenzene	100		102		70-130	2		30
1,4-Dichlorobenzene	97		98		70-130	1		30
Methyl tert butyl ether	107		102		66-130	5		30
p/m-Xylene	97		99		70-130	2		30
o-Xylene	94		97		70-130	3		30
cis-1,2-Dichloroethene	101		102		70-130	1		30
Dibromomethane	97		101		70-130	4		30
Styrene	92		94		70-130	2		30
Dichlorodifluoromethane	72		65		30-146	10		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 07 Batch: WG2129769-3 WG2129769-4								
Acetone	108		103		54-140	5		30
Carbon disulfide	106		97		59-130	9		30
2-Butanone	93		101		70-130	8		30
Vinyl acetate	**140**	Q	**138**	Q	70-130	1		30
4-Methyl-2-pentanone	91		92		70-130	1		30
1,2,3-Trichloropropane	87		89		68-130	2		30
2-Hexanone	85		93		70-130	9		30
Bromochloromethane	107		107		70-130	0		30
2,2-Dichloropropane	106		101		70-130	5		30
1,2-Dibromoethane	99		101		70-130	2		30
1,3-Dichloropropane	95		98		69-130	3		30
1,1,1,2-Tetrachloroethane	100		101		70-130	1		30
Bromobenzene	99		100		70-130	1		30
n-Butylbenzene	98		100		70-130	2		30
sec-Butylbenzene	96		97		70-130	1		30
tert-Butylbenzene	96		97		70-130	1		30
o-Chlorotoluene	92		91		70-130	1		30
p-Chlorotoluene	90		90		70-130	0		30
1,2-Dibromo-3-chloropropane	91		96		68-130	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 07 Batch: WG2129769-3 WG2129769-4								
Hexachlorobutadiene	110		112		67-130	2		30
Isopropylbenzene	96		95		70-130	1		30
p-Isopropyltoluene	98		99		70-130	1		30
Naphthalene	99		103		70-130	4		30
Acrylonitrile	99		95		70-130	4		30
n-Propylbenzene	96		96		70-130	0		30
1,2,3-Trichlorobenzene	100		106		70-130	6		30
1,2,4-Trichlorobenzene	106		110		70-130	4		30
1,3,5-Trimethylbenzene	91		92		70-130	1		30
1,2,4-Trimethylbenzene	90		91		70-130	1		30
1,4-Dioxane	94		98		65-136	4		30
p-Diethylbenzene	97		99		70-130	2		30
p-Ethyltoluene	98		97		70-130	1		30
1,2,4,5-Tetramethylbenzene	100		103		70-130	3		30
Ethyl ether	106		98		67-130	8		30
trans-1,4-Dichloro-2-butene	85		88		70-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 07 Batch: WG2129769-3 WG2129769-4								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	95		94		70-130
Toluene-d8	99		96		70-130
4-Bromofluorobenzene	89		88		70-130
Dibromofluoromethane	105		105		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 06,08 Batch: WG2130711-3 WG2130711-4								
Methylene chloride	98		92		70-130	6		30
1,1-Dichloroethane	128		119		70-130	7		30
Chloroform	109		102		70-130	7		30
Carbon tetrachloride	111		102		70-130	8		30
1,2-Dichloropropane	127		122		70-130	4		30
Dibromochloromethane	97		95		70-130	2		30
1,1,2-Trichloroethane	96		95		70-130	1		30
Tetrachloroethene	117		110		70-130	6		30
Chlorobenzene	106		102		70-130	4		30
Trichlorofluoromethane	116		105		70-139	10		30
1,2-Dichloroethane	111		106		70-130	5		30
1,1,1-Trichloroethane	115		107		70-130	7		30
Bromodichloromethane	102		100		70-130	2		30
trans-1,3-Dichloropropene	96		93		70-130	3		30
cis-1,3-Dichloropropene	108		105		70-130	3		30
1,1-Dichloropropene	122		112		70-130	9		30
Bromoform	90		87		70-130	3		30
1,1,2,2-Tetrachloroethane	88		88		70-130	0		30
Benzene	118		110		70-130	7		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 06,08 Batch: WG2130711-3 WG2130711-4								
Toluene	106		99		70-130	7		30
Ethylbenzene	107		102		70-130	5		30
Chloromethane	**177**	Q	**161**	Q	52-130	9		30
Bromomethane	114		100		57-147	13		30
Vinyl chloride	129		117		67-130	10		30
Chloroethane	116		108		50-151	7		30
1,1-Dichloroethene	124		112		65-135	10		30
trans-1,2-Dichloroethene	120		111		70-130	8		30
Trichloroethene	115		109		70-130	5		30
1,2-Dichlorobenzene	101		97		70-130	4		30
1,3-Dichlorobenzene	108		104		70-130	4		30
1,4-Dichlorobenzene	104		99		70-130	5		30
Methyl tert butyl ether	106		99		66-130	7		30
p/m-Xylene	112		108		70-130	4		30
o-Xylene	108		104		70-130	4		30
cis-1,2-Dichloroethene	114		109		70-130	4		30
Dibromomethane	102		99		70-130	3		30
Styrene	107		102		70-130	5		30
Dichlorodifluoromethane	116		104		30-146	11		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 06,08 Batch: WG2130711-3 WG2130711-4								
Acetone	140		**142**	Q	54-140	1		30
Carbon disulfide	110		102		59-130	8		30
2-Butanone	**132**	Q	130		70-130	2		30
Vinyl acetate	**166**	Q	**155**	Q	70-130	7		30
4-Methyl-2-pentanone	116		114		70-130	2		30
1,2,3-Trichloropropane	86		85		68-130	1		30
2-Hexanone	108		104		70-130	4		30
Bromochloromethane	116		108		70-130	7		30
2,2-Dichloropropane	114		106		70-130	7		30
1,2-Dibromoethane	104		102		70-130	2		30
1,3-Dichloropropane	98		95		69-130	3		30
1,1,1,2-Tetrachloroethane	101		97		70-130	4		30
Bromobenzene	99		98		70-130	1		30
n-Butylbenzene	111		105		70-130	6		30
sec-Butylbenzene	109		103		70-130	6		30
tert-Butylbenzene	108		103		70-130	5		30
o-Chlorotoluene	101		98		70-130	3		30
p-Chlorotoluene	102		99		70-130	3		30
1,2-Dibromo-3-chloropropane	81		86		68-130	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 06,08 Batch: WG2130711-3 WG2130711-4								
Hexachlorobutadiene	100		97		67-130	3		30
Isopropylbenzene	110		103		70-130	7		30
p-Isopropyltoluene	111		105		70-130	6		30
Naphthalene	80		79		70-130	1		30
Acrylonitrile	**144**	Q	**138**	Q	70-130	4		30
n-Propylbenzene	106		102		70-130	4		30
1,2,3-Trichlorobenzene	93		92		70-130	1		30
1,2,4-Trichlorobenzene	103		100		70-130	3		30
1,3,5-Trimethylbenzene	104		100		70-130	4		30
1,2,4-Trimethylbenzene	104		101		70-130	3		30
1,4-Dioxane	102		100		65-136	2		30
p-Diethylbenzene	112		106		70-130	6		30
p-Ethyltoluene	108		104		70-130	4		30
1,2,4,5-Tetramethylbenzene	103		98		70-130	5		30
Ethyl ether	113		103		67-130	9		30
trans-1,4-Dichloro-2-butene	99		105		70-130	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 06,08 Batch: WG2130711-3 WG2130711-4								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	97		96		70-130
Toluene-d8	94		94		70-130
4-Bromofluorobenzene	93		96		70-130
Dibromofluoromethane	98		97		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 06-07 Batch: WG2130723-3 WG2130723-4								
Methylene chloride	98		92		70-130	6		30
1,1-Dichloroethane	128		119		70-130	7		30
Chloroform	109		102		70-130	7		30
Carbon tetrachloride	111		102		70-130	8		30
1,2-Dichloropropane	127		122		70-130	4		30
Dibromochloromethane	97		95		70-130	2		30
1,1,2-Trichloroethane	96		95		70-130	1		30
Tetrachloroethene	117		110		70-130	6		30
Chlorobenzene	106		102		70-130	4		30
Trichlorofluoromethane	116		105		70-139	10		30
1,2-Dichloroethane	111		106		70-130	5		30
1,1,1-Trichloroethane	115		107		70-130	7		30
Bromodichloromethane	102		100		70-130	2		30
trans-1,3-Dichloropropene	96		93		70-130	3		30
cis-1,3-Dichloropropene	108		105		70-130	3		30
1,1-Dichloropropene	122		112		70-130	9		30
Bromoform	90		87		70-130	3		30
1,1,2,2-Tetrachloroethane	88		88		70-130	0		30
Benzene	118		110		70-130	7		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 06-07 Batch: WG2130723-3 WG2130723-4								
Toluene	106		99		70-130	7		30
Ethylbenzene	107		102		70-130	5		30
Chloromethane	**177**	Q	**161**	Q	52-130	9		30
Bromomethane	114		100		57-147	13		30
Vinyl chloride	129		117		67-130	10		30
Chloroethane	116		108		50-151	7		30
1,1-Dichloroethene	124		112		65-135	10		30
trans-1,2-Dichloroethene	120		111		70-130	8		30
Trichloroethene	115		109		70-130	5		30
1,2-Dichlorobenzene	101		97		70-130	4		30
1,3-Dichlorobenzene	108		104		70-130	4		30
1,4-Dichlorobenzene	104		99		70-130	5		30
Methyl tert butyl ether	106		99		66-130	7		30
p/m-Xylene	112		108		70-130	4		30
o-Xylene	108		104		70-130	4		30
cis-1,2-Dichloroethene	114		109		70-130	4		30
Dibromomethane	102		99		70-130	3		30
Styrene	107		102		70-130	5		30
Dichlorodifluoromethane	116		104		30-146	11		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 06-07 Batch: WG2130723-3 WG2130723-4								
Acetone	140		**142**	Q	54-140	1		30
Carbon disulfide	110		102		59-130	8		30
2-Butanone	**132**	Q	130		70-130	2		30
Vinyl acetate	**166**	Q	**155**	Q	70-130	7		30
4-Methyl-2-pentanone	116		114		70-130	2		30
1,2,3-Trichloropropane	86		85		68-130	1		30
2-Hexanone	108		104		70-130	4		30
Bromochloromethane	116		108		70-130	7		30
2,2-Dichloropropane	114		106		70-130	7		30
1,2-Dibromoethane	104		102		70-130	2		30
1,3-Dichloropropane	98		95		69-130	3		30
1,1,1,2-Tetrachloroethane	101		97		70-130	4		30
Bromobenzene	99		98		70-130	1		30
n-Butylbenzene	111		105		70-130	6		30
sec-Butylbenzene	109		103		70-130	6		30
tert-Butylbenzene	108		103		70-130	5		30
o-Chlorotoluene	101		98		70-130	3		30
p-Chlorotoluene	102		99		70-130	3		30
1,2-Dibromo-3-chloropropane	81		86		68-130	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 06-07 Batch: WG2130723-3 WG2130723-4								
Hexachlorobutadiene	100		97		67-130	3		30
Isopropylbenzene	110		103		70-130	7		30
p-Isopropyltoluene	111		105		70-130	6		30
Naphthalene	80		79		70-130	1		30
Acrylonitrile	**144**	Q	**138**	Q	70-130	4		30
n-Propylbenzene	106		102		70-130	4		30
1,2,3-Trichlorobenzene	93		92		70-130	1		30
1,2,4-Trichlorobenzene	103		100		70-130	3		30
1,3,5-Trimethylbenzene	104		100		70-130	4		30
1,2,4-Trimethylbenzene	104		101		70-130	3		30
1,4-Dioxane	102		100		65-136	2		30
p-Diethylbenzene	112		106		70-130	6		30
p-Ethyltoluene	108		104		70-130	4		30
1,2,4,5-Tetramethylbenzene	103		98		70-130	5		30
Ethyl ether	113		103		67-130	9		30
trans-1,4-Dichloro-2-butene	99		105		70-130	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 06-07 Batch: WG2130723-3 WG2130723-4								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	97		96		70-130
Toluene-d8	94		94		70-130
4-Bromofluorobenzene	93		96		70-130
Dibromofluoromethane	98		97		70-130

Matrix Spike Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2562994
Report Date: 10/21/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 10-12,14 QC Batch ID: WG2129567-6 WG2129567-7 QC Sample: L2562994-10 Client ID: GZ-15 (0-2')												
Methylene chloride	ND	112	110	100		99	87		70-130	13		30
1,1-Dichloroethane	ND	112	130	113		120	102		70-130	8		30
Chloroform	ND	112	120	107		110	93		70-130	13		30
Carbon tetrachloride	ND	112	130	116		110	96		70-130	17		30
1,2-Dichloropropane	ND	112	120	106		110	92		70-130	13		30
Dibromochloromethane	ND	112	87	78		67	**58**	Q	70-130	27		30
1,1,2-Trichloroethane	ND	112	88	78		72	**63**	Q	70-130	20		30
Tetrachloroethene	0.75	112	94	82		62	**53**	Q	70-130	**41**	Q	30
Chlorobenzene	ND	112	85	75		51	**45**	Q	70-130	**50**	Q	30
Trichlorofluoromethane	ND	112	150	130		140	118		70-139	9		30
1,2-Dichloroethane	ND	112	120	104		96	84		70-130	20		30
1,1,1-Trichloroethane	ND	112	130	117		120	105		70-130	10		30
Bromodichloromethane	ND	112	120	104		96	84		70-130	19		30
trans-1,3-Dichloropropene	ND	112	84	75		52	**45**	Q	70-130	**48**	Q	30
cis-1,3-Dichloropropene	ND	112	120	102		80	70		70-130	**36**	Q	30
1,1-Dichloropropene	ND	112	130	117		100	88		70-130	27		30
Bromoform	ND	112	82	73		56	**49**	Q	70-130	**37**	Q	30
1,1,2,2-Tetrachloroethane	ND	112	80	71		59	**51**	Q	70-130	**31**	Q	30
Benzene	ND	112	130	114		110	94		70-130	17		30

Matrix Spike Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2562994
Report Date: 10/21/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 10-12,14 QC Batch ID: WG2129567-6 WG2129567-7 QC Sample: L2562994-10 Client ID: GZ-15 (0-2')												
Toluene	ND	112	90	80		69	**61**	Q	70-130	26		30
Ethylbenzene	ND	112	88	78		58	**50**	Q	70-130	**42**	Q	30
Chloromethane	ND	112	130	114		120	108		52-130	4		30
Bromomethane	ND	112	210	**185**	Q	190	**168**	Q	57-147	8		30
Vinyl chloride	ND	112	160	**138**	Q	150	127		67-130	7		30
Chloroethane	ND	112	160	143		150	133		50-151	6		30
1,1-Dichloroethene	ND	112	140	122		120	105		65-135	14		30
trans-1,2-Dichloroethene	ND	112	130	113		98	86		70-130	25		30
Trichloroethene	ND	112	120	109		91	80		70-130	30		30
1,2-Dichlorobenzene	ND	112	63	**56**	Q	25	**22**	Q	70-130	**86**	Q	30
1,3-Dichlorobenzene	ND	112	63	**56**	Q	25	**22**	Q	70-130	**85**	Q	30
1,4-Dichlorobenzene	ND	112	60	**53**	Q	23	**20**	Q	70-130	**88**	Q	30
Methyl tert butyl ether	ND	112	120	104		110	96		66-130	6		30
p/m-Xylene	ND	225	170	77		110	**48**	Q	70-130	**45**	Q	30
o-Xylene	ND	225	170	77		110	**48**	Q	70-130	**45**	Q	30
cis-1,2-Dichloroethene	ND	112	120	106		95	83		70-130	23		30
Dibromomethane	ND	112	110	100		84	73		70-130	30		30
Styrene	ND	225	170	76		87	**38**	Q	70-130	**65**	Q	30
Dichlorodifluoromethane	ND	112	140	124		140	121		30-146	1		30

Matrix Spike Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2562994
Report Date: 10/21/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 10-12,14 QC Batch ID: WG2129567-6 WG2129567-7 QC Sample: L2562994-10 Client ID: GZ-15 (0-2')												
Acetone	ND	112	110	101		110	93		54-140	7		30
Carbon disulfide	ND	112	140	123		100	89		59-130	**31**	Q	30
2-Butanone	ND	112	110	96		96	84		70-130	12		30
Vinyl acetate	ND	112	23	**21**	Q	22	**19**	Q	70-130	8		30
4-Methyl-2-pentanone	ND	112	90	80		78	**68**	Q	70-130	14		30
1,2,3-Trichloropropane	ND	112	77	68		61	**53**	Q	68-130	23		30
2-Hexanone	ND	112	85	76		68	**59**	Q	70-130	22		30
Bromochloromethane	ND	112	120	104		94	82		70-130	22		30
2,2-Dichloropropane	ND	112	130	112		120	102		70-130	7		30
1,2-Dibromoethane	ND	112	90	80		63	**55**	Q	70-130	**35**	Q	30
1,3-Dichloropropane	ND	112	86	77		68	**60**	Q	69-130	24		30
1,1,1,2-Tetrachloroethane	ND	112	91	81		69	**60**	Q	70-130	28		30
Bromobenzene	ND	112	73	**64**	Q	37	**32**	Q	70-130	**65**	Q	30
n-Butylbenzene	ND	112	58	**51**	Q	24	**21**	Q	70-130	**81**	Q	30
sec-Butylbenzene	ND	112	71	**63**	Q	34	**30**	Q	70-130	**69**	Q	30
tert-Butylbenzene	ND	112	75	**66**	Q	40	**35**	Q	70-130	**61**	Q	30
o-Chlorotoluene	ND	112	70	**62**	Q	38	**33**	Q	70-130	**59**	Q	30
p-Chlorotoluene	ND	112	65	**58**	Q	32	**28**	Q	70-130	**68**	Q	30
1,2-Dibromo-3-chloropropane	ND	112	75	**66**	Q	47	**41**	Q	68-130	**45**	Q	30

Matrix Spike Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2562994
Report Date: 10/21/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 10-12,14 QC Batch ID: WG2129567-6 WG2129567-7 QC Sample: L2562994-10 Client ID: GZ-15 (0-2')												
Hexachlorobutadiene	ND	112	37	**32**	Q	15	**13**	Q	67-130	**84**	Q	30
Isopropylbenzene	ND	112	80	71		49	**43**	Q	70-130	**48**	Q	30
p-Isopropyltoluene	ND	112	65	**58**	Q	31	**27**	Q	70-130	**72**	Q	30
Naphthalene	ND	112	57	**50**	Q	15	**13**	Q	70-130	**115**	Q	30
Acrylonitrile	ND	112	120	106		88	77		70-130	**31**	Q	30
n-Propylbenzene	ND	112	72	**64**	Q	39	**34**	Q	70-130	**59**	Q	30
1,2,3-Trichlorobenzene	ND	112	42	**37**	Q	11	**10**	Q	70-130	**117**	Q	30
1,2,4-Trichlorobenzene	ND	112	41	**37**	Q	12	**10**	Q	70-130	**113**	Q	30
1,3,5-Trimethylbenzene	ND	112	70	**62**	Q	38	**33**	Q	70-130	**59**	Q	30
1,2,4-Trimethylbenzene	0.57J	112	68	**60**	Q	35	**30**	Q	70-130	**64**	Q	30
1,4-Dioxane	ND	5630	6400	114		7100	124		65-136	10		30
p-Diethylbenzene	ND	112	59	**52**	Q	26	**22**	Q	70-130	**78**	Q	30
p-Ethyltoluene	ND	112	69	**61**	Q	38	**33**	Q	70-130	**59**	Q	30
1,2,4,5-Tetramethylbenzene	ND	112	55	**49**	Q	21	**19**	Q	70-130	**89**	Q	30
Ethyl ether	ND	112	120	105		110	98		67-130	5		30
trans-1,4-Dichloro-2-butene	ND	112	79	70		43	**37**	Q	70-130	**59**	Q	30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		104		70-130

Matrix Spike Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits

Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 10-12,14 QC Batch ID: WG2129567-6 WG2129567-7 QC Sample: L2562994-10 Client ID: GZ-15 (0-2')

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
4-Bromofluorobenzene	93		95		70-130
Dibromofluoromethane	105		103		70-130
Toluene-d8	88		90		70-130

SEMIVOLATILES

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2562994
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-01
Client ID: GZ-06 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Date Collected: 10/06/25 12:45
Date Received: 10/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 10/08/25 12:56
Analyst: IMK
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 10/07/25 23:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	19.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	30.	1
1,3-Dichlorobenzene	ND		ug/kg	170	29.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	45.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	29.	1
Fluoranthene	180		ug/kg	100	19.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	29.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	480	150	1
Hexachloroethane	ND		ug/kg	140	27.	1
Isophorone	ND		ug/kg	150	22.	1
Naphthalene	45	J	ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	150	25.	1
NDPA/DPA	ND		ug/kg	140	19.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	59.	1
Butyl benzyl phthalate	ND		ug/kg	170	43.	1
Di-n-butylphthalate	ND		ug/kg	170	32.	1
Di-n-octylphthalate	ND		ug/kg	170	58.	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-01 Date Collected: 10/06/25 12:45

Client ID: GZ-06 (0-2') Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	150		ug/kg	100	19.	1
Benzo(a)pyrene	130	J	ug/kg	140	41.	1
Benzo(b)fluoranthene	160		ug/kg	100	28.	1
Benzo(k)fluoranthene	39	J	ug/kg	100	27.	1
Chrysene	160		ug/kg	100	18.	1
Acenaphthylene	130	J	ug/kg	140	26.	1
Anthracene	53	J	ug/kg	100	33.	1
Benzo(ghi)perylene	110	J	ug/kg	140	20.	1
Fluorene	21	J	ug/kg	170	16.	1
Phenanthrene	100		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	91	J	ug/kg	140	24.	1
Pyrene	290		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	390	22.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	70.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	32	J	ug/kg	200	20.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
p-Chloro-m-cresol	ND		ug/kg	170	25.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	150	27.	1
2,4-Dimethylphenol	ND		ug/kg	170	56.	1
2-Nitrophenol	ND		ug/kg	360	64.	1
4-Nitrophenol	ND		ug/kg	240	69.	1
2,4-Dinitrophenol	ND		ug/kg	810	79.	1
4,6-Dinitro-o-cresol	ND		ug/kg	440	81.	1
Pentachlorophenol	ND		ug/kg	140	37.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	26.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-01 Date Collected: 10/06/25 12:45

Client ID: GZ-06 (0-2') Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	32.	1
Benzoic Acid	ND		ug/kg	550	170	1
Benzyl Alcohol	ND		ug/kg	170	52.	1
Carbazole	ND		ug/kg	170	16.	1
1,4-Dioxane	ND		ug/kg	25	7.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		25-120
Phenol-d6	60		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	71		10-136
4-Terphenyl-d14	62		18-120

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2562994
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-02
Client ID: GZ-06 (2.5-4.5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Date Collected: 10/06/25 12:50
Date Received: 10/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 10/08/25 13:22
Analyst: IMK
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 10/07/25 23:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	35.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	22.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-02 Date Collected: 10/06/25 12:50

Client ID: GZ-06 (2.5-4.5') Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	ND		ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	ND		ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	22.	1
4-Chloroaniline	ND		ug/kg	170	32.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	370	65.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	830	81.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	83.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-02 Date Collected: 10/06/25 12:50

Client ID: GZ-06 (2.5-4.5') Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	180	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	ND		ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	92		10-136
4-Terphenyl-d14	83		18-120

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-02
Client ID: GZ-06 (2.5-4.5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/06/25 12:50
Date Received: 10/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 168,1633A
Analytical Date: 10/13/25 11:21
Analyst: CAB
Percent Solids: 96%

Extraction Method: EPA 1633
Extraction Date: 10/09/25 17:54
Cleanup Method: EPA 1633
Cleanup Date: 10/09/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.809	0.105	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.405	0.041	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.202	0.036	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.809	0.156	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.202	0.034	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.202	0.028	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.202	0.073	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.202	0.034	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.202	0.045	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.809	0.115	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.202	0.034	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.202	0.024	1
Perfluorooctanesulfonic Acid (PFOS)	0.295		ng/g	0.202	0.047	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.202	0.032	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.809	0.239	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.202	0.095	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.202	0.097	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.202	0.057	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.202	0.057	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.202	0.038	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.202	0.079	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.202	0.036	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.202	0.032	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.202	0.043	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.809	0.162	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.809	0.287	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-02 Date Collected: 10/06/25 12:50

Client ID: GZ-06 (2.5-4.5') Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.202	0.059	1
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.809	0.154	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.809	0.245	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.202	0.061	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.202	0.067	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.02	0.253	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.02	0.245	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.405	0.036	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.405	0.053	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.405	0.049	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.405	0.121	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.01	0.350	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.06	0.939	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.06	1.66	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-02 Date Collected: 10/06/25 12:50

Client ID: GZ-06 (2.5-4.5') Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	81		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	71		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	61		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	67		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	66		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	67		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	61		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	93		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	70		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	69		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	64		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	76		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	69		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	54		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	71		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	61		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	56		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	62		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	46		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	73		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	53		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	46		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	64		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	66		15-130

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2562994
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-03
Client ID: GZ-07 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Date Collected: 10/06/25 11:30
Date Received: 10/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 10/08/25 13:47
Analyst: IMK
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 10/07/25 23:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	96	J	ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	35.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	800		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	22.	1
Naphthalene	55	J	ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-03 Date Collected: 10/06/25 11:30

Client ID: GZ-07 (0-2') Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	500		ug/kg	100	19.	1
Benzo(a)pyrene	440		ug/kg	140	42.	1
Benzo(b)fluoranthene	610		ug/kg	100	29.	1
Benzo(k)fluoranthene	200		ug/kg	100	28.	1
Chrysene	460		ug/kg	100	18.	1
Acenaphthylene	350		ug/kg	140	27.	1
Anthracene	180		ug/kg	100	34.	1
Benzo(ghi)perylene	360		ug/kg	140	20.	1
Fluorene	71	J	ug/kg	170	17.	1
Phenanthrene	520		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	69	J	ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	330		ug/kg	140	24.	1
Pyrene	750		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	390	22.	1
4-Chloroaniline	ND		ug/kg	170	32.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	31	J	ug/kg	170	16.	1
2-Methylnaphthalene	46	J	ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	370	65.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	830	81.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	83.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-03 Date Collected: 10/06/25 11:30

Client ID: GZ-07 (0-2') Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	180	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	62	J	ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	81		30-120
2,4,6-Tribromophenol	91		10-136
4-Terphenyl-d14	76		18-120

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2562994
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-04
Client ID: GZ-07 (3-5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Date Collected: 10/06/25 11:35
Date Received: 10/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 10/08/25 14:39
Analyst: IMK
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 10/07/25 23:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-04 Date Collected: 10/06/25 11:35

Client ID: GZ-07 (3-5') Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	25.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-04 Date Collected: 10/06/25 11:35

Client ID: GZ-07 (3-5') Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	81		10-136
4-Terphenyl-d14	70		18-120

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2562994
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-05
Client ID: GZ-10 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Date Collected: 10/06/25 10:00
Date Received: 10/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 10/08/25 15:04
Analyst: IMK
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 10/07/25 23:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	47	J	ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-05 Date Collected: 10/06/25 10:00

Client ID: GZ-10 (0-2') Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	26	J	ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	22	J	ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	44	J	ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	41	J	ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	900	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-05 Date Collected: 10/06/25 10:00

Client ID: GZ-10 (0-2') Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	57.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		25-120
Phenol-d6	63		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	45		10-136
4-Terphenyl-d14	70		18-120

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-06
Client ID: GZ-10 (2.5-4.5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/06/25 10:05
Date Received: 10/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 10/08/25 15:30
Analyst: IMK
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 10/07/25 23:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	18	J	ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	190		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-06 Date Collected: 10/06/25 10:05

Client ID: GZ-10 (2.5-4.5') Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	120		ug/kg	110	20.	1
Benzo(a)pyrene	94	J	ug/kg	140	44.	1
Benzo(b)fluoranthene	140		ug/kg	110	30.	1
Benzo(k)fluoranthene	42	J	ug/kg	110	29.	1
Chrysene	110		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	46	J	ug/kg	110	35.	1
Benzo(ghi)perylene	70	J	ug/kg	140	21.	1
Fluorene	22	J	ug/kg	180	17.	1
Phenanthrene	160		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	64	J	ug/kg	140	25.	1
Pyrene	180		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	390	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-06 Date Collected: 10/06/25 10:05

Client ID: GZ-10 (2.5-4.5') Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	18	J	ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	58		10-136
4-Terphenyl-d14	73		18-120

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2562994
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-07 D
Client ID: GZ-10 (6-8')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Date Collected: 10/06/25 10:10
Date Received: 10/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 10/11/25 15:21
Analyst: SMZ
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 10/07/25 23:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	3200	420	20
1,2,4-Trichlorobenzene	ND		ug/kg	4100	470	20
Hexachlorobenzene	ND		ug/kg	2400	460	20
Bis(2-chloroethyl)ether	ND		ug/kg	3700	550	20
2-Chloronaphthalene	ND		ug/kg	4100	400	20
1,2-Dichlorobenzene	ND		ug/kg	4100	730	20
1,3-Dichlorobenzene	ND		ug/kg	4100	700	20
1,4-Dichlorobenzene	ND		ug/kg	4100	710	20
3,3'-Dichlorobenzidine	ND		ug/kg	4100	1100	20
2,4-Dinitrotoluene	ND		ug/kg	4100	810	20
2,6-Dinitrotoluene	ND		ug/kg	4100	700	20
Fluoranthene	ND		ug/kg	2400	470	20
4-Chlorophenyl phenyl ether	ND		ug/kg	4100	440	20
4-Bromophenyl phenyl ether	ND		ug/kg	4100	620	20
Bis(2-chloroisopropyl)ether	ND		ug/kg	4900	700	20
Bis(2-chloroethoxy)methane	ND		ug/kg	4400	410	20
Hexachlorobutadiene	ND		ug/kg	4100	600	20
Hexachlorocyclopentadiene	ND		ug/kg	12000	3700	20
Hexachloroethane	ND		ug/kg	3200	660	20
Isophorone	ND		ug/kg	3700	530	20
Naphthalene	910	J	ug/kg	4100	500	20
Nitrobenzene	ND		ug/kg	3700	600	20
NDPA/DPA	ND		ug/kg	3200	460	20
n-Nitrosodi-n-propylamine	ND		ug/kg	4100	630	20
Bis(2-ethylhexyl)phthalate	ND		ug/kg	4100	1400	20
Butyl benzyl phthalate	ND		ug/kg	4100	1000	20
Di-n-butylphthalate	ND		ug/kg	4100	770	20
Di-n-octylphthalate	ND		ug/kg	4100	1400	20

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-07 D Date Collected: 10/06/25 10:10

Client ID: GZ-10 (6-8') Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	4100	380	20
Dimethyl phthalate	ND		ug/kg	4100	860	20
Benzo(a)anthracene	ND		ug/kg	2400	460	20
Benzo(a)pyrene	ND		ug/kg	3200	990	20
Benzo(b)fluoranthene	ND		ug/kg	2400	690	20
Benzo(k)fluoranthene	ND		ug/kg	2400	650	20
Chrysene	ND		ug/kg	2400	420	20
Acenaphthylene	ND		ug/kg	3200	630	20
Anthracene	ND		ug/kg	2400	790	20
Benzo(ghi)perylene	ND		ug/kg	3200	480	20
Fluorene	450	J	ug/kg	4100	400	20
Phenanthrene	620	J	ug/kg	2400	500	20
Dibenzo(a,h)anthracene	ND		ug/kg	2400	470	20
Indeno(1,2,3-cd)pyrene	ND		ug/kg	3200	570	20
Pyrene	ND		ug/kg	2400	400	20
Biphenyl	630	J	ug/kg	9300	530	20
4-Chloroaniline	ND		ug/kg	4100	740	20
2-Nitroaniline	ND		ug/kg	4100	780	20
3-Nitroaniline	ND		ug/kg	4100	770	20
4-Nitroaniline	ND		ug/kg	4100	1700	20
Dibenzofuran	ND		ug/kg	4100	380	20
2-Methylnaphthalene	ND		ug/kg	4900	490	20
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	4100	420	20
Acetophenone	ND		ug/kg	4100	500	20
2,4,6-Trichlorophenol	ND		ug/kg	2400	770	20
p-Chloro-m-cresol	ND		ug/kg	4100	610	20
2-Chlorophenol	ND		ug/kg	4100	480	20
2,4-Dichlorophenol	ND		ug/kg	3700	660	20
2,4-Dimethylphenol	ND		ug/kg	4100	1300	20
2-Nitrophenol	ND		ug/kg	8800	1500	20
4-Nitrophenol	ND		ug/kg	5700	1700	20
2,4-Dinitrophenol	ND		ug/kg	20000	1900	20
4,6-Dinitro-o-cresol	ND		ug/kg	10000	2000	20
Pentachlorophenol	ND		ug/kg	3200	900	20
Phenol	ND		ug/kg	4100	620	20
2-Methylphenol	ND		ug/kg	4100	630	20
3-Methylphenol/4-Methylphenol	ND		ug/kg	5900	640	20

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-07 D Date Collected: 10/06/25 10:10

Client ID: GZ-10 (6-8') Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	4100	780	20
Benzoic Acid	ND		ug/kg	13000	4100	20
Benzyl Alcohol	ND		ug/kg	4100	1200	20
Carbazole	ND		ug/kg	4100	400	20
1,4-Dioxane	ND		ug/kg	610	190	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**0**	Q	25-120
Phenol-d6	**0**	Q	10-120
Nitrobenzene-d5	**0**	Q	23-120
2-Fluorobiphenyl	**0**	Q	30-120
2,4,6-Tribromophenol	**0**	Q	10-136
4-Terphenyl-d14	**0**	Q	18-120

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-08
Client ID: GZ-11 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/06/25 10:15
Date Received: 10/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 168,1633A
Analytical Date: 10/13/25 11:30
Analyst: CAB
Percent Solids: 89%

Extraction Method: EPA 1633
Extraction Date: 10/09/25 17:54
Cleanup Method: EPA 1633
Cleanup Date: 10/09/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.806	0.105	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.403	0.040	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.202	0.036	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.806	0.155	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.202	0.034	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.202	0.028	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.202	0.073	1
Perfluorohexanesulfonic Acid (PFHxS)	0.067	J	ng/g	0.202	0.034	1
Perfluorooctanoic Acid (PFOA)	0.109	J	ng/g	0.202	0.044	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.806	0.115	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.202	0.034	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.202	0.024	1
Perfluorooctanesulfonic Acid (PFOS)	0.095	J	ng/g	0.202	0.046	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.202	0.032	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.806	0.238	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.202	0.095	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.202	0.097	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.202	0.056	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.202	0.056	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.202	0.038	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.202	0.079	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.202	0.036	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.202	0.032	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.202	0.042	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.806	0.161	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.806	0.286	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-08 Date Collected: 10/06/25 10:15

Client ID: GZ-11 (0-2') Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.202	0.058	1
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.806	0.153	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.806	0.244	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.202	0.061	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.202	0.067	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.02	0.252	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.02	0.244	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.403	0.036	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.403	0.052	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.403	0.048	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.403	0.121	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.01	0.349	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.04	0.935	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.04	1.65	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-08 Date Collected: 10/06/25 10:15

Client ID: GZ-11 (0-2') Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	75		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	82		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	66		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	77		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	66		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	77		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	68		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	76		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	77		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	73		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	65		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	76		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	72		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	60		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	74		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	58		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	63		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	64		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	56		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	85		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	54		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	50		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	66		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	65		15-130

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2562994
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-08 D
Client ID: GZ-11 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/06/25 10:15
Date Received: 10/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 10/08/25 16:21
Analyst: IMK
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 10/07/25 23:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	720	94.	5
1,2,4-Trichlorobenzene	ND		ug/kg	900	100	5
Hexachlorobenzene	ND		ug/kg	540	100	5
Bis(2-chloroethyl)ether	ND		ug/kg	810	120	5
2-Chloronaphthalene	ND		ug/kg	900	90.	5
1,2-Dichlorobenzene	ND		ug/kg	900	160	5
1,3-Dichlorobenzene	ND		ug/kg	900	160	5
1,4-Dichlorobenzene	ND		ug/kg	900	160	5
3,3'-Dichlorobenzidine	ND		ug/kg	900	240	5
2,4-Dinitrotoluene	ND		ug/kg	900	180	5
2,6-Dinitrotoluene	ND		ug/kg	900	160	5
Fluoranthene	ND		ug/kg	540	100	5
4-Chlorophenyl phenyl ether	ND		ug/kg	900	97.	5
4-Bromophenyl phenyl ether	ND		ug/kg	900	140	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1100	150	5
Bis(2-chloroethoxy)methane	ND		ug/kg	980	91.	5
Hexachlorobutadiene	ND		ug/kg	900	130	5
Hexachlorocyclopentadiene	ND		ug/kg	2600	820	5
Hexachloroethane	ND		ug/kg	720	150	5
Isophorone	ND		ug/kg	810	120	5
Naphthalene	ND		ug/kg	900	110	5
Nitrobenzene	ND		ug/kg	810	130	5
NDPA/DPA	ND		ug/kg	720	100	5
n-Nitrosodi-n-propylamine	ND		ug/kg	900	140	5
Bis(2-ethylhexyl)phthalate	ND		ug/kg	900	310	5
Butyl benzyl phthalate	ND		ug/kg	900	230	5
Di-n-butylphthalate	ND		ug/kg	900	170	5
Di-n-octylphthalate	ND		ug/kg	900	310	5

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-08 D Date Collected: 10/06/25 10:15

Client ID: GZ-11 (0-2') Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	900	84.	5
Dimethyl phthalate	ND		ug/kg	900	190	5
Benzo(a)anthracene	ND		ug/kg	540	100	5
Benzo(a)pyrene	ND		ug/kg	720	220	5
Benzo(b)fluoranthene	ND		ug/kg	540	150	5
Benzo(k)fluoranthene	ND		ug/kg	540	140	5
Chrysene	ND		ug/kg	540	94.	5
Acenaphthylene	ND		ug/kg	720	140	5
Anthracene	ND		ug/kg	540	180	5
Benzo(ghi)perylene	ND		ug/kg	720	110	5
Fluorene	ND		ug/kg	900	88.	5
Phenanthrene	ND		ug/kg	540	110	5
Dibenzo(a,h)anthracene	ND		ug/kg	540	100	5
Indeno(1,2,3-cd)pyrene	ND		ug/kg	720	130	5
Pyrene	ND		ug/kg	540	90.	5
Biphenyl	ND		ug/kg	2100	120	5
4-Chloroaniline	ND		ug/kg	900	160	5
2-Nitroaniline	ND		ug/kg	900	170	5
3-Nitroaniline	ND		ug/kg	900	170	5
4-Nitroaniline	ND		ug/kg	900	370	5
Dibenzofuran	ND		ug/kg	900	86.	5
2-Methylnaphthalene	ND		ug/kg	1100	110	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	900	94.	5
Acetophenone	ND		ug/kg	900	110	5
2,4,6-Trichlorophenol	ND		ug/kg	540	170	5
p-Chloro-m-cresol	ND		ug/kg	900	130	5
2-Chlorophenol	ND		ug/kg	900	110	5
2,4-Dichlorophenol	ND		ug/kg	810	140	5
2,4-Dimethylphenol	ND		ug/kg	900	300	5
2-Nitrophenol	ND		ug/kg	2000	340	5
4-Nitrophenol	ND		ug/kg	1300	370	5
2,4-Dinitrophenol	ND		ug/kg	4300	420	5
4,6-Dinitro-o-cresol	ND		ug/kg	2400	430	5
Pentachlorophenol	ND		ug/kg	720	200	5
Phenol	ND		ug/kg	900	140	5
2-Methylphenol	ND		ug/kg	900	140	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1300	140	5

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-08 D Date Collected: 10/06/25 10:15

Client ID: GZ-11 (0-2') Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	900	170	5
Benzoic Acid	ND		ug/kg	2900	920	5
Benzyl Alcohol	ND		ug/kg	900	280	5
Carbazole	ND		ug/kg	900	88.	5
1,4-Dioxane	ND		ug/kg	140	42.	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**15**	Q	25-120
Phenol-d6	36		10-120
Nitrobenzene-d5	54		23-120
2-Fluorobiphenyl	58		30-120
2,4,6-Tribromophenol	29		10-136
4-Terphenyl-d14	53		18-120

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-09
Client ID: GZ-11 (2.5-4.5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/06/25 10:20
Date Received: 10/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 10/08/25 16:46
Analyst: IMK
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 10/07/25 23:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	35.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	22.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-09 Date Collected: 10/06/25 10:20

Client ID: GZ-11 (2.5-4.5') Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	ND		ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	ND		ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	27	J	ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	22.	1
4-Chloroaniline	ND		ug/kg	170	32.	1
2-Nitroaniline	ND		ug/kg	170	34.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	380	65.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	830	81.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	83.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-09 Date Collected: 10/06/25 10:20

Client ID: GZ-11 (2.5-4.5') Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	180	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	ND		ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	59		25-120
Phenol-d6	63		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	61		10-136
4-Terphenyl-d14	64		18-120

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2562994
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-10
Client ID: GZ-15 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Date Collected: 10/06/25 12:05
Date Received: 10/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 10/08/25 17:12
Analyst: IMK
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 10/07/25 23:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	35.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	190		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	22.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-10 Date Collected: 10/06/25 12:05

Client ID: GZ-15 (0-2') Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	130		ug/kg	100	20.	1
Benzo(a)pyrene	120	J	ug/kg	140	42.	1
Benzo(b)fluoranthene	180		ug/kg	100	29.	1
Benzo(k)fluoranthene	47	J	ug/kg	100	28.	1
Chrysene	140		ug/kg	100	18.	1
Acenaphthylene	61	J	ug/kg	140	27.	1
Anthracene	34	J	ug/kg	100	34.	1
Benzo(ghi)perylene	95	J	ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	84	J	ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	85	J	ug/kg	140	24.	1
Pyrene	190		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	22.	1
4-Chloroaniline	ND		ug/kg	170	32.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	380	65.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	830	81.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	83.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-10 Date Collected: 10/06/25 12:05

Client ID: GZ-15 (0-2') Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	180	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	ND		ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		25-120
Phenol-d6	57		10-120
Nitrobenzene-d5	56		23-120
2-Fluorobiphenyl	63		30-120
2,4,6-Tribromophenol	71		10-136
4-Terphenyl-d14	64		18-120

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2562994
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-11
Client ID: GZ-15 (3-5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Date Collected: 10/06/25 12:20
Date Received: 10/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 10/08/25 18:29
Analyst: IMK
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 10/08/25 00:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	35.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	490	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	22.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-11 Date Collected: 10/06/25 12:20

Client ID: GZ-15 (3-5') Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	ND		ug/kg	100	19.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	ND		ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	390	22.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	370	65.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	830	81.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	83.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-11 Date Collected: 10/06/25 12:20

Client ID: GZ-15 (3-5') Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	180	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	ND		ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	67		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	71		10-136
4-Terphenyl-d14	64		18-120

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2562994
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-11
Client ID: GZ-15 (3-5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/06/25 12:20
Date Received: 10/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 168,1633A
Analytical Date: 10/13/25 11:39
Analyst: CAB
Percent Solids: 95%

Extraction Method: EPA 1633
Extraction Date: 10/09/25 17:54
Cleanup Method: EPA 1633
Cleanup Date: 10/09/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.812	0.106	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.406	0.041	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.203	0.037	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.812	0.156	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.203	0.035	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.203	0.028	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.203	0.073	1
Perfluorohexanesulfonic Acid (PFHxS)	0.051	J	ng/g	0.203	0.035	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.203	0.045	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.812	0.116	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.203	0.035	1
Perfluorononanoic Acid (PFNA)	0.051	J	ng/g	0.203	0.024	1
Perfluorooctanesulfonic Acid (PFOS)	0.288		ng/g	0.203	0.047	1
Perfluorodecanoic Acid (PFDA)	0.057	J	ng/g	0.203	0.033	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.812	0.240	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.203	0.095	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.203	0.098	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.203	0.057	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.203	0.057	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.203	0.039	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.203	0.079	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.203	0.037	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.203	0.033	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.203	0.043	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.812	0.162	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.812	0.288	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-11 Date Collected: 10/06/25 12:20

Client ID: GZ-15 (3-5') Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.203	0.059	1
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.812	0.154	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.812	0.246	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.203	0.061	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.203	0.067	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.03	0.254	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.03	0.246	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.406	0.037	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.406	0.053	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.406	0.049	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.406	0.122	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.02	0.351	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.08	0.942	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.08	1.66	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-11 Date Collected: 10/06/25 12:20

Client ID: GZ-15 (3-5') Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	81		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	72		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	58		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	74		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	82		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	82		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	68		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	80		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	92		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	79		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	66		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	78		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	71		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	59		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	71		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	57		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	60		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	64		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	48		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	75		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	49		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	42		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	65		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	65		15-130

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2562994
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-12
Client ID: DUPLICATE-10-06-2025
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Date Collected: 10/06/25 00:00
Date Received: 10/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 10/08/25 18:55
Analyst: IMK
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 10/08/25 00:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	65	J	ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	480		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	47.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-12 Date Collected: 10/06/25 00:00

Client ID: DUPLICATE-10-06-2025 Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	260		ug/kg	110	21.	1
Benzo(a)pyrene	230		ug/kg	150	45.	1
Benzo(b)fluoranthene	320		ug/kg	110	31.	1
Benzo(k)fluoranthene	78	J	ug/kg	110	30.	1
Chrysene	250		ug/kg	110	19.	1
Acenaphthylene	65	J	ug/kg	150	29.	1
Anthracene	91	J	ug/kg	110	36.	1
Benzo(ghi)perylene	140	J	ug/kg	150	22.	1
Fluorene	36	J	ug/kg	180	18.	1
Phenanthrene	340		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	30	J	ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	140	J	ug/kg	150	26.	1
Pyrene	410		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	77.	1
Dibenzofuran	ND		ug/kg	180	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-12 Date Collected: 10/06/25 00:00

Client ID: DUPLICATE-10-06-2025 Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	36.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	180	57.	1
Carbazole	42	J	ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	28	8.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	59		25-120
Phenol-d6	65		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	80		10-136
4-Terphenyl-d14	72		18-120

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2562994
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-13
Client ID: EB-PFAS-2025-10-06
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Date Collected: 10/06/25 13:00
Date Received: 10/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 168,1633A
Analytical Date: 10/10/25 12:36
Analyst: CAB
Extraction Method: EPA 1633
Extraction Date: 10/10/25 02:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	5.48	2.04	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	2.74	0.507	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.37	0.439	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	5.48	1.28	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.37	0.329	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.37	0.315	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.37	0.425	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.37	0.233	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.37	0.343	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	5.48	2.78	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.37	0.425	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.37	0.206	1
Perfluorooctanesulfonic Acid (PFOS)	0.370	JF	ng/l	1.37	0.233	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.37	0.356	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	5.48	2.62	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.37	0.206	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.37	0.987	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.37	0.329	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.37	0.233	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.37	0.274	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.37	0.631	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.37	0.384	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.37	0.233	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.37	0.164	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	5.48	0.809	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	5.48	1.07	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-13 Date Collected: 10/06/25 13:00

Client ID: EB-PFAS-2025-10-06 Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.37	0.288	1
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	5.48	0.603	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	5.48	0.411	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.37	0.535	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.37	0.398	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	13.7	1.45	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	13.7	1.21	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	2.74	0.123	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	2.74	0.713	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	2.74	0.343	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	2.74	0.809	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	6.86	1.77	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	34.3	9.85	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	34.3	10.4	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-13 Date Collected: 10/06/25 13:00

Client ID: EB-PFAS-2025-10-06 Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	97		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	84		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	79		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	85		40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	87		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	82		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	81		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	80		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	93		40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	78		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	64		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	72		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	72		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	48		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	61		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	48		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	45		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	41		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	35		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	79		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	49		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	50		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	48		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	49		10-130

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-15
Client ID: FIELD BLANK-2025-10-06
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/06/25 13:15
Date Received: 10/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 10/08/25 10:10
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 10/08/25 00:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/l	2.0	0.40	1
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Hexachlorobenzene	ND		ug/l	2.0	0.45	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
2-Chloronaphthalene	ND		ug/l	2.0	0.35	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
Fluoranthene	ND		ug/l	2.0	0.41	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
Hexachlorobutadiene	ND		ug/l	2.0	0.36	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Hexachloroethane	ND		ug/l	2.0	0.20	1
Isophorone	ND		ug/l	5.0	0.86	1
Naphthalene	ND		ug/l	2.0	0.54	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	1.5	J	ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-15 Date Collected: 10/06/25 13:15

Client ID: FIELD BLANK-2025-10-06 Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Benzo(a)anthracene	ND		ug/l	2.0	0.32	1
Benzo(a)pyrene	ND		ug/l	2.0	0.37	1
Benzo(b)fluoranthene	ND		ug/l	2.0	0.53	1
Benzo(k)fluoranthene	ND		ug/l	2.0	0.62	1
Chrysene	ND		ug/l	2.0	0.22	1
Acenaphthylene	ND		ug/l	2.0	0.32	1
Anthracene	ND		ug/l	2.0	0.47	1
Benzo(ghi)perylene	ND		ug/l	2.0	0.37	1
Fluorene	ND		ug/l	2.0	0.44	1
Phenanthrene	ND		ug/l	2.0	0.42	1
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.29	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.48	1
Pyrene	ND		ug/l	2.0	0.41	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
Dibenzofuran	ND		ug/l	2.0	0.40	1
2-Methylnaphthalene	ND		ug/l	2.0	0.37	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
Pentachlorophenol	ND		ug/l	10	2.5	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

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-15 Date Collected: 10/06/25 13:15

Client ID: FIELD BLANK-2025-10-06 Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/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	53		21-120
Phenol-d6	40		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	63		15-120
2,4,6-Tribromophenol	79		10-120
4-Terphenyl-d14	72		41-149

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/08/25 07:41
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 10/07/25 18:52

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 15 Batch: WG2124758-1					
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: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/08/25 07:41
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 10/07/25 18:52

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 15 Batch: WG2124758-1					
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: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2562994
Report Date: 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/08/25 07:41
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 10/07/25 18:52

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 15 Batch: WG2124758-1					
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: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2562994
Report Date: 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/08/25 07:41
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 10/07/25 18:52

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 15 Batch: WG2124758-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	47		21-120
Phenol-d6	39		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	61		15-120
2,4,6-Tribromophenol	72		10-120
4-Terphenyl-d14	63		41-149

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2562994
Report Date: 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/08/25 09:05
Analyst: IMK

Extraction Method: EPA 3546
Extraction Date: 10/07/25 23:28

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-12 Batch: WG2124876-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	26.

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/08/25 09:05
Analyst: IMK

Extraction Method: EPA 3546
Extraction Date: 10/07/25 23:28

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-12 Batch: WG2124876-1					
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/08/25 09:05
Analyst: IMK

Extraction Method: EPA 3546
Extraction Date: 10/07/25 23:28

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-12 Batch: WG2124876-1					
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	25.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	540	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2562994
Report Date: 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/08/25 09:05
Analyst: IMK

Extraction Method: EPA 3546
Extraction Date: 10/07/25 23:28

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-12 Batch: WG2124876-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	47		25-120
Phenol-d6	50		10-120
Nitrobenzene-d5	47		23-120
2-Fluorobiphenyl	53		30-120
2,4,6-Tribromophenol	78		10-136
4-Terphenyl-d14	72		18-120

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 168,1633A
Analytical Date: 10/13/25 10:27
Analyst: CAB

Extraction Method: EPA 1633
Extraction Date: 10/09/25 17:54
Cleanup Method: EPA 1633
Cleanup Date: 10/09/25

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 02,08,11 Batch: WG2125844-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.800	0.104
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.040
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.036
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.154
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.034
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.028
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.072
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.034
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.044
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.114
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.034
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.024
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.046
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.032
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.236
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.094
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.096
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.056
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.056
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.038
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.078
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.036
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.032

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 168,1633A
Analytical Date: 10/13/25 10:27
Analyst: CAB

Extraction Method: EPA 1633
Extraction Date: 10/09/25 17:54
Cleanup Method: EPA 1633
Cleanup Date: 10/09/25

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 02,08,11 Batch: WG2125844-1					
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.042
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.160
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.284
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.058
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.152
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.242
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.060
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.066
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.250
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.242
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.036
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.052
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.048
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.120
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.346
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	0.928
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	1.64

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 168,1633A
Analytical Date: 10/13/25 10:27
Analyst: CAB

Extraction Method: EPA 1633
Extraction Date: 10/09/25 17:54
Cleanup Method: EPA 1633
Cleanup Date: 10/09/25

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 02,08,11 Batch: WG2125844-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	93		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	81		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	81		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	91		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	83		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	81		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	80		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	87		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	88		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	78		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	74		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	84		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	83		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	61		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	80		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	69		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	63		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	69		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	52		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	83		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	57		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	49		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	70		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	71		15-130

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 168,1633A
Analytical Date: 10/10/25 09:50
Analyst: CAB

Extraction Method: EPA 1633
Extraction Date: 10/10/25 02:07

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 13 Batch: WG2125933-1 R					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	6.40	2.38
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	3.20	0.592
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.60	0.512
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.40	1.49
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.60	0.384
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.60	0.368
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.60	0.496
Perfluorohexanesulfonic Acid (PFHxS)	0.352	J	ng/l	1.60	0.272
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.60	0.400
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.40	3.25
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.60	0.496
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.60	0.240
Perfluorooctanesulfonic Acid (PFOS)	0.576	J	ng/l	1.60	0.272
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.60	0.416
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.40	3.06
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.60	0.240
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.60	1.15
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.60	0.384
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.60	0.272
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.60	0.320
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.60	0.736
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.60	0.448
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.60	0.272

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 168,1633A
Analytical Date: 10/10/25 09:50
Analyst: CAB

Extraction Method: EPA 1633
Extraction Date: 10/10/25 02:07

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 13 Batch: WG2125933-1 R					
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.60	0.192
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.40	0.944
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.40	1.25
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.60	0.336
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.40	0.704
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.40	0.480
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.60	0.624
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.60	0.464
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	16.0	1.70
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	16.0	1.41
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.20	0.144
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.20	0.832
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.20	0.400
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.20	0.944
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	8.00	2.06
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	40.0	11.5
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	40.0	12.1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 168,1633A
Analytical Date: 10/10/25 09:50
Analyst: CAB

Extraction Method: EPA 1633
Extraction Date: 10/10/25 02:07

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 13 Batch: WG2125933-1 R					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	78		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	88		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	74		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	78		40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	84		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	84		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	81		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	77		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	77		40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	76		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	67		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	78		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	79		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	65		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	77		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	55		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	62		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	62		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	63		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	82		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	47		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	54		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	60		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	61		10-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 15 Batch: WG2124758-2 WG2124758-3								
Acenaphthene	52		67		37-111	25		30
1,2,4-Trichlorobenzene	44		63		39-98	**36**	Q	30
Hexachlorobenzene	56		78		40-140	**33**	Q	30
Bis(2-chloroethyl)ether	54		73		40-140	30		30
2-Chloronaphthalene	48		67		40-140	**33**	Q	30
1,2-Dichlorobenzene	40		55		40-140	**32**	Q	30
1,3-Dichlorobenzene	40		54		40-140	30		30
1,4-Dichlorobenzene	41		54		36-97	27		30
3,3'-Dichlorobenzidine	53		68		40-140	25		30
2,4-Dinitrotoluene	59		81		48-143	**31**	Q	30
2,6-Dinitrotoluene	56		78		40-140	**33**	Q	30
Fluoranthene	51		72		40-140	**34**	Q	30
4-Chlorophenyl phenyl ether	56		74		40-140	28		30
4-Bromophenyl phenyl ether	58		78		40-140	29		30
Bis(2-chloroisopropyl)ether	49		65		40-140	28		30
Bis(2-chloroethoxy)methane	56		76		40-140	30		30
Hexachlorobutadiene	55		71		40-140	25		30
Hexachlorocyclopentadiene	52		67		40-140	25		30
Hexachloroethane	46		67		40-140	**37**	Q	30

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 15 Batch: WG2124758-2 WG2124758-3								
Isophorone	60		83		40-140	**32**	Q	30
Naphthalene	47		64		40-140	**31**	Q	30
Nitrobenzene	59		81		40-140	**31**	Q	30
NDPA/DPA	53		75		40-140	**34**	Q	30
n-Nitrosodi-n-propylamine	63		89		29-132	**34**	Q	30
Bis(2-ethylhexyl)phthalate	66		89		40-140	30		30
Butyl benzyl phthalate	63		84		40-140	29		30
Di-n-butylphthalate	61		80		40-140	27		30
Di-n-octylphthalate	66		88		40-140	29		30
Diethyl phthalate	60		82		40-140	**31**	Q	30
Dimethyl phthalate	55		78		40-140	**35**	Q	30
Benzo(a)anthracene	56		75		40-140	29		30
Benzo(a)pyrene	57		77		40-140	30		30
Benzo(b)fluoranthene	57		73		40-140	25		30
Benzo(k)fluoranthene	53		75		40-140	**34**	Q	30
Chrysene	53		71		40-140	29		30
Acenaphthylene	52		70		45-123	30		30
Anthracene	51		70		40-140	**31**	Q	30
Benzo(ghi)perylene	49		66		40-140	30		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 15 Batch: WG2124758-2 WG2124758-3								
Fluorene	52		73		40-140	**34**	Q	30
Phenanthrene	50		67		40-140	29		30
Dibenzo(a,h)anthracene	48		67		40-140	**33**	Q	30
Indeno(1,2,3-cd)pyrene	50		68		40-140	**31**	Q	30
Pyrene	51		69		26-127	30		30
Biphenyl	47		64		40-140	**31**	Q	30
4-Chloroaniline	65		73		40-140	12		30
2-Nitroaniline	60		82		52-143	**31**	Q	30
3-Nitroaniline	53		70		25-145	28		30
4-Nitroaniline	57		79		51-143	**32**	Q	30
Dibenzofuran	52		71		40-140	**31**	Q	30
2-Methylnaphthalene	48		67		40-140	**33**	Q	30
1,2,4,5-Tetrachlorobenzene	50		70		2-134	**33**	Q	30
Acetophenone	54		74		39-129	**31**	Q	30
2,4,6-Trichlorophenol	66		86		30-130	26		30
p-Chloro-m-cresol	64		88		23-97	**32**	Q	30
2-Chlorophenol	49		65		27-123	28		30
2,4-Dichlorophenol	53		70		30-130	28		30
2,4-Dimethylphenol	55		70		30-130	24		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 15 Batch: WG2124758-2 WG2124758-3								
2-Nitrophenol	54		75		30-130	**33**	Q	30
4-Nitrophenol	59		**83**	Q	10-80	**34**	Q	30
2,4-Dinitrophenol	46		54		20-130	16		30
4,6-Dinitro-o-cresol	58		76		20-164	27		30
Pentachlorophenol	52		66		9-103	24		30
Phenol	37		48		12-110	26		30
2-Methylphenol	56		73		30-130	26		30
3-Methylphenol/4-Methylphenol	54		73		30-130	30		30
2,4,5-Trichlorophenol	67		84		30-130	23		30
Benzoic Acid	72		86		10-164	18		30
Benzyl Alcohol	62		80		26-116	25		30
Carbazole	**52**	Q	70		55-144	30		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 15 Batch: WG2124758-2 WG2124758-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	41		56		21-120
Phenol-d6	33		47		10-120
Nitrobenzene-d5	57		88		23-120
2-Fluorobiphenyl	51		68		15-120
2,4,6-Tribromophenol	61		79		10-120
4-Terphenyl-d14	50		64		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-12 Batch: WG2124876-2 WG2124876-3								
Acenaphthene	79		79		31-137	0		50
1,2,4-Trichlorobenzene	68		67		38-107	1		50
Hexachlorobenzene	86		87		40-140	1		50
Bis(2-chloroethyl)ether	65		63		40-140	3		50
2-Chloronaphthalene	74		76		40-140	3		50
1,2-Dichlorobenzene	61		59		40-140	3		50
1,3-Dichlorobenzene	60		57		40-140	5		50
1,4-Dichlorobenzene	59		57		28-104	3		50
3,3'-Dichlorobenzidine	76		75		40-140	1		50
2,4-Dinitrotoluene	73		74		40-132	1		50
2,6-Dinitrotoluene	89		90		40-140	1		50
Fluoranthene	86		87		40-140	1		50
4-Chlorophenyl phenyl ether	80		81		40-140	1		50
4-Bromophenyl phenyl ether	85		88		40-140	3		50
Bis(2-chloroisopropyl)ether	86		86		40-140	0		50
Bis(2-chloroethoxy)methane	71		69		40-117	3		50
Hexachlorobutadiene	70		70		40-140	0		50
Hexachlorocyclopentadiene	44		41		40-140	7		50
Hexachloroethane	63		61		40-140	3		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-12 Batch: WG2124876-2 WG2124876-3								
Isophorone	74		72		40-140	3		50
Naphthalene	72		71		40-140	1		50
Nitrobenzene	71		72		40-140	1		50
NDPA/DPA	83		86		36-157	4		50
n-Nitrosodi-n-propylamine	74		72		32-121	3		50
Bis(2-ethylhexyl)phthalate	105		106		40-140	1		50
Butyl benzyl phthalate	90		91		40-140	1		50
Di-n-butylphthalate	96		97		40-140	1		50
Di-n-octylphthalate	112		113		40-140	1		50
Diethyl phthalate	89		90		40-140	1		50
Dimethyl phthalate	79		81		40-140	3		50
Benzo(a)anthracene	87		87		40-140	0		50
Benzo(a)pyrene	89		89		40-140	0		50
Benzo(b)fluoranthene	94		97		40-140	3		50
Benzo(k)fluoranthene	82		81		40-140	1		50
Chrysene	87		86		40-140	1		50
Acenaphthylene	78		78		40-140	0		50
Anthracene	84		85		40-140	1		50
Benzo(ghi)perylene	84		86		40-140	2		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-12 Batch: WG2124876-2 WG2124876-3								
Fluorene	80		82		40-140	2		50
Phenanthrene	82		83		40-140	1		50
Dibenzo(a,h)anthracene	83		84		40-140	1		50
Indeno(1,2,3-cd)pyrene	93		95		40-140	2		50
Pyrene	84		84		35-142	0		50
Biphenyl	81		83		37-127	2		50
4-Chloroaniline	66		68		40-140	3		50
2-Nitroaniline	92		94		47-134	2		50
3-Nitroaniline	76		77		26-129	1		50
4-Nitroaniline	84		85		41-125	1		50
Dibenzofuran	79		80		40-140	1		50
2-Methylnaphthalene	74		74		40-140	0		50
1,2,4,5-Tetrachlorobenzene	82		84		40-117	2		50
Acetophenone	80		77		14-144	4		50
2,4,6-Trichlorophenol	83		83		30-130	0		50
p-Chloro-m-cresol	86		87		26-103	1		50
2-Chlorophenol	75		73		25-102	3		50
2,4-Dichlorophenol	82		79		30-130	4		50
2,4-Dimethylphenol	80		78		30-130	3		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-12 Batch: WG2124876-2 WG2124876-3								
2-Nitrophenol	84		82		30-130	2		50
4-Nitrophenol	84		86		11-114	2		50
2,4-Dinitrophenol	80		81		4-130	1		50
4,6-Dinitro-o-cresol	88		91		10-130	3		50
Pentachlorophenol	61		62		17-109	2		50
Phenol	77		74		26-90	4		50
2-Methylphenol	76		74		30-130	3		50
3-Methylphenol/4-Methylphenol	82		74		30-130	10		50
2,4,5-Trichlorophenol	86		88		30-130	2		50
Benzoic Acid	86		89		10-110	3		50
Benzyl Alcohol	74		72		40-140	3		50
Carbazole	83		84		54-128	1		50
1,4-Dioxane	**38**	Q	**36**	Q	40-140	5		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-12 Batch: WG2124876-2 WG2124876-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	72		70		25-120
Phenol-d6	74		72		10-120
Nitrobenzene-d5	71		71		23-120
2-Fluorobiphenyl	71		70		30-120
2,4,6-Tribromophenol	85		86		10-136
4-Terphenyl-d14	78		81		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 02,08,11 Batch: WG2125844-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	91		-		70-140	-		
Perfluoropentanoic Acid (PFPeA)	86		-		60-150	-		
Perfluorobutanesulfonic Acid (PFBS)	103		-		65-145	-		
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	90		-		60-150	-		
Perfluorohexanoic Acid (PFHxA)	102		-		65-140	-		
Perfluoropentanesulfonic Acid (PFPeS)	85		-		55-160	-		
Perfluoroheptanoic Acid (PFHpA)	77		-		65-145	-		
Perfluorohexanesulfonic Acid (PFHxS)	96		-		60-150	-		
Perfluorooctanoic Acid (PFOA)	86		-		70-150	-		
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	90		-		55-200	-		
Perfluoroheptanesulfonic Acid (PFHpS)	80		-		65-155	-		
Perfluorononanoic Acid (PFNA)	106		-		70-155	-		
Perfluorooctanesulfonic Acid (PFOS)	87		-		65-160	-		
Perfluorodecanoic Acid (PFDA)	88		-		70-155	-		
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	98		-		70-150	-		
Perfluorononanesulfonic Acid (PFNS)	70		-		55-140	-		
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	108		-		65-155	-		
Perfluoroundecanoic Acid (PFUnA)	79		-		70-155	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 02,08,11 Batch: WG2125844-2 LOW LEVEL								
Perfluorodecanesulfonic Acid (PFDS)	68		-		40-155	-		
Perfluorooctanesulfonamide (PFOSA)	90		-		70-140	-		
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	78		-		65-165	-		
Perfluorododecanoic Acid (PFDoA)	88		-		70-150	-		
Perfluorotridecanoic Acid (PFTrDA)	80		-		65-150	-		
Perfluorotetradecanoic Acid (PFTeDA)	82		-		65-150	-		
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	89		-		70-145	-		
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	81		-		70-160	-		
Perfluorododecanesulfonic Acid (PFDoS)	50		-		25-160	-		
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	88		-		70-150	-		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	77		-		45-160	-		
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	83		-		70-155	-		
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	78		-		70-140	-		
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	102		-		70-140	-		
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	96		-		70-135	-		
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	86		-		30-140	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 02,08,11 Batch: WG2125844-2 LOW LEVEL								
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	90		-		60-150	-		
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	91		-		70-140	-		
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	92		-		60-155	-		
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	82		-		45-130	-		
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	99		-		60-130	-		
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	82		-		60-150	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 02,08,11 Batch: WG2125844-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	99				8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	91				35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	85				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	91				40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	81				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	112				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	84				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	96				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	91				40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	88				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	94				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	99				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	88				40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	69				40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	93				40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	73				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	75				40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	79				40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	62				20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	91				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	68				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	60				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	78				20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	81				15-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 02,08,11 Batch: WG2125844-3								
Perfluorobutanoic Acid (PFBA)	95		-		70-140	-		
Perfluoropentanoic Acid (PFPeA)	94		-		60-150	-		
Perfluorobutanesulfonic Acid (PFBS)	95		-		65-145	-		
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	87		-		60-150	-		
Perfluorohexanoic Acid (PFHxA)	121		-		65-140	-		
Perfluoropentanesulfonic Acid (PFPeS)	98		-		55-160	-		
Perfluoroheptanoic Acid (PFHpA)	99		-		65-145	-		
Perfluorohexanesulfonic Acid (PFHxS)	72		-		60-150	-		
Perfluorooctanoic Acid (PFOA)	75		-		70-150	-		
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	97		-		55-200	-		
Perfluoroheptanesulfonic Acid (PFHpS)	92		-		65-155	-		
Perfluorononanoic Acid (PFNA)	106		-		70-155	-		
Perfluorooctanesulfonic Acid (PFOS)	87		-		65-160	-		
Perfluorodecanoic Acid (PFDA)	91		-		70-155	-		
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	93		-		70-150	-		
Perfluorononanesulfonic Acid (PFNS)	81		-		55-140	-		
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	93		-		65-155	-		
Perfluoroundecanoic Acid (PFUnA)	89		-		70-155	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 02,08,11 Batch: WG2125844-3								
Perfluorodecanesulfonic Acid (PFDS)	80		-		40-155	-		
Perfluorooctanesulfonamide (PFOSA)	89		-		70-140	-		
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	97		-		65-165	-		
Perfluorododecanoic Acid (PFDoA)	95		-		70-150	-		
Perfluorotridecanoic Acid (PFTrDA)	84		-		65-150	-		
Perfluorotetradecanoic Acid (PFTeDA)	93		-		65-150	-		
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	94		-		70-145	-		
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	111		-		70-160	-		
Perfluorododecanesulfonic Acid (PFDoS)	70		-		25-160	-		
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	100		-		70-150	-		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	96		-		45-160	-		
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	96		-		70-155	-		
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	94		-		70-140	-		
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	105		-		70-140	-		
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	102		-		70-135	-		
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	92		-		30-140	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 02,08,11 Batch: WG2125844-3								
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	95		-		60-150	-		
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	102		-		70-140	-		
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	103		-		60-155	-		
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	102		-		45-130	-		
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	104		-		60-130	-		
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	86		-		60-150	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 02,08,11 Batch: WG2125844-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	99				8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	88				35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	81				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	90				40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	82				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	86				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	80				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	91				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	84				40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	87				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	80				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	96				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	82				40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	71				40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	89				40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	70				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	69				40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	76				40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	61				20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	95				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	60				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	54				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	77				20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	78				15-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 13 Batch: WG2125933-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	92		-		70-140	-		
Perfluoropentanoic Acid (PFPeA)	96		-		65-135	-		
Perfluorobutanesulfonic Acid (PFBS)	96		-		60-145	-		
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	84		-		70-145	-		
Perfluorohexanoic Acid (PFHxA)	92		-		70-145	-		
Perfluoropentanesulfonic Acid (PFPeS)	97		-		65-140	-		
Perfluoroheptanoic Acid (PFHpA)	102		-		70-150	-		
Perfluorohexanesulfonic Acid (PFHxS)	100		-		65-145	-		
Perfluorooctanoic Acid (PFOA)	102		-		70-150	-		
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	91		-		65-155	-		
Perfluoroheptanesulfonic Acid (PFHpS)	89		-		70-150	-		
Perfluorononanoic Acid (PFNA)	94		-		70-150	-		
Perfluorooctanesulfonic Acid (PFOS)	100		-		55-150	-		
Perfluorodecanoic Acid (PFDA)	96		-		70-140	-		
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	103		-		60-150	-		
Perfluorononanesulfonic Acid (PFNS)	77		-		65-145	-		
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	79		-		50-140	-		
Perfluoroundecanoic Acid (PFUnA)	87		-		70-145	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 13 Batch: WG2125933-2 LOW LEVEL								
Perfluorodecanesulfonic Acid (PFDS)	70		-		60-145	-		
Perfluorooctanesulfonamide (PFOSA)	97		-		70-145	-		
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	97		-		70-145	-		
Perfluorododecanoic Acid (PFDoA)	80		-		70-140	-		
Perfluorotridecanoic Acid (PFTrDA)	74		-		65-140	-		
Perfluorotetradecanoic Acid (PFTeDA)	79		-		60-140	-		
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	95		-		70-140	-		
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	101		-		65-145	-		
Perfluorododecanesulfonic Acid (PFDoS)	63		-		50-145	-		
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	85		-		70-155	-		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	78		-		55-160	-		
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	94		-		60-150	-		
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	80		-		65-145	-		
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	91		-		70-145	-		
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	89		-		70-135	-		
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	85		-		55-140	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 13 Batch: WG2125933-2 LOW LEVEL								
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	92		-		60-150	-		
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	82		-		70-140	-		
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	77		-		50-150	-		
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	80		-		65-130	-		
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	74		-		70-135	-		
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	76		-		50-145	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 13 Batch: WG2125933-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	115				5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	115				40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	113				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	112				40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	118				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	110				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	102				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	107				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	115				40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	108				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	100				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	105				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	105				40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	83				40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	96				30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	68				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	78				25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	69				10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	68				10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	101				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	70				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	77				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	74				10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	77				10-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 13 Batch: WG2125933-3								
Perfluorobutanoic Acid (PFBA)	96		-		70-140	-		
Perfluoropentanoic Acid (PFPeA)	96		-		65-135	-		
Perfluorobutanesulfonic Acid (PFBS)	91		-		60-145	-		
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	100		-		70-145	-		
Perfluorohexanoic Acid (PFHxA)	95		-		70-145	-		
Perfluoropentanesulfonic Acid (PFPeS)	91		-		65-140	-		
Perfluoroheptanoic Acid (PFHpA)	98		-		70-150	-		
Perfluorohexanesulfonic Acid (PFHxS)	88		-		65-145	-		
Perfluorooctanoic Acid (PFOA)	98		-		70-150	-		
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	99		-		65-155	-		
Perfluoroheptanesulfonic Acid (PFHpS)	111		-		70-150	-		
Perfluorononanoic Acid (PFNA)	93		-		70-150	-		
Perfluorooctanesulfonic Acid (PFOS)	96		-		55-150	-		
Perfluorodecanoic Acid (PFDA)	101		-		70-140	-		
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	99		-		60-150	-		
Perfluorononanesulfonic Acid (PFNS)	81		-		65-145	-		
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	98		-		50-140	-		
Perfluoroundecanoic Acid (PFUnA)	102		-		70-145	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 13 Batch: WG2125933-3								
Perfluorodecanesulfonic Acid (PFDS)	70		-		60-145	-		
Perfluorooctanesulfonamide (PFOSA)	104		-		70-145	-		
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	99		-		70-145	-		
Perfluorododecanoic Acid (PFDoA)	92		-		70-140	-		
Perfluorotridecanoic Acid (PFTrDA)	78		-		65-140	-		
Perfluorotetradecanoic Acid (PFTeDA)	102		-		60-140	-		
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	103		-		70-140	-		
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	110		-		65-145	-		
Perfluorododecanesulfonic Acid (PFDoS)	61		-		50-145	-		
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	95		-		70-155	-		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	74		-		55-160	-		
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	100		-		60-150	-		
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	97		-		65-145	-		
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	105		-		70-145	-		
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	96		-		70-135	-		
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	95		-		55-140	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 13 Batch: WG2125933-3								
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	96		-		60-150	-		
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	87		-		70-140	-		
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	88		-		50-150	-		
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	90		-		65-130	-		
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	89		-		70-135	-		
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	83		-		50-145	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 13 Batch: WG2125933-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	92				5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	90				40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	84				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	85				40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	93				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	88				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	90				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	96				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	92				40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	98				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	76				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	82				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	81				40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	57				40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	68				30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	57				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	51				25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	51				10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	43				10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	77				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	59				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	63				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	59				10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	61				10-130

Matrix Spike Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2562994
Report Date: 10/21/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-12 QC Batch ID: WG2124876-4 WG2124876-5 QC Sample: L2562994-10 Client ID: GZ-15 (0-2')												
Acenaphthene	ND	1390	1300	93		1100	79		31-137	17		50
1,2,4-Trichlorobenzene	ND	1390	1200	86		1100	79		38-107	9		50
Hexachlorobenzene	ND	1390	1200	86		1100	79		40-140	9		50
Bis(2-chloroethyl)ether	ND	1390	1100	79		970	69		40-140	13		50
2-Chloronaphthalene	ND	1390	1200	86		1100	79		40-140	9		50
1,2-Dichlorobenzene	ND	1390	1100	79		1000	71		40-140	10		50
1,3-Dichlorobenzene	ND	1390	1100	79		980	70		40-140	12		50
1,4-Dichlorobenzene	ND	1390	1100	79		980	70		28-104	12		50
3,3'-Dichlorobenzidine	ND	1390	960	69		900	64		40-140	6		50
2,4-Dinitrotoluene	ND	1390	800	58		690	49		40-132	15		50
2,6-Dinitrotoluene	ND	1390	1000	72		890	64		40-140	12		50
Fluoranthene	190	1390	1400	87		1300	79		40-140	7		50
4-Chlorophenyl phenyl ether	ND	1390	1200	86		1100	79		40-140	9		50
4-Bromophenyl phenyl ether	ND	1390	1300	93		1100	79		40-140	17		50
Bis(2-chloroisopropyl)ether	ND	1390	1500	110		1300	93		40-140	14		50
Bis(2-chloroethoxy)methane	ND	1390	1100	79		1000	71		40-117	10		50
Hexachlorobutadiene	ND	1390	1200	86		1100	79		40-140	9		50
Hexachlorocyclopentadiene	ND	1390	ND	**0**	Q	ND	**0**	Q	40-140	NC		50
Hexachloroethane	ND	1390	850	61		730	52		40-140	15		50

Matrix Spike Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2562994
Report Date: 10/21/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-12 QC Batch ID: WG2124876-4 WG2124876-5 QC Sample: L2562994-10 Client ID: GZ-15 (0-2')												
Isophorone	ND	1390	1200	86		1100	79		40-140	9		50
Naphthalene	ND	1390	1200	86		1000	71		40-140	18		50
Nitrobenzene	ND	1390	1200	86		1100	79		40-140	9		50
NDPA/DPA	ND	1390	1300	93		1100	79		36-157	17		50
n-Nitrosodi-n-propylamine	ND	1390	1200	86		1100	79		32-121	9		50
Bis(2-ethylhexyl)phthalate	ND	1390	1700	120		1600	110		40-140	6		50
Butyl benzyl phthalate	ND	1390	1200	86		1100	79		40-140	9		50
Di-n-butylphthalate	ND	1390	1400	100		1200	86		40-140	15		50
Di-n-octylphthalate	ND	1390	1700	120		1400	100		40-140	19		50
Diethyl phthalate	ND	1390	1300	93		1100	79		40-140	17		50
Dimethyl phthalate	ND	1390	1200	86		1000	71		40-140	18		50
Benzo(a)anthracene	130	1390	1500	98		1300	84		40-140	14		50
Benzo(a)pyrene	120J	1390	1400	100		1200	86		40-140	15		50
Benzo(b)fluoranthene	180	1390	1500	95		1400	87		40-140	7		50
Benzo(k)fluoranthene	47J	1390	1200	86		1100	79		40-140	9		50
Chrysene	140	1390	1400	91		1300	83		40-140	7		50
Acenaphthylene	61J	1390	1300	93		1100	79		40-140	17		50
Anthracene	34J	1390	1300	93		1200	86		40-140	8		50
Benzo(ghi)perylene	95J	1390	1300	93		1200	86		40-140	8		50

Matrix Spike Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2562994
Report Date: 10/21/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-12 QC Batch ID: WG2124876-4 WG2124876-5 QC Sample: L2562994-10 Client ID: GZ-15 (0-2')												
Fluorene	ND	1390	1300	93		1100	79		40-140	17		50
Phenanthrene	84J	1390	1300	93		1200	86		40-140	8		50
Dibenzo(a,h)anthracene	ND	1390	1200	86		1100	79		40-140	9		50
Indeno(1,2,3-cd)pyrene	85J	1390	1400	100		1200	86		40-140	15		50
Pyrene	190	1390	1400	87		1200	72		35-142	15		50
Biphenyl	ND	1390	1300	93		1200	86		37-127	8		50
4-Chloroaniline	ND	1390	860	62		890	64		40-140	3		50
2-Nitroaniline	ND	1390	1500	110		1400	100		47-134	7		50
3-Nitroaniline	ND	1390	1400	100		1300	93		26-129	7		50
4-Nitroaniline	ND	1390	1400	100		1200	86		41-125	15		50
Dibenzofuran	ND	1390	1300	93		1100	79		40-140	17		50
2-Methylnaphthalene	ND	1390	1800	130		1600	110		40-140	12		50
1,2,4,5-Tetrachlorobenzene	ND	1390	1400	100		1200	86		40-117	15		50
Acetophenone	ND	1390	1300	93		1200	86		14-144	8		50
2,4,6-Trichlorophenol	ND	1390	1400	100		1200	86		30-130	15		50
p-Chloro-m-cresol	ND	1390	1300	93		1200	86		26-103	8		50
2-Chlorophenol	ND	1390	1200	86		1100	79		25-102	9		50
2,4-Dichlorophenol	ND	1390	1300	93		1200	86		30-130	8		50
2,4-Dimethylphenol	ND	1390	1200	86		1100	79		30-130	9		50

Matrix Spike Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2562994
Report Date: 10/21/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Client ID: GZ-15 (0-2')	Associated sample(s): 01-12		QC Batch ID: WG2124876-4			WG2124876-5			QC Sample: L2562994-10			
2-Nitrophenol	ND	1390	880	63		760	54		30-130	15		50
4-Nitrophenol	ND	1390	1100	79		970	69		11-114	13		50
2,4-Dinitrophenol	ND	1390	ND	**0**	Q	120J	9		4-130	NC		50
4,6-Dinitro-o-cresol	ND	1390	ND	**0**	Q	ND	**0**	Q	10-130	NC		50
Pentachlorophenol	ND	1390	930	67		820	59		17-109	13		50
Phenol	ND	1390	1200	86		1100	79		26-90	9		50
2-Methylphenol	ND	1390	1200	86		1100	79		30-130	9		50
3-Methylphenol/4-Methylphenol	ND	1390	1200	86		1100	79		30-130	9		50
2,4,5-Trichlorophenol	ND	1390	1400	100		1200	86		30-130	15		50
Benzoic Acid	ND	1390	230J	17		ND	**0**	Q	10-110	NC		50
Benzyl Alcohol	ND	1390	1200	86		1000	71		40-140	18		50
Carbazole	ND	1390	1200	86		1100	79		54-128	9		50
1,4-Dioxane	ND	1390	710	51		620	44		40-140	14		50

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	88		77		10-136
2-Fluorobiphenyl	83		73		30-120
2-Fluorophenol	82		75		25-120
4-Terphenyl-d14	79		70		18-120
Nitrobenzene-d5	85		80		23-120

Matrix Spike Analysis

Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT

Project Number: 41.0163476.00

Lab Number: L2562994

Report Date: 10/21/25

Parameter	*Native Sample*	*MS Added*	*MS Found*	*MS %Recovery*	*Qual*	*MSD Found*	*MSD %Recovery*	*Qual*	*Recovery Limits*	*RPD*	*Qual*	*RPD Limits*
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-12 QC Batch ID: WG2124876-4 WG2124876-5 QC Sample: L2562994-10 Client ID: GZ-15 (0-2')												

Surrogate	*MS % Recovery*	*MS Qualifier*	*MSD % Recovery*	*MSD Qualifier*	*Acceptance Criteria*
Phenol-d6	86		78		10-120

PCBS

Project Name: OCEAN BAY REDEVELOPMENT
Lab Number: L2562994
Project Number: 41.0163476.00
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-01
Client ID: GZ-06 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/06/25 12:45
Date Received: 10/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/08/25 08:38
Analyst: EMR
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 10/07/25 22:08
Cleanup Method: EPA 3665A
Cleanup Date: 10/08/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/08/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	51.5	4.58	1	A
Aroclor 1221	ND		ug/kg	51.5	5.16	1	A
Aroclor 1232	ND		ug/kg	51.5	10.9	1	A
Aroclor 1242	ND		ug/kg	51.5	6.94	1	A
Aroclor 1248	ND		ug/kg	51.5	7.73	1	A
Aroclor 1254	ND		ug/kg	51.5	5.64	1	A
Aroclor 1260	ND		ug/kg	51.5	9.52	1	A
Aroclor 1262	ND		ug/kg	51.5	6.54	1	A
Aroclor 1268	ND		ug/kg	51.5	5.34	1	A
PCBs, Total	ND		ug/kg	51.5	4.58	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	92		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-02
Client ID: GZ-06 (2.5-4.5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/06/25 12:50
Date Received: 10/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/08/25 08:46
Analyst: EMR
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 10/07/25 22:08
Cleanup Method: EPA 3665A
Cleanup Date: 10/08/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/08/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	48.6	4.32	1	A
Aroclor 1221	ND		ug/kg	48.6	4.87	1	A
Aroclor 1232	ND		ug/kg	48.6	10.3	1	A
Aroclor 1242	ND		ug/kg	48.6	6.55	1	A
Aroclor 1248	ND		ug/kg	48.6	7.29	1	A
Aroclor 1254	ND		ug/kg	48.6	5.32	1	A
Aroclor 1260	ND		ug/kg	48.6	8.98	1	A
Aroclor 1262	ND		ug/kg	48.6	6.17	1	A
Aroclor 1268	ND		ug/kg	48.6	5.04	1	A
PCBs, Total	ND		ug/kg	48.6	4.32	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	91		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2562994
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-03
Client ID: GZ-07 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Date Collected: 10/06/25 11:30
Date Received: 10/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/08/25 08:54
Analyst: EMR
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 10/07/25 22:08
Cleanup Method: EPA 3665A
Cleanup Date: 10/08/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/08/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	50.0	4.44	1	A
Aroclor 1221	ND		ug/kg	50.0	5.01	1	A
Aroclor 1232	ND		ug/kg	50.0	10.6	1	A
Aroclor 1242	ND		ug/kg	50.0	6.74	1	A
Aroclor 1248	14.6	J	ug/kg	50.0	7.50	1	B
Aroclor 1254	11.3	J	ug/kg	50.0	5.47	1	A
Aroclor 1260	16.4	J	ug/kg	50.0	9.24	1	A
Aroclor 1262	ND		ug/kg	50.0	6.35	1	A
Aroclor 1268	5.41	J	ug/kg	50.0	5.18	1	A
PCBs, Total	47.7	J	ug/kg	50.0	4.44	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	70		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2562994
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-04
Client ID: GZ-07 (3-5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/06/25 11:35
Date Received: 10/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/08/25 09:01
Analyst: EMR
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 10/07/25 22:08
Cleanup Method: EPA 3665A
Cleanup Date: 10/08/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/08/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	54.1	4.80	1	A
Aroclor 1221	ND		ug/kg	54.1	5.42	1	A
Aroclor 1232	ND		ug/kg	54.1	11.5	1	A
Aroclor 1242	ND		ug/kg	54.1	7.29	1	A
Aroclor 1248	ND		ug/kg	54.1	8.12	1	A
Aroclor 1254	ND		ug/kg	54.1	5.92	1	A
Aroclor 1260	ND		ug/kg	54.1	10.0	1	A
Aroclor 1262	ND		ug/kg	54.1	6.87	1	A
Aroclor 1268	ND		ug/kg	54.1	5.60	1	A
PCBs, Total	ND		ug/kg	54.1	4.80	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2562994
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-05
Client ID: GZ-10 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/06/25 10:00
Date Received: 10/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/08/25 09:09
Analyst: EMR
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 10/07/25 22:08
Cleanup Method: EPA 3665A
Cleanup Date: 10/08/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/08/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	53.2	4.73	1	A
Aroclor 1221	ND		ug/kg	53.2	5.33	1	A
Aroclor 1232	ND		ug/kg	53.2	11.3	1	A
Aroclor 1242	ND		ug/kg	53.2	7.18	1	A
Aroclor 1248	ND		ug/kg	53.2	7.98	1	A
Aroclor 1254	ND		ug/kg	53.2	5.82	1	A
Aroclor 1260	ND		ug/kg	53.2	9.84	1	A
Aroclor 1262	ND		ug/kg	53.2	6.76	1	A
Aroclor 1268	ND		ug/kg	53.2	5.51	1	A
PCBs, Total	ND		ug/kg	53.2	4.73	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	88		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Lab Number: L2562994
Project Number: 41.0163476.00
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-06
Client ID: GZ-10 (2.5-4.5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/06/25 10:05
Date Received: 10/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/08/25 09:17
Analyst: EMR
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 10/07/25 22:08
Cleanup Method: EPA 3665A
Cleanup Date: 10/08/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/08/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	50.2	4.46	1	A
Aroclor 1221	ND		ug/kg	50.2	5.03	1	A
Aroclor 1232	ND		ug/kg	50.2	10.6	1	A
Aroclor 1242	ND		ug/kg	50.2	6.76	1	A
Aroclor 1248	ND		ug/kg	50.2	7.53	1	A
Aroclor 1254	ND		ug/kg	50.2	5.49	1	A
Aroclor 1260	ND		ug/kg	50.2	9.27	1	A
Aroclor 1262	ND		ug/kg	50.2	6.37	1	A
Aroclor 1268	ND		ug/kg	50.2	5.20	1	A
PCBs, Total	ND		ug/kg	50.2	4.46	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	73		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2562994
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-07
Client ID: GZ-10 (6-8')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/06/25 10:10
Date Received: 10/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/08/25 09:25
Analyst: EMR
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 10/07/25 22:08
Cleanup Method: EPA 3665A
Cleanup Date: 10/08/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/08/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	57.1	5.07	1	A
Aroclor 1221	ND		ug/kg	57.1	5.72	1	A
Aroclor 1232	ND		ug/kg	57.1	12.1	1	A
Aroclor 1242	ND		ug/kg	57.1	7.70	1	A
Aroclor 1248	ND		ug/kg	57.1	8.57	1	A
Aroclor 1254	ND		ug/kg	57.1	6.25	1	A
Aroclor 1260	ND		ug/kg	57.1	10.6	1	A
Aroclor 1262	ND		ug/kg	57.1	7.26	1	A
Aroclor 1268	ND		ug/kg	57.1	5.92	1	A
PCBs, Total	ND		ug/kg	57.1	5.07	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2562994
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-08
Client ID: GZ-11 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Date Collected: 10/06/25 10:15
Date Received: 10/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/08/25 09:32
Analyst: EMR
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 10/07/25 23:19
Cleanup Method: EPA 3665A
Cleanup Date: 10/08/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/08/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	54.2	4.81	1	A
Aroclor 1221	ND		ug/kg	54.2	5.43	1	A
Aroclor 1232	ND		ug/kg	54.2	11.5	1	A
Aroclor 1242	ND		ug/kg	54.2	7.30	1	A
Aroclor 1248	ND		ug/kg	54.2	8.13	1	A
Aroclor 1254	19.0	J	ug/kg	54.2	5.93	1	B
Aroclor 1260	19.9	J	ug/kg	54.2	10.0	1	B
Aroclor 1262	ND		ug/kg	54.2	6.88	1	A
Aroclor 1268	ND		ug/kg	54.2	5.61	1	A
PCBs, Total	38.9	J	ug/kg	54.2	4.81	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	62		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-09
Client ID: GZ-11 (2.5-4.5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/06/25 10:20
Date Received: 10/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/08/25 09:40
Analyst: EMR
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 10/07/25 23:19
Cleanup Method: EPA 3665A
Cleanup Date: 10/08/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/08/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	51.6	4.58	1	A
Aroclor 1221	ND		ug/kg	51.6	5.17	1	A
Aroclor 1232	ND		ug/kg	51.6	10.9	1	A
Aroclor 1242	ND		ug/kg	51.6	6.95	1	A
Aroclor 1248	ND		ug/kg	51.6	7.74	1	A
Aroclor 1254	ND		ug/kg	51.6	5.64	1	A
Aroclor 1260	ND		ug/kg	51.6	9.53	1	A
Aroclor 1262	ND		ug/kg	51.6	6.55	1	A
Aroclor 1268	ND		ug/kg	51.6	5.34	1	A
PCBs, Total	ND		ug/kg	51.6	4.58	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	70		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Lab Number: L2562994
Project Number: 41.0163476.00
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-10
Client ID: GZ-15 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/06/25 12:05
Date Received: 10/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/08/25 09:48
Analyst: EMR
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 10/07/25 23:19
Cleanup Method: EPA 3665A
Cleanup Date: 10/08/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/08/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	51.6	4.58	1	A
Aroclor 1221	ND		ug/kg	51.6	5.17	1	A
Aroclor 1232	ND		ug/kg	51.6	10.9	1	A
Aroclor 1242	ND		ug/kg	51.6	6.96	1	A
Aroclor 1248	ND		ug/kg	51.6	7.74	1	A
Aroclor 1254	ND		ug/kg	51.6	5.64	1	A
Aroclor 1260	ND		ug/kg	51.6	9.54	1	A
Aroclor 1262	ND		ug/kg	51.6	6.55	1	A
Aroclor 1268	ND		ug/kg	51.6	5.34	1	A
PCBs, Total	ND		ug/kg	51.6	4.58	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	89		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-11
Client ID: GZ-15 (3-5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/06/25 12:20
Date Received: 10/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/08/25 10:11
Analyst: EMR
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 10/07/25 23:19
Cleanup Method: EPA 3665A
Cleanup Date: 10/08/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/08/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	50.4	4.48	1	A
Aroclor 1221	ND		ug/kg	50.4	5.05	1	A
Aroclor 1232	ND		ug/kg	50.4	10.7	1	A
Aroclor 1242	ND		ug/kg	50.4	6.80	1	A
Aroclor 1248	ND		ug/kg	50.4	7.56	1	A
Aroclor 1254	ND		ug/kg	50.4	5.52	1	A
Aroclor 1260	ND		ug/kg	50.4	9.32	1	A
Aroclor 1262	ND		ug/kg	50.4	6.40	1	A
Aroclor 1268	ND		ug/kg	50.4	5.22	1	A
PCBs, Total	ND		ug/kg	50.4	4.48	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		30-150	B
Decachlorobiphenyl	70		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2562994
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-12
Client ID: DUPLICATE-10-06-2025
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/06/25 00:00
Date Received: 10/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/08/25 10:19
Analyst: EMR
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 10/07/25 23:19
Cleanup Method: EPA 3665A
Cleanup Date: 10/08/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/08/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	56.0	4.97	1	A
Aroclor 1221	ND		ug/kg	56.0	5.61	1	A
Aroclor 1232	ND		ug/kg	56.0	11.9	1	A
Aroclor 1242	ND		ug/kg	56.0	7.55	1	A
Aroclor 1248	ND		ug/kg	56.0	8.40	1	A
Aroclor 1254	ND		ug/kg	56.0	6.13	1	A
Aroclor 1260	ND		ug/kg	56.0	10.4	1	A
Aroclor 1262	ND		ug/kg	56.0	7.11	1	A
Aroclor 1268	ND		ug/kg	56.0	5.80	1	A
PCBs, Total	ND		ug/kg	56.0	4.97	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-15
Client ID: FIELD BLANK-2025-10-06
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/06/25 13:15
Date Received: 10/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 10/10/25 17:01
Analyst: SDC

Extraction Method: EPA 3510C
Extraction Date: 10/09/25 23:09
Cleanup Method: EPA 3665A
Cleanup Date: 10/10/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/10/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.021	1	A
Aroclor 1221	ND		ug/l	0.071	0.026	1	A
Aroclor 1232	ND		ug/l	0.071	0.026	1	A
Aroclor 1242	ND		ug/l	0.071	0.026	1	A
Aroclor 1248	ND		ug/l	0.071	0.026	1	A
Aroclor 1254	ND		ug/l	0.071	0.026	1	A
Aroclor 1260	ND		ug/l	0.071	0.026	1	A
Aroclor 1262	ND		ug/l	0.071	0.026	1	A
Aroclor 1268	ND		ug/l	0.071	0.026	1	A
PCBs, Total	ND		ug/l	0.071	0.021	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	62		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2562994
Report Date: 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 10/08/25 07:51
Analyst: EMR

Extraction Method: EPA 3546
Extraction Date: 10/07/25 22:08
Cleanup Method: EPA 3665A
Cleanup Date: 10/08/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/08/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-12 Batch: WG2124864-1						
Aroclor 1016	ND		ug/kg	48.3	4.29	A
Aroclor 1221	ND		ug/kg	48.3	4.84	A
Aroclor 1232	ND		ug/kg	48.3	10.2	A
Aroclor 1242	ND		ug/kg	48.3	6.51	A
Aroclor 1248	ND		ug/kg	48.3	7.25	A
Aroclor 1254	ND		ug/kg	48.3	5.28	A
Aroclor 1260	ND		ug/kg	48.3	8.93	A
Aroclor 1262	ND		ug/kg	48.3	6.14	A
Aroclor 1268	ND		ug/kg	48.3	5.00	A
PCBs, Total	ND		ug/kg	48.3	4.29	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	91		30-150	A
Decachlorobiphenyl	85		30-150	A
2,4,5,6-Tetrachloro-m-xylene	101		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2562994
Report Date: 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 10/10/25 16:35
Analyst: SDC

Extraction Method: EPA 3510C
Extraction Date: 10/09/25 23:09
Cleanup Method: EPA 3665A
Cleanup Date: 10/10/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/10/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 15 Batch: WG2125989-1						
Aroclor 1016	ND		ug/l	0.071	0.021	A
Aroclor 1221	ND		ug/l	0.071	0.026	A
Aroclor 1232	ND		ug/l	0.071	0.026	A
Aroclor 1242	ND		ug/l	0.071	0.026	A
Aroclor 1248	ND		ug/l	0.071	0.026	A
Aroclor 1254	ND		ug/l	0.071	0.026	A
Aroclor 1260	ND		ug/l	0.071	0.026	A
Aroclor 1262	ND		ug/l	0.071	0.026	A
Aroclor 1268	ND		ug/l	0.071	0.026	A
PCBs, Total	ND		ug/l	0.071	0.021	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	75		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-12 Batch: WG2124864-2 WG2124864-3									
Aroclor 1016	82		80		40-140	2		50	A
Aroclor 1260	88		87		40-140	1		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	90		87		30-150	A
Decachlorobiphenyl	86		85		30-150	A
2,4,5,6-Tetrachloro-m-xylene	102		101		30-150	B
Decachlorobiphenyl	84		83		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 15 Batch: WG2125989-2 WG2125989-3									
Aroclor 1016	73		80		40-140	8		50	A
Aroclor 1260	79		85		40-140	8		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		82		30-150	A
Decachlorobiphenyl	75		83		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		82		30-150	B
Decachlorobiphenyl	87		93		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2562994
Report Date: 10/21/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-12 QC Batch ID: WG2124864-4 WG2124864-5 QC Sample: L2562994-10 Client ID: GZ-15 (0-2')													
Aroclor 1016	ND	330	220	67		204	67		40-140	8		50	A
Aroclor 1260	ND	330	220	67		202	67		40-140	9		50	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		76		30-150	A
Decachlorobiphenyl	64		65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		83		30-150	B
Decachlorobiphenyl	64		65		30-150	B

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Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2562994
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-01
Client ID: GZ-06 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Date Collected: 10/06/25 12:45
Date Received: 10/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/08/25 23:24
Analyst: JAG
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 10/08/25 00:32
Cleanup Method: EPA 3620B
Cleanup Date: 10/08/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/08/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.60	0.314	1	A
Lindane	ND		ug/kg	0.669	0.299	1	A
Alpha-BHC	ND		ug/kg	0.669	0.190	1	A
Beta-BHC	ND		ug/kg	1.60	0.609	1	A
Heptachlor	ND		ug/kg	0.803	0.360	1	A
Aldrin	ND		ug/kg	1.60	0.565	1	A
Heptachlor epoxide	ND		ug/kg	3.01	0.903	1	A
Endrin	ND		ug/kg	0.669	0.274	1	A
Endrin aldehyde	ND		ug/kg	2.01	0.702	1	A
Endrin ketone	ND		ug/kg	1.60	0.413	1	A
Dieldrin	ND		ug/kg	1.00	0.502	1	A
4,4'-DDE	1.04	J	ug/kg	1.60	0.371	1	B
4,4'-DDD	ND		ug/kg	1.60	0.573	1	A
4,4'-DDT	2.89		ug/kg	1.60	1.29	1	B
Endosulfan I	ND		ug/kg	1.60	0.379	1	A
Endosulfan II	ND		ug/kg	1.60	0.536	1	A
Endosulfan sulfate	ND		ug/kg	0.669	0.318	1	A
Methoxychlor	ND		ug/kg	3.01	0.936	1	A
Toxaphene	ND		ug/kg	30.1	8.43	1	A
cis-Chlordane	ND		ug/kg	2.01	0.559	1	A
trans-Chlordane	ND		ug/kg	2.01	0.530	1	A
Chlordane	ND		ug/kg	13.4	5.32	1	A

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-01 Date Collected: 10/06/25 12:45

Client ID: GZ-06 (0-2') Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	92		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Lab Number: L2562994
Project Number: 41.0163476.00
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-01
Client ID: GZ-06 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/06/25 12:45
Date Received: 10/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 10/10/25 00:43
Analyst: EJL
Percent Solids: 96%
Methylation Date: 10/09/25 17:28

Extraction Method: EPA 8151A
Extraction Date: 10/08/25 13:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	171	10.8	1	A
2,4,5-T	ND		ug/kg	171	5.30	1	A
2,4,5-TP (Silvex)	ND		ug/kg	171	4.55	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	94		30-150	A
DCAA	87		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Lab Number: L2562994
Project Number: 41.0163476.00
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-02
Client ID: GZ-06 (2.5-4.5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/06/25 12:50
Date Received: 10/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/08/25 23:37
Analyst: JAG
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 10/08/25 00:32
Cleanup Method: EPA 3620B
Cleanup Date: 10/08/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/08/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.66	0.324	1	A
Lindane	ND		ug/kg	0.690	0.308	1	A
Alpha-BHC	ND		ug/kg	0.690	0.196	1	A
Beta-BHC	ND		ug/kg	1.66	0.628	1	A
Heptachlor	ND		ug/kg	0.828	0.371	1	A
Aldrin	ND		ug/kg	1.66	0.583	1	A
Heptachlor epoxide	ND		ug/kg	3.10	0.931	1	A
Endrin	ND		ug/kg	0.690	0.283	1	A
Endrin aldehyde	ND		ug/kg	2.07	0.724	1	A
Endrin ketone	ND		ug/kg	1.66	0.426	1	A
Dieldrin	ND		ug/kg	1.03	0.517	1	A
4,4'-DDE	ND	IP	ug/kg	1.66	0.383	1	A
4,4'-DDD	ND		ug/kg	1.66	0.590	1	A
4,4'-DDT	ND		ug/kg	1.66	1.33	1	B
Endosulfan I	ND		ug/kg	1.66	0.391	1	A
Endosulfan II	ND		ug/kg	1.66	0.553	1	A
Endosulfan sulfate	ND		ug/kg	0.690	0.328	1	A
Methoxychlor	ND		ug/kg	3.10	0.966	1	A
Toxaphene	ND		ug/kg	31.0	8.69	1	A
cis-Chlordane	ND		ug/kg	2.07	0.577	1	A
trans-Chlordane	ND		ug/kg	2.07	0.546	1	A
Chlordane	ND		ug/kg	13.8	5.48	1	A

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-02 Date Collected: 10/06/25 12:50

Client ID: GZ-06 (2.5-4.5') Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	89		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	98		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Lab Number: L2562994
Project Number: 41.0163476.00
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-02
Client ID: GZ-06 (2.5-4.5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/06/25 12:50
Date Received: 10/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 10/10/25 01:01
Analyst: EJL
Percent Solids: 96%
Methylation Date: 10/09/25 17:28

Extraction Method: EPA 8151A
Extraction Date: 10/08/25 13:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	174	11.0	1	A
2,4,5-T	ND		ug/kg	174	5.41	1	A
2,4,5-TP (Silvex)	ND		ug/kg	174	4.64	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	94		30-150	A
DCAA	87		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2562994
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-03
Client ID: GZ-07 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/06/25 11:30
Date Received: 10/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/08/25 23:49
Analyst: JAG
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 10/08/25 00:32
Cleanup Method: EPA 3620B
Cleanup Date: 10/08/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/08/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.67	0.327	1	A
Lindane	ND		ug/kg	0.697	0.311	1	A
Alpha-BHC	ND		ug/kg	0.697	0.198	1	A
Beta-BHC	ND		ug/kg	1.67	0.634	1	A
Heptachlor	ND		ug/kg	0.836	0.375	1	A
Aldrin	ND		ug/kg	1.67	0.589	1	A
Heptachlor epoxide	ND		ug/kg	3.13	0.940	1	A
Endrin	ND		ug/kg	0.697	0.286	1	A
Endrin aldehyde	ND		ug/kg	2.09	0.731	1	A
Endrin ketone	ND		ug/kg	1.67	0.430	1	A
Dieldrin	ND		ug/kg	1.04	0.522	1	A
4,4'-DDE	75.5		ug/kg	1.67	0.387	1	A
4,4'-DDD	7.17		ug/kg	1.67	0.596	1	A
4,4'-DDT	119		ug/kg	1.67	1.34	1	A
Endosulfan I	ND		ug/kg	1.67	0.395	1	A
Endosulfan II	ND		ug/kg	1.67	0.559	1	A
Endosulfan sulfate	ND		ug/kg	0.697	0.332	1	A
Methoxychlor	ND		ug/kg	3.13	0.975	1	A
Toxaphene	ND		ug/kg	31.3	8.78	1	A
cis-Chlordane	ND		ug/kg	2.09	0.582	1	A
trans-Chlordane	ND		ug/kg	2.09	0.552	1	A
Chlordane	ND		ug/kg	13.9	5.54	1	A

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-03 Date Collected: 10/06/25 11:30

Client ID: GZ-07 (0-2') Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	92		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	90		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Lab Number: L2562994
Project Number: 41.0163476.00
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-03
Client ID: GZ-07 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/06/25 11:30
Date Received: 10/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 10/10/25 01:37
Analyst: EJL
Percent Solids: 95%
Methylation Date: 10/09/25 17:28

Extraction Method: EPA 8151A
Extraction Date: 10/08/25 13:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	173	10.9	1	A
2,4,5-T	ND		ug/kg	173	5.38	1	A
2,4,5-TP (Silvex)	ND		ug/kg	173	4.61	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	94		30-150	A
DCAA	82		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2562994
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-04
Client ID: GZ-07 (3-5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/06/25 11:35
Date Received: 10/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/09/25 00:02
Analyst: JAG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 10/08/25 00:32
Cleanup Method: EPA 3620B
Cleanup Date: 10/08/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/08/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.78	0.349	1	A
Lindane	ND		ug/kg	0.744	0.332	1	A
Alpha-BHC	ND		ug/kg	0.744	0.211	1	A
Beta-BHC	ND		ug/kg	1.78	0.677	1	A
Heptachlor	ND		ug/kg	0.892	0.400	1	A
Aldrin	ND		ug/kg	1.78	0.628	1	A
Heptachlor epoxide	ND		ug/kg	3.35	1.00	1	A
Endrin	ND		ug/kg	0.744	0.305	1	A
Endrin aldehyde	ND		ug/kg	2.23	0.781	1	A
Endrin ketone	ND		ug/kg	1.78	0.460	1	A
Dieldrin	ND		ug/kg	1.12	0.558	1	A
4,4'-DDE	0.741	J	ug/kg	1.78	0.413	1	B
4,4'-DDD	ND		ug/kg	1.78	0.636	1	A
4,4'-DDT	ND		ug/kg	1.78	1.44	1	A
Endosulfan I	ND		ug/kg	1.78	0.422	1	A
Endosulfan II	ND		ug/kg	1.78	0.596	1	A
Endosulfan sulfate	ND		ug/kg	0.744	0.354	1	A
Methoxychlor	ND		ug/kg	3.35	1.04	1	A
Toxaphene	ND		ug/kg	33.5	9.37	1	A
cis-Chlordane	ND		ug/kg	2.23	0.622	1	A
trans-Chlordane	ND		ug/kg	2.23	0.589	1	A
Chlordane	ND		ug/kg	14.9	5.91	1	A

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-04 Date Collected: 10/06/25 11:35

Client ID: GZ-07 (3-5') Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	95		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	104		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Lab Number: L2562994
Project Number: 41.0163476.00
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-04
Client ID: GZ-07 (3-5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/06/25 11:35
Date Received: 10/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 10/10/25 01:55
Analyst: EJL
Percent Solids: 87%
Methylation Date: 10/09/25 17:28

Extraction Method: EPA 8151A
Extraction Date: 10/08/25 13:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	188	11.8	1	A
2,4,5-T	ND		ug/kg	188	5.83	1	A
2,4,5-TP (Silvex)	ND		ug/kg	188	5.01	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	46		30-150	A
DCAA	46		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2562994
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-05
Client ID: GZ-10 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Date Collected: 10/06/25 10:00
Date Received: 10/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/09/25 00:14
Analyst: JAG
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 10/08/25 00:32
Cleanup Method: EPA 3620B
Cleanup Date: 10/08/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/08/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.75	0.343	1	A
Lindane	ND		ug/kg	0.730	0.326	1	A
Alpha-BHC	ND		ug/kg	0.730	0.207	1	A
Beta-BHC	ND		ug/kg	1.75	0.664	1	A
Heptachlor	ND		ug/kg	0.876	0.393	1	A
Aldrin	ND		ug/kg	1.75	0.617	1	A
Heptachlor epoxide	ND		ug/kg	3.28	0.985	1	A
Endrin	ND		ug/kg	0.730	0.299	1	A
Endrin aldehyde	ND		ug/kg	2.19	0.766	1	A
Endrin ketone	ND		ug/kg	1.75	0.451	1	A
Dieldrin	ND		ug/kg	1.09	0.547	1	A
4,4'-DDE	ND		ug/kg	1.75	0.405	1	A
4,4'-DDD	ND		ug/kg	1.75	0.625	1	A
4,4'-DDT	ND		ug/kg	1.75	1.41	1	A
Endosulfan I	ND		ug/kg	1.75	0.414	1	A
Endosulfan II	ND		ug/kg	1.75	0.585	1	A
Endosulfan sulfate	ND		ug/kg	0.730	0.347	1	A
Methoxychlor	ND		ug/kg	3.28	1.02	1	A
Toxaphene	ND		ug/kg	32.8	9.20	1	A
cis-Chlordane	ND		ug/kg	2.19	0.610	1	A
trans-Chlordane	ND		ug/kg	2.19	0.578	1	A
Chlordane	ND		ug/kg	14.6	5.80	1	A

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-05 Date Collected: 10/06/25 10:00

Client ID: GZ-10 (0-2') Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	93		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	99		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Lab Number: L2562994
Project Number: 41.0163476.00
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-05
Client ID: GZ-10 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/06/25 10:00
Date Received: 10/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 10/10/25 04:01
Analyst: EJL
Percent Solids: 88%
Methylation Date: 10/09/25 20:01

Extraction Method: EPA 8151A
Extraction Date: 10/08/25 13:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	190	12.0	1	A
2,4,5-T	ND		ug/kg	190	5.89	1	A
2,4,5-TP (Silvex)	ND		ug/kg	190	5.06	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	85		30-150	A
DCAA	80		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2562994
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-06
Client ID: GZ-10 (2.5-4.5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/06/25 10:05
Date Received: 10/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/09/25 00:27
Analyst: JAG
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 10/08/25 00:32
Cleanup Method: EPA 3620B
Cleanup Date: 10/08/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/08/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.67	0.327	1	A
Lindane	ND		ug/kg	0.695	0.311	1	A
Alpha-BHC	ND		ug/kg	0.695	0.197	1	A
Beta-BHC	ND		ug/kg	1.67	0.633	1	A
Heptachlor	ND		ug/kg	0.834	0.374	1	A
Aldrin	ND		ug/kg	1.67	0.587	1	A
Heptachlor epoxide	ND		ug/kg	3.13	0.938	1	A
Endrin	ND		ug/kg	0.695	0.285	1	A
Endrin aldehyde	ND		ug/kg	2.08	0.730	1	A
Endrin ketone	ND		ug/kg	1.67	0.430	1	A
Dieldrin	ND		ug/kg	1.04	0.521	1	A
4,4'-DDE	3.42		ug/kg	1.67	0.386	1	A
4,4'-DDD	ND		ug/kg	1.67	0.595	1	A
4,4'-DDT	5.41		ug/kg	1.67	1.34	1	B
Endosulfan I	ND		ug/kg	1.67	0.394	1	A
Endosulfan II	ND		ug/kg	1.67	0.558	1	A
Endosulfan sulfate	ND		ug/kg	0.695	0.331	1	A
Methoxychlor	ND		ug/kg	3.13	0.973	1	A
Toxaphene	ND		ug/kg	31.3	8.76	1	A
cis-Chlordane	ND		ug/kg	2.08	0.581	1	A
trans-Chlordane	ND		ug/kg	2.08	0.551	1	A
Chlordane	ND		ug/kg	13.9	5.53	1	A

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-06 Date Collected: 10/06/25 10:05

Client ID: GZ-10 (2.5-4.5') Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	138		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	92		30-150	B
Decachlorobiphenyl	93		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Lab Number: L2562994
Project Number: 41.0163476.00
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-06
Client ID: GZ-10 (2.5-4.5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/06/25 10:05
Date Received: 10/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 10/10/25 04:19
Analyst: EJL
Percent Solids: 92%
Methylation Date: 10/09/25 20:01

Extraction Method: EPA 8151A
Extraction Date: 10/08/25 13:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	179	11.3	1	A
2,4,5-T	ND		ug/kg	179	5.54	1	A
2,4,5-TP (Silvex)	ND		ug/kg	179	4.76	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	82		30-150	A
DCAA	74		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2562994
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-07
Client ID: GZ-10 (6-8')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/06/25 10:10
Date Received: 10/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/09/25 00:39
Analyst: JAG
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 10/08/25 00:32
Cleanup Method: EPA 3620B
Cleanup Date: 10/08/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/08/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.94	0.379	1	A
Lindane	ND		ug/kg	0.807	0.361	1	A
Alpha-BHC	ND		ug/kg	0.807	0.229	1	A
Beta-BHC	ND		ug/kg	1.94	0.734	1	A
Heptachlor	ND		ug/kg	0.968	0.434	1	A
Aldrin	ND		ug/kg	1.94	0.682	1	A
Heptachlor epoxide	ND		ug/kg	3.63	1.09	1	A
Endrin	ND		ug/kg	0.807	0.331	1	A
Endrin aldehyde	ND		ug/kg	2.42	0.847	1	A
Endrin ketone	ND		ug/kg	1.94	0.499	1	A
Dieldrin	ND		ug/kg	1.21	0.605	1	A
4,4'-DDE	ND		ug/kg	1.94	0.448	1	A
4,4'-DDD	ND		ug/kg	1.94	0.691	1	A
4,4'-DDT	ND		ug/kg	1.94	1.56	1	A
Endosulfan I	ND		ug/kg	1.94	0.458	1	A
Endosulfan II	ND		ug/kg	1.94	0.647	1	A
Endosulfan sulfate	ND		ug/kg	0.807	0.384	1	A
Methoxychlor	ND		ug/kg	3.63	1.13	1	A
Toxaphene	ND		ug/kg	36.3	10.2	1	A
cis-Chlordane	ND		ug/kg	2.42	0.675	1	A
trans-Chlordane	ND		ug/kg	2.42	0.639	1	A
Chlordane	ND		ug/kg	16.1	6.42	1	A

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-07 Date Collected: 10/06/25 10:10

Client ID: GZ-10 (6-8') Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**254**	Q	30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	105		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Lab Number: L2562994
Project Number: 41.0163476.00
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-07
Client ID: GZ-10 (6-8')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/06/25 10:10
Date Received: 10/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 10/10/25 13:42
Analyst: JAG
Percent Solids: 80%
Methylation Date: 10/09/25 20:01

Extraction Method: EPA 8151A
Extraction Date: 10/08/25 13:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	207	13.0	1	A
2,4,5-T	ND		ug/kg	207	6.40	1	A
2,4,5-TP (Silvex)	ND		ug/kg	207	5.50	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	78		30-150	A
DCAA	72		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2562994
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-08
Client ID: GZ-11 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Date Collected: 10/06/25 10:15
Date Received: 10/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/09/25 00:51
Analyst: JAG
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 10/08/25 00:32
Cleanup Method: EPA 3620B
Cleanup Date: 10/08/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/08/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.70	0.334	1	A
Lindane	ND		ug/kg	0.710	0.317	1	A
Alpha-BHC	ND		ug/kg	0.710	0.202	1	A
Beta-BHC	ND		ug/kg	1.70	0.646	1	A
Heptachlor	ND		ug/kg	0.852	0.382	1	A
Aldrin	ND		ug/kg	1.70	0.600	1	A
Heptachlor epoxide	ND		ug/kg	3.19	0.958	1	A
Endrin	ND		ug/kg	0.710	0.291	1	A
Endrin aldehyde	ND		ug/kg	2.13	0.745	1	A
Endrin ketone	ND		ug/kg	1.70	0.439	1	A
Dieldrin	ND		ug/kg	1.06	0.532	1	A
4,4'-DDE	1.59	J	ug/kg	1.70	0.394	1	A
4,4'-DDD	0.745	JIP	ug/kg	1.70	0.608	1	B
4,4'-DDT	ND		ug/kg	1.70	1.37	1	A
Endosulfan I	ND		ug/kg	1.70	0.402	1	A
Endosulfan II	ND		ug/kg	1.70	0.569	1	A
Endosulfan sulfate	ND		ug/kg	0.710	0.338	1	A
Methoxychlor	ND		ug/kg	3.19	0.994	1	A
Toxaphene	ND		ug/kg	31.9	8.94	1	A
cis-Chlordane	ND		ug/kg	2.13	0.593	1	A
trans-Chlordane	ND		ug/kg	2.13	0.562	1	A
Chlordane	ND		ug/kg	14.2	5.64	1	A

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-08 Date Collected: 10/06/25 10:15

Client ID: GZ-11 (0-2') Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	110		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	96		30-150	B
Decachlorobiphenyl	67		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Lab Number: L2562994
Project Number: 41.0163476.00
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-08
Client ID: GZ-11 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Date Collected: 10/06/25 10:15
Date Received: 10/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 10/11/25 03:19
Analyst: JAG
Percent Solids: 89%
Methylation Date: 10/10/25 19:54
Extraction Method: EPA 8151A
Extraction Date: 10/09/25 14:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	519	32.7	1	A
2,4,5-T	ND		ug/kg	519	16.1	1	A
2,4,5-TP (Silvex)	ND		ug/kg	519	13.8	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	64		30-150	A
DCAA	67		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2562994
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-09
Client ID: GZ-11 (2.5-4.5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/06/25 10:20
Date Received: 10/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/09/25 10:42
Analyst: DLP
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 10/08/25 00:32
Cleanup Method: EPA 3620B
Cleanup Date: 10/08/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/08/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.63	0.318	1	A
Lindane	ND		ug/kg	0.678	0.303	1	A
Alpha-BHC	ND		ug/kg	0.678	0.192	1	A
Beta-BHC	ND		ug/kg	1.63	0.617	1	A
Heptachlor	ND		ug/kg	0.813	0.365	1	A
Aldrin	ND		ug/kg	1.63	0.573	1	A
Heptachlor epoxide	ND		ug/kg	3.05	0.915	1	A
Endrin	ND		ug/kg	0.678	0.278	1	A
Endrin aldehyde	ND		ug/kg	2.03	0.712	1	A
Endrin ketone	ND		ug/kg	1.63	0.419	1	A
Dieldrin	ND		ug/kg	1.02	0.508	1	A
4,4'-DDE	ND		ug/kg	1.63	0.376	1	A
4,4'-DDD	ND		ug/kg	1.63	0.580	1	A
4,4'-DDT	ND		ug/kg	1.63	1.31	1	B
Endosulfan I	ND		ug/kg	1.63	0.384	1	A
Endosulfan II	ND	IP	ug/kg	1.63	0.544	1	B
Endosulfan sulfate	ND		ug/kg	0.678	0.323	1	A
Methoxychlor	ND		ug/kg	3.05	0.949	1	A
Toxaphene	ND		ug/kg	30.5	8.54	1	A
cis-Chlordane	ND		ug/kg	2.03	0.567	1	A
trans-Chlordane	ND		ug/kg	2.03	0.537	1	A
Chlordane	ND		ug/kg	13.6	5.39	1	A

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-09 Date Collected: 10/06/25 10:20

Client ID: GZ-11 (2.5-4.5') Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	86		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Lab Number: L2562994
Project Number: 41.0163476.00
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-09
Client ID: GZ-11 (2.5-4.5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/06/25 10:20
Date Received: 10/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 10/10/25 14:01
Analyst: JAG
Percent Solids: 95%
Methylation Date: 10/09/25 20:01

Extraction Method: EPA 8151A
Extraction Date: 10/08/25 13:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	172	10.8	1	A
2,4,5-T	ND		ug/kg	172	5.34	1	A
2,4,5-TP (Silvex)	ND		ug/kg	172	4.58	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	72		30-150	A
DCAA	66		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2562994
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-10
Client ID: GZ-15 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/06/25 12:05
Date Received: 10/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/09/25 10:53
Analyst: DLP
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 10/08/25 00:32
Cleanup Method: EPA 3620B
Cleanup Date: 10/08/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/08/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.67	0.327	1	A
Lindane	ND		ug/kg	0.696	0.311	1	A
Alpha-BHC	ND		ug/kg	0.696	0.198	1	A
Beta-BHC	ND		ug/kg	1.67	0.634	1	A
Heptachlor	ND		ug/kg	0.836	0.375	1	A
Aldrin	ND		ug/kg	1.67	0.588	1	A
Heptachlor epoxide	ND		ug/kg	3.13	0.940	1	A
Endrin	ND		ug/kg	0.696	0.286	1	A
Endrin aldehyde	ND		ug/kg	2.09	0.731	1	A
Endrin ketone	ND		ug/kg	1.67	0.430	1	A
Dieldrin	ND		ug/kg	1.04	0.522	1	A
4,4'-DDE	11.1		ug/kg	1.67	0.386	1	B
4,4'-DDD	0.894	J	ug/kg	1.67	0.596	1	A
4,4'-DDT	31.1		ug/kg	1.67	1.34	1	B
Endosulfan I	ND		ug/kg	1.67	0.395	1	A
Endosulfan II	ND		ug/kg	1.67	0.559	1	A
Endosulfan sulfate	ND		ug/kg	0.696	0.332	1	A
Methoxychlor	ND		ug/kg	3.13	0.975	1	A
Toxaphene	ND		ug/kg	31.3	8.78	1	A
cis-Chlordane	ND		ug/kg	2.09	0.582	1	A
trans-Chlordane	ND		ug/kg	2.09	0.552	1	A
Chlordane	ND		ug/kg	13.9	5.54	1	A

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-10 Date Collected: 10/06/25 12:05

Client ID: GZ-15 (0-2') Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	84		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Lab Number: L2562994
Project Number: 41.0163476.00
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-10
Client ID: GZ-15 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/06/25 12:05
Date Received: 10/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 10/09/25 22:00
Analyst: EJL
Percent Solids: 94%
Methylation Date: 10/09/25 17:30

Extraction Method: EPA 8151A
Extraction Date: 10/08/25 17:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	175	11.0	1	A
2,4,5-T	ND		ug/kg	175	5.43	1	A
2,4,5-TP (Silvex)	ND		ug/kg	175	4.66	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	91		30-150	A
DCAA	78		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2562994
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-11
Client ID: GZ-15 (3-5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/06/25 12:20
Date Received: 10/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/09/25 11:26
Analyst: DLP
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 10/08/25 00:34
Cleanup Method: EPA 3620B
Cleanup Date: 10/08/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/08/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.67	0.327	1	A
Lindane	ND		ug/kg	0.696	0.311	1	A
Alpha-BHC	ND		ug/kg	0.696	0.198	1	A
Beta-BHC	ND		ug/kg	1.67	0.633	1	A
Heptachlor	ND		ug/kg	0.835	0.374	1	A
Aldrin	ND		ug/kg	1.67	0.588	1	A
Heptachlor epoxide	ND		ug/kg	3.13	0.939	1	A
Endrin	ND		ug/kg	0.696	0.285	1	A
Endrin aldehyde	ND		ug/kg	2.09	0.730	1	A
Endrin ketone	ND		ug/kg	1.67	0.430	1	A
Dieldrin	ND		ug/kg	1.04	0.522	1	A
4,4'-DDE	ND		ug/kg	1.67	0.386	1	A
4,4'-DDD	ND		ug/kg	1.67	0.595	1	A
4,4'-DDT	ND		ug/kg	1.67	1.34	1	A
Endosulfan I	ND		ug/kg	1.67	0.394	1	A
Endosulfan II	ND		ug/kg	1.67	0.558	1	A
Endosulfan sulfate	ND		ug/kg	0.696	0.331	1	A
Methoxychlor	ND		ug/kg	3.13	0.974	1	A
Toxaphene	ND		ug/kg	31.3	8.76	1	A
cis-Chlordane	ND		ug/kg	2.09	0.582	1	A
trans-Chlordane	ND		ug/kg	2.09	0.551	1	A
Chlordane	ND		ug/kg	13.9	5.53	1	A

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-11 Date Collected: 10/06/25 12:20

Client ID: GZ-15 (3-5') Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	82		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Lab Number: L2562994
Project Number: 41.0163476.00
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-11
Client ID: GZ-15 (3-5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/06/25 12:20
Date Received: 10/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 10/10/25 14:21
Analyst: JAG
Percent Solids: 95%
Methylation Date: 10/09/25 20:01

Extraction Method: EPA 8151A
Extraction Date: 10/08/25 14:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	175	11.0	1	A
2,4,5-T	ND		ug/kg	175	5.42	1	A
2,4,5-TP (Silvex)	ND		ug/kg	175	4.65	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	82		30-150	A
DCAA	76		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2562994
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-12
Client ID: DUPLICATE-10-06-2025
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/06/25 00:00
Date Received: 10/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/09/25 11:37
Analyst: DLP
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 10/08/25 00:34
Cleanup Method: EPA 3620B
Cleanup Date: 10/08/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/08/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.75	0.343	1	A
Lindane	ND		ug/kg	0.729	0.326	1	A
Alpha-BHC	ND		ug/kg	0.729	0.207	1	A
Beta-BHC	ND		ug/kg	1.75	0.663	1	A
Heptachlor	ND		ug/kg	0.875	0.392	1	A
Aldrin	ND		ug/kg	1.75	0.616	1	A
Heptachlor epoxide	ND		ug/kg	3.28	0.984	1	A
Endrin	ND		ug/kg	0.729	0.299	1	A
Endrin aldehyde	ND		ug/kg	2.19	0.765	1	A
Endrin ketone	ND		ug/kg	1.75	0.450	1	A
Dieldrin	ND		ug/kg	1.09	0.547	1	A
4,4'-DDE	13.9		ug/kg	1.75	0.404	1	B
4,4'-DDD	2.04		ug/kg	1.75	0.624	1	A
4,4'-DDT	20.9		ug/kg	1.75	1.41	1	B
Endosulfan I	ND		ug/kg	1.75	0.413	1	A
Endosulfan II	ND		ug/kg	1.75	0.585	1	A
Endosulfan sulfate	ND		ug/kg	0.729	0.347	1	A
Methoxychlor	ND		ug/kg	3.28	1.02	1	A
Toxaphene	ND		ug/kg	32.8	9.18	1	A
cis-Chlordane	ND		ug/kg	2.19	0.609	1	A
trans-Chlordane	ND		ug/kg	2.19	0.577	1	A
Chlordane	ND		ug/kg	14.6	5.80	1	A

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-12 Date Collected: 10/06/25 00:00

Client ID: DUPLICATE-10-06-2025 Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	95		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Lab Number: L2562994
Project Number: 41.0163476.00
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-12
Client ID: DUPLICATE-10-06-2025
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/06/25 00:00
Date Received: 10/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 10/10/25 14:40
Analyst: JAG
Percent Solids: 88%
Methylation Date: 10/09/25 20:01

Extraction Method: EPA 8151A
Extraction Date: 10/08/25 14:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	188	11.8	1	A
2,4,5-T	ND		ug/kg	188	5.83	1	A
2,4,5-TP (Silvex)	ND		ug/kg	188	5.00	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	83		30-150	A
DCAA	74		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Lab Number: L2562994
Project Number: 41.0163476.00
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-15
Client ID: FIELD BLANK-2025-10-06
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/06/25 13:15
Date Received: 10/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 10/10/25 15:40
Analyst: AKM

Extraction Method: EPA 3510C
Extraction Date: 10/09/25 23:09

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.006	1	A
Lindane	ND		ug/l	0.014	0.005	1	A
Alpha-BHC	ND		ug/l	0.014	0.006	1	A
Beta-BHC	ND		ug/l	0.020	0.014	1	A
Heptachlor	ND		ug/l	0.014	0.005	1	A
Aldrin	ND		ug/l	0.014	0.005	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.005	1	A
Endrin	ND		ug/l	0.029	0.008	1	A
Endrin aldehyde	ND		ug/l	0.030	0.018	1	A
Endrin ketone	ND		ug/l	0.029	0.014	1	A
Dieldrin	ND		ug/l	0.029	0.004	1	A
4,4'-DDE	ND		ug/l	0.029	0.010	1	A
4,4'-DDD	ND		ug/l	0.029	0.010	1	A
4,4'-DDT	ND		ug/l	0.029	0.024	1	A
Endosulfan I	ND		ug/l	0.014	0.005	1	A
Endosulfan II	ND		ug/l	0.029	0.008	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.007	1	A
Methoxychlor	ND		ug/l	0.143	0.014	1	A
Toxaphene	ND		ug/l	0.200	0.150	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.011	1	A
Chlordane	ND		ug/l	0.143	0.098	1	A

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-15 Date Collected: 10/06/25 13:15

Client ID: FIELD BLANK-2025-10-06 Date Received: 10/06/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	99		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	97		30-150	B
Decachlorobiphenyl	74		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Lab Number: L2562994
Project Number: 41.0163476.00
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-15
Client ID: FIELD BLANK-2025-10-06
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/06/25 13:15
Date Received: 10/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 10/09/25 13:27
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 10/08/25 14:27

Methylation Date: 10/08/25 23:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	72		30-150	A
DCAA	72		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2562994
Report Date: 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/08/25 22:22
Analyst: JAG

Extraction Method: EPA 3546
Extraction Date: 10/08/25 00:32
Cleanup Method: EPA 3620B
Cleanup Date: 10/08/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/08/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-12 Batch: WG2124889-1						
Delta-BHC	ND		ug/kg	1.52	0.297	A
Lindane	ND		ug/kg	0.631	0.282	A
Alpha-BHC	ND		ug/kg	0.631	0.179	A
Beta-BHC	ND		ug/kg	1.52	0.574	A
Heptachlor	ND		ug/kg	0.758	0.340	A
Aldrin	ND		ug/kg	1.52	0.533	A
Heptachlor epoxide	ND		ug/kg	2.84	0.852	A
Endrin	ND		ug/kg	0.631	0.259	A
Endrin aldehyde	ND		ug/kg	1.89	0.663	A
Endrin ketone	ND		ug/kg	1.52	0.390	A
Dieldrin	ND		ug/kg	0.947	0.473	A
4,4'-DDE	ND		ug/kg	1.52	0.350	A
4,4'-DDD	ND		ug/kg	1.52	0.540	A
4,4'-DDT	ND		ug/kg	1.52	1.22	A
Endosulfan I	ND		ug/kg	1.52	0.358	A
Endosulfan II	ND		ug/kg	1.52	0.506	A
Endosulfan sulfate	ND		ug/kg	0.631	0.300	A
Methoxychlor	ND		ug/kg	2.84	0.884	A
Toxaphene	ND		ug/kg	28.4	7.95	A
cis-Chlordane	ND		ug/kg	1.89	0.528	A
trans-Chlordane	ND		ug/kg	1.89	0.500	A
Chlordane	ND		ug/kg	12.6	5.02	A

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2562994
Report Date: 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/08/25 22:22
Analyst: JAG

Extraction Method: EPA 3546
Extraction Date: 10/08/25 00:32
Cleanup Method: EPA 3620B
Cleanup Date: 10/08/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/08/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-12 Batch: WG2124889-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	87		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	90		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2562994
Report Date: 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 10/09/25 22:54
Analyst: PEG

Extraction Method: EPA 8151A
Extraction Date: 10/08/25 13:33

Methylation Date: 10/09/25 17:15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01-07,09,11-12 Batch: WG2125197-1						
2,4-D	ND		ug/kg	165	10.4	A
2,4,5-T	ND		ug/kg	165	5.12	A
2,4,5-TP (Silvex)	ND		ug/kg	165	4.39	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	86		30-150	A
DCAA	82		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2562994
Report Date: 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 10/09/25 11:35
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 10/08/25 14:20

Methylation Date: 10/08/25 23:43

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 15 Batch: WG2125255-1						
2,4-D	ND		ug/l	10.0	0.498	A
2,4,5-T	ND		ug/l	2.00	0.531	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	85		30-150	A
DCAA	86		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2562994
Report Date: 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 10/09/25 21:06
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 10/08/25 17:28

Methylation Date: 10/09/25 17:30

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 08,10 Batch: WG2125362-1						
2,4-D	ND		ug/kg	163	10.3	A
2,4,5-T	ND		ug/kg	163	5.05	A
2,4,5-TP (Silvex)	ND		ug/kg	163	4.33	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	94		30-150	A
DCAA	85		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/10/25 15:03
Analyst: AKM

Extraction Method: EPA 3510C
Extraction Date: 10/09/25 23:09

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 15 Batch: WG2125988-1						
Delta-BHC	ND		ug/l	0.014	0.006	A
Lindane	ND		ug/l	0.014	0.005	A
Alpha-BHC	ND		ug/l	0.014	0.006	A
Beta-BHC	ND		ug/l	0.020	0.014	A
Heptachlor	ND		ug/l	0.014	0.005	A
Aldrin	ND		ug/l	0.014	0.005	A
Heptachlor epoxide	ND		ug/l	0.014	0.005	A
Endrin	ND		ug/l	0.029	0.008	A
Endrin aldehyde	ND		ug/l	0.030	0.018	A
Endrin ketone	ND		ug/l	0.029	0.014	A
Dieldrin	ND		ug/l	0.029	0.004	A
4,4'-DDE	ND		ug/l	0.029	0.010	A
4,4'-DDD	ND		ug/l	0.029	0.010	A
4,4'-DDT	ND		ug/l	0.029	0.024	A
Endosulfan I	ND		ug/l	0.014	0.005	A
Endosulfan II	ND		ug/l	0.029	0.008	A
Endosulfan sulfate	ND		ug/l	0.029	0.007	A
Methoxychlor	ND		ug/l	0.143	0.014	A
Toxaphene	ND		ug/l	0.200	0.150	A
cis-Chlordane	ND		ug/l	0.020	0.007	A
trans-Chlordane	ND		ug/l	0.020	0.011	A
Chlordane	ND		ug/l	0.143	0.098	A

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2562994
Report Date: 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/10/25 15:03
Analyst: AKM

Extraction Method: EPA 3510C
Extraction Date: 10/09/25 23:09

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 15 Batch: WG2125988-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	87		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	79		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-12 Batch: WG2124889-2 WG2124889-3									
Delta-BHC	93		92		30-150	1		30	A
Lindane	94		94		30-150	0		30	A
Alpha-BHC	92		91		30-150	1		30	A
Beta-BHC	97		97		30-150	0		30	A
Heptachlor	94		95		30-150	1		30	A
Aldrin	93		93		30-150	0		30	A
Heptachlor epoxide	88		88		30-150	0		30	A
Endrin	99		96		30-150	3		30	A
Endrin aldehyde	84		82		30-150	2		30	A
Endrin ketone	96		94		30-150	2		30	A
Dieldrin	99		97		30-150	2		30	A
4,4'-DDE	96		95		30-150	1		30	A
4,4'-DDD	100		97		30-150	3		30	A
4,4'-DDT	101		97		30-150	4		30	A
Endosulfan I	97		97		30-150	0		30	A
Endosulfan II	116		112		30-150	4		30	A
Endosulfan sulfate	91		91		30-150	0		30	A
Methoxychlor	103		101		30-150	2		30	A
cis-Chlordane	89		89		30-150	0		30	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-12 Batch: WG2124889-2 WG2124889-3									
trans-Chlordane	90		90		30-150	0		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	90		91		30-150	A
Decachlorobiphenyl	76		75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		85		30-150	B
Decachlorobiphenyl	100		97		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-07,09,11-12 Batch: WG2125197-2 WG2125197-3									
2,4-D	97		89		30-150	9		30	A
2,4,5-T	92		86		30-150	7		30	A
2,4,5-TP (Silvex)	95		88		30-150	8		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	90		85		30-150	A
DCAA	97		91		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 15 Batch: WG2125255-2 WG2125255-3									
2,4-D	83		81		30-150	2		25	A
2,4,5-T	91		94		30-150	3		25	A
2,4,5-TP (Silvex)	93		119		30-150	25		25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	80		81		30-150	A
DCAA	95		95		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 08,10 Batch: WG2125362-2 WG2125362-3									
2,4-D	102		106		30-150	4		30	A
2,4,5-T	102		105		30-150	3		30	A
2,4,5-TP (Silvex)	99		101		30-150	2		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	96		95		30-150	A
DCAA	93		90		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 15 Batch: WG2125988-2 WG2125988-3									
Delta-BHC	79		86		30-150	8		20	A
Lindane	90		97		30-150	7		20	A
Alpha-BHC	87		92		30-150	6		20	A
Beta-BHC	92		100		30-150	8		20	A
Heptachlor	83		90		30-150	9		20	A
Aldrin	80		88		30-150	9		20	A
Heptachlor epoxide	92		99		30-150	8		20	A
Endrin	93		100		30-150	7		20	A
Endrin aldehyde	76		82		30-150	8		20	A
Endrin ketone	92		99		30-150	8		20	A
Dieldrin	94		101		30-150	7		20	A
4,4'-DDE	88		96		30-150	8		20	A
4,4'-DDD	97		104		30-150	7		20	A
4,4'-DDT	93		100		30-150	7		20	A
Endosulfan I	92		99		30-150	7		20	A
Endosulfan II	111		119		30-150	7		20	A
Endosulfan sulfate	86		93		30-150	8		20	A
Methoxychlor	99		110		30-150	10		20	A
cis-Chlordane	83		90		30-150	7		20	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 15 Batch: WG2125988-2 WG2125988-3									
trans-Chlordane	85		93		30-150	9		20	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	89		94		30-150	A
Decachlorobiphenyl	75		81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		89		30-150	B
Decachlorobiphenyl	83		89		30-150	B

Matrix Spike Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2562994
Report Date: 10/21/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-12 QC Batch ID: WG2124889-4 WG2124889-5 QC Sample: L2562994-10 Client ID: GZ-15 (0-2')													
Delta-BHC	ND	34.1	25.1	74		25.8	74		30-150	3		50	A
Lindane	ND	34.1	25.8	76		26.4	76		30-150	2		50	A
Alpha-BHC	ND	34.1	26.2	77		26.8	77		30-150	2		50	A
Beta-BHC	ND	34.1	26.9	79		27.0	78		30-150	0		50	A
Heptachlor	ND	34.1	26.2	77		26.6	77		30-150	2		50	A
Aldrin	ND	34.1	24.8	73		25.7	74		30-150	4		50	A
Heptachlor epoxide	ND	34.1	23.8	70		24.5	71		30-150	3		50	A
Endrin	ND	34.1	25.1	74		26.2	75		30-150	4		50	A
Endrin aldehyde	ND	34.1	24.5	72		24.4	70		30-150	0		50	A
Endrin ketone	ND	34.1	23.6	69		24.2	70		30-150	3		50	A
Dieldrin	ND	34.1	25.3	74		25.9	75		30-150	2		50	A
4,4'-DDE	11.1	34.1	34.7	69		40.4	84		30-150	15		50	B
4,4'-DDD	0.894J	34.1	25.6	75		26.0	75		30-150	2		50	A
4,4'-DDT	31.1	34.1	49.8	55		61.4	87		30-150	21		50	B
Endosulfan I	ND	34.1	27.0	79		29.1	84		30-150	7		50	A
Endosulfan II	ND	34.1	29.1	85		30.0	86		30-150	3		50	A
Endosulfan sulfate	ND	34.1	25.3	74		25.6	74		30-150	1		50	A
Methoxychlor	ND	34.1	33.6	99		35.0	101		30-150	4		50	A
cis-Chlordane	ND	34.1	24.2	71		24.9	72		30-150	3		50	A

Matrix Spike Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2562994
Report Date: 10/21/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-12 QC Batch ID: WG2124889-4 WG2124889-5 QC Sample: L2562994-10 Client ID: GZ-15 (0-2')													
trans-Chlordane	ND	34.1	23.4	69		24.2	70		30-150	3		50	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		70		30-150	A
Decachlorobiphenyl	65		67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		79		30-150	B
Decachlorobiphenyl	85		90		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT

Project Number: 41.0163476.00

Lab Number: L2562994

Report Date: 10/21/25

Parameter	*Native Sample*	*MS Added*	*MS Found*	*MS %Recovery*	*Qual*	*MSD Found*	*MSD %Recovery*	*Qual*	*Recovery Limits*	*RPD*	*Qual*	*RPD Limits*	*Column*
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 08,10 QC Batch ID: WG2125362-4 WG2125362-5 QC Sample: L2562994-10 Client ID: GZ-15 (0-2')													
2,4-D	ND	176	167J	95		190	107		30-150	13		30	A
2,4,5-T	ND	176	179	102		200	113		30-150	11		30	A
2,4,5-TP (Silvex)	ND	176	170J	97		189	107		30-150	11		30	A

Surrogate	*MS % Recovery*	*MS Qualifier*	*MSD % Recovery*	*MSD Qualifier*	*Acceptance Criteria*	*Column*
DCAA	96		108		30-150	A
DCAA	89		100		30-150	B

METALS

Project Name: OCEAN BAY REDEVELOPMENT
Lab Number: L2562994
Project Number: 41.0163476.00
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-01
Client ID: GZ-06 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Sample Depth:
Matrix: Soil
Percent Solids: 96%

Date Collected: 10/06/25 12:45
Date Received: 10/06/25
Field Prep: Not Specified

Total Metals - Mansfield Lab

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Aluminum, Total	1150		mg/kg	7.93	2.58	2	10/08/25 23:48	10/13/25 11:35	EPA 3050B	1,6010D	MRP
Antimony, Total	ND		mg/kg	3.96	3.05	2	10/08/25 23:48	10/13/25 11:35	EPA 3050B	1,6010D	MRP
Arsenic, Total	0.819		mg/kg	0.793	0.342	2	10/08/25 23:48	10/13/25 11:35	EPA 3050B	1,6010D	MRP
Barium, Total	9.04		mg/kg	0.793	0.084	2	10/08/25 23:48	10/13/25 11:35	EPA 3050B	1,6010D	MRP
Beryllium, Total	ND		mg/kg	0.396	0.044	2	10/08/25 23:48	10/13/25 11:35	EPA 3050B	1,6010D	MRP
Cadmium, Total	0.050	J	mg/kg	0.793	0.044	2	10/08/25 23:48	10/13/25 11:35	EPA 3050B	1,6010D	MRP
Calcium, Total	630		mg/kg	7.93	4.50	2	10/08/25 23:48	10/13/25 11:35	EPA 3050B	1,6010D	MRP
Chromium, Total	3.83		mg/kg	0.793	0.672	2	10/08/25 23:48	10/13/25 11:35	EPA 3050B	1,6010D	MRP
Cobalt, Total	0.607	J	mg/kg	1.58	0.197	2	10/08/25 23:48	10/13/25 11:35	EPA 3050B	1,6010D	MRP
Copper, Total	3.06		mg/kg	0.793	0.180	2	10/08/25 23:48	10/13/25 11:35	EPA 3050B	1,6010D	MRP
Iron, Total	2600		mg/kg	3.96	0.832	2	10/08/25 23:48	10/13/25 11:35	EPA 3050B	1,6010D	MRP
Lead, Total	7.94		mg/kg	3.96	0.189	2	10/08/25 23:48	10/13/25 11:35	EPA 3050B	1,6010D	MRP
Magnesium, Total	567		mg/kg	7.93	1.29	2	10/08/25 23:48	10/13/25 11:35	EPA 3050B	1,6010D	MRP
Manganese, Total	16.9		mg/kg	0.793	0.425	2	10/08/25 23:48	10/13/25 11:35	EPA 3050B	1,6010D	MRP
Mercury, Total	ND		mg/kg	0.074	0.049	1	10/09/25 00:59	10/11/25 16:24	EPA 7471B	1,7471B	CME
Nickel, Total	2.21		mg/kg	1.98	0.640	2	10/08/25 23:48	10/13/25 11:35	EPA 3050B	1,6010D	MRP
Potassium, Total	357		mg/kg	198	40.2	2	10/08/25 23:48	10/13/25 11:35	EPA 3050B	1,6010D	MRP
Selenium, Total	ND		mg/kg	1.58	0.261	2	10/08/25 23:48	10/13/25 11:35	EPA 3050B	1,6010D	MRP
Silver, Total	ND		mg/kg	0.396	0.236	2	10/08/25 23:48	10/13/25 11:35	EPA 3050B	1,6010D	MRP
Sodium, Total	ND		mg/kg	158	84.0	2	10/08/25 23:48	10/13/25 11:35	EPA 3050B	1,6010D	MRP
Thallium, Total	ND		mg/kg	1.58	0.715	2	10/08/25 23:48	10/13/25 11:35	EPA 3050B	1,6010D	MRP
Vanadium, Total	5.20		mg/kg	0.793	0.120	2	10/08/25 23:48	10/13/25 11:35	EPA 3050B	1,6010D	MRP
Zinc, Total	18.7		mg/kg	3.96	0.480	2	10/08/25 23:48	10/13/25 11:35	EPA 3050B	1,6010D	MRP

Project Name: OCEAN BAY REDEVELOPMENT
Lab Number: L2562994
Project Number: 41.0163476.00
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-02
Client ID: GZ-06 (2.5-4.5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Sample Depth:
Matrix: Soil
Percent Solids: 96%

Date Collected: 10/06/25 12:50
Date Received: 10/06/25
Field Prep: Not Specified

Total Metals - Mansfield Lab

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Aluminum, Total	915		mg/kg	8.34	2.71	2	10/08/25 23:48	10/13/25 11:39	EPA 3050B	1,6010D	MRP
Antimony, Total	ND		mg/kg	4.17	3.21	2	10/08/25 23:48	10/13/25 11:39	EPA 3050B	1,6010D	MRP
Arsenic, Total	ND		mg/kg	0.834	0.360	2	10/08/25 23:48	10/13/25 11:39	EPA 3050B	1,6010D	MRP
Barium, Total	5.58		mg/kg	0.834	0.088	2	10/08/25 23:48	10/13/25 11:39	EPA 3050B	1,6010D	MRP
Beryllium, Total	ND		mg/kg	0.417	0.046	2	10/08/25 23:48	10/13/25 11:39	EPA 3050B	1,6010D	MRP
Cadmium, Total	ND		mg/kg	0.834	0.046	2	10/08/25 23:48	10/13/25 11:39	EPA 3050B	1,6010D	MRP
Calcium, Total	250		mg/kg	8.34	4.73	2	10/08/25 23:48	10/13/25 11:39	EPA 3050B	1,6010D	MRP
Chromium, Total	3.64		mg/kg	0.834	0.708	2	10/08/25 23:48	10/13/25 11:39	EPA 3050B	1,6010D	MRP
Cobalt, Total	0.408	J	mg/kg	1.67	0.207	2	10/08/25 23:48	10/13/25 11:39	EPA 3050B	1,6010D	MRP
Copper, Total	2.28		mg/kg	0.834	0.189	2	10/08/25 23:48	10/13/25 11:39	EPA 3050B	1,6010D	MRP
Iron, Total	1670		mg/kg	4.17	0.876	2	10/08/25 23:48	10/13/25 11:39	EPA 3050B	1,6010D	MRP
Lead, Total	1.09	J	mg/kg	4.17	0.198	2	10/08/25 23:48	10/13/25 11:39	EPA 3050B	1,6010D	MRP
Magnesium, Total	354		mg/kg	8.34	1.36	2	10/08/25 23:48	10/13/25 11:39	EPA 3050B	1,6010D	MRP
Manganese, Total	11.6		mg/kg	0.834	0.447	2	10/08/25 23:48	10/13/25 11:39	EPA 3050B	1,6010D	MRP
Mercury, Total	ND		mg/kg	0.078	0.051	1	10/09/25 00:59	10/11/25 16:28	EPA 7471B	1,7471B	CME
Nickel, Total	1.60	J	mg/kg	2.08	0.674	2	10/08/25 23:48	10/13/25 11:39	EPA 3050B	1,6010D	MRP
Potassium, Total	321		mg/kg	208	42.3	2	10/08/25 23:48	10/13/25 11:39	EPA 3050B	1,6010D	MRP
Selenium, Total	ND		mg/kg	1.67	0.274	2	10/08/25 23:48	10/13/25 11:39	EPA 3050B	1,6010D	MRP
Silver, Total	ND		mg/kg	0.417	0.249	2	10/08/25 23:48	10/13/25 11:39	EPA 3050B	1,6010D	MRP
Sodium, Total	ND		mg/kg	167	88.4	2	10/08/25 23:48	10/13/25 11:39	EPA 3050B	1,6010D	MRP
Thallium, Total	ND		mg/kg	1.67	0.752	2	10/08/25 23:48	10/13/25 11:39	EPA 3050B	1,6010D	MRP
Vanadium, Total	3.53		mg/kg	0.834	0.126	2	10/08/25 23:48	10/13/25 11:39	EPA 3050B	1,6010D	MRP
Zinc, Total	5.10		mg/kg	4.17	0.506	2	10/08/25 23:48	10/13/25 11:39	EPA 3050B	1,6010D	MRP

Project Name: OCEAN BAY REDEVELOPMENT
Lab Number: L2562994
Project Number: 41.0163476.00
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-03
Client ID: GZ-07 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Sample Depth:
Matrix: Soil
Percent Solids: 95%

Date Collected: 10/06/25 11:30
Date Received: 10/06/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5600		mg/kg	8.11	2.64	2	10/08/25 23:48	10/13/25 11:42	EPA 3050B	1,6010D	MRP
Antimony, Total	ND		mg/kg	4.05	3.12	2	10/08/25 23:48	10/13/25 11:42	EPA 3050B	1,6010D	MRP
Arsenic, Total	15.7		mg/kg	0.811	0.350	2	10/08/25 23:48	10/13/25 11:42	EPA 3050B	1,6010D	MRP
Barium, Total	41.5		mg/kg	0.811	0.086	2	10/08/25 23:48	10/13/25 11:42	EPA 3050B	1,6010D	MRP
Beryllium, Total	0.230	J	mg/kg	0.405	0.045	2	10/08/25 23:48	10/13/25 11:42	EPA 3050B	1,6010D	MRP
Cadmium, Total	0.257	J	mg/kg	0.811	0.045	2	10/08/25 23:48	10/13/25 11:42	EPA 3050B	1,6010D	MRP
Calcium, Total	5490		mg/kg	8.11	4.60	2	10/08/25 23:48	10/13/25 11:42	EPA 3050B	1,6010D	MRP
Chromium, Total	11.2		mg/kg	0.811	0.688	2	10/08/25 23:48	10/13/25 11:42	EPA 3050B	1,6010D	MRP
Cobalt, Total	2.42		mg/kg	1.62	0.201	2	10/08/25 23:48	10/13/25 11:42	EPA 3050B	1,6010D	MRP
Copper, Total	26.8		mg/kg	0.811	0.184	2	10/08/25 23:48	10/13/25 11:42	EPA 3050B	1,6010D	MRP
Iron, Total	9300		mg/kg	4.05	0.851	2	10/08/25 23:48	10/13/25 11:42	EPA 3050B	1,6010D	MRP
Lead, Total	78.2		mg/kg	4.05	0.193	2	10/08/25 23:48	10/13/25 11:42	EPA 3050B	1,6010D	MRP
Magnesium, Total	1570		mg/kg	8.11	1.32	2	10/08/25 23:48	10/13/25 11:42	EPA 3050B	1,6010D	MRP
Manganese, Total	130		mg/kg	0.811	0.435	2	10/08/25 23:48	10/13/25 11:42	EPA 3050B	1,6010D	MRP
Mercury, Total	0.202		mg/kg	0.076	0.050	1	10/09/25 00:59	10/11/25 16:31	EPA 7471B	1,7471B	CME
Nickel, Total	7.74		mg/kg	2.03	0.655	2	10/08/25 23:48	10/13/25 11:42	EPA 3050B	1,6010D	MRP
Potassium, Total	291		mg/kg	203	41.1	2	10/08/25 23:48	10/13/25 11:42	EPA 3050B	1,6010D	MRP
Selenium, Total	ND		mg/kg	1.62	0.267	2	10/08/25 23:48	10/13/25 11:42	EPA 3050B	1,6010D	MRP
Silver, Total	ND		mg/kg	0.405	0.242	2	10/08/25 23:48	10/13/25 11:42	EPA 3050B	1,6010D	MRP
Sodium, Total	ND		mg/kg	162	86.0	2	10/08/25 23:48	10/13/25 11:42	EPA 3050B	1,6010D	MRP
Thallium, Total	ND		mg/kg	1.62	0.731	2	10/08/25 23:48	10/13/25 11:42	EPA 3050B	1,6010D	MRP
Vanadium, Total	17.2		mg/kg	0.811	0.122	2	10/08/25 23:48	10/13/25 11:42	EPA 3050B	1,6010D	MRP
Zinc, Total	57.8		mg/kg	4.05	0.491	2	10/08/25 23:48	10/13/25 11:42	EPA 3050B	1,6010D	MRP

Project Name: OCEAN BAY REDEVELOPMENT
Lab Number: L2562994
Project Number: 41.0163476.00
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-04
Client ID: GZ-07 (3-5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Sample Depth:
Matrix: Soil
Percent Solids: 87%

Date Collected: 10/06/25 11:35
Date Received: 10/06/25
Field Prep: Not Specified

Total Metals - Mansfield Lab

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Aluminum, Total	901		mg/kg	9.01	2.93	2	10/08/25 23:48	10/13/25 11:46	EPA 3050B	1,6010D	MRP
Antimony, Total	ND		mg/kg	4.50	3.47	2	10/08/25 23:48	10/13/25 11:46	EPA 3050B	1,6010D	MRP
Arsenic, Total	ND		mg/kg	0.901	0.389	2	10/08/25 23:48	10/13/25 11:46	EPA 3050B	1,6010D	MRP
Barium, Total	6.52		mg/kg	0.901	0.096	2	10/08/25 23:48	10/13/25 11:46	EPA 3050B	1,6010D	MRP
Beryllium, Total	ND		mg/kg	0.450	0.050	2	10/08/25 23:48	10/13/25 11:46	EPA 3050B	1,6010D	MRP
Cadmium, Total	ND		mg/kg	0.901	0.050	2	10/08/25 23:48	10/13/25 11:46	EPA 3050B	1,6010D	MRP
Calcium, Total	273		mg/kg	9.01	5.11	2	10/08/25 23:48	10/13/25 11:46	EPA 3050B	1,6010D	MRP
Chromium, Total	3.08		mg/kg	0.901	0.764	2	10/08/25 23:48	10/13/25 11:46	EPA 3050B	1,6010D	MRP
Cobalt, Total	0.402	J	mg/kg	1.80	0.223	2	10/08/25 23:48	10/13/25 11:46	EPA 3050B	1,6010D	MRP
Copper, Total	1.16		mg/kg	0.901	0.204	2	10/08/25 23:48	10/13/25 11:46	EPA 3050B	1,6010D	MRP
Iron, Total	1790		mg/kg	4.50	0.946	2	10/08/25 23:48	10/13/25 11:46	EPA 3050B	1,6010D	MRP
Lead, Total	3.58	J	mg/kg	4.50	0.214	2	10/08/25 23:48	10/13/25 11:46	EPA 3050B	1,6010D	MRP
Magnesium, Total	348		mg/kg	9.01	1.47	2	10/08/25 23:48	10/13/25 11:46	EPA 3050B	1,6010D	MRP
Manganese, Total	11.8		mg/kg	0.901	0.483	2	10/08/25 23:48	10/13/25 11:46	EPA 3050B	1,6010D	MRP
Mercury, Total	ND		mg/kg	0.083	0.054	1	10/09/25 00:59	10/11/25 16:34	EPA 7471B	1,7471B	CME
Nickel, Total	1.50	J	mg/kg	2.25	0.728	2	10/08/25 23:48	10/13/25 11:46	EPA 3050B	1,6010D	MRP
Potassium, Total	217	J	mg/kg	225	45.7	2	10/08/25 23:48	10/13/25 11:46	EPA 3050B	1,6010D	MRP
Selenium, Total	ND		mg/kg	1.80	0.296	2	10/08/25 23:48	10/13/25 11:46	EPA 3050B	1,6010D	MRP
Silver, Total	ND		mg/kg	0.450	0.268	2	10/08/25 23:48	10/13/25 11:46	EPA 3050B	1,6010D	MRP
Sodium, Total	ND		mg/kg	180	95.5	2	10/08/25 23:48	10/13/25 11:46	EPA 3050B	1,6010D	MRP
Thallium, Total	ND		mg/kg	1.80	0.813	2	10/08/25 23:48	10/13/25 11:46	EPA 3050B	1,6010D	MRP
Vanadium, Total	3.63		mg/kg	0.901	0.136	2	10/08/25 23:48	10/13/25 11:46	EPA 3050B	1,6010D	MRP
Zinc, Total	3.62	J	mg/kg	4.50	0.546	2	10/08/25 23:48	10/13/25 11:46	EPA 3050B	1,6010D	MRP

Project Name: OCEAN BAY REDEVELOPMENT
Lab Number: L2562994
Project Number: 41.0163476.00
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-05
Client ID: GZ-10 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Sample Depth:
Matrix: Soil
Percent Solids: 88%

Date Collected: 10/06/25 10:00
Date Received: 10/06/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	1790		mg/kg	8.94	2.90	2	10/08/25 23:48	10/13/25 11:49	EPA 3050B	1,6010D	MRP
Antimony, Total	ND		mg/kg	4.47	3.44	2	10/08/25 23:48	10/13/25 11:49	EPA 3050B	1,6010D	MRP
Arsenic, Total	2.56		mg/kg	0.894	0.386	2	10/08/25 23:48	10/13/25 11:49	EPA 3050B	1,6010D	MRP
Barium, Total	25.5		mg/kg	0.894	0.095	2	10/08/25 23:48	10/13/25 11:49	EPA 3050B	1,6010D	MRP
Beryllium, Total	0.097	J	mg/kg	0.447	0.049	2	10/08/25 23:48	10/13/25 11:49	EPA 3050B	1,6010D	MRP
Cadmium, Total	ND		mg/kg	0.894	0.049	2	10/08/25 23:48	10/13/25 11:49	EPA 3050B	1,6010D	MRP
Calcium, Total	11200		mg/kg	8.94	5.07	2	10/08/25 23:48	10/13/25 11:49	EPA 3050B	1,6010D	MRP
Chromium, Total	5.60		mg/kg	0.894	0.758	2	10/08/25 23:48	10/13/25 11:49	EPA 3050B	1,6010D	MRP
Cobalt, Total	0.991	J	mg/kg	1.79	0.222	2	10/08/25 23:48	10/13/25 11:49	EPA 3050B	1,6010D	MRP
Copper, Total	8.26		mg/kg	0.894	0.203	2	10/08/25 23:48	10/13/25 11:49	EPA 3050B	1,6010D	MRP
Iron, Total	3800		mg/kg	4.47	0.938	2	10/08/25 23:48	10/13/25 11:49	EPA 3050B	1,6010D	MRP
Lead, Total	48.9		mg/kg	4.47	0.213	2	10/08/25 23:48	10/13/25 11:49	EPA 3050B	1,6010D	MRP
Magnesium, Total	1470		mg/kg	8.94	1.46	2	10/08/25 23:48	10/13/25 11:49	EPA 3050B	1,6010D	MRP
Manganese, Total	28.7		mg/kg	0.894	0.479	2	10/08/25 23:48	10/13/25 11:49	EPA 3050B	1,6010D	MRP
Mercury, Total	ND		mg/kg	0.091	0.059	1	10/09/25 00:59	10/11/25 16:44	EPA 7471B	1,7471B	CME
Nickel, Total	2.96		mg/kg	2.23	0.722	2	10/08/25 23:48	10/13/25 11:49	EPA 3050B	1,6010D	MRP
Potassium, Total	370		mg/kg	223	45.3	2	10/08/25 23:48	10/13/25 11:49	EPA 3050B	1,6010D	MRP
Selenium, Total	0.301	J	mg/kg	1.79	0.294	2	10/08/25 23:48	10/13/25 11:49	EPA 3050B	1,6010D	MRP
Silver, Total	ND		mg/kg	0.447	0.266	2	10/08/25 23:48	10/13/25 11:49	EPA 3050B	1,6010D	MRP
Sodium, Total	160	J	mg/kg	179	94.7	2	10/08/25 23:48	10/13/25 11:49	EPA 3050B	1,6010D	MRP
Thallium, Total	ND		mg/kg	1.79	0.806	2	10/08/25 23:48	10/13/25 11:49	EPA 3050B	1,6010D	MRP
Vanadium, Total	7.07		mg/kg	0.894	0.135	2	10/08/25 23:48	10/13/25 11:49	EPA 3050B	1,6010D	MRP
Zinc, Total	19.3		mg/kg	4.47	0.542	2	10/08/25 23:48	10/13/25 11:49	EPA 3050B	1,6010D	MRP

Project Name: OCEAN BAY REDEVELOPMENT
Lab Number: L2562994
Project Number: 41.0163476.00
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-06
Client ID: GZ-10 (2.5-4.5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Sample Depth:
Matrix: Soil
Percent Solids: 92%

Date Collected: 10/06/25 10:05
Date Received: 10/06/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	1380		mg/kg	8.65	2.81	2	10/08/25 23:48	10/13/25 11:53	EPA 3050B	1,6010D	MRP
Antimony, Total	ND		mg/kg	4.33	3.33	2	10/08/25 23:48	10/13/25 11:53	EPA 3050B	1,6010D	MRP
Arsenic, Total	1.42		mg/kg	0.865	0.374	2	10/08/25 23:48	10/13/25 11:53	EPA 3050B	1,6010D	MRP
Barium, Total	9.25		mg/kg	0.865	0.092	2	10/08/25 23:48	10/13/25 11:53	EPA 3050B	1,6010D	MRP
Beryllium, Total	0.058	J	mg/kg	0.433	0.048	2	10/08/25 23:48	10/13/25 11:53	EPA 3050B	1,6010D	MRP
Cadmium, Total	ND		mg/kg	0.865	0.048	2	10/08/25 23:48	10/13/25 11:53	EPA 3050B	1,6010D	MRP
Calcium, Total	4230		mg/kg	8.65	4.91	2	10/08/25 23:48	10/13/25 11:53	EPA 3050B	1,6010D	MRP
Chromium, Total	10.2		mg/kg	0.865	0.734	2	10/08/25 23:48	10/13/25 11:53	EPA 3050B	1,6010D	MRP
Cobalt, Total	0.697	J	mg/kg	1.73	0.214	2	10/08/25 23:48	10/13/25 11:53	EPA 3050B	1,6010D	MRP
Copper, Total	3.28		mg/kg	0.865	0.196	2	10/08/25 23:48	10/13/25 11:53	EPA 3050B	1,6010D	MRP
Iron, Total	3380		mg/kg	4.33	0.908	2	10/08/25 23:48	10/13/25 11:53	EPA 3050B	1,6010D	MRP
Lead, Total	4.08	J	mg/kg	4.33	0.206	2	10/08/25 23:48	10/13/25 11:53	EPA 3050B	1,6010D	MRP
Magnesium, Total	755		mg/kg	8.65	1.41	2	10/08/25 23:48	10/13/25 11:53	EPA 3050B	1,6010D	MRP
Manganese, Total	21.8		mg/kg	0.865	0.464	2	10/08/25 23:48	10/13/25 11:53	EPA 3050B	1,6010D	MRP
Mercury, Total	ND		mg/kg	0.070	0.045	1	10/09/25 00:59	10/11/25 16:48	EPA 7471B	1,7471B	CME
Nickel, Total	2.37		mg/kg	2.16	0.699	2	10/08/25 23:48	10/13/25 11:53	EPA 3050B	1,6010D	MRP
Potassium, Total	313		mg/kg	216	43.9	2	10/08/25 23:48	10/13/25 11:53	EPA 3050B	1,6010D	MRP
Selenium, Total	ND		mg/kg	1.73	0.285	2	10/08/25 23:48	10/13/25 11:53	EPA 3050B	1,6010D	MRP
Silver, Total	ND		mg/kg	0.433	0.258	2	10/08/25 23:48	10/13/25 11:53	EPA 3050B	1,6010D	MRP
Sodium, Total	381		mg/kg	173	91.7	2	10/08/25 23:48	10/13/25 11:53	EPA 3050B	1,6010D	MRP
Thallium, Total	ND		mg/kg	1.73	0.780	2	10/08/25 23:48	10/13/25 11:53	EPA 3050B	1,6010D	MRP
Vanadium, Total	5.82		mg/kg	0.865	0.131	2	10/08/25 23:48	10/13/25 11:53	EPA 3050B	1,6010D	MRP
Zinc, Total	17.7		mg/kg	4.33	0.524	2	10/08/25 23:48	10/13/25 11:53	EPA 3050B	1,6010D	MRP

Project Name: OCEAN BAY REDEVELOPMENT
Lab Number: L2562994
Project Number: 41.0163476.00
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-07
Client ID: GZ-10 (6-8')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Sample Depth:
Matrix: Soil
Percent Solids: 80%

Date Collected: 10/06/25 10:10
Date Received: 10/06/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	933		mg/kg	9.64	3.13	2	10/09/25 07:51	10/12/25 18:04	EPA 3050B	1,6010D	MRP
Antimony, Total	ND		mg/kg	4.82	3.71	2	10/09/25 07:51	10/12/25 18:04	EPA 3050B	1,6010D	MRP
Arsenic, Total	0.762	J	mg/kg	0.964	0.417	2	10/09/25 07:51	10/12/25 18:04	EPA 3050B	1,6010D	MRP
Barium, Total	3.65		mg/kg	0.964	0.102	2	10/09/25 07:51	10/12/25 18:04	EPA 3050B	1,6010D	MRP
Beryllium, Total	ND		mg/kg	0.482	0.053	2	10/09/25 07:51	10/12/25 18:04	EPA 3050B	1,6010D	MRP
Cadmium, Total	0.127	J	mg/kg	0.964	0.053	2	10/09/25 07:51	10/12/25 18:04	EPA 3050B	1,6010D	MRP
Calcium, Total	183		mg/kg	9.64	5.47	2	10/09/25 07:51	10/12/25 18:04	EPA 3050B	1,6010D	MRP
Chromium, Total	2.62		mg/kg	0.964	0.818	2	10/09/25 07:51	10/12/25 18:04	EPA 3050B	1,6010D	MRP
Cobalt, Total	1.01	J	mg/kg	1.93	0.239	2	10/09/25 07:51	10/12/25 18:04	EPA 3050B	1,6010D	MRP
Copper, Total	1.82		mg/kg	0.964	0.219	2	10/09/25 07:51	10/12/25 18:04	EPA 3050B	1,6010D	MRP
Iron, Total	2560		mg/kg	4.82	1.01	2	10/09/25 07:51	10/12/25 18:04	EPA 3050B	1,6010D	MRP
Lead, Total	6.77		mg/kg	4.82	0.230	2	10/09/25 07:51	10/12/25 18:04	EPA 3050B	1,6010D	MRP
Magnesium, Total	540		mg/kg	9.64	1.57	2	10/09/25 07:51	10/12/25 18:04	EPA 3050B	1,6010D	MRP
Manganese, Total	17.4		mg/kg	0.964	0.517	2	10/09/25 07:51	10/12/25 18:04	EPA 3050B	1,6010D	MRP
Mercury, Total	ND		mg/kg	0.092	0.060	1	10/09/25 08:26	10/10/25 16:26	EPA 7471B	1,7471B	CME
Nickel, Total	2.04	J	mg/kg	2.41	0.779	2	10/09/25 07:51	10/12/25 18:04	EPA 3050B	1,6010D	MRP
Potassium, Total	333		mg/kg	241	48.9	2	10/09/25 07:51	10/12/25 18:04	EPA 3050B	1,6010D	MRP
Selenium, Total	ND		mg/kg	1.93	0.317	2	10/09/25 07:51	10/12/25 18:04	EPA 3050B	1,6010D	MRP
Silver, Total	ND		mg/kg	0.482	0.287	2	10/09/25 07:51	10/12/25 18:04	EPA 3050B	1,6010D	MRP
Sodium, Total	1980		mg/kg	193	102.	2	10/09/25 07:51	10/12/25 18:04	EPA 3050B	1,6010D	MRP
Thallium, Total	ND		mg/kg	1.93	0.870	2	10/09/25 07:51	10/12/25 18:04	EPA 3050B	1,6010D	MRP
Vanadium, Total	3.04		mg/kg	0.964	0.146	2	10/09/25 07:51	10/12/25 18:04	EPA 3050B	1,6010D	MRP
Zinc, Total	11.5		mg/kg	4.82	0.584	2	10/09/25 07:51	10/12/25 18:04	EPA 3050B	1,6010D	MRP

Project Name: OCEAN BAY REDEVELOPMENT
Lab Number: L2562994
Project Number: 41.0163476.00
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-08
Client ID: GZ-11 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Sample Depth:
Matrix: Soil
Percent Solids: 89%

Date Collected: 10/06/25 10:15
Date Received: 10/06/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	1340		mg/kg	8.75	2.84	2	10/09/25 07:51	10/12/25 18:08	EPA 3050B	1,6010D	MRP
Antimony, Total	ND		mg/kg	4.38	3.37	2	10/09/25 07:51	10/12/25 18:08	EPA 3050B	1,6010D	MRP
Arsenic, Total	1.30		mg/kg	0.875	0.378	2	10/09/25 07:51	10/12/25 18:08	EPA 3050B	1,6010D	MRP
Barium, Total	19.5		mg/kg	0.875	0.093	2	10/09/25 07:51	10/12/25 18:08	EPA 3050B	1,6010D	MRP
Beryllium, Total	ND		mg/kg	0.438	0.048	2	10/09/25 07:51	10/12/25 18:08	EPA 3050B	1,6010D	MRP
Cadmium, Total	0.084	J	mg/kg	0.875	0.048	2	10/09/25 07:51	10/12/25 18:08	EPA 3050B	1,6010D	MRP
Calcium, Total	25400		mg/kg	8.75	4.96	2	10/09/25 07:51	10/12/25 18:08	EPA 3050B	1,6010D	MRP
Chromium, Total	4.44		mg/kg	0.875	0.742	2	10/09/25 07:51	10/12/25 18:08	EPA 3050B	1,6010D	MRP
Cobalt, Total	1.10	J	mg/kg	1.75	0.217	2	10/09/25 07:51	10/12/25 18:08	EPA 3050B	1,6010D	MRP
Copper, Total	16.9		mg/kg	0.875	0.199	2	10/09/25 07:51	10/12/25 18:08	EPA 3050B	1,6010D	MRP
Iron, Total	3320		mg/kg	4.38	0.919	2	10/09/25 07:51	10/12/25 18:08	EPA 3050B	1,6010D	MRP
Lead, Total	23.0		mg/kg	4.38	0.208	2	10/09/25 07:51	10/12/25 18:08	EPA 3050B	1,6010D	MRP
Magnesium, Total	9660		mg/kg	8.75	1.43	2	10/09/25 07:51	10/12/25 18:08	EPA 3050B	1,6010D	MRP
Manganese, Total	38.4		mg/kg	0.875	0.469	2	10/09/25 07:51	10/12/25 18:08	EPA 3050B	1,6010D	MRP
Mercury, Total	ND		mg/kg	0.086	0.056	1	10/09/25 08:26	10/10/25 16:29	EPA 7471B	1,7471B	CME
Nickel, Total	4.42		mg/kg	2.19	0.707	2	10/09/25 07:51	10/12/25 18:08	EPA 3050B	1,6010D	MRP
Potassium, Total	322		mg/kg	219	44.4	2	10/09/25 07:51	10/12/25 18:08	EPA 3050B	1,6010D	MRP
Selenium, Total	ND		mg/kg	1.75	0.288	2	10/09/25 07:51	10/12/25 18:08	EPA 3050B	1,6010D	MRP
Silver, Total	ND		mg/kg	0.438	0.261	2	10/09/25 07:51	10/12/25 18:08	EPA 3050B	1,6010D	MRP
Sodium, Total	131	J	mg/kg	175	92.8	2	10/09/25 07:51	10/12/25 18:08	EPA 3050B	1,6010D	MRP
Thallium, Total	ND		mg/kg	1.75	0.789	2	10/09/25 07:51	10/12/25 18:08	EPA 3050B	1,6010D	MRP
Vanadium, Total	7.50		mg/kg	0.875	0.132	2	10/09/25 07:51	10/12/25 18:08	EPA 3050B	1,6010D	MRP
Zinc, Total	96.2		mg/kg	4.38	0.530	2	10/09/25 07:51	10/12/25 18:08	EPA 3050B	1,6010D	MRP

Project Name: OCEAN BAY REDEVELOPMENT
Lab Number: L2562994
Project Number: 41.0163476.00
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-09
Client ID: GZ-11 (2.5-4.5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Sample Depth:
Matrix: Soil
Percent Solids: 95%

Date Collected: 10/06/25 10:20
Date Received: 10/06/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	1590		mg/kg	8.30	2.70	2	10/09/25 07:51	10/12/25 18:13	EPA 3050B	1,6010D	MRP
Antimony, Total	ND		mg/kg	4.15	3.20	2	10/09/25 07:51	10/12/25 18:13	EPA 3050B	1,6010D	MRP
Arsenic, Total	1.66		mg/kg	0.830	0.359	2	10/09/25 07:51	10/12/25 18:13	EPA 3050B	1,6010D	MRP
Barium, Total	15.9		mg/kg	0.830	0.088	2	10/09/25 07:51	10/12/25 18:13	EPA 3050B	1,6010D	MRP
Beryllium, Total	0.056	J	mg/kg	0.415	0.046	2	10/09/25 07:51	10/12/25 18:13	EPA 3050B	1,6010D	MRP
Cadmium, Total	0.051	J	mg/kg	0.830	0.046	2	10/09/25 07:51	10/12/25 18:13	EPA 3050B	1,6010D	MRP
Calcium, Total	30100		mg/kg	8.30	4.71	2	10/09/25 07:51	10/12/25 18:13	EPA 3050B	1,6010D	MRP
Chromium, Total	9.12		mg/kg	0.830	0.704	2	10/09/25 07:51	10/12/25 18:13	EPA 3050B	1,6010D	MRP
Cobalt, Total	1.02	J	mg/kg	1.66	0.206	2	10/09/25 07:51	10/12/25 18:13	EPA 3050B	1,6010D	MRP
Copper, Total	12.2		mg/kg	0.830	0.188	2	10/09/25 07:51	10/12/25 18:13	EPA 3050B	1,6010D	MRP
Iron, Total	3410		mg/kg	4.15	0.872	2	10/09/25 07:51	10/12/25 18:13	EPA 3050B	1,6010D	MRP
Lead, Total	13.4		mg/kg	4.15	0.198	2	10/09/25 07:51	10/12/25 18:13	EPA 3050B	1,6010D	MRP
Magnesium, Total	10200		mg/kg	8.30	1.35	2	10/09/25 07:51	10/12/25 18:13	EPA 3050B	1,6010D	MRP
Manganese, Total	53.7		mg/kg	0.830	0.445	2	10/09/25 07:51	10/12/25 18:13	EPA 3050B	1,6010D	MRP
Mercury, Total	ND		mg/kg	0.069	0.045	1	10/09/25 08:26	10/10/25 16:32	EPA 7471B	1,7471B	CME
Nickel, Total	2.71		mg/kg	2.08	0.671	2	10/09/25 07:51	10/12/25 18:13	EPA 3050B	1,6010D	MRP
Potassium, Total	250		mg/kg	208	42.1	2	10/09/25 07:51	10/12/25 18:13	EPA 3050B	1,6010D	MRP
Selenium, Total	ND		mg/kg	1.66	0.273	2	10/09/25 07:51	10/12/25 18:13	EPA 3050B	1,6010D	MRP
Silver, Total	ND		mg/kg	0.415	0.247	2	10/09/25 07:51	10/12/25 18:13	EPA 3050B	1,6010D	MRP
Sodium, Total	259		mg/kg	166	88.0	2	10/09/25 07:51	10/12/25 18:13	EPA 3050B	1,6010D	MRP
Thallium, Total	ND		mg/kg	1.66	0.749	2	10/09/25 07:51	10/12/25 18:13	EPA 3050B	1,6010D	MRP
Vanadium, Total	9.70		mg/kg	0.830	0.125	2	10/09/25 07:51	10/12/25 18:13	EPA 3050B	1,6010D	MRP
Zinc, Total	59.0		mg/kg	4.15	0.503	2	10/09/25 07:51	10/12/25 18:13	EPA 3050B	1,6010D	MRP

Project Name: OCEAN BAY REDEVELOPMENT
Lab Number: L2562994
Project Number: 41.0163476.00
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-10
Client ID: GZ-15 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Sample Depth:
Matrix: Soil
Percent Solids: 94%

Date Collected: 10/06/25 12:05
Date Received: 10/06/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	1740		mg/kg	8.04	2.61	2	10/09/25 11:11	10/10/25 23:49	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.02	3.09	2	10/09/25 11:11	10/10/25 23:49	EPA 3050B	1,6010D	JMF
Arsenic, Total	1.90		mg/kg	0.804	0.347	2	10/09/25 11:11	10/10/25 23:49	EPA 3050B	1,6010D	JMF
Barium, Total	19.0		mg/kg	0.804	0.085	2	10/09/25 11:11	10/10/25 23:49	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.103	J	mg/kg	0.402	0.044	2	10/09/25 11:11	10/10/25 23:49	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.103	J	mg/kg	0.804	0.044	2	10/09/25 11:11	10/10/25 23:49	EPA 3050B	1,6010D	JMF
Calcium, Total	1640		mg/kg	8.04	4.56	2	10/09/25 11:11	10/10/25 23:49	EPA 3050B	1,6010D	JMF
Chromium, Total	6.02		mg/kg	0.804	0.682	2	10/09/25 11:11	10/10/25 23:49	EPA 3050B	1,6010D	JMF
Cobalt, Total	1.22	J	mg/kg	1.61	0.199	2	10/09/25 11:11	10/10/25 23:49	EPA 3050B	1,6010D	JMF
Copper, Total	7.99		mg/kg	0.804	0.182	2	10/09/25 11:11	10/10/25 23:49	EPA 3050B	1,6010D	JMF
Iron, Total	5160		mg/kg	4.02	0.844	2	10/09/25 11:11	10/10/25 23:49	EPA 3050B	1,6010D	JMF
Lead, Total	26.8		mg/kg	4.02	0.191	2	10/09/25 11:11	10/10/25 23:49	EPA 3050B	1,6010D	JMF
Magnesium, Total	1140		mg/kg	8.04	1.31	2	10/09/25 11:11	10/10/25 23:49	EPA 3050B	1,6010D	JMF
Manganese, Total	39.4		mg/kg	0.804	0.431	2	10/09/25 11:11	10/10/25 23:49	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.067	0.044	1	10/09/25 11:43	10/11/25 15:47	EPA 7471B	1,7471B	RDB
Nickel, Total	3.89		mg/kg	2.01	0.649	2	10/09/25 11:11	10/10/25 23:49	EPA 3050B	1,6010D	JMF
Potassium, Total	416		mg/kg	201	40.7	2	10/09/25 11:11	10/10/25 23:49	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.61	0.264	2	10/09/25 11:11	10/10/25 23:49	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.402	0.240	2	10/09/25 11:11	10/10/25 23:49	EPA 3050B	1,6010D	JMF
Sodium, Total	ND		mg/kg	161	85.2	2	10/09/25 11:11	10/10/25 23:49	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.61	0.725	2	10/09/25 11:11	10/13/25 14:59	EPA 3050B	1,6010D	MRP
Vanadium, Total	9.46		mg/kg	0.804	0.121	2	10/09/25 11:11	10/10/25 23:49	EPA 3050B	1,6010D	JMF
Zinc, Total	26.5		mg/kg	4.02	0.487	2	10/09/25 11:11	10/10/25 23:49	EPA 3050B	1,6010D	JMF

Project Name: OCEAN BAY REDEVELOPMENT
Lab Number: L2562994
Project Number: 41.0163476.00
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-11
Client ID: GZ-15 (3-5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Sample Depth:
Matrix: Soil
Percent Solids: 95%

Date Collected: 10/06/25 12:20
Date Received: 10/06/25
Field Prep: Not Specified

Total Metals - Mansfield Lab

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Aluminum, Total	1030		mg/kg	8.27	2.69	2	10/09/25 07:51	10/12/25 18:18	EPA 3050B	1,6010D	MRP
Antimony, Total	ND		mg/kg	4.13	3.18	2	10/09/25 07:51	10/12/25 18:18	EPA 3050B	1,6010D	MRP
Arsenic, Total	0.741	J	mg/kg	0.827	0.357	2	10/09/25 07:51	10/12/25 18:18	EPA 3050B	1,6010D	MRP
Barium, Total	5.18		mg/kg	0.827	0.088	2	10/09/25 07:51	10/12/25 18:18	EPA 3050B	1,6010D	MRP
Beryllium, Total	ND		mg/kg	0.413	0.046	2	10/09/25 07:51	10/12/25 18:18	EPA 3050B	1,6010D	MRP
Cadmium, Total	ND		mg/kg	0.827	0.046	2	10/09/25 07:51	10/12/25 18:18	EPA 3050B	1,6010D	MRP
Calcium, Total	208		mg/kg	8.27	4.69	2	10/09/25 07:51	10/12/25 18:18	EPA 3050B	1,6010D	MRP
Chromium, Total	3.33		mg/kg	0.827	0.701	2	10/09/25 07:51	10/12/25 18:18	EPA 3050B	1,6010D	MRP
Cobalt, Total	0.522	J	mg/kg	1.65	0.205	2	10/09/25 07:51	10/12/25 18:18	EPA 3050B	1,6010D	MRP
Copper, Total	0.925		mg/kg	0.827	0.188	2	10/09/25 07:51	10/12/25 18:18	EPA 3050B	1,6010D	MRP
Iron, Total	1490		mg/kg	4.13	0.868	2	10/09/25 07:51	10/12/25 18:18	EPA 3050B	1,6010D	MRP
Lead, Total	0.717	J	mg/kg	4.13	0.197	2	10/09/25 07:51	10/12/25 18:18	EPA 3050B	1,6010D	MRP
Magnesium, Total	368		mg/kg	8.27	1.35	2	10/09/25 07:51	10/12/25 18:18	EPA 3050B	1,6010D	MRP
Manganese, Total	12.1		mg/kg	0.827	0.443	2	10/09/25 07:51	10/12/25 18:18	EPA 3050B	1,6010D	MRP
Mercury, Total	ND		mg/kg	0.075	0.049	1	10/09/25 08:26	10/10/25 16:36	EPA 7471B	1,7471B	CME
Nickel, Total	1.52	J	mg/kg	2.07	0.668	2	10/09/25 07:51	10/12/25 18:18	EPA 3050B	1,6010D	MRP
Potassium, Total	266		mg/kg	207	41.9	2	10/09/25 07:51	10/12/25 18:18	EPA 3050B	1,6010D	MRP
Selenium, Total	ND		mg/kg	1.65	0.272	2	10/09/25 07:51	10/12/25 18:18	EPA 3050B	1,6010D	MRP
Silver, Total	ND		mg/kg	0.413	0.246	2	10/09/25 07:51	10/12/25 18:18	EPA 3050B	1,6010D	MRP
Sodium, Total	ND		mg/kg	165	87.6	2	10/09/25 07:51	10/12/25 18:18	EPA 3050B	1,6010D	MRP
Thallium, Total	ND		mg/kg	1.65	0.746	2	10/09/25 07:51	10/12/25 18:18	EPA 3050B	1,6010D	MRP
Vanadium, Total	3.76		mg/kg	0.827	0.125	2	10/09/25 07:51	10/12/25 18:18	EPA 3050B	1,6010D	MRP
Zinc, Total	4.31		mg/kg	4.13	0.501	2	10/09/25 07:51	10/12/25 18:18	EPA 3050B	1,6010D	MRP

Project Name: OCEAN BAY REDEVELOPMENT
Lab Number: L2562994
Project Number: 41.0163476.00
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-12
Client ID: DUPLICATE-10-06-2025
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Sample Depth:
Matrix: Soil
Percent Solids: 88%

Date Collected: 10/06/25 00:00
Date Received: 10/06/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	1060		mg/kg	9.05	2.94	2	10/09/25 07:51	10/12/25 18:22	EPA 3050B	1,6010D	MRP
Antimony, Total	ND		mg/kg	4.53	3.48	2	10/09/25 07:51	10/12/25 18:22	EPA 3050B	1,6010D	MRP
Arsenic, Total	0.520	J	mg/kg	0.905	0.391	2	10/09/25 07:51	10/12/25 18:22	EPA 3050B	1,6010D	MRP
Barium, Total	7.41		mg/kg	0.905	0.096	2	10/09/25 07:51	10/12/25 18:22	EPA 3050B	1,6010D	MRP
Beryllium, Total	ND		mg/kg	0.453	0.050	2	10/09/25 07:51	10/12/25 18:22	EPA 3050B	1,6010D	MRP
Cadmium, Total	ND		mg/kg	0.905	0.050	2	10/09/25 07:51	10/12/25 18:22	EPA 3050B	1,6010D	MRP
Calcium, Total	331		mg/kg	9.05	5.13	2	10/09/25 07:51	10/12/25 18:22	EPA 3050B	1,6010D	MRP
Chromium, Total	3.63		mg/kg	0.905	0.768	2	10/09/25 07:51	10/12/25 18:22	EPA 3050B	1,6010D	MRP
Cobalt, Total	0.485	J	mg/kg	1.81	0.224	2	10/09/25 07:51	10/12/25 18:22	EPA 3050B	1,6010D	MRP
Copper, Total	1.52		mg/kg	0.905	0.205	2	10/09/25 07:51	10/12/25 18:22	EPA 3050B	1,6010D	MRP
Iron, Total	2020		mg/kg	4.53	0.950	2	10/09/25 07:51	10/12/25 18:22	EPA 3050B	1,6010D	MRP
Lead, Total	1.94	J	mg/kg	4.53	0.215	2	10/09/25 07:51	10/12/25 18:22	EPA 3050B	1,6010D	MRP
Magnesium, Total	422		mg/kg	9.05	1.48	2	10/09/25 07:51	10/12/25 18:22	EPA 3050B	1,6010D	MRP
Manganese, Total	14.7		mg/kg	0.905	0.485	2	10/09/25 07:51	10/12/25 18:22	EPA 3050B	1,6010D	MRP
Mercury, Total	ND		mg/kg	0.092	0.060	1	10/09/25 08:26	10/10/25 16:39	EPA 7471B	1,7471B	CME
Nickel, Total	1.49	J	mg/kg	2.26	0.731	2	10/09/25 07:51	10/12/25 18:22	EPA 3050B	1,6010D	MRP
Potassium, Total	289		mg/kg	226	45.9	2	10/09/25 07:51	10/12/25 18:22	EPA 3050B	1,6010D	MRP
Selenium, Total	ND		mg/kg	1.81	0.298	2	10/09/25 07:51	10/12/25 18:22	EPA 3050B	1,6010D	MRP
Silver, Total	ND		mg/kg	0.453	0.270	2	10/09/25 07:51	10/12/25 18:22	EPA 3050B	1,6010D	MRP
Sodium, Total	ND		mg/kg	181	96.0	2	10/09/25 07:51	10/12/25 18:22	EPA 3050B	1,6010D	MRP
Thallium, Total	ND		mg/kg	1.81	0.816	2	10/09/25 07:51	10/12/25 18:22	EPA 3050B	1,6010D	MRP
Vanadium, Total	4.48		mg/kg	0.905	0.137	2	10/09/25 07:51	10/12/25 18:22	EPA 3050B	1,6010D	MRP
Zinc, Total	4.65		mg/kg	4.53	0.548	2	10/09/25 07:51	10/12/25 18:22	EPA 3050B	1,6010D	MRP

Project Name: OCEAN BAY REDEVELOPMENT
Lab Number: L2562994
Project Number: 41.0163476.00
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-15
Client ID: FIELD BLANK-2025-10-06
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Sample Depth:
Matrix: Water

Date Collected: 10/06/25 13:15
Date Received: 10/06/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.100	0.0318	1	10/09/25 00:48	10/13/25 18:23	EPA 3005A	1,6010D	ZPC
Antimony, Total	ND		mg/l	0.0500	0.0071	1	10/09/25 00:48	10/13/25 18:23	EPA 3005A	1,6010D	ZPC
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	10/09/25 00:48	10/13/25 18:23	EPA 3005A	1,6010D	ZPC
Barium, Total	ND		mg/l	0.0100	0.0021	1	10/09/25 00:48	10/13/25 18:23	EPA 3005A	1,6010D	ZPC
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	10/09/25 00:48	10/13/25 18:23	EPA 3005A	1,6010D	ZPC
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	10/09/25 00:48	10/13/25 18:23	EPA 3005A	1,6010D	ZPC
Calcium, Total	ND		mg/l	0.100	0.0350	1	10/09/25 00:48	10/13/25 18:23	EPA 3005A	1,6010D	ZPC
Chromium, Total	0.0029	J	mg/l	0.0100	0.0021	1	10/09/25 00:48	10/13/25 18:23	EPA 3005A	1,6010D	ZPC
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	10/09/25 00:48	10/13/25 18:23	EPA 3005A	1,6010D	ZPC
Copper, Total	ND		mg/l	0.0100	0.0022	1	10/09/25 00:48	10/13/25 18:23	EPA 3005A	1,6010D	ZPC
Iron, Total	0.0212	J	mg/l	0.0500	0.0090	1	10/09/25 00:48	10/13/25 18:23	EPA 3005A	1,6010D	ZPC
Lead, Total	ND		mg/l	0.0100	0.0027	1	10/09/25 00:48	10/13/25 18:23	EPA 3005A	1,6010D	ZPC
Magnesium, Total	ND		mg/l	0.100	0.0153	1	10/09/25 00:48	10/13/25 18:23	EPA 3005A	1,6010D	ZPC
Manganese, Total	ND		mg/l	0.0100	0.0016	1	10/09/25 00:48	10/13/25 18:23	EPA 3005A	1,6010D	ZPC
Mercury, Total	ND		mg/l	0.00020	0.00009	1	10/09/25 04:32	10/12/25 15:24	EPA 7470A	1,7470A	CME
Nickel, Total	ND		mg/l	0.0250	0.0024	1	10/09/25 00:48	10/13/25 18:23	EPA 3005A	1,6010D	ZPC
Potassium, Total	ND		mg/l	2.50	0.237	1	10/09/25 00:48	10/13/25 18:23	EPA 3005A	1,6010D	ZPC
Selenium, Total	ND		mg/l	0.0100	0.0035	1	10/09/25 00:48	10/13/25 18:23	EPA 3005A	1,6010D	ZPC
Silver, Total	ND		mg/l	0.0070	0.0028	1	10/09/25 00:48	10/13/25 18:23	EPA 3005A	1,6010D	ZPC
Sodium, Total	ND		mg/l	2.00	0.120	1	10/09/25 00:48	10/13/25 18:23	EPA 3005A	1,6010D	ZPC
Thallium, Total	ND		mg/l	0.0200	0.0025	1	10/09/25 00:48	10/13/25 18:23	EPA 3005A	1,6010D	ZPC
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	10/09/25 00:48	10/13/25 18:23	EPA 3005A	1,6010D	ZPC
Zinc, Total	ND		mg/l	0.0500	0.0021	1	10/09/25 00:48	10/13/25 18:23	EPA 3005A	1,6010D	ZPC

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 15 Batch: WG2125425-1										
Aluminum, Total	ND		mg/l	0.100	0.0318	1	10/09/25 00:48	10/13/25 17:57	1,6010D	ZPC
Antimony, Total	ND		mg/l	0.0500	0.0071	1	10/09/25 00:48	10/13/25 17:57	1,6010D	ZPC
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	10/09/25 00:48	10/13/25 17:57	1,6010D	ZPC
Barium, Total	ND		mg/l	0.0100	0.0021	1	10/09/25 00:48	10/13/25 17:57	1,6010D	ZPC
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	10/09/25 00:48	10/13/25 17:57	1,6010D	ZPC
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	10/09/25 00:48	10/13/25 17:57	1,6010D	ZPC
Calcium, Total	ND		mg/l	0.100	0.0350	1	10/09/25 00:48	10/13/25 17:57	1,6010D	ZPC
Chromium, Total	ND		mg/l	0.0100	0.0021	1	10/09/25 00:48	10/13/25 17:57	1,6010D	ZPC
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	10/09/25 00:48	10/13/25 17:57	1,6010D	ZPC
Copper, Total	ND		mg/l	0.0100	0.0022	1	10/09/25 00:48	10/13/25 17:57	1,6010D	ZPC
Iron, Total	0.0127	J	mg/l	0.0500	0.0090	1	10/09/25 00:48	10/13/25 17:57	1,6010D	ZPC
Lead, Total	ND		mg/l	0.0100	0.0027	1	10/09/25 00:48	10/13/25 17:57	1,6010D	ZPC
Magnesium, Total	ND		mg/l	0.100	0.0153	1	10/09/25 00:48	10/13/25 17:57	1,6010D	ZPC
Manganese, Total	ND		mg/l	0.0100	0.0016	1	10/09/25 00:48	10/13/25 17:57	1,6010D	ZPC
Nickel, Total	ND		mg/l	0.0250	0.0024	1	10/09/25 00:48	10/13/25 17:57	1,6010D	ZPC
Potassium, Total	ND		mg/l	2.50	0.237	1	10/09/25 00:48	10/13/25 17:57	1,6010D	ZPC
Selenium, Total	ND		mg/l	0.0100	0.0035	1	10/09/25 00:48	10/13/25 17:57	1,6010D	ZPC
Silver, Total	ND		mg/l	0.0070	0.0028	1	10/09/25 00:48	10/13/25 17:57	1,6010D	ZPC
Sodium, Total	ND		mg/l	2.00	0.120	1	10/09/25 00:48	10/13/25 17:57	1,6010D	ZPC
Thallium, Total	ND		mg/l	0.0200	0.0025	1	10/09/25 00:48	10/13/25 17:57	1,6010D	ZPC
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	10/09/25 00:48	10/13/25 17:57	1,6010D	ZPC
Zinc, Total	ND		mg/l	0.0500	0.0021	1	10/09/25 00:48	10/13/25 17:57	1,6010D	ZPC

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 15 Batch: WG2125427-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	10/09/25 04:32	10/12/25 14:41	1,7470A	CME

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-06 Batch: WG2125436-1										
Aluminum, Total	ND		mg/kg	4.00	1.30	1	10/08/25 23:48	10/13/25 09:27	1,6010D	MRP
Antimony, Total	ND		mg/kg	2.00	1.54	1	10/08/25 23:48	10/13/25 09:27	1,6010D	MRP
Arsenic, Total	ND		mg/kg	0.400	0.173	1	10/08/25 23:48	10/13/25 09:27	1,6010D	MRP
Barium, Total	ND		mg/kg	0.400	0.042	1	10/08/25 23:48	10/13/25 09:27	1,6010D	MRP
Beryllium, Total	ND		mg/kg	0.200	0.022	1	10/08/25 23:48	10/13/25 09:27	1,6010D	MRP
Cadmium, Total	ND		mg/kg	0.400	0.022	1	10/08/25 23:48	10/13/25 09:27	1,6010D	MRP
Calcium, Total	ND		mg/kg	4.00	2.27	1	10/08/25 23:48	10/13/25 09:27	1,6010D	MRP
Chromium, Total	ND		mg/kg	0.400	0.339	1	10/08/25 23:48	10/13/25 09:27	1,6010D	MRP
Cobalt, Total	ND		mg/kg	0.800	0.099	1	10/08/25 23:48	10/13/25 09:27	1,6010D	MRP
Copper, Total	ND		mg/kg	0.400	0.091	1	10/08/25 23:48	10/13/25 09:27	1,6010D	MRP
Iron, Total	0.748	J	mg/kg	2.00	0.420	1	10/08/25 23:48	10/13/25 09:27	1,6010D	MRP
Lead, Total	ND		mg/kg	2.00	0.095	1	10/08/25 23:48	10/13/25 09:27	1,6010D	MRP
Magnesium, Total	ND		mg/kg	4.00	0.652	1	10/08/25 23:48	10/13/25 09:27	1,6010D	MRP
Manganese, Total	ND		mg/kg	0.400	0.214	1	10/08/25 23:48	10/13/25 09:27	1,6010D	MRP
Nickel, Total	ND		mg/kg	1.00	0.323	1	10/08/25 23:48	10/13/25 09:27	1,6010D	MRP
Potassium, Total	ND		mg/kg	100	20.3	1	10/08/25 23:48	10/13/25 09:27	1,6010D	MRP
Selenium, Total	ND		mg/kg	0.800	0.132	1	10/08/25 23:48	10/13/25 09:27	1,6010D	MRP
Silver, Total	ND		mg/kg	0.200	0.119	1	10/08/25 23:48	10/13/25 09:27	1,6010D	MRP
Sodium, Total	ND		mg/kg	80.0	42.4	1	10/08/25 23:48	10/13/25 09:27	1,6010D	MRP
Thallium, Total	ND		mg/kg	0.800	0.361	1	10/08/25 23:48	10/13/25 09:27	1,6010D	MRP
Vanadium, Total	ND		mg/kg	0.400	0.060	1	10/08/25 23:48	10/13/25 09:27	1,6010D	MRP
Zinc, Total	ND		mg/kg	2.00	0.242	1	10/08/25 23:48	10/13/25 09:27	1,6010D	MRP

Prep Information

Digestion Method: EPA 3050B

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-06 Batch: WG2125438-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	10/09/25 00:59	10/11/25 14:54	1,7471B	CME

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 07-09,11-12 Batch: WG2125528-1										
Aluminum, Total	ND		mg/kg	4.00	1.30	1	10/09/25 07:51	10/09/25 20:23	1,6010D	JMF
Antimony, Total	ND		mg/kg	2.00	1.54	1	10/09/25 07:51	10/09/25 20:23	1,6010D	JMF
Arsenic, Total	ND		mg/kg	0.400	0.173	1	10/09/25 07:51	10/09/25 20:23	1,6010D	JMF
Barium, Total	ND		mg/kg	0.400	0.042	1	10/09/25 07:51	10/09/25 20:23	1,6010D	JMF
Beryllium, Total	ND		mg/kg	0.200	0.022	1	10/09/25 07:51	10/09/25 20:23	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.400	0.022	1	10/09/25 07:51	10/09/25 20:23	1,6010D	JMF
Calcium, Total	ND		mg/kg	4.00	2.27	1	10/09/25 07:51	10/09/25 20:23	1,6010D	JMF
Chromium, Total	ND		mg/kg	0.400	0.339	1	10/09/25 07:51	10/09/25 20:23	1,6010D	JMF
Cobalt, Total	ND		mg/kg	0.800	0.099	1	10/09/25 07:51	10/09/25 20:23	1,6010D	JMF
Copper, Total	ND		mg/kg	0.400	0.091	1	10/09/25 07:51	10/09/25 20:23	1,6010D	JMF
Iron, Total	0.932	J	mg/kg	2.00	0.420	1	10/09/25 07:51	10/09/25 20:23	1,6010D	JMF
Lead, Total	ND		mg/kg	2.00	0.095	1	10/09/25 07:51	10/09/25 20:23	1,6010D	JMF
Magnesium, Total	ND		mg/kg	4.00	0.652	1	10/09/25 07:51	10/09/25 20:23	1,6010D	JMF
Manganese, Total	ND		mg/kg	0.400	0.214	1	10/09/25 07:51	10/09/25 20:23	1,6010D	JMF
Nickel, Total	ND		mg/kg	1.00	0.323	1	10/09/25 07:51	10/09/25 20:23	1,6010D	JMF
Potassium, Total	ND		mg/kg	100	20.3	1	10/09/25 07:51	10/09/25 20:23	1,6010D	JMF
Selenium, Total	ND		mg/kg	0.800	0.132	1	10/09/25 07:51	10/09/25 20:23	1,6010D	JMF
Silver, Total	ND		mg/kg	0.200	0.119	1	10/09/25 07:51	10/09/25 20:23	1,6010D	JMF
Sodium, Total	ND		mg/kg	80.0	42.4	1	10/09/25 07:51	10/09/25 20:23	1,6010D	JMF
Thallium, Total	ND		mg/kg	0.800	0.361	1	10/09/25 07:51	10/09/25 20:23	1,6010D	JMF
Vanadium, Total	ND		mg/kg	0.400	0.060	1	10/09/25 07:51	10/09/25 20:23	1,6010D	JMF
Zinc, Total	ND		mg/kg	2.00	0.242	1	10/09/25 07:51	10/09/25 20:23	1,6010D	JMF

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 07-09,11-12 Batch: WG2125534-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	10/09/25 08:26	10/10/25 06:27	1,7471B	RDB

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 10 Batch: WG2125677-1										
Aluminum, Total	ND		mg/kg	4.00	1.30	1	10/09/25 11:11	10/10/25 23:42	1,6010D	JMF
Antimony, Total	ND		mg/kg	2.00	1.54	1	10/09/25 11:11	10/10/25 23:42	1,6010D	JMF
Arsenic, Total	ND		mg/kg	0.400	0.173	1	10/09/25 11:11	10/10/25 23:42	1,6010D	JMF
Barium, Total	ND		mg/kg	0.400	0.042	1	10/09/25 11:11	10/10/25 23:42	1,6010D	JMF
Beryllium, Total	ND		mg/kg	0.200	0.022	1	10/09/25 11:11	10/10/25 23:42	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.400	0.022	1	10/09/25 11:11	10/10/25 23:42	1,6010D	JMF
Calcium, Total	ND		mg/kg	4.00	2.27	1	10/09/25 11:11	10/10/25 23:42	1,6010D	JMF
Chromium, Total	ND		mg/kg	0.400	0.339	1	10/09/25 11:11	10/10/25 23:42	1,6010D	JMF
Cobalt, Total	ND		mg/kg	0.800	0.099	1	10/09/25 11:11	10/10/25 23:42	1,6010D	JMF
Copper, Total	ND		mg/kg	0.400	0.091	1	10/09/25 11:11	10/10/25 23:42	1,6010D	JMF
Iron, Total	0.819	J	mg/kg	2.00	0.420	1	10/09/25 11:11	10/10/25 23:42	1,6010D	JMF
Lead, Total	ND		mg/kg	2.00	0.095	1	10/09/25 11:11	10/10/25 23:42	1,6010D	JMF
Magnesium, Total	ND		mg/kg	4.00	0.652	1	10/09/25 11:11	10/10/25 23:42	1,6010D	JMF
Manganese, Total	ND		mg/kg	0.400	0.214	1	10/09/25 11:11	10/10/25 23:42	1,6010D	JMF
Nickel, Total	ND		mg/kg	1.00	0.323	1	10/09/25 11:11	10/10/25 23:42	1,6010D	JMF
Potassium, Total	ND		mg/kg	100	20.3	1	10/09/25 11:11	10/10/25 23:42	1,6010D	JMF
Selenium, Total	ND		mg/kg	0.800	0.132	1	10/09/25 11:11	10/10/25 23:42	1,6010D	JMF
Silver, Total	ND		mg/kg	0.200	0.119	1	10/09/25 11:11	10/10/25 23:42	1,6010D	JMF
Sodium, Total	ND		mg/kg	80.0	42.4	1	10/09/25 11:11	10/10/25 23:42	1,6010D	JMF
Thallium, Total	ND		mg/kg	0.800	0.361	1	10/09/25 11:11	10/13/25 14:52	1,6010D	MRP

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2562994

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Vanadium, Total	ND	mg/kg	0.400	0.060	1	10/09/25 11:11	10/10/25 23:42	1,6010D	JMF
Zinc, Total	ND	mg/kg	2.00	0.242	1	10/09/25 11:11	10/10/25 23:42	1,6010D	JMF

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 10 Batch: WG2125684-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	10/09/25 11:43	10/11/25 15:41	1,7471B	RDB

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 15 Batch: WG2125425-2								
Aluminum, Total	108		-		80-120	-		20
Antimony, Total	82		-		80-120	-		20
Arsenic, Total	101		-		80-120	-		20
Barium, Total	104		-		80-120	-		20
Beryllium, Total	107		-		80-120	-		20
Cadmium, Total	100		-		80-120	-		20
Calcium, Total	109		-		80-120	-		20
Chromium, Total	102		-		80-120	-		20
Cobalt, Total	102		-		80-120	-		20
Copper, Total	103		-		80-120	-		20
Iron, Total	106		-		80-120	-		20
Lead, Total	102		-		80-120	-		20
Magnesium, Total	106		-		80-120	-		20
Manganese, Total	107		-		80-120	-		20
Nickel, Total	104		-		80-120	-		20
Potassium, Total	112		-		80-120	-		20
Selenium, Total	101		-		80-120	-		20
Silver, Total	102		-		80-120	-		20
Sodium, Total	112		-		80-120	-		20
Thallium, Total	102		-		80-120	-		20
Vanadium, Total	105		-		80-120	-		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 15 Batch: WG2125425-2					
Zinc, Total	104	-	80-120	-	20
Total Metals - Mansfield Lab Associated sample(s): 15 Batch: WG2125427-2					
Mercury, Total	87	-	80-120	-	20

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 Batch: WG2125436-2					
Aluminum, Total	111	-	80-120	-	20
Antimony, Total	108	-	80-120	-	20
Arsenic, Total	104	-	80-120	-	20
Barium, Total	108	-	80-120	-	20
Beryllium, Total	112	-	80-120	-	20
Cadmium, Total	105	-	80-120	-	20
Calcium, Total	112	-	80-120	-	20
Chromium, Total	108	-	80-120	-	20
Cobalt, Total	108	-	80-120	-	20
Copper, Total	110	-	80-120	-	20
Iron, Total	111	-	80-120	-	20
Lead, Total	108	-	80-120	-	20
Magnesium, Total	108	-	80-120	-	20
Manganese, Total	110	-	80-120	-	20
Nickel, Total	110	-	80-120	-	20
Potassium, Total	110	-	80-120	-	20
Selenium, Total	107	-	80-120	-	20
Silver, Total	106	-	80-120	-	20
Sodium, Total	112	-	80-120	-	20
Thallium, Total	105	-	80-120	-	20
Vanadium, Total	112	-	80-120	-	20

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 Batch: WG2125436-2					
Zinc, Total	108	-	80-120	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-06 Batch: WG2125438-2					
Mercury, Total	98	-	80-120	-	20

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 07-09,11-12 Batch: WG2125528-2					
Aluminum, Total	108	-	80-120	-	20
Antimony, Total	101	-	80-120	-	20
Arsenic, Total	101	-	80-120	-	20
Barium, Total	106	-	80-120	-	20
Beryllium, Total	108	-	80-120	-	20
Cadmium, Total	100	-	80-120	-	20
Calcium, Total	108	-	80-120	-	20
Chromium, Total	103	-	80-120	-	20
Cobalt, Total	101	-	80-120	-	20
Copper, Total	104	-	80-120	-	20
Iron, Total	110	-	80-120	-	20
Lead, Total	103	-	80-120	-	20
Magnesium, Total	104	-	80-120	-	20
Manganese, Total	108	-	80-120	-	20
Nickel, Total	103	-	80-120	-	20
Potassium, Total	110	-	80-120	-	20
Selenium, Total	102	-	80-120	-	20
Silver, Total	101	-	80-120	-	20
Sodium, Total	109	-	80-120	-	20
Thallium, Total	101	-	80-120	-	20
Vanadium, Total	105	-	80-120	-	20

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 07-09,11-12 Batch: WG2125528-2					
Zinc, Total	102	-	80-120	-	20
Total Metals - Mansfield Lab Associated sample(s): 07-09,11-12 Batch: WG2125534-2					
Mercury, Total	95	-	80-120	-	20

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 10 Batch: WG2125677-2					
Aluminum, Total	106	-	80-120	-	20
Antimony, Total	100	-	80-120	-	20
Arsenic, Total	101	-	80-120	-	20
Barium, Total	104	-	80-120	-	20
Beryllium, Total	106	-	80-120	-	20
Cadmium, Total	99	-	80-120	-	20
Calcium, Total	104	-	80-120	-	20
Chromium, Total	102	-	80-120	-	20
Cobalt, Total	104	-	80-120	-	20
Copper, Total	105	-	80-120	-	20
Iron, Total	104	-	80-120	-	20
Lead, Total	105	-	80-120	-	20
Magnesium, Total	103	-	80-120	-	20
Manganese, Total	103	-	80-120	-	20
Nickel, Total	103	-	80-120	-	20
Potassium, Total	108	-	80-120	-	20
Selenium, Total	106	-	80-120	-	20
Silver, Total	102	-	80-120	-	20
Sodium, Total	106	-	80-120	-	20
Thallium, Total	106	-	80-120	-	20
Vanadium, Total	106	-	80-120	-	20

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 10 Batch: WG2125677-2					
Zinc, Total	102	-	80-120	-	20
Total Metals - Mansfield Lab Associated sample(s): 10 Batch: WG2125684-2					
Mercury, Total	99	-	80-120	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 15	QC Batch ID: WG2125425-3			WG2125425-4		QC Sample: L2563172-01			Client ID: MS Sample			
Aluminum, Total	ND	2	2.13	106		2.15	108		75-125	1		20
Antimony, Total	ND	0.5	0.530	106		0.536	107		75-125	1		20
Arsenic, Total	ND	0.12	0.129	108		0.130	108		75-125	1		20
Barium, Total	0.159	2	2.20	102		2.22	103		75-125	1		20
Beryllium, Total	ND	0.05	0.0511	102		0.0519	104		75-125	2		20
Cadmium, Total	ND	0.053	0.0533	100		0.0538	102		75-125	1		20
Calcium, Total	132.	10	141	90		140	80		75-125	1		20
Chromium, Total	ND	0.2	0.197	98		0.200	100		75-125	2		20
Cobalt, Total	ND	0.5	0.504	101		0.509	102		75-125	1		20
Copper, Total	ND	0.25	0.262	105		0.266	106		75-125	2		20
Iron, Total	1.29	1	2.30	101		2.29	100		75-125	0		20
Lead, Total	ND	0.53	0.536	101		0.538	102		75-125	0		20
Magnesium, Total	22.0	10	31.6	96		31.6	96		75-125	0		20
Manganese, Total	0.693	0.5	1.19	99		1.19	99		75-125	0		20
Nickel, Total	ND	0.5	0.508	102		0.512	102		75-125	1		20
Potassium, Total	22.2	10	33.4	112		33.3	111		75-125	0		20
Selenium, Total	ND	0.12	0.0754	**63**	Q	0.0782	**65**	Q	75-125	4		20
Silver, Total	ND	0.05	0.0518	104		0.0520	104		75-125	0		20
Sodium, Total	90.0	10	100	100		99.5	95		75-125	1		20

Matrix Spike Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 15 QC Batch ID: WG2125425-3 WG2125425-4 QC Sample: L2563172-01 Client ID: MS Sample												
Thallium, Total	ND	0.12	0.124	103		0.124	103		75-125	0		20
Vanadium, Total	ND	0.5	0.513	103		0.519	104		75-125	1		20
Zinc, Total	ND	0.5	0.511	102		0.514	103		75-125	1		20

Matrix Spike Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 15 QC Batch ID: WG2125425-7 QC Sample: L2563243-01 Client ID: MS Sample												
Aluminum, Total	0.267	2	2.43	108		-	-		75-125	-		
Antimony, Total	0.011J	0.5	0.450	90		-	-		75-125	-		
Arsenic, Total	ND	0.12	0.126	105		-	-		75-125	-		
Barium, Total	0.012	2	2.12	105		-	-		75-125	-		
Beryllium, Total	ND	0.05	0.0541	108		-	-		75-125	-		
Cadmium, Total	ND	0.053	0.0544	103		-	-		75-125	-		
Calcium, Total	6.89	10	17.8	109		-	-		75-125	-		
Chromium, Total	ND	0.2	0.223	112		-	-		75-125	-		
Cobalt, Total	0.002J	0.5	0.528	106		-	-		75-125	-		
Copper, Total	ND	0.25	0.269	108		-	-		75-125	-		
Iron, Total	0.612	1	1.78	117		-	-		75-125	-		
Lead, Total	ND	0.53	0.559	105		-	-		75-125	-		
Magnesium, Total	0.698	10	11.5	108		-	-		75-125	-		
Manganese, Total	0.045	0.5	0.582	107		-	-		75-125	-		
Nickel, Total	0.006J	0.5	0.539	108		-	-		75-125	-		
Potassium, Total	0.880J	10	12.0	120		-	-		75-125	-		
Selenium, Total	ND	0.12	0.124	103		-	-		75-125	-		
Silver, Total	ND	0.05	0.0528	106		-	-		75-125	-		
Sodium, Total	1.94J	10	13.2	**132**	Q	-	-		75-125	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 15 QC Batch ID: WG2125425-7 QC Sample: L2563243-01 Client ID: MS Sample												
Thallium, Total	ND	0.12	0.127	106		-	-		75-125	-		
Vanadium, Total	ND	0.5	0.540	108		-	-		75-125	-		
Zinc, Total	0.008J	0.5	0.540	108		-	-		75-125	-		
Total Metals - Mansfield Lab Associated sample(s): 15 QC Batch ID: WG2125427-3 WG2125427-4 QC Sample: L2563172-01 Client ID: MS Sample												
Mercury, Total	ND	0.005	0.00576	115		0.00485	97		75-125	17		20
Total Metals - Mansfield Lab Associated sample(s): 15 QC Batch ID: WG2125427-5 WG2125427-6 QC Sample: L2562848-03 Client ID: MS Sample												
Mercury, Total	0.00009J	0.005	0.00503	101		0.00504	101		75-125	0		20

Matrix Spike Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG2125436-3 QC Sample: L2562974-01 Client ID: MS Sample												
Aluminum, Total	5700	179	9230	**1980**	Q	-	-		75-125	-		
Antimony, Total	ND	44.7	ND	**0**	Q	-	-		75-125	-		
Arsenic, Total	244	10.7	330	**802**	Q	-	-		75-125	-		
Barium, Total	156	179	429	**153**	Q	-	-		75-125	-		
Beryllium, Total	ND	4.47	5.38J	**0**	Q	-	-		75-125	-		
Cadmium, Total	8.55J	4.74	14.0J	**0**	Q	-	-		75-125	-		
Calcium, Total	22600	893	39400	**1880**	Q	-	-		75-125	-		
Chromium, Total	123	17.9	142	106		-	-		75-125	-		
Cobalt, Total	ND	44.7	65.1J	**0**	Q	-	-		75-125	-		
Copper, Total	326000	22.3	9720	**0**	Q	-	-		75-125	-		
Iron, Total	129000	89.3	174000	**50400**	Q	-	-		75-125	-		
Lead, Total	1650	47.4	1220	**0**	Q	-	-		75-125	-		
Magnesium, Total	4140	893	8680	**508**	Q	-	-		75-125	-		
Manganese, Total	763	44.7	1100	**754**	Q	-	-		75-125	-		
Nickel, Total	296	44.7	146J	**0**	Q	-	-		75-125	-		
Potassium, Total	ND	893	ND	**0**	Q	-	-		75-125	-		
Selenium, Total	ND	10.7	ND	**0**	Q	-	-		75-125	-		
Silver, Total	ND	4.47	ND	**0**	Q	-	-		75-125	-		
Sodium, Total	ND	893	ND	**0**	Q	-	-		75-125	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG2125436-3 QC Sample: L2562974-01 Client ID: MS Sample												
Thallium, Total	ND	10.7	ND	**0**	Q	-	-		75-125	-		
Vanadium, Total	ND	44.7	74.7J	**0**	Q	-	-		75-125	-		
Zinc, Total	127000	44.7	6570	**0**	Q	-	-		75-125	-		
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG2125438-3 QC Sample: L2562974-01 Client ID: MS Sample												
Mercury, Total	3.25	1.57	6.36	**198**	Q	-	-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 07-09,11-12 QC Batch ID: WG2125528-3 QC Sample: L2563418-01 Client ID: MS Sample												
Aluminum, Total	8930	180	10400	**815**	Q	-	-		75-125	-		
Antimony, Total	ND	45.1	26.4	**58**	Q	-	-		75-125	-		
Arsenic, Total	ND	10.8	10.2	94		-	-		75-125	-		
Barium, Total	46.4	180	229	101		-	-		75-125	-		
Beryllium, Total	0.437J	4.51	5.03	111		-	-		75-125	-		
Cadmium, Total	0.158J	4.78	4.76	100		-	-		75-125	-		
Calcium, Total	1130	902	1730	**66**	Q	-	-		75-125	-		
Chromium, Total	15.8	18	33.3	97		-	-		75-125	-		
Cobalt, Total	12.4	45.1	55.6	96		-	-		75-125	-		
Copper, Total	17.9	22.6	35.1	76		-	-		75-125	-		
Iron, Total	21100	90.2	21800	**776**	Q	-	-		75-125	-		
Lead, Total	10.7	47.8	57.4	98		-	-		75-125	-		
Magnesium, Total	4220	902	5320	122		-	-		75-125	-		
Manganese, Total	357	45.1	418	**135**	Q	-	-		75-125	-		
Nickel, Total	17.7	45.1	62.6	100		-	-		75-125	-		
Potassium, Total	968	902	1880	101		-	-		75-125	-		
Selenium, Total	0.465J	10.8	7.45	**69**	Q	-	-		75-125	-		
Silver, Total	ND	4.51	4.27	95		-	-		75-125	-		
Sodium, Total	700	902	1730	114		-	-		75-125	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 07-09,11-12 QC Batch ID: WG2125528-3 QC Sample: L2563418-01 Client ID: MS Sample												
Thallium, Total	ND	10.8	10.7	99		-	-		75-125	-		
Vanadium, Total	21.1	45.1	64.5	96		-	-		75-125	-		
Zinc, Total	40.3	45.1	87.3	104		-	-		75-125	-		
Total Metals - Mansfield Lab Associated sample(s): 07-09,11-12 QC Batch ID: WG2125534-3 QC Sample: L2563418-01 Client ID: MS Sample												
Mercury, Total	ND	1.78	1.65	93		-	-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 10 QC Batch ID: WG2125677-3 WG2125677-4 QC Sample: L2562994-10 Client ID: GZ-15 (0-2')												
Aluminum, Total	1740	165	2020	**170**	Q	1870	80		75-125	8		20
Antimony, Total	ND	41.2	28.9	**70**	Q	30.2	**74**	Q	75-125	4		20
Arsenic, Total	1.90	9.88	11.8	100		11.5	98		75-125	3		20
Barium, Total	19.0	165	194	106		184	101		75-125	5		20
Beryllium, Total	0.103J	4.12	4.40	107		4.30	106		75-125	2		20
Cadmium, Total	0.103J	4.36	4.37	100		4.30	100		75-125	2		20
Calcium, Total	1640	824	2460	100		2010	**46**	Q	75-125	20		20
Chromium, Total	6.02	16.5	22.3	99		21.7	96		75-125	3		20
Cobalt, Total	1.22J	41.2	43.0	104		42.3	104		75-125	2		20
Copper, Total	7.99	20.6	29.1	102		32.0	118		75-125	9		20
Iron, Total	5160	82.4	4550	**0**	Q	3950	**0**	Q	75-125	14		20
Lead, Total	26.8	43.6	72.3	104		69.1	98		75-125	5		20
Magnesium, Total	1140	824	2070	113		1760	76		75-125	16		20
Manganese, Total	39.4	41.2	80.2	99		71.2	78		75-125	12		20
Nickel, Total	3.89	41.2	45.7	102		44.9	101		75-125	2		20
Potassium, Total	416	824	1290	106		1210	98		75-125	6		20
Selenium, Total	ND	9.88	10.1	102		9.76	100		75-125	3		20
Silver, Total	ND	4.12	4.25	103		4.18	103		75-125	2		20
Sodium, Total	ND	824	914	111		870	107		75-125	5		20

Matrix Spike Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 10 QC Batch ID: WG2125677-3 WG2125677-4 QC Sample: L2562994-10 Client ID: GZ-15 (0-2')												
Thallium, Total	ND	9.88	10.1	102		10.2	104		75-125	1		20
Vanadium, Total	9.46	41.2	52.5	104		51.0	102		75-125	3		20
Zinc, Total	26.5	41.2	67.4	99		65.2	95		75-125	3		20
Total Metals - Mansfield Lab Associated sample(s): 10 QC Batch ID: WG2125684-3 WG2125684-4 QC Sample: L2562994-10 Client ID: GZ-15 (0-2')												
Mercury, Total	ND	1.55	1.56	101		1.73	100		80-120	10		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT

Project Number: 41.0163476.00

Lab Number: L2562994

Report Date: 10/21/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 15 QC Batch ID: WG2125425-8 QC Sample: L2563243-01 Client ID: DUP Sample						
Arsenic, Total	ND	ND	mg/l	NC		20
Iron, Total	0.612	0.622	mg/l	2		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT

Project Number: 41.0163476.00

Lab Number: L2562994

Report Date: 10/21/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG2125436-4 QC Sample: L2562974-01 Client ID: DUP Sample						
Aluminum, Total	5700	15200	mg/kg	**91**	Q	20
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	244	570	mg/kg	**80**	Q	20
Barium, Total	156	391	mg/kg	**86**	Q	20
Beryllium, Total	ND	ND	mg/kg	NC		20
Cadmium, Total	8.55J	12.5J	mg/kg	NC		20
Calcium, Total	22600	49600	mg/kg	**75**	Q	20
Chromium, Total	123	216	mg/kg	**55**	Q	20
Cobalt, Total	ND	21.7J	mg/kg	NC		20
Copper, Total	326000	17100	mg/kg	**180**	Q	20
Iron, Total	129000	222000	mg/kg	**53**	Q	20
Lead, Total	1650	1200	mg/kg	**32**	Q	20
Magnesium, Total	4140	8410	mg/kg	**68**	Q	20
Manganese, Total	763	1290	mg/kg	**51**	Q	20
Nickel, Total	296	174J	mg/kg	NC		20
Potassium, Total	ND	ND	mg/kg	NC		20
Selenium, Total	ND	ND	mg/kg	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT

Project Number: 41.0163476.00

Lab Number: L2562994

Report Date: 10/21/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG2125436-4 QC Sample: L2562974-01 Client ID: DUP Sample						
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	ND	ND	mg/kg	NC		20
Thallium, Total	ND	ND	mg/kg	NC		20
Vanadium, Total	ND	28.3J	mg/kg	NC		20
Zinc, Total	127000	10000	mg/kg	**171**	Q	20
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG2125438-4 QC Sample: L2562974-01 Client ID: DUP Sample						
Mercury, Total	3.25	4.74	mg/kg	**37**	Q	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 07-09,11-12 QC Batch ID: WG2125528-4 QC Sample: L2563418-01 Client ID: DUP Sample						
Aluminum, Total	8930	11200	mg/kg	**23**	Q	20
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	ND	ND	mg/kg	NC		20
Barium, Total	46.4	52.7	mg/kg	13		20
Beryllium, Total	0.437J	0.567	mg/kg	NC		20
Cadmium, Total	0.158J	0.194J	mg/kg	NC		20
Chromium, Total	15.8	18.5	mg/kg	16		20
Cobalt, Total	12.4	15.8	mg/kg	**24**	Q	20
Copper, Total	17.9	9.00	mg/kg	**66**	Q	20
Lead, Total	10.7	15.1	mg/kg	**34**	Q	20
Manganese, Total	357	380	mg/kg	6		20
Nickel, Total	17.7	22.8	mg/kg	**25**	Q	20
Selenium, Total	0.465J	0.466J	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Thallium, Total	ND	ND	mg/kg	NC		20
Vanadium, Total	21.1	23.1	mg/kg	9		20
Zinc, Total	40.3	52.9	mg/kg	**27**	Q	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT

Project Number: 41.0163476.00

Lab Number: L2562994

Report Date: 10/21/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 07-09,11-12 QC Batch ID: WG2125534-4 QC Sample: L2563418-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2562994
Report Date: 10/21/25

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 15 QC Batch ID: WG2125425-6 QC Sample: L2563172-01 Client ID: DUP Sample						
Calcium, Total	132.	136.	mg/l	3		20
Iron, Total	1.29	1.37	mg/l	6		20
Magnesium, Total	22.0	22.7	mg/l	3		20
Manganese, Total	0.693	0.711	mg/l	3		20
Sodium, Total	90.0	89.3	mg/l	1		20
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG2125436-6 QC Sample: L2562974-01 Client ID: DUP Sample						
Copper, Total	326000	350000	mg/kg	7		20
Iron, Total	129000	133000	mg/kg	3		20
Zinc, Total	127000	137000	mg/kg	8		20
Total Metals - Mansfield Lab Associated sample(s): 07-09,11-12 QC Batch ID: WG2125528-6 QC Sample: L2563418-01 Client ID: DUP Sample						
Aluminum, Total	8930	9450	mg/kg	6		20
Barium, Total	46.4	49.7	mg/kg	7		20
Manganese, Total	357	384	mg/kg	8		20
Total Metals - Mansfield Lab Associated sample(s): 10 QC Batch ID: WG2125677-6 QC Sample: L2562994-10 Client ID: GZ-15 (0-2')						
Aluminum, Total	1740	2060	mg/kg	18		20
Calcium, Total	1640	1940	mg/kg	18		20
Iron, Total	5160	6220	mg/kg	**21**	Q	20
Magnesium, Total	1140	1430	mg/kg	**25**	Q	20
Manganese, Total	39.4	46.9	mg/kg	19		20

INORGANICS
&
MISCELLANEOUS

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2562994
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-01
Client ID: GZ-06 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Sample Depth:
Matrix: Soil
Date Collected: 10/06/25 12:45
Date Received: 10/06/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95.7		%	0.100	NA	1	-	10/08/25 01:29	121,2540G	JMN

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2562994
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-02
Client ID: GZ-06 (2.5-4.5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Sample Depth:
Matrix: Soil
Date Collected: 10/06/25 12:50
Date Received: 10/06/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95.5		%	0.100	NA	1	-	10/08/25 01:29	121,2540G	JMN

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2562994
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-03
Client ID: GZ-07 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Sample Depth:
Matrix: Soil
Date Collected: 10/06/25 11:30
Date Received: 10/06/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.5		%	0.100	NA	1	-	10/08/25 01:29	121,2540G	JMN

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2562994
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-04
Client ID: GZ-07 (3-5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Sample Depth:
Matrix: Soil
Date Collected: 10/06/25 11:35
Date Received: 10/06/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.1		%	0.100	NA	1	-	10/08/25 01:29	121,2540G	JMN

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2562994
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-05
Client ID: GZ-10 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Sample Depth:
Matrix: Soil
Date Collected: 10/06/25 10:00
Date Received: 10/06/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.7		%	0.100	NA	1	-	10/08/25 01:29	121,2540G	JMN

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2562994
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-06
Client ID: GZ-10 (2.5-4.5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Sample Depth:
Matrix: Soil
Date Collected: 10/06/25 10:05
Date Received: 10/06/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.5		%	0.100	NA	1	-	10/08/25 01:29	121,2540G	JMN

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
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Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-07
Client ID: GZ-10 (6-8')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Sample Depth:
Matrix: Soil

Date Collected: 10/06/25 10:10
Date Received: 10/06/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.0		%	0.100	NA	1	-	10/08/25 03:24	121,2540G	JMN

Project Name: OCEAN BAY REDEVELOPMENT
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Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-08
Client ID: GZ-11 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Sample Depth:
Matrix: Soil
Date Collected: 10/06/25 10:15
Date Received: 10/06/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.4		%	0.100	NA	1	-	10/08/25 03:24	121,2540G	JMN

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2562994
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-09
Client ID: GZ-11 (2.5-4.5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Sample Depth:
Matrix: Soil
Date Collected: 10/06/25 10:20
Date Received: 10/06/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95.3		%	0.100	NA	1	-	10/08/25 03:24	121,2540G	JMN

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2562994
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-10
Client ID: GZ-15 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Sample Depth:
Matrix: Soil
Date Collected: 10/06/25 12:05
Date Received: 10/06/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.9		%	0.100	NA	1	-	10/08/25 03:24	121,2540G	JMN

Project Name: OCEAN BAY REDEVELOPMENT
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Lab Number: L2562994
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-11
Client ID: GZ-15 (3-5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Sample Depth:
Matrix: Soil
Date Collected: 10/06/25 12:20
Date Received: 10/06/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.7		%	0.100	NA	1	-	10/08/25 03:24	121,2540G	JMN

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2562994
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2562994-12
Client ID: DUPLICATE-10-06-2025
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Date Collected: 10/06/25 00:00
Date Received: 10/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.6		%	0.100	NA	1	-	10/08/25 03:24	121,2540G	JMN

Lab Duplicate Analysis

Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT

Project Number: 41.0163476.00

Lab Number: L2562994

Report Date: 10/21/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG2124895-1 QC Sample: L2562914-04 Client ID: DUP Sample						
Solids, Total	83.8	83.6	%	0		10
General Chemistry - Westborough Lab Associated sample(s): 07-12 QC Batch ID: WG2124925-1 QC Sample: L2562994-10 Client ID: GZ-15 (0-2')						
Solids, Total	93.9	93.9	%	0		10

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2562994-01A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2562994-01B	Vial water preserved	NA	NA			Y	Absent	07-OCT-25 14:47	NYTCL-8260HLW(14)
L2562994-01C	Vial water preserved	NA	NA			Y	Absent	07-OCT-25 14:47	NYTCL-8260HLW(14)
L2562994-01D	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2562994-01E	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),SB-TI(180),PB-TI(180),CU-TI(180),ZN-TI(180),SE-TI(180),V-TI(180),CO-TI(180),HG-T(28),MG-TI(180),MN-TI(180),FE-TI(180),NA-TI(180),CA-TI(180),K-TI(180),CD-TI(180)
L2562994-01F	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2562994-02A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2562994-02B	Vial water preserved	NA	NA			Y	Absent	07-OCT-25 14:47	NYTCL-8260HLW(14)
L2562994-02C	Vial water preserved	NA	NA			Y	Absent	07-OCT-25 14:47	NYTCL-8260HLW(14)
L2562994-02D	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2562994-02E	PLASTIC 90mL UNPRESERVED FOR PFA	NA	NA			Y	Absent		A2-NY-1633(90)
L2562994-02F	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2562994-02G	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),CO-TI(180),V-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180)

*Values in parentheses indicate holding time in days

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2562994-02H	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2562994-03A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2562994-03B	Vial water preserved	NA	NA			Y	Absent	07-OCT-25 14:47	NYTCL-8260HLW(14)
L2562994-03C	Vial water preserved	NA	NA			Y	Absent	07-OCT-25 14:47	NYTCL-8260HLW(14)
L2562994-03D	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2562994-03E	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),PB-TI(180),ZN-TI(180),SE-TI(180),CU-TI(180),SB-TI(180),V-TI(180),CO-TI(180),MN-TI(180),HG-T(28),MG-TI(180),FE-TI(180),CA-TI(180),CD-TI(180),NA-TI(180),K-TI(180)
L2562994-03F	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2562994-04A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2562994-04B	Vial water preserved	NA	NA			Y	Absent	07-OCT-25 14:47	NYTCL-8260HLW(14)
L2562994-04C	Vial water preserved	NA	NA			Y	Absent	07-OCT-25 14:47	NYTCL-8260HLW(14)
L2562994-04D	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2562994-04E	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),SB-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NA-TI(180),K-TI(180),CA-TI(180),CD-TI(180)
L2562994-04F	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2562994-05A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2562994-05B	Vial water preserved	NA	NA			Y	Absent	07-OCT-25 14:47	NYTCL-8260HLW(14)
L2562994-05C	Vial water preserved	NA	NA			Y	Absent	07-OCT-25 14:47	NYTCL-8260HLW(14)
L2562994-05D	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2562994-05E	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),CU-TI(180),V-TI(180),CO-TI(180),HG-T(28),MN-TI(180),MG-TI(180),FE-TI(180),CA-TI(180),K-TI(180),NA-TI(180),CD-TI(180)
L2562994-05F	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2562994-06A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260H(14),NYTCL-8260HLW(14)
L2562994-06B	Vial water preserved	NA	NA			Y	Absent	07-OCT-25 14:47	NYTCL-8260H(14),NYTCL-8260HLW(14)
L2562994-06C	Vial water preserved	NA	NA			Y	Absent	07-OCT-25 14:47	NYTCL-8260H(14),NYTCL-8260HLW(14)
L2562994-06D	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2562994-06E	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),SB-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),V-TI(180),CO-TI(180),HG-T(28),MG-TI(180),MN-TI(180),FE-TI(180),NA-TI(180),CA-TI(180),K-TI(180),CD-TI(180)
L2562994-06F	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2562994-06X	Vial Water preserved split	NA	NA			Y	Absent	**19-OCT-25 12:36**	NYTCL-8260H(14),NYTCL-8260HLW(14)
L2562994-06Y	Vial Water preserved split	NA	NA			Y	Absent		NYTCL-8260H(14),NYTCL-8260HLW(14)
L2562994-07A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260H(14),NYTCL-8260HLW(14)
L2562994-07B	Vial water preserved	NA	NA			Y	Absent	07-OCT-25 14:47	NYTCL-8260H(14),NYTCL-8260HLW(14)
L2562994-07C	Vial water preserved	NA	NA			Y	Absent	07-OCT-25 14:47	NYTCL-8260H(14),NYTCL-8260HLW(14)
L2562994-07D	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2562994-07E	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),SE-TI(180),CU-TI(180),CO-TI(180),V-TI(180),HG-T(28),FE-TI(180),MN-TI(180),MG-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2562994-07F	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)

*Values in parentheses indicate holding time in days

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2562994-08A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2562994-08B	Vial water preserved	NA	NA			Y	Absent	07-OCT-25 14:47	NYTCL-8260HLW(14)
L2562994-08C	Vial water preserved	NA	NA			Y	Absent	07-OCT-25 14:47	NYTCL-8260HLW(14)
L2562994-08D	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2562994-08E	PLASTIC 90mL UNPRESERVED FOR PFA	NA	NA			Y	Absent		A2-NY-1633(90)
L2562994-08F	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2562994-08G	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),NA-TI(180),CD-TI(180),K-TI(180),CA-TI(180)
L2562994-08H	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2562994-08X	Vial Water preserved split	NA	NA			Y	Absent	**19-OCT-25 12:36**	NYTCL-8260HLW(14)
L2562994-08Y	Vial Water preserved split	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2562994-09A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2562994-09B	Vial water preserved	NA	NA			Y	Absent	07-OCT-25 14:47	NYTCL-8260HLW(14)
L2562994-09C	Vial water preserved	NA	NA			Y	Absent	07-OCT-25 14:47	NYTCL-8260HLW(14)
L2562994-09D	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2562994-09E	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),SE-TI(180),SB-TI(180),PB-TI(180),CU-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),CD-TI(180),NA-TI(180),CA-TI(180),K-TI(180)
L2562994-09F	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2562994-10A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2562994-10A1	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2562994-10A2	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2562994-10B	Vial water preserved	NA	NA			Y	Absent	07-OCT-25 14:47	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2562994
Report Date: 10/21/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2562994-10B1	Vial water preserved	NA	NA			Y	Absent	07-OCT-25 14:47	NYTCL-8260HLW(14)
L2562994-10B2	Vial water preserved	NA	NA			Y	Absent	07-OCT-25 14:47	NYTCL-8260HLW(14)
L2562994-10C	Vial water preserved	NA	NA			Y	Absent	07-OCT-25 14:47	NYTCL-8260HLW(14)
L2562994-10C1	Vial water preserved	NA	NA			Y	Absent	07-OCT-25 14:47	NYTCL-8260HLW(14)
L2562994-10C2	Vial water preserved	NA	NA			Y	Absent	07-OCT-25 14:47	NYTCL-8260HLW(14)
L2562994-10D	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2562994-10D1	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2562994-10D2	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2562994-10E	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),SE-TI(180),PB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CD-TI(180),CA-TI(180),NA-TI(180),K-TI(180)
L2562994-10E1	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),SE-TI(180),PB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CD-TI(180),CA-TI(180),NA-TI(180),K-TI(180)
L2562994-10E2	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),SE-TI(180),PB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CD-TI(180),CA-TI(180),NA-TI(180),K-TI(180)
L2562994-10F	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2562994-10F1	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2562994-10F2	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2562994-11A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

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Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2562994-11B	Vial water preserved	NA	NA			Y	Absent	07-OCT-25 14:47	NYTCL-8260HLW(14)
L2562994-11C	Vial water preserved	NA	NA			Y	Absent	07-OCT-25 14:47	NYTCL-8260HLW(14)
L2562994-11D	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2562994-11E	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),SE-TI(180),ZN-TI(180),SB-TI(180),CU-TI(180),PB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),NA-TI(180),CD-TI(180),K-TI(180)
L2562994-11F	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2562994-11G	PLASTIC 90mL UNPRESERVED FOR PFA	NA	NA			Y	Absent		A2-NY-1633(90)
L2562994-11H	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2562994-12A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2562994-12B	Vial water preserved	NA	NA			Y	Absent	07-OCT-25 14:47	NYTCL-8260HLW(14)
L2562994-12C	Vial water preserved	NA	NA			Y	Absent	07-OCT-25 14:47	NYTCL-8260HLW(14)
L2562994-12D	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2562994-12E	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),ZN-TI(180),PB-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),MN-TI(180),HG-T(28),CD-TI(180),K-TI(180),CA-TI(180),NA-TI(180)
L2562994-12F	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2562994-13A	Plastic 250ml unpreserved	NA	NA			Y	Absent		A2-NY-1633(28)
L2562994-14A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260H(14),NYTCL-8260HLW(14)
L2562994-14B	Vial water preserved	NA	NA			Y	Absent	**07-OCT-25 14:47**	NYTCL-8260H(14),NYTCL-8260HLW(14)
L2562994-14C	Vial water preserved	NA	NA			Y	Absent	**07-OCT-25 14:47**	NYTCL-8260H(14),NYTCL-8260HLW(14)
L2562994-15A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2562994-15B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2562994-15C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2562994-15D	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7)
L2562994-15E	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7)
L2562994-15F	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8081-RVT(7)
L2562994-15G	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8081-RVT(7)
L2562994-15H	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8082-RVT(365)
L2562994-15I	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8082-RVT(365)
L2562994-15J	Plastic 250ml unpreserved	NA	NA			Y	Absent		ARCHIVE()
L2562994-15L	Plastic 250ml HNO3 preserved	NA	<2	<2		Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MG-TI(180),HG-T(28),FE-TI(180),MN-TI(180),NA-TI(180),CD-TI(180),CA-TI(180),K-TI(180)
L2562994-15M	Amber 1L unpreserved	NA	NA			Y	Absent		HERB-APA(7)
L2562994-15N	Amber 1L unpreserved	NA	NA			Y	Absent		HERB-APA(7)
L2562994-15X	Plastic 120ml HNO3 preserved Filtrates	NA	NA			Y	Absent		ARCHIVE()

*Values in parentheses indicate holding time in days

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PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

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PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

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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.

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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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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.)

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REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

168 Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS. EPA Method 1633A, EPA 820-R-24-007, December 2024. For Massachusetts Contingency Plan, WSC-CAM-XA, September 2025.

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

Pace ANALYTICAL SERVICES

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Woodcliff Lake, NJ 07677: 123 Tice Blvd, Suite 101
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 2

Date Rec'd in Lab: 10/07/25

Pace Job #: L2562997

Client Information
Client: GZA GeoEnvironmental
Address: 104 W 29th St
New York, NY 10001
Phone: 718 594 8140
Fax:
Email: Rembill.Marquez@GZA.com

Project Information
Project Name: Crown Bay Redevelopment
Project Location: 53-01 Beach Channel Dr, Far Rockaway, NY
Project #: 41.0163476.00
(Use Project name as Project #)
Project Manager: Rembill Marquez
PACE Quote #: 00193169

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 Pace ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

PACE Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOCs by 8260	TCL SVOCs by 8270	TAL Metals by 6010	Pesticides by 8081	Herbicides by 8151	PCBs by 8082A	PFAS by 1633	Sample Specific Comments	Total Bottles
62997 01	GZ-06 (0-2')	10/6/25	1245	SO		X	X	X	X	X	X			6
02	GZ-06 (2.5-4.5')		1250									X		1
03	GZ-07 (0-2')		1130											
04	GZ-07 (3-5')		1135											
05	GZ-10 (0-2')		1000											
06	GZ-10 (2.5-4.5')		1005											
07	GZ-10 (6-8')		1010											
08	GZ-11 (0-2')		1015									K		
09	GZ-11 (2.5-4.5')		1020											1
10	GZ-15 (0-2')		1245											6

NEW YORK CHAIN OF CUSTODY

Pace ANALYTICAL SERVICES

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Woodcliff Lake, NJ 07677: 123 Tice Blvd, Suite 101
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 2 of 2

Date Rec'd in Lab: 10/07/25

Pace Job #: L2562994

Client Information

Client: GZA GeoEnvironmental
Address: 104 W 29th St
New York, NY 10001
Phone: 212 544 8140
Fax:
Email: Rembll.Manriquez@GZA.com

Project Information

Project Name: Ocean Bay Redevelopment
Project Location: 53-01 Beach Channel Dr, Far Rockaway, NY
Project #: 01.0163476.00
(Use Project name as Project #)
Project Manager: Rembll Manriquez
PACE Quote #: 00143169

Turn-Around Time

Standard: X
Rush (only if pre approved):
Due Date:
# of Days:

Deliverables

- ASP-A
- ASP-B: X
- EQuIS (1 File)
- EQuIS (4 File)
- Other

Regulatory Requirement

- NY TOGS
- NY Part 375: X
- 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 Pace

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
- Done
- Lab to do

Preservation
- Lab to do

(Please Specify below)

PACE Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOCs by 8260	TCL SVOCs by 8270	TAL Metals by 6010	Pesticides by 8081	Herbicides by 8151	PCBs by 8082A	PFAS by 1633	Sample Specific Comments	Total Bottle
62997 10	GZ-15 (0-2') MS	10/6/25	1210	Soil		X	X	X	X	X	X			6
10	GZ-15 (0-2') MSD	10/6/25	1215	Soil		X	X	X	X	X	X			6
11	GZ-15 (3-5')	10/6/25	1220	Soil		X	X	X	X	X	X	X		8
12	Duplicate-10-06-2025	10/6/25	—	Soil		X	X	X	X	X	X	X		8
13	EB-PFAS-2025-10-06	10/6/25	1100	water								X		2
14	Trip Blank-2025-10-06	10/6/25	—	—	CB	X								4
15	Field Blank-2025-10-06	10/6/25	1115	water		X	X	X	X	X	X			12

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	V	A	A	A	A	A	P	
Preservative	O/E	A	A	A	A	A	A	

Relinquished By:	Date/Time	Received By:	Date/Time
	10/6/25 1410		10/6/25 1910
	10/6/25 2000	Anthony Green	OCT 06 2025 2100
Anthony Green		Alberto Liz	10-7-25 0115
Alberto Liz	10-7-25 0310		10/7 0310

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY PACE'S TERMS & CONDITIONS. (See reverse side.)

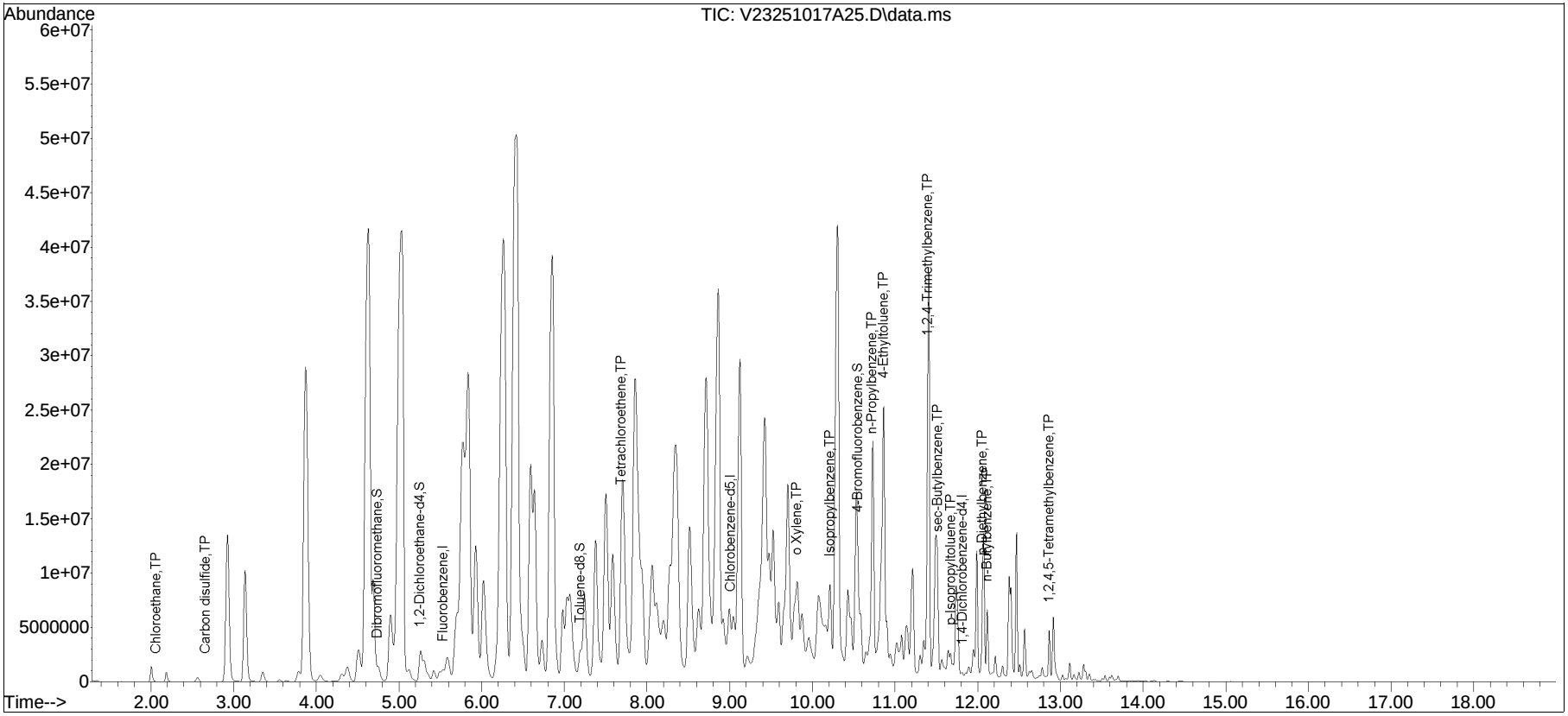
Form No: 01-25 HC (rev. 29-Jan-2025)

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251017A\
Data File : V23251017A25.D
Acq On : 17 Oct 2025 05:29 pm
Operator : VOA123:JIC
Sample : L2562994-07,31,5.30,5,,B,32.30,37.85,0.25
Misc : WG2129545,ICAL22214
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Oct 18 08:03:20 2025
Quant Method : K:\VOA123\2025\251017A\V123_250418A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Apr 21 07:32:25 2025
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox251017A01.D•

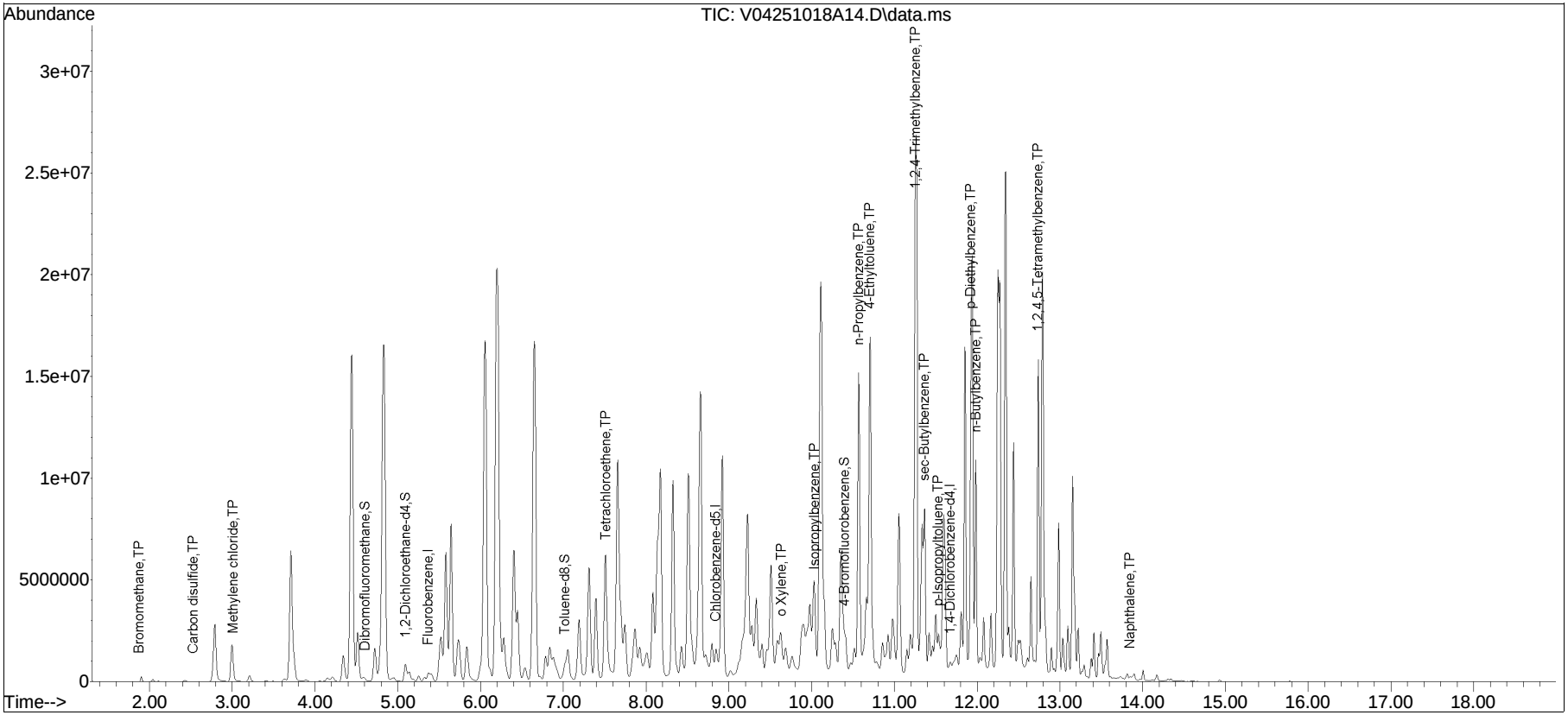


Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\251018A\
Data File : V04251018A14.D
Acq On : 18 Oct 2025 4:00 pm
Operator : VOA104:JIC
Sample : l2562994-07,31h,5.54,5,0.100,,a,29.55,35.34,0
Misc : WG2129769,ICAL22360
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Oct 19 08:15:16 2025
Quant Method : K:\VOA104\2025\251018A\V104_250611A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jun 12 14:02:06 2025
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox251018A01.D•



Sample Delivery Group Summary

Pace Job Number : L2562994

Account Name : GZA GeoEnvironmental, Inc.
Project Number : 41.0163476.00
Project Name : OCEAN BAY REDEVELOPMENT

Received : 06-OCT-2025
Reviewer : Samira Sampaio

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	2.6	
B	Absent/	Ice	2.6	
C	Absent/	Ice	3.4	

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:	L2563358
Client:	GZA GeoEnvironmental, Inc. 104 West 29th Street, 10th Floor New York, NY 10001
ATTN:	Reinbill Maniquez
Phone:	(212) 594-8140
Project Name:	OCEAN BAY REDEVELOPMENT
Project Number:	41.0163476.00
Report Date:	10/21/25

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: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2563358-01	GZ-02 (0-2')	SOIL	53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY	10/07/25 12:10	10/07/25
L2563358-02	GZ-02 (2.5-4.5')	SOIL	53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY	10/07/25 12:15	10/07/25
L2563358-03	GZ-05 (0-2')	SOIL	53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY	10/07/25 14:25	10/07/25
L2563358-04	GZ-05 (2.5-4.5')	SOIL	53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY	10/07/25 14:30	10/07/25
L2563358-05	GZ-12 (0-2')	SOIL	53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY	10/07/25 14:10	10/07/25
L2563358-06	GZ-12 (2.5-4.5')	SOIL	53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY	10/07/25 14:15	10/07/25
L2563358-07	GZ-13 (0-2')	SOIL	53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY	10/07/25 08:55	10/07/25
L2563358-08	GZ-13 (2.5-4.5')	SOIL	53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY	10/07/25 09:00	10/07/25
L2563358-09	GZ-14 (0-2')	SOIL	53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY	10/07/25 12:00	10/07/25
L2563358-10	GZ-14 (2.5-4.5')	SOIL	53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY	10/07/25 12:05	10/07/25
L2563358-11	TRIP BLANK-2025-10-7	SOIL	53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY	10/07/25 00:00	10/07/25
L2563358-12	EQ-PFAS-2025-10-7	WATER	53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY	10/07/25 15:00	10/07/25
L2563358-13	GZ-01 (0-2')	SOIL	53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY	10/08/25 08:15	10/08/25
L2563358-14	GZ-01 (2.5-4.5')	SOIL	53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY	10/08/25 08:20	10/08/25
L2563358-15	GZ-03 (0-2')	SOIL	53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY	10/08/25 11:00	10/08/25
L2563358-16	GZ-03 (2.5-4.5')	SOIL	53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY	10/08/25 11:05	10/08/25
L2563358-17	GZ-04 (0-2')	SOIL	53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY	10/08/25 10:30	10/08/25
L2563358-18	GZ-04 (3-5')	SOIL	53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY	10/08/25 10:35	10/08/25
L2563358-19	GZ-08 (0-2')	SOIL	53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY	10/08/25 08:50	10/08/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2563358-20	GZ-08 (2.5-4.5')	SOIL	53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY	10/08/25 08:55	10/08/25
L2563358-21	GZ-09 (0-2')	SOIL	53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY	10/08/25 11:25	10/08/25
L2563358-22	GZ-09 (2.5-4.5')	SOIL	53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY	10/08/25 11:30	10/08/25
L2563358-23	DUPLICATE-2028-10-08	SOIL	53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY	10/08/25 00:00	10/08/25
L2563358-24	EB-PFAS_2025-10-8	WATER	53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY	10/08/25 12:10	10/08/25
L2563358-25	TRIP BLANK-2025-10-8	SOIL	53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY	10/08/25 00:00	10/08/25
L2563358-26	FIELD BLANK	WATER	53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY	10/08/25 12:15	10/08/25

Project Name:	OCEAN BAY REDEVELOPMENT	**Lab Number:**	L2563358
Project Number:	41.0163476.00	**Report Date:**	10/21/25

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:	OCEAN BAY REDEVELOPMENT	**Lab Number:**	L2563358
Project Number:	41.0163476.00	**Report Date:**	10/21/25

Case Narrative (continued)

Report Submission

October 21, 2025: This final report includes the results of all requested analyses.

October 20, 2025: This is a preliminary report.

October 15, 2025: This is a preliminary report.

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

Sample Receipt

L2563358-26: A sample identified as "FIELD BLANK" was received, but not listed on the chain of custody. At the client's request, this sample was analyzed.

Semivolatile Organics

L2563358-19: The surrogate recoveries were outside the acceptance criteria for 2-fluorophenol (13%) and 2,4,6-tribromophenol (7%); however, re-extraction achieved similar results: 2-fluorophenol (16%) and 2,4,6-tribromophenol (9%). The results of both extractions are reported and all associated compounds are considered to have a potential bias.

The WG2125998-6/-7 MS/MSD recoveries performed on L2563358-21 are below the acceptance criteria for hexachlorocyclopentadiene (0%/0%), 2,4-dinitrophenol (0%/0%), 4,6-dinitro-o-cresol (MS 0%) and benzoic acid (0%/0%) due to the concentration of this compound in the MS/MSD falling below the reported detection limit.

The WG2125998-7 MSD recovery performed on L2563358-21 is below the acceptance criteria for 4,6-dinitro-o-cresol (7%); however, it has been identified as a "difficult" analyte. The results of the associated sample are reported.

Perfluorinated Alkyl Acids by 1633

L2563358-02, -06, -10, and -18RE: The analysis of Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)

Project Name:	OCEAN BAY REDEVELOPMENT	**Lab Number:**	L2563358
Project Number:	41.0163476.00	**Report Date:**	10/21/25

Case Narrative (continued)

exceeded the 3-day holding time recommended by the method for soil/sediment and tissue matrices.
L2563358-18RE: The sample was re-extracted within holding time due to QC failures in the original extraction. The results of the re-extraction are reported.
WG2126047-2R: The sample was re-analyzed due to QC failures in the original analysis. The results of the re-analysis are reported.

PCBs
L2563358-23D: The sample has elevated detection limits due to the dilution required by the sample matrix.

Pesticides
L2563358-18D and -23D: The sample has elevated detection limits due to the dilution required by the sample matrix.
L2563358-18D: The surrogate recoveries are outside the acceptance criteria for decachlorobiphenyl (291%, 307%); however, the sample was not re-extracted due to coelution with obvious interferences.

Total Metals
L2563358-01 through -10 and -13 through -23: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.
The WG2126407-3/-4 MS/MSD recoveries performed on L2563358-21 do not apply for aluminum (153%/442%) and iron (818%/1670%) because the sample concentrations are greater than four times the spike amounts added.
The WG2126407-3/-4 MS/MSD recoveries performed on L2563358-21 are outside the acceptance criteria for potassium (MSD 126%) and zinc (0%/0%). A post digestion spike was performed and was within acceptance criteria.
The WG2126407-3/-4 MS/MSD RPD performed on L2563358-21 is above the acceptance criteria for aluminum (23%).

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: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 10/21/25

ORGANICS

VOLATILES

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-01 Date Collected: 10/07/25 12:10

Client ID: GZ-02 (0-2') Date Received: 10/07/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 10/19/25 10:46

Analyst: JIC

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.3	2.9	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.18	1
Chloroform	ND		ug/kg	1.9	0.18	1
Carbon tetrachloride	ND		ug/kg	1.3	0.29	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.16	1
Dibromochloromethane	ND		ug/kg	1.3	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.34	1
Tetrachloroethene	2.0		ug/kg	0.63	0.25	1
Chlorobenzene	ND		ug/kg	0.63	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.1	0.88	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.63	0.21	1
Bromodichloromethane	ND		ug/kg	0.63	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.35	1
cis-1,3-Dichloropropene	ND		ug/kg	0.63	0.20	1
1,3-Dichloropropene, Total	ND		ug/kg	0.63	0.20	1
1,1-Dichloropropene	ND		ug/kg	0.63	0.20	1
Bromoform	ND		ug/kg	5.1	0.31	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.63	0.21	1
Benzene	ND		ug/kg	0.63	0.21	1
Toluene	ND		ug/kg	1.3	0.69	1
Ethylbenzene	ND		ug/kg	1.3	0.18	1
Chloromethane	ND		ug/kg	5.1	1.2	1
Bromomethane	ND		ug/kg	2.5	0.74	1
Vinyl chloride	ND		ug/kg	1.3	0.42	1
Chloroethane	ND		ug/kg	2.5	0.57	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.17	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-01 Date Collected: 10/07/25 12:10

Client ID: GZ-02 (0-2') Date Received: 10/07/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.63	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.5	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.22	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.25	1
p/m-Xylene	ND		ug/kg	2.5	0.71	1
o-Xylene	ND		ug/kg	1.3	0.37	1
Xylenes, Total	ND		ug/kg	1.3	0.37	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.22	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.17	1
Dibromomethane	ND		ug/kg	2.5	0.30	1
Styrene	ND		ug/kg	1.3	0.25	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	ND		ug/kg	13	6.1	1
Carbon disulfide	ND		ug/kg	13	5.8	1
2-Butanone	ND		ug/kg	13	2.8	1
Vinyl acetate	ND		ug/kg	13	2.7	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.5	0.16	1
2-Hexanone	ND		ug/kg	13	1.5	1
Bromochloromethane	ND		ug/kg	2.5	0.26	1
2,2-Dichloropropane	ND		ug/kg	2.5	0.26	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.35	1
1,3-Dichloropropane	ND		ug/kg	2.5	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.63	0.17	1
Bromobenzene	ND		ug/kg	2.5	0.18	1
n-Butylbenzene	ND		ug/kg	1.3	0.21	1
sec-Butylbenzene	ND		ug/kg	1.3	0.18	1
tert-Butylbenzene	ND		ug/kg	2.5	0.15	1
o-Chlorotoluene	ND		ug/kg	2.5	0.24	1
p-Chlorotoluene	ND		ug/kg	2.5	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.8	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.1	0.21	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.14	1
Naphthalene	ND		ug/kg	5.1	0.82	1
Acrylonitrile	ND		ug/kg	5.1	1.4	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-01 Date Collected: 10/07/25 12:10

Client ID: GZ-02 (0-2') Date Received: 10/07/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.3	0.22	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.5	0.41	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.5	0.34	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.5	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.5	0.42	1
1,4-Dioxane	ND		ug/kg	100	44.	1
p-Diethylbenzene	ND		ug/kg	2.5	0.22	1
p-Ethyltoluene	ND		ug/kg	2.5	0.49	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.5	0.24	1
Ethyl ether	ND		ug/kg	2.5	0.43	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.3	1.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	98		70-130

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-02 Date Collected: 10/07/25 12:15

Client ID: GZ-02 (2.5-4.5') Date Received: 10/07/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 10/19/25 11:12

Analyst: JIC

Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.0	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	4.7		ug/kg	0.60	0.24	1
Chlorobenzene	ND		ug/kg	0.60	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.8	0.84	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.60	0.20	1
Bromodichloromethane	ND		ug/kg	0.60	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.60	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.60	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.60	0.19	1
Bromoform	ND		ug/kg	4.8	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.60	0.20	1
Benzene	ND		ug/kg	0.60	0.20	1
Toluene	ND		ug/kg	1.2	0.65	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.8	1.1	1
Bromomethane	ND		ug/kg	2.4	0.70	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.54	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-02 Date Collected: 10/07/25 12:15

Client ID: GZ-02 (2.5-4.5') Date Received: 10/07/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	0.24	J	ug/kg	0.60	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.67	1
o-Xylene	ND		ug/kg	1.2	0.35	1
Xylenes, Total	ND		ug/kg	1.2	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.4	0.29	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.8	1
Carbon disulfide	ND		ug/kg	12	5.5	1
2-Butanone	ND		ug/kg	12	2.7	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.25	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.60	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.8	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.8	0.78	1
Acrylonitrile	ND		ug/kg	4.8	1.4	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-02 Date Collected: 10/07/25 12:15

Client ID: GZ-02 (2.5-4.5') Date Received: 10/07/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.39	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.33	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.40	1
1,4-Dioxane	ND		ug/kg	96	42.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.21	1
p-Ethyltoluene	ND		ug/kg	2.4	0.46	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.41	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.0	1.7	1

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

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-03 Date Collected: 10/07/25 14:25

Client ID: GZ-05 (0-2') Date Received: 10/07/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 10/19/25 11:40

Analyst: JIC

Percent Solids: 97%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.6	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	2.2		ug/kg	0.56	0.22	1
Chlorobenzene	ND		ug/kg	0.56	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.5	0.78	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.56	0.19	1
Bromodichloromethane	ND		ug/kg	0.56	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.56	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.56	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.56	0.18	1
Bromoform	ND		ug/kg	4.5	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.56	0.19	1
Benzene	ND		ug/kg	0.56	0.19	1
Toluene	ND		ug/kg	1.1	0.61	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.5	1.0	1
Bromomethane	ND		ug/kg	2.2	0.65	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.2	0.51	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.15	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-03 Date Collected: 10/07/25 14:25

Client ID: GZ-05 (0-2') Date Received: 10/07/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.56	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.23	1
p/m-Xylene	ND		ug/kg	2.2	0.63	1
o-Xylene	ND		ug/kg	1.1	0.33	1
Xylenes, Total	ND		ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.27	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.4	1
Carbon disulfide	ND		ug/kg	11	5.1	1
2-Butanone	ND		ug/kg	11	2.5	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.23	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.56	0.15	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.21	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.5	0.19	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.5	0.73	1
Acrylonitrile	ND		ug/kg	4.5	1.3	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-03 Date Collected: 10/07/25 14:25

Client ID: GZ-05 (0-2') Date Received: 10/07/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.31	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.38	1
1,4-Dioxane	ND		ug/kg	90	40.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.20	1
p-Ethyltoluene	ND		ug/kg	2.2	0.43	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.21	1
Ethyl ether	ND		ug/kg	2.2	0.38	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.6	1.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	100		70-130

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-04 Date Collected: 10/07/25 14:30
Client ID: GZ-05 (2.5-4.5') Date Received: 10/07/25
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 10/19/25 12:06
Analyst: JIC
Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.2	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.6	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	1.4		ug/kg	0.52	0.20	1
Chlorobenzene	ND		ug/kg	0.52	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.1	0.72	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.52	0.17	1
Bromodichloromethane	ND		ug/kg	0.52	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.52	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.52	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.52	0.16	1
Bromoform	ND		ug/kg	4.1	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.52	0.17	1
Benzene	ND		ug/kg	0.52	0.17	1
Toluene	ND		ug/kg	1.0	0.56	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.1	0.96	1
Bromomethane	ND		ug/kg	2.1	0.60	1
Vinyl chloride	ND		ug/kg	1.0	0.35	1
Chloroethane	ND		ug/kg	2.1	0.47	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-04 Date Collected: 10/07/25 14:30

Client ID: GZ-05 (2.5-4.5') Date Received: 10/07/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.52	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.58	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.1	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.94	1
Acetone	ND		ug/kg	10	5.0	1
Carbon disulfide	ND		ug/kg	10	4.7	1
2-Butanone	ND		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.52	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.1	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.1	0.67	1
Acrylonitrile	ND		ug/kg	4.1	1.2	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-04 Date Collected: 10/07/25 14:30

Client ID: GZ-05 (2.5-4.5') Date Received: 10/07/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.34	1
1,4-Dioxane	ND		ug/kg	83	36.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.18	1
p-Ethyltoluene	ND		ug/kg	2.1	0.40	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.2	1.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	102		70-130

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-05 Date Collected: 10/07/25 14:10

Client ID: GZ-12 (0-2') Date Received: 10/07/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 10/19/25 12:32

Analyst: JIC

Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.7	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	0.57		ug/kg	0.57	0.22	1
Chlorobenzene	ND		ug/kg	0.57	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.79	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.57	0.19	1
Bromodichloromethane	ND		ug/kg	0.57	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.57	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.57	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.57	0.18	1
Bromoform	ND		ug/kg	4.6	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.57	0.19	1
Benzene	ND		ug/kg	0.57	0.19	1
Toluene	ND		ug/kg	1.1	0.62	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.6	1.1	1
Bromomethane	ND		ug/kg	2.3	0.66	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.3	0.52	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-05 Date Collected: 10/07/25 14:10

Client ID: GZ-12 (0-2') Date Received: 10/07/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.57	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.64	1
o-Xylene	ND		ug/kg	1.1	0.33	1
Xylenes, Total	ND		ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.16	1
Dibromomethane	ND		ug/kg	2.3	0.27	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.5	1
Carbon disulfide	ND		ug/kg	11	5.2	1
2-Butanone	ND		ug/kg	11	2.5	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.3	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.3	0.23	1
2,2-Dichloropropane	ND		ug/kg	2.3	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.32	1
1,3-Dichloropropane	ND		ug/kg	2.3	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.57	0.15	1
Bromobenzene	ND		ug/kg	2.3	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.17	1
tert-Butylbenzene	ND		ug/kg	2.3	0.13	1
o-Chlorotoluene	ND		ug/kg	2.3	0.22	1
p-Chlorotoluene	ND		ug/kg	2.3	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.6	0.19	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.6	0.74	1
Acrylonitrile	ND		ug/kg	4.6	1.3	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-05 Date Collected: 10/07/25 14:10

Client ID: GZ-12 (0-2') Date Received: 10/07/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.37	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.31	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.38	1
1,4-Dioxane	ND		ug/kg	91	40.	1
p-Diethylbenzene	ND		ug/kg	2.3	0.20	1
p-Ethyltoluene	ND		ug/kg	2.3	0.44	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.3	0.22	1
Ethyl ether	ND		ug/kg	2.3	0.39	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.7	1.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	100		70-130

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-06 Date Collected: 10/07/25 14:15

Client ID: GZ-12 (2.5-4.5') Date Received: 10/07/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 10/19/25 12:58

Analyst: JIC

Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.9	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	0.19	J	ug/kg	1.8	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.31	1
Tetrachloroethene	1.1		ug/kg	0.59	0.23	1
Chlorobenzene	ND		ug/kg	0.59	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.7	0.82	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.59	0.20	1
Bromodichloromethane	ND		ug/kg	0.59	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.59	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.59	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.59	0.19	1
Bromoform	ND		ug/kg	4.7	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.59	0.19	1
Benzene	ND		ug/kg	0.59	0.19	1
Toluene	ND		ug/kg	1.2	0.64	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	4.7	1.1	1
Bromomethane	ND		ug/kg	2.3	0.68	1
Vinyl chloride	ND		ug/kg	1.2	0.39	1
Chloroethane	ND		ug/kg	2.3	0.53	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-06 Date Collected: 10/07/25 14:15

Client ID: GZ-12 (2.5-4.5') Date Received: 10/07/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.59	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.24	1
p/m-Xylene	ND		ug/kg	2.3	0.66	1
o-Xylene	ND		ug/kg	1.2	0.34	1
Xylenes, Total	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.3	0.28	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.6	1
Carbon disulfide	ND		ug/kg	12	5.3	1
2-Butanone	ND		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.3	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.3	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
1,3-Dichloropropane	ND		ug/kg	2.3	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.59	0.15	1
Bromobenzene	ND		ug/kg	2.3	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.3	0.14	1
o-Chlorotoluene	ND		ug/kg	2.3	0.22	1
p-Chlorotoluene	ND		ug/kg	2.3	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.5	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.7	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.7	0.76	1
Acrylonitrile	ND		ug/kg	4.7	1.3	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-06 Date Collected: 10/07/25 14:15

Client ID: GZ-12 (2.5-4.5') Date Received: 10/07/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.39	1
1,4-Dioxane	ND		ug/kg	94	41.	1
p-Diethylbenzene	ND		ug/kg	2.3	0.21	1
p-Ethyltoluene	ND		ug/kg	2.3	0.45	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.3	0.22	1
Ethyl ether	ND		ug/kg	2.3	0.40	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.9	1.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	101		70-130

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-07 Date Collected: 10/07/25 08:55

Client ID: GZ-13 (0-2') Date Received: 10/07/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 10/19/25 13:23

Analyst: JIC

Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.0	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.60	0.24	1
Chlorobenzene	ND		ug/kg	0.60	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.8	0.84	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.60	0.20	1
Bromodichloromethane	ND		ug/kg	0.60	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.60	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.60	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.60	0.19	1
Bromoform	ND		ug/kg	4.8	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.60	0.20	1
Benzene	ND		ug/kg	0.60	0.20	1
Toluene	ND		ug/kg	1.2	0.66	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.8	1.1	1
Bromomethane	ND		ug/kg	2.4	0.70	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.54	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-07 Date Collected: 10/07/25 08:55

Client ID: GZ-13 (0-2') Date Received: 10/07/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.60	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.68	1
o-Xylene	ND		ug/kg	1.2	0.35	1
Xylenes, Total	ND		ug/kg	1.2	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.4	0.29	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.8	1
Carbon disulfide	ND		ug/kg	12	5.5	1
2-Butanone	ND		ug/kg	12	2.7	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.25	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.60	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.18	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.8	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.8	0.78	1
Acrylonitrile	ND		ug/kg	4.8	1.4	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-07 Date Collected: 10/07/25 08:55

Client ID: GZ-13 (0-2') Date Received: 10/07/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.39	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.33	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.40	1
1,4-Dioxane	ND		ug/kg	96	42.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.21	1
p-Ethyltoluene	ND		ug/kg	2.4	0.46	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.41	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.0	1.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	105		70-130

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-08 Date Collected: 10/07/25 09:00

Client ID: GZ-13 (2.5-4.5') Date Received: 10/07/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 10/19/25 13:49

Analyst: JIC

Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.6	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.56	0.22	1
Chlorobenzene	ND		ug/kg	0.56	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.77	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.56	0.18	1
Bromodichloromethane	ND		ug/kg	0.56	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.56	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.56	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.56	0.18	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.56	0.18	1
Benzene	ND		ug/kg	0.56	0.18	1
Toluene	ND		ug/kg	1.1	0.60	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.64	1
Vinyl chloride	ND		ug/kg	1.1	0.37	1
Chloroethane	ND		ug/kg	2.2	0.50	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.15	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-08 Date Collected: 10/07/25 09:00

Client ID: GZ-13 (2.5-4.5') Date Received: 10/07/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.56	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.62	1
o-Xylene	ND		ug/kg	1.1	0.32	1
Xylenes, Total	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.26	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.3	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	ND		ug/kg	11	2.5	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.23	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.56	0.15	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.21	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.4	0.19	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.4	0.72	1
Acrylonitrile	ND		ug/kg	4.4	1.3	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-08 Date Collected: 10/07/25 09:00

Client ID: GZ-13 (2.5-4.5') Date Received: 10/07/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.37	1
1,4-Dioxane	ND		ug/kg	89	39.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.20	1
p-Ethyltoluene	ND		ug/kg	2.2	0.43	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.21	1
Ethyl ether	ND		ug/kg	2.2	0.38	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.6	1.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	107		70-130

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-09 Date Collected: 10/07/25 12:00

Client ID: GZ-14 (0-2') Date Received: 10/07/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 10/19/25 14:15

Analyst: JIC

Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.4	2.9	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.18	1
Chloroform	ND		ug/kg	1.9	0.18	1
Carbon tetrachloride	ND		ug/kg	1.3	0.29	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.16	1
Dibromochloromethane	ND		ug/kg	1.3	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.34	1
Tetrachloroethene	ND		ug/kg	0.64	0.25	1
Chlorobenzene	ND		ug/kg	0.64	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.1	0.89	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.33	1
1,1,1-Trichloroethane	ND		ug/kg	0.64	0.21	1
Bromodichloromethane	ND		ug/kg	0.64	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.35	1
cis-1,3-Dichloropropene	ND		ug/kg	0.64	0.20	1
1,3-Dichloropropene, Total	ND		ug/kg	0.64	0.20	1
1,1-Dichloropropene	ND		ug/kg	0.64	0.20	1
Bromoform	ND		ug/kg	5.1	0.31	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.64	0.21	1
Benzene	ND		ug/kg	0.64	0.21	1
Toluene	ND		ug/kg	1.3	0.69	1
Ethylbenzene	ND		ug/kg	1.3	0.18	1
Chloromethane	ND		ug/kg	5.1	1.2	1
Bromomethane	ND		ug/kg	2.6	0.74	1
Vinyl chloride	ND		ug/kg	1.3	0.43	1
Chloroethane	ND		ug/kg	2.6	0.58	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.18	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-09 Date Collected: 10/07/25 12:00

Client ID: GZ-14 (0-2') Date Received: 10/07/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.64	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.6	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.6	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	2.6	0.22	1
Methyl tert butyl ether	ND		ug/kg	2.6	0.26	1
p/m-Xylene	ND		ug/kg	2.6	0.72	1
o-Xylene	ND		ug/kg	1.3	0.37	1
Xylenes, Total	ND		ug/kg	1.3	0.37	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.22	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.18	1
Dibromomethane	ND		ug/kg	2.6	0.30	1
Styrene	ND		ug/kg	1.3	0.25	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	ND		ug/kg	13	6.1	1
Carbon disulfide	ND		ug/kg	13	5.8	1
2-Butanone	ND		ug/kg	13	2.8	1
Vinyl acetate	ND		ug/kg	13	2.7	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.6	0.16	1
2-Hexanone	ND		ug/kg	13	1.5	1
Bromochloromethane	ND		ug/kg	2.6	0.26	1
2,2-Dichloropropane	ND		ug/kg	2.6	0.26	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.36	1
1,3-Dichloropropane	ND		ug/kg	2.6	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.64	0.17	1
Bromobenzene	ND		ug/kg	2.6	0.18	1
n-Butylbenzene	ND		ug/kg	1.3	0.21	1
sec-Butylbenzene	ND		ug/kg	1.3	0.19	1
tert-Butylbenzene	ND		ug/kg	2.6	0.15	1
o-Chlorotoluene	ND		ug/kg	2.6	0.24	1
p-Chlorotoluene	ND		ug/kg	2.6	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.8	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.1	0.22	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.14	1
Naphthalene	ND		ug/kg	5.1	0.83	1
Acrylonitrile	ND		ug/kg	5.1	1.5	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-09 Date Collected: 10/07/25 12:00

Client ID: GZ-14 (0-2') Date Received: 10/07/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.3	0.22	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.6	0.41	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.6	0.35	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.6	0.25	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.6	0.43	1
1,4-Dioxane	ND		ug/kg	100	45.	1
p-Diethylbenzene	ND		ug/kg	2.6	0.23	1
p-Ethyltoluene	ND		ug/kg	2.6	0.49	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.6	0.24	1
Ethyl ether	ND		ug/kg	2.6	0.44	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.4	1.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	105		70-130

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-10 Date Collected: 10/07/25 12:05

Client ID: GZ-14 (2.5-4.5') Date Received: 10/07/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 10/19/25 14:41

Analyst: JIC

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.4	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	ND		ug/kg	0.54	0.21	1
Chlorobenzene	ND		ug/kg	0.54	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.76	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.54	0.18	1
Bromodichloromethane	ND		ug/kg	0.54	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.54	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.54	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.54	0.17	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.54	0.18	1
Benzene	ND		ug/kg	0.54	0.18	1
Toluene	ND		ug/kg	1.1	0.59	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.63	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.2	0.49	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-10 Date Collected: 10/07/25 12:05

Client ID: GZ-14 (2.5-4.5') Date Received: 10/07/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.54	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.61	1
o-Xylene	ND		ug/kg	1.1	0.32	1
Xylenes, Total	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.26	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.2	1
Carbon disulfide	ND		ug/kg	11	4.9	1
2-Butanone	ND		ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.54	0.14	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.21	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.4	0.18	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.4	0.71	1
Acrylonitrile	ND		ug/kg	4.4	1.2	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-10 Date Collected: 10/07/25 12:05

Client ID: GZ-14 (2.5-4.5') Date Received: 10/07/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.35	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.36	1
1,4-Dioxane	ND		ug/kg	87	38.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.19	1
p-Ethyltoluene	ND		ug/kg	2.2	0.42	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.21	1
Ethyl ether	ND		ug/kg	2.2	0.37	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.4	1.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	107		70-130

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-11 Date Collected: 10/07/25 00:00

Client ID: TRIP BLANK-2025-10-7 Date Received: 10/07/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 10/19/25 10:20

Analyst: JIC

Percent Solids: Results Reported on an "AS RECEIVED" basis

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

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-11 Date Collected: 10/07/25 00:00

Client ID: TRIP BLANK-2025-10-7 Date Received: 10/07/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

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

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-11 Date Collected: 10/07/25 00:00

Client ID: TRIP BLANK-2025-10-7 Date Received: 10/07/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	98		70-130

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-13 Date Collected: 10/08/25 08:15

Client ID: GZ-01 (0-2') Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 10/20/25 12:17

Analyst: AJK

Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.1	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	0.77		ug/kg	0.61	0.24	1
Chlorobenzene	ND		ug/kg	0.61	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.9	0.84	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.61	0.20	1
Bromodichloromethane	ND		ug/kg	0.61	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.61	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.61	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.61	0.19	1
Bromoform	ND		ug/kg	4.9	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.61	0.20	1
Benzene	ND		ug/kg	0.61	0.20	1
Toluene	ND		ug/kg	1.2	0.66	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.9	1.1	1
Bromomethane	ND		ug/kg	2.4	0.71	1
Vinyl chloride	ND		ug/kg	1.2	0.41	1
Chloroethane	ND		ug/kg	2.4	0.55	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.17	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-13 Date Collected: 10/08/25 08:15

Client ID: GZ-01 (0-2') Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.61	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.68	1
o-Xylene	ND		ug/kg	1.2	0.35	1
Xylenes, Total	ND		ug/kg	1.2	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.17	1
Dibromomethane	ND		ug/kg	2.4	0.29	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.8	1
Carbon disulfide	ND		ug/kg	12	5.5	1
2-Butanone	ND		ug/kg	12	2.7	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.25	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.61	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.18	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.9	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.9	0.79	1
Acrylonitrile	ND		ug/kg	4.9	1.4	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-13 Date Collected: 10/08/25 08:15

Client ID: GZ-01 (0-2') Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.39	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.33	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.41	1
1,4-Dioxane	ND		ug/kg	97	43.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.22	1
p-Ethyltoluene	ND		ug/kg	2.4	0.47	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.41	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.1	1.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	105		70-130

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-14 Date Collected: 10/08/25 08:20

Client ID: GZ-01 (2.5-4.5') Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 10/20/25 12:38

Analyst: AJK

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.3	2.9	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.18	1
Chloroform	ND		ug/kg	1.9	0.18	1
Carbon tetrachloride	ND		ug/kg	1.3	0.29	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.16	1
Dibromochloromethane	ND		ug/kg	1.3	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.34	1
Tetrachloroethene	1.2		ug/kg	0.63	0.25	1
Chlorobenzene	ND		ug/kg	0.63	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.1	0.88	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.33	1
1,1,1-Trichloroethane	ND		ug/kg	0.63	0.21	1
Bromodichloromethane	ND		ug/kg	0.63	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.35	1
cis-1,3-Dichloropropene	ND		ug/kg	0.63	0.20	1
1,3-Dichloropropene, Total	ND		ug/kg	0.63	0.20	1
1,1-Dichloropropene	ND		ug/kg	0.63	0.20	1
Bromoform	ND		ug/kg	5.1	0.31	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.63	0.21	1
Benzene	ND		ug/kg	0.63	0.21	1
Toluene	ND		ug/kg	1.3	0.69	1
Ethylbenzene	ND		ug/kg	1.3	0.18	1
Chloromethane	ND		ug/kg	5.1	1.2	1
Bromomethane	ND		ug/kg	2.5	0.74	1
Vinyl chloride	ND		ug/kg	1.3	0.42	1
Chloroethane	ND		ug/kg	2.5	0.57	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.17	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-14 Date Collected: 10/08/25 08:20

Client ID: GZ-01 (2.5-4.5') Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.63	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.5	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.22	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.26	1
p/m-Xylene	ND		ug/kg	2.5	0.71	1
o-Xylene	ND		ug/kg	1.3	0.37	1
Xylenes, Total	ND		ug/kg	1.3	0.37	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.22	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.17	1
Dibromomethane	ND		ug/kg	2.5	0.30	1
Styrene	ND		ug/kg	1.3	0.25	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	ND		ug/kg	13	6.1	1
Carbon disulfide	ND		ug/kg	13	5.8	1
2-Butanone	ND		ug/kg	13	2.8	1
Vinyl acetate	ND		ug/kg	13	2.7	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.5	0.16	1
2-Hexanone	ND		ug/kg	13	1.5	1
Bromochloromethane	ND		ug/kg	2.5	0.26	1
2,2-Dichloropropane	ND		ug/kg	2.5	0.26	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.35	1
1,3-Dichloropropane	ND		ug/kg	2.5	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.63	0.17	1
Bromobenzene	ND		ug/kg	2.5	0.18	1
n-Butylbenzene	ND		ug/kg	1.3	0.21	1
sec-Butylbenzene	ND		ug/kg	1.3	0.18	1
tert-Butylbenzene	ND		ug/kg	2.5	0.15	1
o-Chlorotoluene	ND		ug/kg	2.5	0.24	1
p-Chlorotoluene	ND		ug/kg	2.5	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.8	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.1	0.21	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.14	1
Naphthalene	ND		ug/kg	5.1	0.82	1
Acrylonitrile	ND		ug/kg	5.1	1.5	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-14 Date Collected: 10/08/25 08:20

Client ID: GZ-01 (2.5-4.5') Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.3	0.22	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.5	0.41	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.5	0.34	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.5	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.5	0.42	1
1,4-Dioxane	ND		ug/kg	100	44.	1
p-Diethylbenzene	ND		ug/kg	2.5	0.22	1
p-Ethyltoluene	ND		ug/kg	2.5	0.49	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.5	0.24	1
Ethyl ether	ND		ug/kg	2.5	0.43	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.3	1.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	104		70-130

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-15 Date Collected: 10/08/25 11:00

Client ID: GZ-03 (0-2') Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 10/20/25 12:59

Analyst: AJK

Percent Solids: 97%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.6	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	2.1		ug/kg	0.56	0.22	1
Chlorobenzene	ND		ug/kg	0.56	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.5	0.78	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.56	0.19	1
Bromodichloromethane	ND		ug/kg	0.56	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.56	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.56	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.56	0.18	1
Bromoform	ND		ug/kg	4.5	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.56	0.19	1
Benzene	ND		ug/kg	0.56	0.19	1
Toluene	ND		ug/kg	1.1	0.61	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.5	1.0	1
Bromomethane	ND		ug/kg	2.2	0.66	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.2	0.51	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.15	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-15 Date Collected: 10/08/25 11:00

Client ID: GZ-03 (0-2') Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.56	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.23	1
p/m-Xylene	ND		ug/kg	2.2	0.63	1
o-Xylene	ND		ug/kg	1.1	0.33	1
Xylenes, Total	ND		ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.27	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.4	1
Carbon disulfide	ND		ug/kg	11	5.1	1
2-Butanone	ND		ug/kg	11	2.5	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.23	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.32	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.56	0.15	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.22	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.5	0.19	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.5	0.73	1
Acrylonitrile	ND		ug/kg	4.5	1.3	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-15 Date Collected: 10/08/25 11:00

Client ID: GZ-03 (0-2') Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.31	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.38	1
1,4-Dioxane	ND		ug/kg	90	40.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.20	1
p-Ethyltoluene	ND		ug/kg	2.2	0.43	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.22	1
Ethyl ether	ND		ug/kg	2.2	0.38	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.6	1.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	105		70-130

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-16 Date Collected: 10/08/25 11:05

Client ID: GZ-03 (2.5-4.5') Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 10/20/25 13:20

Analyst: AJK

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.6	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.56	0.22	1
Chlorobenzene	ND		ug/kg	0.56	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.5	0.78	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.56	0.19	1
Bromodichloromethane	ND		ug/kg	0.56	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.56	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.56	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.56	0.18	1
Bromoform	ND		ug/kg	4.5	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.56	0.19	1
Benzene	ND		ug/kg	0.56	0.19	1
Toluene	ND		ug/kg	1.1	0.61	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.5	1.0	1
Bromomethane	ND		ug/kg	2.2	0.65	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.2	0.51	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.15	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-16 Date Collected: 10/08/25 11:05

Client ID: GZ-03 (2.5-4.5') Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.56	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.23	1
p/m-Xylene	ND		ug/kg	2.2	0.63	1
o-Xylene	ND		ug/kg	1.1	0.33	1
Xylenes, Total	ND		ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.27	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.4	1
Carbon disulfide	ND		ug/kg	11	5.1	1
2-Butanone	ND		ug/kg	11	2.5	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.23	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.56	0.15	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.21	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.5	0.19	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.5	0.73	1
Acrylonitrile	ND		ug/kg	4.5	1.3	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-16 Date Collected: 10/08/25 11:05

Client ID: GZ-03 (2.5-4.5') Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.38	1
1,4-Dioxane	ND		ug/kg	90	39.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.20	1
p-Ethyltoluene	ND		ug/kg	2.2	0.43	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.21	1
Ethyl ether	ND		ug/kg	2.2	0.38	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.6	1.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	103		70-130

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-17 Date Collected: 10/08/25 10:30

Client ID: GZ-04 (0-2') Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 10/20/25 16:26

Analyst: JIC

Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	320	150	1
1,1-Dichloroethane	ND		ug/kg	64	9.4	1
Chloroform	32	J	ug/kg	97	9.0	1
Carbon tetrachloride	ND		ug/kg	64	15.	1
1,2-Dichloropropane	ND		ug/kg	64	8.1	1
Dibromochloromethane	ND		ug/kg	64	9.0	1
1,1,2-Trichloroethane	ND		ug/kg	64	17.	1
Tetrachloroethene	12000		ug/kg	32	13.	1
Chlorobenzene	ND		ug/kg	32	8.2	1
Trichlorofluoromethane	ND		ug/kg	260	45.	1
1,2-Dichloroethane	ND		ug/kg	64	16.	1
1,1,1-Trichloroethane	ND		ug/kg	32	11.	1
Bromodichloromethane	ND		ug/kg	32	7.0	1
trans-1,3-Dichloropropene	ND		ug/kg	64	18.	1
cis-1,3-Dichloropropene	ND		ug/kg	32	10.	1
1,3-Dichloropropene, Total	ND		ug/kg	32	10.	1
1,1-Dichloropropene	ND		ug/kg	32	10.	1
Bromoform	ND		ug/kg	260	16.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	32	11.	1
Benzene	ND		ug/kg	32	11.	1
Toluene	ND		ug/kg	64	35.	1
Ethylbenzene	ND		ug/kg	64	9.1	1
Chloromethane	ND		ug/kg	260	60.	1
Bromomethane	ND		ug/kg	130	37.	1
Vinyl chloride	ND		ug/kg	64	22.	1
Chloroethane	ND		ug/kg	130	29.	1
1,1-Dichloroethene	ND		ug/kg	64	15.	1
trans-1,2-Dichloroethene	ND		ug/kg	97	8.8	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-17 Date Collected: 10/08/25 10:30

Client ID: GZ-04 (0-2') Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	ND		ug/kg	32	8.8	1
1,2-Dichlorobenzene	ND		ug/kg	130	9.3	1
1,3-Dichlorobenzene	ND		ug/kg	130	9.5	1
1,4-Dichlorobenzene	ND		ug/kg	130	11.	1
Methyl tert butyl ether	ND		ug/kg	130	13.	1
p/m-Xylene	ND		ug/kg	130	36.	1
o-Xylene	ND		ug/kg	64	19.	1
Xylenes, Total	ND		ug/kg	64	19.	1
cis-1,2-Dichloroethene	ND		ug/kg	64	11.	1
1,2-Dichloroethene, Total	ND		ug/kg	64	8.8	1
Dibromomethane	ND		ug/kg	130	15.	1
Styrene	ND		ug/kg	64	13.	1
Dichlorodifluoromethane	ND		ug/kg	640	59.	1
Acetone	ND		ug/kg	640	310	1
Carbon disulfide	ND		ug/kg	640	290	1
2-Butanone	ND		ug/kg	640	140	1
Vinyl acetate	ND		ug/kg	640	140	1
4-Methyl-2-pentanone	ND		ug/kg	640	82.	1
1,2,3-Trichloropropane	ND		ug/kg	130	8.2	1
2-Hexanone	ND		ug/kg	640	76.	1
Bromochloromethane	ND		ug/kg	130	13.	1
2,2-Dichloropropane	ND		ug/kg	130	13.	1
1,2-Dibromoethane	ND		ug/kg	64	18.	1
1,3-Dichloropropane	ND		ug/kg	130	11.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	32	8.5	1
Bromobenzene	ND		ug/kg	130	9.4	1
n-Butylbenzene	ND		ug/kg	64	11.	1
sec-Butylbenzene	ND		ug/kg	64	9.4	1
tert-Butylbenzene	ND		ug/kg	130	7.6	1
o-Chlorotoluene	ND		ug/kg	130	12.	1
p-Chlorotoluene	ND		ug/kg	130	7.0	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	190	64.	1
Hexachlorobutadiene	ND		ug/kg	260	11.	1
Isopropylbenzene	ND		ug/kg	64	7.0	1
p-Isopropyltoluene	ND		ug/kg	64	7.0	1
Naphthalene	ND		ug/kg	260	42.	1
Acrylonitrile	ND		ug/kg	260	74.	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-17 Date Collected: 10/08/25 10:30

Client ID: GZ-04 (0-2') Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
n-Propylbenzene	ND		ug/kg	64	11.	1
1,2,3-Trichlorobenzene	ND		ug/kg	130	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	130	18.	1
1,3,5-Trimethylbenzene	ND		ug/kg	130	12.	1
1,2,4-Trimethylbenzene	ND		ug/kg	130	22.	1
1,4-Dioxane	ND		ug/kg	5200	2300	1
p-Diethylbenzene	ND		ug/kg	130	11.	1
p-Ethyltoluene	ND		ug/kg	130	25.	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	130	12.	1
Ethyl ether	ND		ug/kg	130	22.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	320	92.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	101		70-130

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-18 Date Collected: 10/08/25 10:35

Client ID: GZ-04 (3-5') Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 10/20/25 16:47

Analyst: JIC

Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	300	140	1
1,1-Dichloroethane	ND		ug/kg	59	8.6	1
Chloroform	38	J	ug/kg	89	8.3	1
Carbon tetrachloride	ND		ug/kg	59	14.	1
1,2-Dichloropropane	ND		ug/kg	59	7.4	1
Dibromochloromethane	ND		ug/kg	59	8.3	1
1,1,2-Trichloroethane	ND		ug/kg	59	16.	1
Tetrachloroethene	5400		ug/kg	30	12.	1
Chlorobenzene	ND		ug/kg	30	7.6	1
Trichlorofluoromethane	ND		ug/kg	240	41.	1
1,2-Dichloroethane	ND		ug/kg	59	15.	1
1,1,1-Trichloroethane	ND		ug/kg	30	9.9	1
Bromodichloromethane	ND		ug/kg	30	6.5	1
trans-1,3-Dichloropropene	ND		ug/kg	59	16.	1
cis-1,3-Dichloropropene	ND		ug/kg	30	9.4	1
1,3-Dichloropropene, Total	ND		ug/kg	30	9.4	1
1,1-Dichloropropene	ND		ug/kg	30	9.4	1
Bromoform	ND		ug/kg	240	15.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	30	9.9	1
Benzene	26	J	ug/kg	30	9.9	1
Toluene	38	J	ug/kg	59	32.	1
Ethylbenzene	ND		ug/kg	59	8.4	1
Chloromethane	ND		ug/kg	240	55.	1
Bromomethane	ND		ug/kg	120	34.	1
Vinyl chloride	ND		ug/kg	59	20.	1
Chloroethane	ND		ug/kg	120	27.	1
1,1-Dichloroethene	ND		ug/kg	59	14.	1
trans-1,2-Dichloroethene	ND		ug/kg	89	8.1	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-18 Date Collected: 10/08/25 10:35

Client ID: GZ-04 (3-5') Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	12	J	ug/kg	30	8.1	1
1,2-Dichlorobenzene	ND		ug/kg	120	8.6	1
1,3-Dichlorobenzene	ND		ug/kg	120	8.8	1
1,4-Dichlorobenzene	ND		ug/kg	120	10.	1
Methyl tert butyl ether	ND		ug/kg	120	12.	1
p/m-Xylene	ND		ug/kg	120	33.	1
o-Xylene	ND		ug/kg	59	17.	1
Xylenes, Total	ND		ug/kg	59	17.	1
cis-1,2-Dichloroethene	ND		ug/kg	59	10.	1
1,2-Dichloroethene, Total	ND		ug/kg	59	8.1	1
Dibromomethane	ND		ug/kg	120	14.	1
Styrene	ND		ug/kg	59	12.	1
Dichlorodifluoromethane	ND		ug/kg	590	54.	1
Acetone	ND		ug/kg	590	290	1
Carbon disulfide	ND		ug/kg	590	270	1
2-Butanone	ND		ug/kg	590	130	1
Vinyl acetate	ND		ug/kg	590	130	1
4-Methyl-2-pentanone	ND		ug/kg	590	76.	1
1,2,3-Trichloropropane	ND		ug/kg	120	7.6	1
2-Hexanone	ND		ug/kg	590	70.	1
Bromochloromethane	ND		ug/kg	120	12.	1
2,2-Dichloropropane	ND		ug/kg	120	12.	1
1,2-Dibromoethane	ND		ug/kg	59	16.	1
1,3-Dichloropropane	ND		ug/kg	120	9.9	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	30	7.8	1
Bromobenzene	ND		ug/kg	120	8.6	1
n-Butylbenzene	ND		ug/kg	59	9.9	1
sec-Butylbenzene	ND		ug/kg	59	8.7	1
tert-Butylbenzene	ND		ug/kg	120	7.0	1
o-Chlorotoluene	ND		ug/kg	120	11.	1
p-Chlorotoluene	ND		ug/kg	120	6.4	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	180	59.	1
Hexachlorobutadiene	ND		ug/kg	240	10.	1
Isopropylbenzene	ND		ug/kg	59	6.5	1
p-Isopropyltoluene	ND		ug/kg	59	6.5	1
Naphthalene	110	J	ug/kg	240	39.	1
Acrylonitrile	ND		ug/kg	240	68.	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-18 Date Collected: 10/08/25 10:35

Client ID: GZ-04 (3-5') Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
n-Propylbenzene	ND		ug/kg	59	10.	1
1,2,3-Trichlorobenzene	ND		ug/kg	120	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	120	16.	1
1,3,5-Trimethylbenzene	ND		ug/kg	120	11.	1
1,2,4-Trimethylbenzene	ND		ug/kg	120	20.	1
1,4-Dioxane	ND		ug/kg	4800	2100	1
p-Diethylbenzene	ND		ug/kg	120	10.	1
p-Ethyltoluene	ND		ug/kg	120	23.	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	120	11.	1
Ethyl ether	ND		ug/kg	120	20.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	300	84.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	103		70-130

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-19 Date Collected: 10/08/25 08:50

Client ID: GZ-08 (0-2') Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 10/20/25 13:40

Analyst: AJK

Percent Solids: 97%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.2	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.6	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	ND		ug/kg	0.52	0.20	1
Chlorobenzene	ND		ug/kg	0.52	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.1	0.72	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.52	0.17	1
Bromodichloromethane	ND		ug/kg	0.52	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.52	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.52	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.52	0.16	1
Bromoform	ND		ug/kg	4.1	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.52	0.17	1
Benzene	ND		ug/kg	0.52	0.17	1
Toluene	ND		ug/kg	1.0	0.56	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.1	0.96	1
Bromomethane	ND		ug/kg	2.1	0.60	1
Vinyl chloride	ND		ug/kg	1.0	0.35	1
Chloroethane	ND		ug/kg	2.1	0.47	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-19 Date Collected: 10/08/25 08:50

Client ID: GZ-08 (0-2') Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.52	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.58	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.1	0.25	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.95	1
Acetone	ND		ug/kg	10	5.0	1
Carbon disulfide	ND		ug/kg	10	4.7	1
2-Butanone	ND		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.52	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.1	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.1	0.67	1
Acrylonitrile	ND		ug/kg	4.1	1.2	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-19 Date Collected: 10/08/25 08:50

Client ID: GZ-08 (0-2') Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.34	1
1,4-Dioxane	ND		ug/kg	83	36.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.18	1
p-Ethyltoluene	ND		ug/kg	2.1	0.40	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.2	1.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	105		70-130

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-20 Date Collected: 10/08/25 08:55

Client ID: GZ-08 (2.5-4.5') Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 10/20/25 14:01

Analyst: AJK

Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.1	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	1.8		ug/kg	0.51	0.20	1
Chlorobenzene	ND		ug/kg	0.51	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.1	0.71	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.51	0.17	1
Bromodichloromethane	ND		ug/kg	0.51	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.51	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.51	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.51	0.16	1
Bromoform	ND		ug/kg	4.1	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.51	0.17	1
Benzene	ND		ug/kg	0.51	0.17	1
Toluene	ND		ug/kg	1.0	0.55	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.1	0.95	1
Bromomethane	ND		ug/kg	2.0	0.59	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-20 Date Collected: 10/08/25 08:55

Client ID: GZ-08 (2.5-4.5') Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.51	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.57	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.93	1
Acetone	ND		ug/kg	10	4.9	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	ND		ug/kg	10	2.2	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.51	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.1	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.1	0.66	1
Acrylonitrile	ND		ug/kg	4.1	1.2	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-20 Date Collected: 10/08/25 08:55

Client ID: GZ-08 (2.5-4.5') Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.34	1
1,4-Dioxane	ND		ug/kg	81	36.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.39	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.1	1.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	105		70-130

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-21 Date Collected: 10/08/25 11:25

Client ID: GZ-09 (0-2') Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 10/20/25 14:42

Analyst: JIC

Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.6	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.93	0.13	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.93	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.93	0.12	1
Dibromochloromethane	ND		ug/kg	0.93	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.93	0.25	1
Tetrachloroethene	0.48		ug/kg	0.46	0.18	1
Chlorobenzene	ND		ug/kg	0.46	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.7	0.64	1
1,2-Dichloroethane	ND		ug/kg	0.93	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.46	0.16	1
Bromodichloromethane	ND		ug/kg	0.46	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.93	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.46	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.46	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.46	0.15	1
Bromoform	ND		ug/kg	3.7	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.46	0.15	1
Benzene	ND		ug/kg	0.46	0.15	1
Toluene	ND		ug/kg	0.93	0.50	1
Ethylbenzene	ND		ug/kg	0.93	0.13	1
Chloromethane	ND		ug/kg	3.7	0.86	1
Bromomethane	ND		ug/kg	1.8	0.54	1
Vinyl chloride	ND		ug/kg	0.93	0.31	1
Chloroethane	ND		ug/kg	1.8	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.93	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-21 Date Collected: 10/08/25 11:25

Client ID: GZ-09 (0-2') Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.46	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.19	1
p/m-Xylene	ND		ug/kg	1.8	0.52	1
o-Xylene	ND		ug/kg	0.93	0.27	1
Xylenes, Total	ND		ug/kg	0.93	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.93	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.93	0.13	1
Dibromomethane	ND		ug/kg	1.8	0.22	1
Styrene	ND		ug/kg	0.93	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.3	0.85	1
Acetone	ND		ug/kg	9.3	4.5	1
Carbon disulfide	ND		ug/kg	9.3	4.2	1
2-Butanone	ND		ug/kg	9.3	2.1	1
Vinyl acetate	ND		ug/kg	9.3	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.3	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.8	0.12	1
2-Hexanone	ND		ug/kg	9.3	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.8	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.93	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.8	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.46	0.12	1
Bromobenzene	ND		ug/kg	1.8	0.13	1
n-Butylbenzene	ND		ug/kg	0.93	0.16	1
sec-Butylbenzene	ND		ug/kg	0.93	0.14	1
tert-Butylbenzene	ND		ug/kg	1.8	0.11	1
o-Chlorotoluene	ND		ug/kg	1.8	0.18	1
p-Chlorotoluene	ND		ug/kg	1.8	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.93	1
Hexachlorobutadiene	ND		ug/kg	3.7	0.16	1
Isopropylbenzene	ND		ug/kg	0.93	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.93	0.10	1
Naphthalene	ND		ug/kg	3.7	0.60	1
Acrylonitrile	ND		ug/kg	3.7	1.1	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-21 Date Collected: 10/08/25 11:25

Client ID: GZ-09 (0-2') Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.93	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	0.31	1
1,4-Dioxane	ND		ug/kg	74	32.	1
p-Diethylbenzene	ND		ug/kg	1.8	0.16	1
p-Ethyltoluene	ND		ug/kg	1.8	0.36	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.8	0.18	1
Ethyl ether	ND		ug/kg	1.8	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.6	1.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	106		70-130

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-22 Date Collected: 10/08/25 11:30

Client ID: GZ-09 (2.5-4.5') Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 10/20/25 15:03

Analyst: JIC

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.6	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.56	0.22	1
Chlorobenzene	ND		ug/kg	0.56	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.5	0.79	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.56	0.19	1
Bromodichloromethane	ND		ug/kg	0.56	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.56	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.56	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.56	0.18	1
Bromoform	ND		ug/kg	4.5	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.56	0.19	1
Benzene	ND		ug/kg	0.56	0.19	1
Toluene	ND		ug/kg	1.1	0.61	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.5	1.0	1
Bromomethane	ND		ug/kg	2.3	0.66	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.3	0.51	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-22 Date Collected: 10/08/25 11:30

Client ID: GZ-09 (2.5-4.5') Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.56	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.63	1
o-Xylene	ND		ug/kg	1.1	0.33	1
Xylenes, Total	ND		ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.16	1
Dibromomethane	ND		ug/kg	2.3	0.27	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.4	1
Carbon disulfide	ND		ug/kg	11	5.1	1
2-Butanone	ND		ug/kg	11	2.5	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.3	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.3	0.23	1
2,2-Dichloropropane	ND		ug/kg	2.3	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.32	1
1,3-Dichloropropane	ND		ug/kg	2.3	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.56	0.15	1
Bromobenzene	ND		ug/kg	2.3	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.3	0.13	1
o-Chlorotoluene	ND		ug/kg	2.3	0.22	1
p-Chlorotoluene	ND		ug/kg	2.3	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.5	0.19	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.5	0.74	1
Acrylonitrile	ND		ug/kg	4.5	1.3	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-22 Date Collected: 10/08/25 11:30

Client ID: GZ-09 (2.5-4.5') Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.31	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.38	1
1,4-Dioxane	ND		ug/kg	90	40.	1
p-Diethylbenzene	ND		ug/kg	2.3	0.20	1
p-Ethyltoluene	ND		ug/kg	2.3	0.43	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.3	0.22	1
Ethyl ether	ND		ug/kg	2.3	0.38	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.6	1.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	105		70-130

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-23 Date Collected: 10/08/25 00:00

Client ID: DUPLICATE-2028-10-08 Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 10/20/25 15:24

Analyst: JIC

Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.6	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	3.9		ug/kg	0.56	0.22	1
Chlorobenzene	ND		ug/kg	0.56	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.5	0.77	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.56	0.19	1
Bromodichloromethane	ND		ug/kg	0.56	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.56	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.56	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.56	0.18	1
Bromoform	ND		ug/kg	4.5	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.56	0.18	1
Benzene	0.40	J	ug/kg	0.56	0.18	1
Toluene	ND		ug/kg	1.1	0.60	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.5	1.0	1
Bromomethane	ND		ug/kg	2.2	0.65	1
Vinyl chloride	ND		ug/kg	1.1	0.37	1
Chloroethane	ND		ug/kg	2.2	0.50	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.15	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-23 Date Collected: 10/08/25 00:00

Client ID: DUPLICATE-2028-10-08 Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	0.21	J	ug/kg	0.56	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.62	1
o-Xylene	ND		ug/kg	1.1	0.32	1
Xylenes, Total	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.26	1
Styrene	0.28	J	ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.4	1
Carbon disulfide	ND		ug/kg	11	5.1	1
2-Butanone	ND		ug/kg	11	2.5	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.23	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.56	0.15	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.21	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.5	0.19	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	1.2	J	ug/kg	4.5	0.72	1
Acrylonitrile	ND		ug/kg	4.5	1.3	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-23 Date Collected: 10/08/25 00:00

Client ID: DUPLICATE-2028-10-08 Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.37	1
1,4-Dioxane	ND		ug/kg	89	39.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.20	1
p-Ethyltoluene	ND		ug/kg	2.2	0.43	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.21	1
Ethyl ether	ND		ug/kg	2.2	0.38	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.6	1.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	116		70-130
Dibromofluoromethane	103		70-130

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-25 Date Collected: 10/08/25 00:00

Client ID: TRIP BLANK-2025-10-8 Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 10/20/25 15:45

Analyst: JIC

Percent Solids: Results Reported on an "AS RECEIVED" basis

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	250	110	1
1,1-Dichloroethane	ND		ug/kg	50	7.2	1
Chloroform	44	J	ug/kg	75	7.0	1
Carbon tetrachloride	ND		ug/kg	50	12.	1
1,2-Dichloropropane	ND		ug/kg	50	6.2	1
Dibromochloromethane	ND		ug/kg	50	7.0	1
1,1,2-Trichloroethane	ND		ug/kg	50	13.	1
Tetrachloroethene	ND		ug/kg	25	9.8	1
Chlorobenzene	ND		ug/kg	25	6.4	1
Trichlorofluoromethane	ND		ug/kg	200	35.	1
1,2-Dichloroethane	ND		ug/kg	50	13.	1
1,1,1-Trichloroethane	ND		ug/kg	25	8.4	1
Bromodichloromethane	ND		ug/kg	25	5.4	1
trans-1,3-Dichloropropene	ND		ug/kg	50	14.	1
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9	1
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9	1
1,1-Dichloropropene	ND		ug/kg	25	8.0	1
Bromoform	ND		ug/kg	200	12.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3	1
Benzene	ND		ug/kg	25	8.3	1
Toluene	ND		ug/kg	50	27.	1
Ethylbenzene	ND		ug/kg	50	7.0	1
Chloromethane	ND		ug/kg	200	47.	1
Bromomethane	ND		ug/kg	100	29.	1
Vinyl chloride	ND		ug/kg	50	17.	1
Chloroethane	ND		ug/kg	100	23.	1
1,1-Dichloroethene	ND		ug/kg	50	12.	1
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-25 Date Collected: 10/08/25 00:00

Client ID: TRIP BLANK-2025-10-8 Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	ND		ug/kg	25	6.8	1
1,2-Dichlorobenzene	ND		ug/kg	100	7.2	1
1,3-Dichlorobenzene	ND		ug/kg	100	7.4	1
1,4-Dichlorobenzene	ND		ug/kg	100	8.6	1
Methyl tert butyl ether	ND		ug/kg	100	10.	1
p/m-Xylene	ND		ug/kg	100	28.	1
o-Xylene	ND		ug/kg	50	14.	1
Xylenes, Total	ND		ug/kg	50	14.	1
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8	1
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8	1
Dibromomethane	ND		ug/kg	100	12.	1
Styrene	ND		ug/kg	50	9.8	1
Dichlorodifluoromethane	ND		ug/kg	500	46.	1
Acetone	ND		ug/kg	500	240	1
Carbon disulfide	ND		ug/kg	500	230	1
2-Butanone	ND		ug/kg	500	110	1
Vinyl acetate	ND		ug/kg	500	110	1
4-Methyl-2-pentanone	ND		ug/kg	500	64.	1
1,2,3-Trichloropropane	ND		ug/kg	100	6.4	1
2-Hexanone	ND		ug/kg	500	59.	1
Bromochloromethane	ND		ug/kg	100	10.	1
2,2-Dichloropropane	ND		ug/kg	100	10.	1
1,2-Dibromoethane	ND		ug/kg	50	14.	1
1,3-Dichloropropane	ND		ug/kg	100	8.4	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.6	1
Bromobenzene	ND		ug/kg	100	7.2	1
n-Butylbenzene	ND		ug/kg	50	8.4	1
sec-Butylbenzene	ND		ug/kg	50	7.3	1
tert-Butylbenzene	ND		ug/kg	100	5.9	1
o-Chlorotoluene	ND		ug/kg	100	9.6	1
p-Chlorotoluene	ND		ug/kg	100	5.4	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.	1
Hexachlorobutadiene	ND		ug/kg	200	8.4	1
Isopropylbenzene	ND		ug/kg	50	5.4	1
p-Isopropyltoluene	ND		ug/kg	50	5.4	1
Naphthalene	ND		ug/kg	200	32.	1
Acrylonitrile	ND		ug/kg	200	58.	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-25 Date Collected: 10/08/25 00:00

Client ID: TRIP BLANK-2025-10-8 Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
n-Propylbenzene	ND		ug/kg	50	8.6	1
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.	1
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.	1
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6	1
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.	1
1,4-Dioxane	ND		ug/kg	4000	1800	1
p-Diethylbenzene	ND		ug/kg	100	8.8	1
p-Ethyltoluene	ND		ug/kg	100	19.	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	100	9.6	1
Ethyl ether	ND		ug/kg	100	17.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	71.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	102		70-130

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-25 Date Collected: 10/08/25 00:00

Client ID: TRIP BLANK-2025-10-8 Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 10/20/25 16:05

Analyst: JIC

Percent Solids: Results Reported on an "AS RECEIVED" basis

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

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-25 Date Collected: 10/08/25 00:00

Client ID: TRIP BLANK-2025-10-8 Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

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

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-25 Date Collected: 10/08/25 00:00

Client ID: TRIP BLANK-2025-10-8 Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	103		70-130

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-26 Date Collected: 10/08/25 12:15

Client ID: FIELD BLANK Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260D

Analytical Date: 10/20/25 13:19

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: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-26 Date Collected: 10/08/25 12:15

Client ID: FIELD BLANK Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, 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: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-26 Date Collected: 10/08/25 12:15

Client ID: FIELD BLANK Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, 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	119		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	105		70-130

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/19/25 09:54
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-11 Batch: WG2130119-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	0.92	J	ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/19/25 09:54
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-11 Batch: WG2130119-5					
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/19/25 09:54
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-11 Batch: WG2130119-5					
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

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Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/19/25 09:54
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-11 Batch: WG2130119-5					
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	96		70-130

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

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Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/20/25 08:39
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 26 Batch: WG2130475-5					
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: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/20/25 08:39
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 26 Batch: WG2130475-5					
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: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/20/25 08:39
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 26 Batch: WG2130475-5					
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

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Analytical Method: 1,8260D
Analytical Date: 10/20/25 08:39
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 26 Batch: WG2130475-5					
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	120		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	108		70-130

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

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Analytical Method: 1,8260D
Analytical Date: 10/20/25 09:47
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 13-16,19-23,25 Batch: WG2130744-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	0.74	J	ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/20/25 09:47
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 13-16,19-23,25 Batch: WG2130744-5					
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

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Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/20/25 09:47
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 13-16,19-23,25 Batch: WG2130744-5					
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
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Analytical Method: 1,8260D
Analytical Date: 10/20/25 09:47
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 13-16,19-23,25 Batch: WG2130744-5					
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	105		70-130

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/20/25 09:47
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 17-18,25 Batch: WG2130745-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	37	J	ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
1,1-Dichloropropene	ND		ug/kg	25	8.0
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/20/25 09:47
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 17-18,25 Batch: WG2130745-5					
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Dibromomethane	ND		ug/kg	100	12.
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
Vinyl acetate	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
1,2,3-Trichloropropane	ND		ug/kg	100	6.4
2-Hexanone	ND		ug/kg	500	59.

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/20/25 09:47
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 17-18,25 Batch: WG2130745-5					
Bromochloromethane	ND		ug/kg	100	10.
2,2-Dichloropropane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,3-Dichloropropane	ND		ug/kg	100	8.4
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.6
Bromobenzene	ND		ug/kg	100	7.2
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
o-Chlorotoluene	ND		ug/kg	100	9.6
p-Chlorotoluene	ND		ug/kg	100	5.4
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Hexachlorobutadiene	ND		ug/kg	200	8.4
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
Acrylonitrile	ND		ug/kg	200	58.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
1,4-Dioxane	ND		ug/kg	4000	1800
p-Diethylbenzene	ND		ug/kg	100	8.8

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/20/25 09:47
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 17-18,25 Batch: WG2130745-5					
p-Ethyltoluene	ND		ug/kg	100	19.
1,2,4,5-Tetramethylbenzene	ND		ug/kg	100	9.6
Ethyl ether	ND		ug/kg	100	17.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	71.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	104		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-11 Batch: WG2130119-3 WG2130119-4								
Methylene chloride	96		90		70-130	6		30
1,1-Dichloroethane	105		100		70-130	5		30
Chloroform	100		95		70-130	5		30
Carbon tetrachloride	112		104		70-130	7		30
1,2-Dichloropropane	104		100		70-130	4		30
Dibromochloromethane	108		101		70-130	7		30
1,1,2-Trichloroethane	104		97		70-130	7		30
Tetrachloroethene	121		112		70-130	8		30
Chlorobenzene	110		104		70-130	6		30
Trichlorofluoromethane	115		106		70-139	8		30
1,2-Dichloroethane	101		97		70-130	4		30
1,1,1-Trichloroethane	111		104		70-130	7		30
Bromodichloromethane	102		96		70-130	6		30
trans-1,3-Dichloropropene	105		98		70-130	7		30
cis-1,3-Dichloropropene	107		102		70-130	5		30
1,1-Dichloropropene	115		107		70-130	7		30
Bromoform	102		95		70-130	7		30
1,1,2,2-Tetrachloroethane	98		92		70-130	6		30
Benzene	108		102		70-130	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-11 Batch: WG2130119-3 WG2130119-4								
Toluene	106		101		70-130	5		30
Ethylbenzene	108		101		70-130	7		30
Chloromethane	92		85		52-130	8		30
Bromomethane	90		84		57-147	7		30
Vinyl chloride	102		94		67-130	8		30
Chloroethane	109		99		50-151	10		30
1,1-Dichloroethene	113		104		65-135	8		30
trans-1,2-Dichloroethene	110		103		70-130	7		30
Trichloroethene	109		102		70-130	7		30
1,2-Dichlorobenzene	107		102		70-130	5		30
1,3-Dichlorobenzene	110		105		70-130	5		30
1,4-Dichlorobenzene	109		103		70-130	6		30
Methyl tert butyl ether	100		94		66-130	6		30
p/m-Xylene	110		103		70-130	7		30
o-Xylene	109		103		70-130	6		30
cis-1,2-Dichloroethene	106		102		70-130	4		30
Dibromomethane	102		97		70-130	5		30
Styrene	110		104		70-130	6		30
Dichlorodifluoromethane	93		85		30-146	9		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-11 Batch: WG2130119-3 WG2130119-4								
Acetone	88		79		54-140	11		30
Carbon disulfide	104		96		59-130	8		30
2-Butanone	88		81		70-130	8		30
Vinyl acetate	98		88		70-130	11		30
4-Methyl-2-pentanone	98		91		70-130	7		30
1,2,3-Trichloropropane	96		90		68-130	6		30
2-Hexanone	90		80		70-130	12		30
Bromochloromethane	108		103		70-130	5		30
2,2-Dichloropropane	109		102		70-130	7		30
1,2-Dibromoethane	110		103		70-130	7		30
1,3-Dichloropropane	104		99		69-130	5		30
1,1,1,2-Tetrachloroethane	109		104		70-130	5		30
Bromobenzene	106		101		70-130	5		30
n-Butylbenzene	115		107		70-130	7		30
sec-Butylbenzene	111		104		70-130	7		30
tert-Butylbenzene	110		103		70-130	7		30
o-Chlorotoluene	106		102		70-130	4		30
p-Chlorotoluene	107		101		70-130	6		30
1,2-Dibromo-3-chloropropane	94		87		68-130	8		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
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Lab Number: L2563358
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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-11 Batch: WG2130119-3 WG2130119-4								
Hexachlorobutadiene	116		109		67-130	6		30
Isopropylbenzene	110		103		70-130	7		30
p-Isopropyltoluene	112		106		70-130	6		30
Naphthalene	102		97		70-130	5		30
Acrylonitrile	101		95		70-130	6		30
n-Propylbenzene	109		104		70-130	5		30
1,2,3-Trichlorobenzene	111		106		70-130	5		30
1,2,4-Trichlorobenzene	114		108		70-130	5		30
1,3,5-Trimethylbenzene	108		102		70-130	6		30
1,2,4-Trimethylbenzene	109		103		70-130	6		30
1,4-Dioxane	87		85		65-136	2		30
p-Diethylbenzene	113		107		70-130	5		30
p-Ethyltoluene	110		104		70-130	6		30
1,2,4,5-Tetramethylbenzene	111		105		70-130	6		30
Ethyl ether	103		97		67-130	6		30
trans-1,4-Dichloro-2-butene	95		91		70-130	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-11 Batch: WG2130119-3 WG2130119-4

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	90		91		70-130
Toluene-d8	101		100		70-130
4-Bromofluorobenzene	95		95		70-130
Dibromofluoromethane	97		97		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 26 Batch: WG2130475-3 WG2130475-4								
Methylene chloride	100		99		70-130	1		20
1,1-Dichloroethane	120		110		70-130	9		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	95		93		63-132	2		20
1,2-Dichloropropane	110		100		70-130	10		20
Dibromochloromethane	84		82		63-130	2		20
1,1,2-Trichloroethane	96		89		70-130	8		20
Tetrachloroethene	92		87		70-130	6		20
Chlorobenzene	93		89		75-130	4		20
Trichlorofluoromethane	100		99		62-150	1		20
1,2-Dichloroethane	110		110		70-130	0		20
1,1,1-Trichloroethane	100		100		67-130	0		20
Bromodichloromethane	110		100		67-130	10		20
trans-1,3-Dichloropropene	89		83		70-130	7		20
cis-1,3-Dichloropropene	93		89		70-130	4		20
1,1-Dichloropropene	110		100		70-130	10		20
Bromoform	69		70		54-136	1		20
1,1,2,2-Tetrachloroethane	96		95		67-130	1		20
Benzene	110		100		70-130	10		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 26 Batch: WG2130475-3 WG2130475-4								
Toluene	99		95		70-130	4		20
Ethylbenzene	100		99		70-130	1		20
Chloromethane	100		99		64-130	1		20
Bromomethane	89		87		39-139	2		20
Vinyl chloride	100		97		55-140	3		20
Chloroethane	100		96		55-138	4		20
1,1-Dichloroethene	100		99		61-145	1		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	100		100		70-130	0		20
1,2-Dichlorobenzene	90		92		70-130	2		20
1,3-Dichlorobenzene	94		83		70-130	12		20
1,4-Dichlorobenzene	91		100		70-130	9		20
Methyl tert butyl ether	87		83		63-130	5		20
p/m-Xylene	95		95		70-130	0		20
o-Xylene	95		90		70-130	5		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Dibromomethane	100		97		70-130	3		20
1,2,3-Trichloropropane	97		96		64-130	1		20
Acrylonitrile	110		100		70-130	10		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 26 Batch: WG2130475-3 WG2130475-4								
Styrene	90		90		70-130	0		20
Dichlorodifluoromethane	76		74		36-147	3		20
Acetone	130		120		58-148	8		20
Carbon disulfide	110		100		51-130	10		20
2-Butanone	100		110		63-138	10		20
Vinyl acetate	100		100		70-130	0		20
4-Methyl-2-pentanone	75		77		59-130	3		20
2-Hexanone	88		88		57-130	0		20
Bromochloromethane	98		93		70-130	5		20
2,2-Dichloropropane	94		90		63-133	4		20
1,2-Dibromoethane	86		86		70-130	0		20
1,3-Dichloropropane	100		96		70-130	4		20
1,1,1,2-Tetrachloroethane	86		86		64-130	0		20
Bromobenzene	89		89		70-130	0		20
n-Butylbenzene	100		100		53-136	0		20
sec-Butylbenzene	97		99		70-130	2		20
tert-Butylbenzene	92		95		70-130	3		20
o-Chlorotoluene	100		100		70-130	0		20
p-Chlorotoluene	100		100		70-130	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 26 Batch: WG2130475-3 WG2130475-4								
1,2-Dibromo-3-chloropropane	77		77		41-144	0		20
Hexachlorobutadiene	86		85		63-130	1		20
Isopropylbenzene	96		98		70-130	2		20
p-Isopropyltoluene	96		96		70-130	0		20
Naphthalene	80		80		70-130	0		20
n-Propylbenzene	100		100		69-130	0		20
1,2,3-Trichlorobenzene	81		84		70-130	4		20
1,2,4-Trichlorobenzene	78		79		70-130	1		20
1,3,5-Trimethylbenzene	98		100		64-130	2		20
1,2,4-Trimethylbenzene	100		100		70-130	0		20
1,4-Dioxane	106		102		56-162	4		20
p-Diethylbenzene	91		92		70-130	1		20
p-Ethyltoluene	100		97		70-130	3		20
1,2,4,5-Tetramethylbenzene	93		93		70-130	0		20
Ethyl ether	96		89		59-134	8		20
trans-1,4-Dichloro-2-butene	94		92		70-130	2		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 26 Batch: WG2130475-3 WG2130475-4								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	115		113		70-130
Toluene-d8	102		101		70-130
4-Bromofluorobenzene	104		108		70-130
Dibromofluoromethane	101		102		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 13-16,19-23,25 Batch: WG2130744-3 WG2130744-4								
Methylene chloride	89		91		70-130	2		30
1,1-Dichloroethane	95		95		70-130	0		30
Chloroform	91		97		70-130	6		30
Carbon tetrachloride	98		99		70-130	1		30
1,2-Dichloropropane	93		97		70-130	4		30
Dibromochloromethane	90		99		70-130	10		30
1,1,2-Trichloroethane	90		97		70-130	7		30
Tetrachloroethene	102		102		70-130	0		30
Chlorobenzene	91		92		70-130	1		30
Trichlorofluoromethane	106		104		70-139	2		30
1,2-Dichloroethane	95		103		70-130	8		30
1,1,1-Trichloroethane	99		100		70-130	1		30
Bromodichloromethane	91		98		70-130	7		30
trans-1,3-Dichloropropene	91		98		70-130	7		30
cis-1,3-Dichloropropene	93		98		70-130	5		30
1,1-Dichloropropene	97		99		70-130	2		30
Bromoform	86		100		70-130	15		30
1,1,2,2-Tetrachloroethane	86		101		70-130	16		30
Benzene	95		97		70-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 13-16,19-23,25 Batch: WG2130744-3 WG2130744-4								
Toluene	94		92		70-130	2		30
Ethylbenzene	96		95		70-130	1		30
Chloromethane	99		96		52-130	3		30
Bromomethane	91		90		57-147	1		30
Vinyl chloride	100		99		67-130	1		30
Chloroethane	103		98		50-151	5		30
1,1-Dichloroethene	100		100		65-135	0		30
trans-1,2-Dichloroethene	98		98		70-130	0		30
Trichloroethene	97		99		70-130	2		30
1,2-Dichlorobenzene	92		95		70-130	3		30
1,3-Dichlorobenzene	94		96		70-130	2		30
1,4-Dichlorobenzene	94		95		70-130	1		30
Methyl tert butyl ether	89		100		66-130	12		30
p/m-Xylene	98		98		70-130	0		30
o-Xylene	97		97		70-130	0		30
cis-1,2-Dichloroethene	92		94		70-130	2		30
Dibromomethane	96		107		70-130	11		30
Styrene	97		97		70-130	0		30
Dichlorodifluoromethane	105		104		30-146	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 13-16,19-23,25 Batch: WG2130744-3 WG2130744-4								
Acetone	83		107		54-140	25		30
Carbon disulfide	99		100		59-130	1		30
2-Butanone	79		103		70-130	26		30
Vinyl acetate	101		115		70-130	13		30
4-Methyl-2-pentanone	84		102		70-130	19		30
1,2,3-Trichloropropane	88		103		68-130	16		30
2-Hexanone	76		101		70-130	28		30
Bromochloromethane	96		100		70-130	4		30
2,2-Dichloropropane	97		98		70-130	1		30
1,2-Dibromoethane	93		103		70-130	10		30
1,3-Dichloropropane	91		99		69-130	8		30
1,1,1,2-Tetrachloroethane	92		95		70-130	3		30
Bromobenzene	91		95		70-130	4		30
n-Butylbenzene	102		102		70-130	0		30
sec-Butylbenzene	102		101		70-130	1		30
tert-Butylbenzene	98		100		70-130	2		30
o-Chlorotoluene	110		110		70-130	0		30
p-Chlorotoluene	94		95		70-130	1		30
1,2-Dibromo-3-chloropropane	83		104		68-130	22		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 13-16,19-23,25 Batch: WG2130744-3 WG2130744-4								
Hexachlorobutadiene	101		100		67-130	1		30
Isopropylbenzene	99		99		70-130	0		30
p-Isopropyltoluene	101		100		70-130	1		30
Naphthalene	88		102		70-130	15		30
Acrylonitrile	96		119		70-130	21		30
n-Propylbenzene	100		99		70-130	1		30
1,2,3-Trichlorobenzene	92		99		70-130	7		30
1,2,4-Trichlorobenzene	94		100		70-130	6		30
1,3,5-Trimethylbenzene	99		99		70-130	0		30
1,2,4-Trimethylbenzene	96		98		70-130	2		30
1,4-Dioxane	87		113		65-136	26		30
p-Diethylbenzene	101		102		70-130	1		30
p-Ethyltoluene	99		99		70-130	0		30
1,2,4,5-Tetramethylbenzene	99		100		70-130	1		30
Ethyl ether	97		103		67-130	6		30
trans-1,4-Dichloro-2-butene	89		111		70-130	22		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 13-16,19-23,25 Batch: WG2130744-3 WG2130744-4								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	105		111		70-130
Toluene-d8	99		97		70-130
4-Bromofluorobenzene	100		100		70-130
Dibromofluoromethane	101		104		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 17-18,25 Batch: WG2130745-3 WG2130745-4								
Methylene chloride	89		91		70-130	2		30
1,1-Dichloroethane	95		95		70-130	0		30
Chloroform	91		97		70-130	6		30
Carbon tetrachloride	98		99		70-130	1		30
1,2-Dichloropropane	93		97		70-130	4		30
Dibromochloromethane	90		99		70-130	10		30
1,1,2-Trichloroethane	90		97		70-130	7		30
Tetrachloroethene	102		102		70-130	0		30
Chlorobenzene	91		92		70-130	1		30
Trichlorofluoromethane	106		104		70-139	2		30
1,2-Dichloroethane	95		103		70-130	8		30
1,1,1-Trichloroethane	99		100		70-130	1		30
Bromodichloromethane	91		98		70-130	7		30
trans-1,3-Dichloropropene	91		98		70-130	7		30
cis-1,3-Dichloropropene	93		98		70-130	5		30
1,1-Dichloropropene	97		99		70-130	2		30
Bromoform	86		100		70-130	15		30
1,1,2,2-Tetrachloroethane	86		101		70-130	16		30
Benzene	95		97		70-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 17-18,25 Batch: WG2130745-3 WG2130745-4								
Toluene	94		92		70-130	2		30
Ethylbenzene	96		95		70-130	1		30
Chloromethane	99		96		52-130	3		30
Bromomethane	91		90		57-147	1		30
Vinyl chloride	100		99		67-130	1		30
Chloroethane	103		98		50-151	5		30
1,1-Dichloroethene	100		100		65-135	0		30
trans-1,2-Dichloroethene	98		98		70-130	0		30
Trichloroethene	97		99		70-130	2		30
1,2-Dichlorobenzene	92		95		70-130	3		30
1,3-Dichlorobenzene	94		96		70-130	2		30
1,4-Dichlorobenzene	94		95		70-130	1		30
Methyl tert butyl ether	89		100		66-130	12		30
p/m-Xylene	98		98		70-130	0		30
o-Xylene	97		97		70-130	0		30
cis-1,2-Dichloroethene	92		94		70-130	2		30
Dibromomethane	96		107		70-130	11		30
Styrene	97		97		70-130	0		30
Dichlorodifluoromethane	105		104		30-146	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 17-18,25 Batch: WG2130745-3 WG2130745-4								
Acetone	83		107		54-140	25		30
Carbon disulfide	99		100		59-130	1		30
2-Butanone	79		103		70-130	26		30
Vinyl acetate	101		115		70-130	13		30
4-Methyl-2-pentanone	84		102		70-130	19		30
1,2,3-Trichloropropane	88		103		68-130	16		30
2-Hexanone	76		101		70-130	28		30
Bromochloromethane	96		100		70-130	4		30
2,2-Dichloropropane	97		98		70-130	1		30
1,2-Dibromoethane	93		103		70-130	10		30
1,3-Dichloropropane	91		99		69-130	8		30
1,1,1,2-Tetrachloroethane	92		95		70-130	3		30
Bromobenzene	91		95		70-130	4		30
n-Butylbenzene	102		102		70-130	0		30
sec-Butylbenzene	102		101		70-130	1		30
tert-Butylbenzene	98		100		70-130	2		30
o-Chlorotoluene	110		110		70-130	0		30
p-Chlorotoluene	94		95		70-130	1		30
1,2-Dibromo-3-chloropropane	83		104		68-130	22		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 17-18,25 Batch: WG2130745-3 WG2130745-4								
Hexachlorobutadiene	101		100		67-130	1		30
Isopropylbenzene	99		99		70-130	0		30
p-Isopropyltoluene	101		100		70-130	1		30
Naphthalene	88		102		70-130	15		30
Acrylonitrile	96		119		70-130	21		30
n-Propylbenzene	100		99		70-130	1		30
1,2,3-Trichlorobenzene	92		99		70-130	7		30
1,2,4-Trichlorobenzene	94		100		70-130	6		30
1,3,5-Trimethylbenzene	99		99		70-130	0		30
1,2,4-Trimethylbenzene	96		98		70-130	2		30
1,4-Dioxane	87		113		65-136	26		30
p-Diethylbenzene	101		102		70-130	1		30
p-Ethyltoluene	99		99		70-130	0		30
1,2,4,5-Tetramethylbenzene	99		100		70-130	1		30
Ethyl ether	97		103		67-130	6		30
trans-1,4-Dichloro-2-butene	89		111		70-130	22		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 17-18,25 Batch: WG2130745-3 WG2130745-4								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	104		111		70-130
Toluene-d8	99		97		70-130
4-Bromofluorobenzene	100		100		70-130
Dibromofluoromethane	101		104		70-130

Matrix Spike Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 13-16,19-23,25 QC Batch ID: WG2130744-6 WG2130744-7 QC Sample: L2563358-21 Client ID: GZ-09 (0-2')												
Methylene chloride	ND	114	74	**65**	Q	84	73		70-130	13		30
1,1-Dichloroethane	ND	114	98	86		110	94		70-130	10		30
Chloroform	ND	114	90	79		100	90		70-130	13		30
Carbon tetrachloride	ND	114	100	90		120	105		70-130	16		30
1,2-Dichloropropane	ND	114	91	80		100	88		70-130	11		30
Dibromochloromethane	ND	114	76	**67**	Q	88	76		70-130	14		30
1,1,2-Trichloroethane	ND	114	86	75		93	80		70-130	8		30
Tetrachloroethene	0.48	114	74	**65**	Q	100	87		70-130	**31**	Q	30
Chlorobenzene	ND	114	52	**46**	Q	70	**61**	Q	70-130	30		30
Trichlorofluoromethane	ND	114	110	98		130	113		70-139	15		30
1,2-Dichloroethane	ND	114	78	**68**	Q	88	76		70-130	12		30
1,1,1-Trichloroethane	ND	114	110	96		120	104		70-130	10		30
Bromodichloromethane	ND	114	81	71		94	82		70-130	15		30
trans-1,3-Dichloropropene	ND	114	41	**36**	Q	51	**44**	Q	70-130	23		30
cis-1,3-Dichloropropene	ND	114	51	**45**	Q	67	**58**	Q	70-130	27		30
1,1-Dichloropropene	ND	114	64	**56**	Q	96	83		70-130	**39**	Q	30
Bromoform	ND	114	85	75		89	78		70-130	4		30
1,1,2,2-Tetrachloroethane	ND	114	100	91		100	88		70-130	3		30
Benzene	ND	114	87	77		100	90		70-130	16		30

Matrix Spike Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 13-16,19-23,25 QC Batch ID: WG2130744-6 WG2130744-7 QC Sample: L2563358-21 Client ID: GZ-09 (0-2')												
Toluene	ND	114	76	**67**	Q	97	84		70-130	24		30
Ethylbenzene	ND	114	64	**56**	Q	86	75		70-130	29		30
Chloromethane	ND	114	110	96		120	104		52-130	9		30
Bromomethane	ND	114	82	72		92	80		57-147	11		30
Vinyl chloride	ND	114	95	84		120	100		67-130	19		30
Chloroethane	ND	114	95	83		110	96		50-151	16		30
1,1-Dichloroethene	ND	114	83	73		100	90		65-135	23		30
trans-1,2-Dichloroethene	ND	114	61	**53**	Q	86	74		70-130	**34**	Q	30
Trichloroethene	ND	114	62	**54**	Q	87	76		70-130	**34**	Q	30
1,2-Dichlorobenzene	ND	114	44	**39**	Q	56	**48**	Q	70-130	23		30
1,3-Dichlorobenzene	ND	114	38	**33**	Q	53	**46**	Q	70-130	**33**	Q	30
1,4-Dichlorobenzene	ND	114	33	**29**	Q	47	**40**	Q	70-130	**34**	Q	30
Methyl tert butyl ether	ND	114	110	92		110	93		66-130	2		30
p/m-Xylene	ND	228	130	**57**	Q	170	74		70-130	28		30
o-Xylene	ND	228	150	**65**	Q	180	77		70-130	18		30
cis-1,2-Dichloroethene	ND	114	64	**56**	Q	81	70		70-130	23		30
Dibromomethane	ND	114	61	**54**	Q	72	**63**	Q	70-130	17		30
Styrene	ND	228	90	**40**	Q	130	**56**	Q	70-130	**35**	Q	30
Dichlorodifluoromethane	ND	114	110	100		130	113		30-146	13		30

Matrix Spike Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 13-16,19-23,25 QC Batch ID: WG2130744-6 WG2130744-7 QC Sample: L2563358-21 Client ID: GZ-09 (0-2')												
Acetone	ND	114	98	86		140	122		54-140	**35**	Q	30
Carbon disulfide	ND	114	57	**50**	Q	88	76		59-130	**43**	Q	30
2-Butanone	ND	114	89	78		110	94		70-130	19		30
Vinyl acetate	ND	114	17	**15**	Q	18	**16**	Q	70-130	6		30
4-Methyl-2-pentanone	ND	114	94	83		98	85		70-130	3		30
1,2,3-Trichloropropane	ND	114	100	87		100	89		68-130	2		30
2-Hexanone	ND	114	63	**55**	Q	76	**66**	Q	70-130	19		30
Bromochloromethane	ND	114	71	**62**	Q	82	72		70-130	15		30
2,2-Dichloropropane	ND	114	110	93		120	104		70-130	12		30
1,2-Dibromoethane	ND	114	58	**50**	Q	67	**58**	Q	70-130	15		30
1,3-Dichloropropane	ND	114	72	**63**	Q	82	71		69-130	12		30
1,1,1,2-Tetrachloroethane	ND	114	94	82		100	87		70-130	6		30
Bromobenzene	ND	114	52	**45**	Q	66	**57**	Q	70-130	24		30
n-Butylbenzene	ND	114	39	**34**	Q	68	**59**	Q	70-130	**54**	Q	30
sec-Butylbenzene	ND	114	73	**64**	Q	99	86		70-130	30		30
tert-Butylbenzene	ND	114	95	83		110	95		70-130	14		30
o-Chlorotoluene	ND	114	71	**62**	Q	88	76		70-130	22		30
p-Chlorotoluene	ND	114	47	**41**	Q	65	**57**	Q	70-130	**33**	Q	30
1,2-Dibromo-3-chloropropane	ND	114	75	**65**	Q	80	69		68-130	7		30

Matrix Spike Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 13-16,19-23,25 QC Batch ID: WG2130744-6 WG2130744-7 QC Sample: L2563358-21 Client ID: GZ-09 (0-2')												
Hexachlorobutadiene	ND	114	36	**32**	Q	53	**46**	Q	67-130	**37**	Q	30
Isopropylbenzene	ND	114	92	81		110	97		70-130	20		30
p-Isopropyltoluene	ND	114	65	**57**	Q	90	78		70-130	**31**	Q	30
Naphthalene	ND	114	23	**20**	Q	41	**35**	Q	70-130	**54**	Q	30
Acrylonitrile	ND	114	75	**66**	Q	87	76		70-130	15		30
n-Propylbenzene	ND	114	64	**56**	Q	92	80		70-130	**36**	Q	30
1,2,3-Trichlorobenzene	ND	114	19	**17**	Q	27	**23**	Q	70-130	**32**	Q	30
1,2,4-Trichlorobenzene	ND	114	18	**15**	Q	26	**22**	Q	70-130	**37**	Q	30
1,3,5-Trimethylbenzene	ND	114	83	72		99	86		70-130	18		30
1,2,4-Trimethylbenzene	ND	114	71	**63**	Q	87	75		70-130	19		30
1,4-Dioxane	ND	5700	6600	115		5900	103		65-136	10		30
p-Diethylbenzene	ND	114	46	**40**	Q	69	**60**	Q	70-130	**41**	Q	30
p-Ethyltoluene	ND	114	63	**55**	Q	88	77		70-130	**33**	Q	30
1,2,4,5-Tetramethylbenzene	ND	114	51	**44**	Q	63	**55**	Q	70-130	22		30
Ethyl ether	ND	114	97	86		100	89		67-130	5		30
trans-1,4-Dichloro-2-butene	ND	114	40	**35**	Q	48	**42**	Q	70-130	17		30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		104		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT

Project Number: 41.0163476.00

Lab Number: L2563358

Report Date: 10/21/25

Parameter	*Native Sample*	*MS Added*	*MS Found*	*MS %Recovery*	*Qual*	*MSD Found*	*MSD %Recovery*	*Qual*	*Recovery Limits*	*RPD*	*Qual*	*RPD Limits*

Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 13-16,19-23,25 QC Batch ID: WG2130744-6 WG2130744-7 QC Sample: L2563358-21 Client ID: GZ-09 (0-2')

Surrogate	*MS % Recovery*	*MS Qualifier*	*MSD % Recovery*	*MSD Qualifier*	*Acceptance Criteria*
4-Bromofluorobenzene	117		114		70-130
Dibromofluoromethane	107		107		70-130
Toluene-d8	107		103		70-130

SEMIVOLATILES

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-01
Client ID: GZ-02 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Date Collected: 10/07/25 12:10
Date Received: 10/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 10/10/25 12:56
Analyst: CMM
Percent Solids: 92%
Extraction Method: EPA 3546
Extraction Date: 10/08/25 23:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	84	J	ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	820		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	170	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	160	J	ug/kg	180	63.	1
Butyl benzyl phthalate	72	J	ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-01 Date Collected: 10/07/25 12:10

Client ID: GZ-02 (0-2') Date Received: 10/07/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	510		ug/kg	110	20.	1
Benzo(a)pyrene	480		ug/kg	140	44.	1
Benzo(b)fluoranthene	620		ug/kg	110	30.	1
Benzo(k)fluoranthene	220		ug/kg	110	29.	1
Chrysene	500		ug/kg	110	19.	1
Acenaphthylene	230		ug/kg	140	28.	1
Anthracene	230		ug/kg	110	35.	1
Benzo(ghi)perylene	380		ug/kg	140	21.	1
Fluorene	100	J	ug/kg	180	18.	1
Phenanthrene	640		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	85	J	ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	320		ug/kg	140	25.	1
Pyrene	820		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	57	J	ug/kg	180	17.	1
2-Methylnaphthalene	110	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	38	J	ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-01 Date Collected: 10/07/25 12:10

Client ID: GZ-02 (0-2') Date Received: 10/07/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	78	J	ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	52		10-136
4-Terphenyl-d14	74		18-120

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-02
Client ID: GZ-02 (2.5-4.5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Date Collected: 10/07/25 12:15
Date Received: 10/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 10/10/25 13:19
Analyst: CMM
Percent Solids: 94%
Extraction Method: EPA 3546
Extraction Date: 10/08/25 23:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	74	J	ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	35.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	650		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	22.	1
Naphthalene	130	J	ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	300		ug/kg	170	60.	1
Butyl benzyl phthalate	260		ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-02 Date Collected: 10/07/25 12:15

Client ID: GZ-02 (2.5-4.5') Date Received: 10/07/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	380		ug/kg	100	20.	1
Benzo(a)pyrene	330		ug/kg	140	42.	1
Benzo(b)fluoranthene	440		ug/kg	100	29.	1
Benzo(k)fluoranthene	110		ug/kg	100	28.	1
Chrysene	380		ug/kg	100	18.	1
Acenaphthylene	230		ug/kg	140	27.	1
Anthracene	210		ug/kg	100	34.	1
Benzo(ghi)perylene	260		ug/kg	140	20.	1
Fluorene	120	J	ug/kg	170	17.	1
Phenanthrene	520		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	56	J	ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	220		ug/kg	140	24.	1
Pyrene	670		ug/kg	100	17.	1
Biphenyl	25	J	ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	170	32.	1
2-Nitroaniline	ND		ug/kg	170	34.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	85	J	ug/kg	170	16.	1
2-Methylnaphthalene	98	J	ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	27	J	ug/kg	170	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	380	65.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	830	81.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	83.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-02 Date Collected: 10/07/25 12:15

Client ID: GZ-02 (2.5-4.5') Date Received: 10/07/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	180	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	71	J	ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		25-120
Phenol-d6	54		10-120
Nitrobenzene-d5	46		23-120
2-Fluorobiphenyl	51		30-120
2,4,6-Tribromophenol	50		10-136
4-Terphenyl-d14	55		18-120

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-02
Client ID: GZ-02 (2.5-4.5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/07/25 12:15
Date Received: 10/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 168,1633A
Analytical Date: 10/13/25 13:08
Analyst: CAB
Percent Solids: 94%

Extraction Method: EPA 1633
Extraction Date: 10/09/25 17:54
Cleanup Method: EPA 1633
Cleanup Date: 10/09/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.804	0.104	1
Perfluoropentanoic Acid (PFPeA)	0.074	J	ng/g	0.402	0.040	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.201	0.036	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.804	0.155	1
Perfluorohexanoic Acid (PFHxA)	0.080	JF	ng/g	0.201	0.034	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.201	0.028	1
Perfluoroheptanoic Acid (PFHpA)	0.112	J	ng/g	0.201	0.072	1
Perfluorohexanesulfonic Acid (PFHxS)	0.062	J	ng/g	0.201	0.034	1
Perfluorooctanoic Acid (PFOA)	0.227		ng/g	0.201	0.044	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.804	0.114	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.201	0.034	1
Perfluorononanoic Acid (PFNA)	0.068	J	ng/g	0.201	0.024	1
Perfluorooctanesulfonic Acid (PFOS)	0.494		ng/g	0.201	0.046	1
Perfluorodecanoic Acid (PFDA)	0.118	J	ng/g	0.201	0.032	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.804	0.237	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.201	0.094	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.201	0.096	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.201	0.056	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.201	0.056	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.201	0.038	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.201	0.078	1
Perfluorododecanoic Acid (PFDoA)	0.118	J	ng/g	0.201	0.036	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.201	0.032	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.201	0.042	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.804	0.161	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.804	0.285	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-02 Date Collected: 10/07/25 12:15

Client ID: GZ-02 (2.5-4.5') Date Received: 10/07/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.201	0.058	1
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.804	0.153	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.804	0.243	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.201	0.060	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.201	0.066	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.01	0.251	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.01	0.243	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.402	0.036	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.402	0.052	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.402	0.048	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.402	0.120	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.348	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.02	0.932	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.02	1.65	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-02 Date Collected: 10/07/25 12:15

Client ID: GZ-02 (2.5-4.5') Date Received: 10/07/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	82		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	71		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	63		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	77		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	74		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	66		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	64		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	77		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	77		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	70		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	63		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	75		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	64		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	57		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	69		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	57		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	59		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	57		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	43		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	76		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	51		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	46		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	64		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	63		15-130

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-03
Client ID: GZ-05 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/07/25 14:25
Date Received: 10/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 10/10/25 13:43
Analyst: CMM
Percent Solids: 97%

Extraction Method: EPA 3546
Extraction Date: 10/08/25 23:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	27	J	ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	19.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	30.	1
1,3-Dichlorobenzene	ND		ug/kg	170	29.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	45.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	29.	1
Fluoranthene	250		ug/kg	100	19.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	29.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	480	150	1
Hexachloroethane	ND		ug/kg	140	27.	1
Isophorone	ND		ug/kg	150	22.	1
Naphthalene	210		ug/kg	170	20.	1
Nitrobenzene	ND		ug/kg	150	25.	1
NDPA/DPA	ND		ug/kg	140	19.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.	1
Bis(2-ethylhexyl)phthalate	77	J	ug/kg	170	58.	1
Butyl benzyl phthalate	ND		ug/kg	170	43.	1
Di-n-butylphthalate	ND		ug/kg	170	32.	1
Di-n-octylphthalate	ND		ug/kg	170	57.	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-03 Date Collected: 10/07/25 14:25

Client ID: GZ-05 (0-2') Date Received: 10/07/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	260		ug/kg	100	19.	1
Benzo(a)pyrene	330		ug/kg	140	41.	1
Benzo(b)fluoranthene	420		ug/kg	100	28.	1
Benzo(k)fluoranthene	110		ug/kg	100	27.	1
Chrysene	290		ug/kg	100	18.	1
Acenaphthylene	690		ug/kg	140	26.	1
Anthracene	280		ug/kg	100	33.	1
Benzo(ghi)perylene	410		ug/kg	140	20.	1
Fluorene	88	J	ug/kg	170	16.	1
Phenanthrene	150		ug/kg	100	20.	1
Dibenzo(a,h)anthracene	73	J	ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	290		ug/kg	140	24.	1
Pyrene	430		ug/kg	100	17.	1
Biphenyl	27	J	ug/kg	380	22.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	32.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	70.	1
Dibenzofuran	29	J	ug/kg	170	16.	1
2-Methylnaphthalene	180	J	ug/kg	200	20.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	46	J	ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
p-Chloro-m-cresol	ND		ug/kg	170	25.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	150	27.	1
2,4-Dimethylphenol	ND		ug/kg	170	56.	1
2-Nitrophenol	ND		ug/kg	360	64.	1
4-Nitrophenol	ND		ug/kg	240	69.	1
2,4-Dinitrophenol	ND		ug/kg	810	79.	1
4,6-Dinitro-o-cresol	ND		ug/kg	440	81.	1
Pentachlorophenol	ND		ug/kg	140	37.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	26.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-03 Date Collected: 10/07/25 14:25

Client ID: GZ-05 (0-2') Date Received: 10/07/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	32.	1
Benzoic Acid	ND		ug/kg	550	170	1
Benzyl Alcohol	ND		ug/kg	170	52.	1
Carbazole	20	J	ug/kg	170	16.	1
1,4-Dioxane	ND		ug/kg	25	7.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	40		25-120
Phenol-d6	53		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	65		30-120
2,4,6-Tribromophenol	25		10-136
4-Terphenyl-d14	70		18-120

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-04
Client ID: GZ-05 (2.5-4.5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Date Collected: 10/07/25 14:30
Date Received: 10/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 10/10/25 14:06
Analyst: CMM
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 10/08/25 23:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	19.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	30.	1
1,3-Dichlorobenzene	ND		ug/kg	170	29.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	45.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	29.	1
Fluoranthene	26	J	ug/kg	100	19.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	29.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	480	150	1
Hexachloroethane	ND		ug/kg	140	27.	1
Isophorone	ND		ug/kg	150	22.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	150	25.	1
NDPA/DPA	ND		ug/kg	140	19.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	58.	1
Butyl benzyl phthalate	ND		ug/kg	170	43.	1
Di-n-butylphthalate	ND		ug/kg	170	32.	1
Di-n-octylphthalate	ND		ug/kg	170	58.	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-04 Date Collected: 10/07/25 14:30

Client ID: GZ-05 (2.5-4.5') Date Received: 10/07/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	33	J	ug/kg	100	19.	1
Benzo(a)pyrene	ND		ug/kg	140	41.	1
Benzo(b)fluoranthene	39	J	ug/kg	100	28.	1
Benzo(k)fluoranthene	ND		ug/kg	100	27.	1
Chrysene	37	J	ug/kg	100	18.	1
Acenaphthylene	77	J	ug/kg	140	26.	1
Anthracene	ND		ug/kg	100	33.	1
Benzo(ghi)perylene	33	J	ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	16.	1
Phenanthrene	ND		ug/kg	100	20.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	24	J	ug/kg	140	24.	1
Pyrene	56	J	ug/kg	100	17.	1
Biphenyl	ND		ug/kg	390	22.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	70.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	200	20.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
p-Chloro-m-cresol	ND		ug/kg	170	25.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	150	27.	1
2,4-Dimethylphenol	ND		ug/kg	170	56.	1
2-Nitrophenol	ND		ug/kg	360	64.	1
4-Nitrophenol	ND		ug/kg	240	69.	1
2,4-Dinitrophenol	ND		ug/kg	810	79.	1
4,6-Dinitro-o-cresol	ND		ug/kg	440	81.	1
Pentachlorophenol	ND		ug/kg	140	37.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	26.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-04 Date Collected: 10/07/25 14:30

Client ID: GZ-05 (2.5-4.5') Date Received: 10/07/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	32.	1
Benzoic Acid	ND		ug/kg	550	170	1
Benzyl Alcohol	ND		ug/kg	170	52.	1
Carbazole	ND		ug/kg	170	16.	1
1,4-Dioxane	ND		ug/kg	25	7.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	88		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	79		10-136
4-Terphenyl-d14	79		18-120

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-05
Client ID: GZ-12 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/07/25 14:10
Date Received: 10/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 10/10/25 15:15
Analyst: CMM
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 10/08/25 23:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	23	J	ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	35.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	340		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	22.	1
Naphthalene	65	J	ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	98	J	ug/kg	170	60.	1
Butyl benzyl phthalate	240		ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-05 Date Collected: 10/07/25 14:10

Client ID: GZ-12 (0-2') Date Received: 10/07/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	260		ug/kg	100	19.	1
Benzo(a)pyrene	280		ug/kg	140	42.	1
Benzo(b)fluoranthene	340		ug/kg	100	29.	1
Benzo(k)fluoranthene	95	J	ug/kg	100	28.	1
Chrysene	260		ug/kg	100	18.	1
Acenaphthylene	240		ug/kg	140	27.	1
Anthracene	120		ug/kg	100	34.	1
Benzo(ghi)perylene	220		ug/kg	140	20.	1
Fluorene	38	J	ug/kg	170	17.	1
Phenanthrene	160		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	46	J	ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	180		ug/kg	140	24.	1
Pyrene	430		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	390	22.	1
4-Chloroaniline	ND		ug/kg	170	32.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	26	J	ug/kg	170	16.	1
2-Methylnaphthalene	47	J	ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	370	65.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	830	81.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	83.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-05 Date Collected: 10/07/25 14:10

Client ID: GZ-12 (0-2') Date Received: 10/07/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	180	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	25	J	ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	72		10-136
4-Terphenyl-d14	75		18-120

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-06
Client ID: GZ-12 (2.5-4.5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/07/25 14:15
Date Received: 10/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 10/10/25 15:38
Analyst: CMM
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 10/08/25 23:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	59	J	ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	29.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	29.	1
Fluoranthene	800		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	29.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	490	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	150	22.	1
Naphthalene	210		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	150	25.	1
NDPA/DPA	ND		ug/kg	140	19.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	59.	1
Butyl benzyl phthalate	ND		ug/kg	170	43.	1
Di-n-butylphthalate	ND		ug/kg	170	32.	1
Di-n-octylphthalate	ND		ug/kg	170	58.	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-06 Date Collected: 10/07/25 14:15

Client ID: GZ-12 (2.5-4.5') Date Received: 10/07/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	540		ug/kg	100	19.	1
Benzo(a)pyrene	500		ug/kg	140	42.	1
Benzo(b)fluoranthene	630		ug/kg	100	29.	1
Benzo(k)fluoranthene	190		ug/kg	100	27.	1
Chrysene	550		ug/kg	100	18.	1
Acenaphthylene	360		ug/kg	140	26.	1
Anthracene	270		ug/kg	100	33.	1
Benzo(ghi)perylene	400		ug/kg	140	20.	1
Fluorene	96	J	ug/kg	170	17.	1
Phenanthrene	530		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	86	J	ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	330		ug/kg	140	24.	1
Pyrene	820		ug/kg	100	17.	1
Biphenyl	26	J	ug/kg	390	22.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	71.	1
Dibenzofuran	44	J	ug/kg	170	16.	1
2-Methylnaphthalene	120	J	ug/kg	200	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	150	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	56.	1
2-Nitrophenol	ND		ug/kg	370	64.	1
4-Nitrophenol	ND		ug/kg	240	70.	1
2,4-Dinitrophenol	ND		ug/kg	820	80.	1
4,6-Dinitro-o-cresol	ND		ug/kg	440	82.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	26.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-06 Date Collected: 10/07/25 14:15

Client ID: GZ-12 (2.5-4.5') Date Received: 10/07/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	550	170	1
Benzyl Alcohol	ND		ug/kg	170	52.	1
Carbazole	73	J	ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	7.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	87		25-120
Phenol-d6	83		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	81		10-136
4-Terphenyl-d14	75		18-120

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-06
Client ID: GZ-12 (2.5-4.5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/07/25 14:15
Date Received: 10/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 168,1633A
Analytical Date: 10/13/25 13:17
Analyst: CAB
Percent Solids: 95%

Extraction Method: EPA 1633
Extraction Date: 10/09/25 17:54
Cleanup Method: EPA 1633
Cleanup Date: 10/09/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.810	0.105	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.405	0.041	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.203	0.037	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.810	0.156	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.203	0.034	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.203	0.028	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.203	0.073	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.203	0.034	1
Perfluorooctanoic Acid (PFOA)	0.091	J	ng/g	0.203	0.045	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.810	0.116	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.203	0.034	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.203	0.024	1
Perfluorooctanesulfonic Acid (PFOS)	0.336		ng/g	0.203	0.047	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.203	0.032	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.810	0.239	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.203	0.095	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.203	0.097	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.203	0.057	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.203	0.057	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.203	0.039	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.203	0.079	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.203	0.037	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.203	0.032	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.203	0.043	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.810	0.162	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.810	0.288	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-06 Date Collected: 10/07/25 14:15

Client ID: GZ-12 (2.5-4.5') Date Received: 10/07/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.203	0.059	1
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.810	0.154	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.810	0.245	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.203	0.061	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.203	0.067	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.03	0.253	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.03	0.245	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.405	0.037	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.405	0.053	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.405	0.049	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.405	0.122	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.01	0.350	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.07	0.940	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.07	1.66	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-06 Date Collected: 10/07/25 14:15

Client ID: GZ-12 (2.5-4.5') Date Received: 10/07/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	109		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	95		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	98		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	105		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	94		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	87		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	96		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	99		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	109		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	102		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	93		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	100		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	102		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	84		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	95		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	79		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	84		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	86		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	56		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	99		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	67		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	62		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	83		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	80		15-130

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-07
Client ID: GZ-13 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/07/25 08:55
Date Received: 10/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 10/10/25 16:02
Analyst: CMM
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 10/08/25 23:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	60	J	ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	29.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	490	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	22.	1
Naphthalene	23	J	ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-07 Date Collected: 10/07/25 08:55

Client ID: GZ-13 (0-2') Date Received: 10/07/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	42	J	ug/kg	100	19.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	46	J	ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	39	J	ug/kg	100	18.	1
Acenaphthylene	40	J	ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	27	J	ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	68	J	ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	61	J	ug/kg	100	17.	1
Biphenyl	ND		ug/kg	390	22.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	71.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	37	J	ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	370	65.	1
4-Nitrophenol	ND		ug/kg	240	70.	1
2,4-Dinitrophenol	ND		ug/kg	830	80.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	83.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-07 Date Collected: 10/07/25 08:55

Client ID: GZ-13 (0-2') Date Received: 10/07/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	170	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	ND		ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	7.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		25-120
Phenol-d6	61		10-120
Nitrobenzene-d5	46		23-120
2-Fluorobiphenyl	58		30-120
2,4,6-Tribromophenol	52		10-136
4-Terphenyl-d14	64		18-120

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-08
Client ID: GZ-13 (2.5-4.5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/07/25 09:00
Date Received: 10/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 10/10/25 16:25
Analyst: CMM
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 10/08/25 23:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	19.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	29.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	45.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	29.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	29.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	490	150	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	150	22.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	150	25.	1
NDPA/DPA	ND		ug/kg	140	19.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	59.	1
Butyl benzyl phthalate	ND		ug/kg	170	43.	1
Di-n-butylphthalate	ND		ug/kg	170	32.	1
Di-n-octylphthalate	ND		ug/kg	170	58.	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-08 Date Collected: 10/07/25 09:00

Client ID: GZ-13 (2.5-4.5') Date Received: 10/07/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	ND		ug/kg	100	19.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	ND		ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	27.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	26.	1
Anthracene	ND		ug/kg	100	33.	1
Benzo(ghi)perylene	ND		ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	16.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	390	22.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	70.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	200	20.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
p-Chloro-m-cresol	ND		ug/kg	170	25.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	150	27.	1
2,4-Dimethylphenol	ND		ug/kg	170	56.	1
2-Nitrophenol	ND		ug/kg	370	64.	1
4-Nitrophenol	ND		ug/kg	240	70.	1
2,4-Dinitrophenol	ND		ug/kg	820	79.	1
4,6-Dinitro-o-cresol	ND		ug/kg	440	82.	1
Pentachlorophenol	ND		ug/kg	140	37.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	26.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	27.	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-08 Date Collected: 10/07/25 09:00

Client ID: GZ-13 (2.5-4.5') Date Received: 10/07/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	550	170	1
Benzyl Alcohol	ND		ug/kg	170	52.	1
Carbazole	ND		ug/kg	170	16.	1
1,4-Dioxane	ND		ug/kg	26	7.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	31		25-120
Phenol-d6	57		10-120
Nitrobenzene-d5	46		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	28		10-136
4-Terphenyl-d14	78		18-120

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-09
Client ID: GZ-14 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/07/25 12:00
Date Received: 10/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 10/12/25 20:06
Analyst: CMM
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 10/11/25 10:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	140		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	1400		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	29.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	490	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	22.	1
Naphthalene	160	J	ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	88	J	ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	43.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-09 Date Collected: 10/07/25 12:00

Client ID: GZ-14 (0-2') Date Received: 10/07/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	810		ug/kg	100	19.	1
Benzo(a)pyrene	780		ug/kg	140	42.	1
Benzo(b)fluoranthene	1200		ug/kg	100	29.	1
Benzo(k)fluoranthene	240		ug/kg	100	28.	1
Chrysene	810		ug/kg	100	18.	1
Acenaphthylene	190		ug/kg	140	27.	1
Anthracene	300		ug/kg	100	34.	1
Benzo(ghi)perylene	490		ug/kg	140	20.	1
Fluorene	140	J	ug/kg	170	17.	1
Phenanthrene	960		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	98	J	ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	490		ug/kg	140	24.	1
Pyrene	1200		ug/kg	100	17.	1
Biphenyl	22	J	ug/kg	390	22.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	71.	1
Dibenzofuran	71	J	ug/kg	170	16.	1
2-Methylnaphthalene	120	J	ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	370	65.	1
4-Nitrophenol	ND		ug/kg	240	70.	1
2,4-Dinitrophenol	ND		ug/kg	830	80.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	83.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-09 Date Collected: 10/07/25 12:00

Client ID: GZ-14 (0-2') Date Received: 10/07/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	170	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	110	J	ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	7.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	35		25-120
Phenol-d6	59		10-120
Nitrobenzene-d5	53		23-120
2-Fluorobiphenyl	67		30-120
2,4,6-Tribromophenol	19		10-136
4-Terphenyl-d14	54		18-120

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-10
Client ID: GZ-14 (2.5-4.5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/07/25 12:05
Date Received: 10/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 10/11/25 00:38
Analyst: JG
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 10/08/25 23:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	250		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-10 Date Collected: 10/07/25 12:05

Client ID: GZ-14 (2.5-4.5') Date Received: 10/07/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	130		ug/kg	110	20.	1
Benzo(a)pyrene	130	J	ug/kg	140	43.	1
Benzo(b)fluoranthene	160		ug/kg	110	30.	1
Benzo(k)fluoranthene	64	J	ug/kg	110	28.	1
Chrysene	120		ug/kg	110	18.	1
Acenaphthylene	28	J	ug/kg	140	27.	1
Anthracene	41	J	ug/kg	110	34.	1
Benzo(ghi)perylene	100	J	ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	110		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	22	J	ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	80	J	ug/kg	140	25.	1
Pyrene	240		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	28.	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-10 Date Collected: 10/07/25 12:05

Client ID: GZ-14 (2.5-4.5') Date Received: 10/07/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		25-120
Phenol-d6	65		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	78		10-136
4-Terphenyl-d14	82		18-120

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-10
Client ID: GZ-14 (2.5-4.5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/07/25 12:05
Date Received: 10/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 168,1633A
Analytical Date: 10/13/25 13:26
Analyst: CAB
Percent Solids: 91%

Extraction Method: EPA 1633
Extraction Date: 10/09/25 17:54
Cleanup Method: EPA 1633
Cleanup Date: 10/09/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.803	0.104	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.402	0.040	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.201	0.036	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.803	0.154	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.201	0.034	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.201	0.028	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.201	0.072	1
Perfluorohexanesulfonic Acid (PFHxS)	0.048	J	ng/g	0.201	0.034	1
Perfluorooctanoic Acid (PFOA)	0.074	J	ng/g	0.201	0.044	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.803	0.114	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.201	0.034	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.201	0.024	1
Perfluorooctanesulfonic Acid (PFOS)	0.339		ng/g	0.201	0.046	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.201	0.032	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.803	0.237	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.201	0.094	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.201	0.096	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.201	0.056	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.201	0.056	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.201	0.038	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.201	0.078	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.201	0.036	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.201	0.032	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.201	0.042	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.803	0.161	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.803	0.285	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-10 Date Collected: 10/07/25 12:05

Client ID: GZ-14 (2.5-4.5') Date Received: 10/07/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.201	0.058	1
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.803	0.152	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.803	0.243	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.201	0.060	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.201	0.066	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.01	0.251	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.01	0.243	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.402	0.036	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.402	0.052	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.402	0.048	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.402	0.120	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.347	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.02	0.931	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.02	1.65	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-10 Date Collected: 10/07/25 12:05

Client ID: GZ-14 (2.5-4.5') Date Received: 10/07/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	92		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	72		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	67		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	80		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	79		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	73		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	73		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	79		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	87		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	81		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	67		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	82		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	78		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	54		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	75		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	60		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	56		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	66		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	51		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	76		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	58		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	50		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	68		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	67		15-130

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-12
Client ID: EQ-PFAS-2025-10-7
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/07/25 15:00
Date Received: 10/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 168,1633A
Analytical Date: 10/16/25 11:03
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 10/10/25 15:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	5.65	2.10	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	2.83	0.523	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.41	0.452	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	5.65	1.31	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.41	0.339	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.41	0.325	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.41	0.438	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.41	0.240	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.41	0.353	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	6.84		ng/l	5.65	2.87	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.41	0.438	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.41	0.212	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.41	0.240	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.41	0.367	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	5.65	2.70	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.41	0.212	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.41	1.02	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.41	0.339	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.41	0.240	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.41	0.283	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.41	0.650	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.41	0.396	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.41	0.240	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.41	0.170	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	5.65	0.834	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	5.65	1.10	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-12 Date Collected: 10/07/25 15:00

Client ID: EQ-PFAS-2025-10-7 Date Received: 10/07/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.41	0.297	1
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	5.65	0.622	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	5.65	0.424	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.41	0.551	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.41	0.410	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	14.1	1.50	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	14.1	1.24	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	2.83	0.127	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	2.83	0.735	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	2.83	0.353	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	2.83	0.834	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.06	1.82	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	35.3	10.1	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	35.3	10.7	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-12 Date Collected: 10/07/25 15:00

Client ID: EQ-PFAS-2025-10-7 Date Received: 10/07/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	104		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	87		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	83		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	76		40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	96		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	88		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	88		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	110		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	91		40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	103		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	98		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	98		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	86		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	69		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	76		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	106		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	74		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	85		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	71		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	92		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	108		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	106		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	100		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	102		10-130

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-13
Client ID: GZ-01 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Date Collected: 10/08/25 08:15
Date Received: 10/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 10/12/25 17:06
Analyst: IMK
Percent Solids: 94%
Extraction Method: EPA 3546
Extraction Date: 10/09/25 23:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	35.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	100		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	22.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-13 Date Collected: 10/08/25 08:15

Client ID: GZ-01 (0-2') Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	58	J	ug/kg	100	20.	1
Benzo(a)pyrene	59	J	ug/kg	140	42.	1
Benzo(b)fluoranthene	70	J	ug/kg	100	29.	1
Benzo(k)fluoranthene	30	J	ug/kg	100	28.	1
Chrysene	58	J	ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	73	J	ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	74	J	ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	45	J	ug/kg	140	24.	1
Pyrene	100		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	170	32.	1
2-Nitroaniline	ND		ug/kg	170	34.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	380	65.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	840	81.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	84.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-13 Date Collected: 10/08/25 08:15

Client ID: GZ-01 (0-2') Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	180	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	ND		ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	33		25-120
Phenol-d6	50		10-120
Nitrobenzene-d5	52		23-120
2-Fluorobiphenyl	45		30-120
2,4,6-Tribromophenol	41		10-136
4-Terphenyl-d14	52		18-120

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-14
Client ID: GZ-01 (2.5-4.5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/08/25 08:20
Date Received: 10/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 10/12/25 17:29
Analyst: IMK
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 10/09/25 23:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	35.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	150		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	170	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-14 Date Collected: 10/08/25 08:20

Client ID: GZ-01 (2.5-4.5') Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	37.	1
Benzo(a)anthracene	80	J	ug/kg	100	20.	1
Benzo(a)pyrene	65	J	ug/kg	140	43.	1
Benzo(b)fluoranthene	88	J	ug/kg	100	29.	1
Benzo(k)fluoranthene	31	J	ug/kg	100	28.	1
Chrysene	80	J	ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	50	J	ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	160		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	43	J	ug/kg	140	24.	1
Pyrene	160		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	170	32.	1
2-Nitroaniline	ND		ug/kg	170	34.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	840	81.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	84.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-14 Date Collected: 10/08/25 08:20

Client ID: GZ-01 (2.5-4.5') Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	ND		ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**13**	Q	25-120
Phenol-d6	45		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	57		30-120
2,4,6-Tribromophenol	10		10-136
4-Terphenyl-d14	57		18-120

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-15
Client ID: GZ-03 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/08/25 11:00
Date Received: 10/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 10/12/25 17:53
Analyst: IMK
Percent Solids: 97%

Extraction Method: EPA 3546
Extraction Date: 10/09/25 23:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	980		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	19.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	30.	1
1,3-Dichlorobenzene	ND		ug/kg	170	29.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	45.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	29.	1
Fluoranthene	12000	E	ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	29.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	490	150	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	150	22.	1
Naphthalene	2300		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	150	25.	1
NDPA/DPA	ND		ug/kg	140	19.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.	1
Bis(2-ethylhexyl)phthalate	160	J	ug/kg	170	59.	1
Butyl benzyl phthalate	1200		ug/kg	170	43.	1
Di-n-butylphthalate	ND		ug/kg	170	32.	1
Di-n-octylphthalate	ND		ug/kg	170	58.	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-15 Date Collected: 10/08/25 11:00

Client ID: GZ-03 (0-2') Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	7600	E	ug/kg	100	19.	1
Benzo(a)pyrene	5900		ug/kg	140	41.	1
Benzo(b)fluoranthene	8000	E	ug/kg	100	29.	1
Benzo(k)fluoranthene	1800		ug/kg	100	27.	1
Chrysene	7300	E	ug/kg	100	18.	1
Acenaphthylene	4100		ug/kg	140	26.	1
Anthracene	3400		ug/kg	100	33.	1
Benzo(ghi)perylene	4200		ug/kg	140	20.	1
Fluorene	2200		ug/kg	170	16.	1
Phenanthrene	15000	E	ug/kg	100	21.	1
Dibenzo(a,h)anthracene	1100		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	3800		ug/kg	140	24.	1
Pyrene	15000	E	ug/kg	100	17.	1
Biphenyl	370	J	ug/kg	390	22.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	70.	1
Dibenzofuran	560		ug/kg	170	16.	1
2-Methylnaphthalene	2300		ug/kg	200	20.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
p-Chloro-m-cresol	ND		ug/kg	170	25.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	150	27.	1
2,4-Dimethylphenol	ND		ug/kg	170	56.	1
2-Nitrophenol	ND		ug/kg	370	64.	1
4-Nitrophenol	ND		ug/kg	240	69.	1
2,4-Dinitrophenol	ND		ug/kg	820	79.	1
4,6-Dinitro-o-cresol	ND		ug/kg	440	82.	1
Pentachlorophenol	ND		ug/kg	140	37.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	26.	1
3-Methylphenol/4-Methylphenol	72	J	ug/kg	240	27.	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-15 Date Collected: 10/08/25 11:00

Client ID: GZ-03 (0-2') Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	32.	1
Benzoic Acid	ND		ug/kg	550	170	1
Benzyl Alcohol	ND		ug/kg	170	52.	1
Carbazole	740		ug/kg	170	16.	1
1,4-Dioxane	ND		ug/kg	26	7.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	65		30-120
2,4,6-Tribromophenol	82		10-136
4-Terphenyl-d14	66		18-120

Project Name: OCEAN BAY REDEVELOPMENT
Lab Number: L2563358
Project Number: 41.0163476.00
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-15 D
Client ID: GZ-03 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/08/25 11:00
Date Received: 10/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 10/14/25 14:21
Analyst: IMK
Percent Solids: 97%

Extraction Method: EPA 3546
Extraction Date: 10/09/25 23:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	14000		ug/kg	510	98.	5
Benzo(a)anthracene	9200		ug/kg	510	96.	5
Benzo(b)fluoranthene	9500		ug/kg	510	140	5
Chrysene	8900		ug/kg	510	88.	5
Phenanthrene	18000		ug/kg	510	100	5
Pyrene	18000		ug/kg	510	84.	5

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-16
Client ID: GZ-03 (2.5-4.5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/08/25 11:05
Date Received: 10/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 10/12/25 18:17
Analyst: IMK
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 10/09/25 23:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	290		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	2400		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	440		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-16 Date Collected: 10/08/25 11:05

Client ID: GZ-03 (2.5-4.5') Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	1300		ug/kg	110	20.	1
Benzo(a)pyrene	1100		ug/kg	140	43.	1
Benzo(b)fluoranthene	1400		ug/kg	110	30.	1
Benzo(k)fluoranthene	490		ug/kg	110	28.	1
Chrysene	1200		ug/kg	110	18.	1
Acenaphthylene	790		ug/kg	140	27.	1
Anthracene	630		ug/kg	110	35.	1
Benzo(ghi)perylene	710		ug/kg	140	21.	1
Fluorene	490		ug/kg	180	17.	1
Phenanthrene	2800		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	170		ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	690		ug/kg	140	25.	1
Pyrene	2400		ug/kg	110	18.	1
Biphenyl	86	J	ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	150	J	ug/kg	180	17.	1
2-Methylnaphthalene	500		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	43	J	ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-16 Date Collected: 10/08/25 11:05

Client ID: GZ-03 (2.5-4.5') Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	230		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	36		25-120
Phenol-d6	63		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	61		30-120
2,4,6-Tribromophenol	30		10-136
4-Terphenyl-d14	65		18-120

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-17
Client ID: GZ-04 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Date Collected: 10/08/25 10:30
Date Received: 10/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 10/12/25 18:40
Analyst: IMK
Percent Solids: 94%
Extraction Method: EPA 3546
Extraction Date: 10/09/25 23:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	35.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	21	J	ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	22.	1
Naphthalene	21	J	ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	86	J	ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-17 Date Collected: 10/08/25 10:30

Client ID: GZ-04 (0-2') Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	25	J	ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	42	J	ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	25	J	ug/kg	100	18.	1
Acenaphthylene	77	J	ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	58	J	ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	21	J	ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	34	J	ug/kg	140	24.	1
Pyrene	26	J	ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	22.	1
4-Chloroaniline	ND		ug/kg	170	32.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	370	65.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	830	81.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	83.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-17 Date Collected: 10/08/25 10:30

Client ID: GZ-04 (0-2') Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	180	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	ND		ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	92		25-120
Phenol-d6	86		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	94		10-136
4-Terphenyl-d14	75		18-120

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-18 RE
Client ID: GZ-04 (3-5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/08/25 10:35
Date Received: 10/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 168,1633A
Analytical Date: 10/16/25 10:50
Analyst: AC
Percent Solids: 95%

Extraction Method: EPA 1633
Extraction Date: 10/15/25 18:11
Cleanup Method: EPA 1633
Cleanup Date: 10/15/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.810	0.105	1
Perfluoropentanoic Acid (PFPeA)	0.047	J	ng/g	0.405	0.041	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.202	0.036	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.810	0.156	1
Perfluorohexanoic Acid (PFHxA)	0.057	J	ng/g	0.202	0.034	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.202	0.028	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.202	0.073	1
Perfluorohexanesulfonic Acid (PFHxS)	0.097	J	ng/g	0.202	0.034	1
Perfluorooctanoic Acid (PFOA)	0.138	J	ng/g	0.202	0.045	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.810	0.115	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.202	0.034	1
Perfluorononanoic Acid (PFNA)	0.055	J	ng/g	0.202	0.024	1
Perfluorooctanesulfonic Acid (PFOS)	0.757		ng/g	0.202	0.047	1
Perfluorodecanoic Acid (PFDA)	0.091	J	ng/g	0.202	0.032	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.810	0.239	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.202	0.095	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.202	0.097	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.202	0.057	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.202	0.057	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.202	0.039	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.202	0.079	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.202	0.036	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.202	0.032	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.202	0.043	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.810	0.162	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.810	0.287	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-18 RE Date Collected: 10/08/25 10:35

Client ID: GZ-04 (3-5') Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.202	0.059	1
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.810	0.154	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.810	0.245	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.202	0.061	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.202	0.067	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.02	0.253	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.02	0.245	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.405	0.036	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.405	0.053	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.405	0.049	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.405	0.121	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.01	0.350	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.06	0.939	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.06	1.66	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-18 RE Date Collected: 10/08/25 10:35

Client ID: GZ-04 (3-5') Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	99		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	83		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	89		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	102		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	86		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	91		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	92		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	98		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	146		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	88		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	91		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	101		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	177		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	118		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	95		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	75		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	138		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	83		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	69		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	88		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	58		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	51		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	76		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	74		15-130

Project Name: OCEAN BAY REDEVELOPMENT
Lab Number: L2563358
Project Number: 41.0163476.00
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-18 D2
Client ID: GZ-04 (3-5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/08/25 10:35
Date Received: 10/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 10/14/25 15:03
Analyst: JG
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 10/09/25 23:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Phenanthrene	36000		ug/kg	2600	520	25
Pyrene	31000		ug/kg	2600	430	25

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-18 D
Client ID: GZ-04 (3-5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/08/25 10:35
Date Received: 10/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 10/14/25 14:42
Analyst: JG
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 10/09/25 23:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	1800		ug/kg	690	90.	5
1,2,4-Trichlorobenzene	ND		ug/kg	860	99.	5
Hexachlorobenzene	ND		ug/kg	520	97.	5
Bis(2-chloroethyl)ether	ND		ug/kg	780	120	5
2-Chloronaphthalene	ND		ug/kg	860	86.	5
1,2-Dichlorobenzene	ND		ug/kg	860	160	5
1,3-Dichlorobenzene	ND		ug/kg	860	150	5
1,4-Dichlorobenzene	ND		ug/kg	860	150	5
3,3'-Dichlorobenzidine	ND		ug/kg	860	230	5
2,4-Dinitrotoluene	ND		ug/kg	860	170	5
2,6-Dinitrotoluene	ND		ug/kg	860	150	5
Fluoranthene	31000		ug/kg	520	99.	5
4-Chlorophenyl phenyl ether	ND		ug/kg	860	92.	5
4-Bromophenyl phenyl ether	ND		ug/kg	860	130	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1000	150	5
Bis(2-chloroethoxy)methane	ND		ug/kg	930	86.	5
Hexachlorobutadiene	ND		ug/kg	860	130	5
Hexachlorocyclopentadiene	ND		ug/kg	2500	780	5
Hexachloroethane	ND		ug/kg	690	140	5
Isophorone	ND		ug/kg	780	110	5
Naphthalene	18000		ug/kg	860	100	5
Nitrobenzene	ND		ug/kg	780	130	5
NDPA/DPA	ND		ug/kg	690	98.	5
n-Nitrosodi-n-propylamine	ND		ug/kg	860	130	5
Bis(2-ethylhexyl)phthalate	2000		ug/kg	860	300	5
Butyl benzyl phthalate	ND		ug/kg	860	220	5
Di-n-butylphthalate	ND		ug/kg	860	160	5
Di-n-octylphthalate	ND		ug/kg	860	290	5

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-18 D Date Collected: 10/08/25 10:35

Client ID: GZ-04 (3-5') Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	860	80.	5
Dimethyl phthalate	ND		ug/kg	860	180	5
Benzo(a)anthracene	26000		ug/kg	520	97.	5
Benzo(a)pyrene	19000		ug/kg	690	210	5
Benzo(b)fluoranthene	24000		ug/kg	520	140	5
Benzo(k)fluoranthene	4900		ug/kg	520	140	5
Chrysene	26000		ug/kg	520	90.	5
Acenaphthylene	14000		ug/kg	690	130	5
Anthracene	12000		ug/kg	520	170	5
Benzo(ghi)perylene	13000		ug/kg	690	100	5
Fluorene	13000		ug/kg	860	84.	5
Phenanthrene	62000	E	ug/kg	520	100	5
Dibenzo(a,h)anthracene	3100		ug/kg	520	100	5
Indeno(1,2,3-cd)pyrene	11000		ug/kg	690	120	5
Pyrene	52000	E	ug/kg	520	86.	5
Biphenyl	3000		ug/kg	2000	110	5
4-Chloroaniline	ND		ug/kg	860	160	5
2-Nitroaniline	ND		ug/kg	860	170	5
3-Nitroaniline	ND		ug/kg	860	160	5
4-Nitroaniline	ND		ug/kg	860	360	5
Dibenzofuran	1500		ug/kg	860	82.	5
2-Methylnaphthalene	23000		ug/kg	1000	100	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	860	90.	5
Acetophenone	480	J	ug/kg	860	110	5
2,4,6-Trichlorophenol	ND		ug/kg	520	160	5
p-Chloro-m-cresol	ND		ug/kg	860	130	5
2-Chlorophenol	ND		ug/kg	860	100	5
2,4-Dichlorophenol	ND		ug/kg	780	140	5
2,4-Dimethylphenol	ND		ug/kg	860	280	5
2-Nitrophenol	ND		ug/kg	1900	320	5
4-Nitrophenol	ND		ug/kg	1200	350	5
2,4-Dinitrophenol	ND		ug/kg	4100	400	5
4,6-Dinitro-o-cresol	ND		ug/kg	2200	410	5
Pentachlorophenol	ND		ug/kg	690	190	5
Phenol	ND		ug/kg	860	130	5
2-Methylphenol	ND		ug/kg	860	130	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1200	140	5

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-18 D
Client ID: GZ-04 (3-5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/08/25 10:35
Date Received: 10/08/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	860	160	5
Benzoic Acid	ND		ug/kg	2800	870	5
Benzyl Alcohol	ND		ug/kg	860	260	5
Carbazole	460	J	ug/kg	860	84.	5
1,4-Dioxane	ND		ug/kg	130	40.	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		25-120
Phenol-d6	61		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	60		30-120
2,4,6-Tribromophenol	73		10-136
4-Terphenyl-d14	59		18-120

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-19
Client ID: GZ-08 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/08/25 08:50
Date Received: 10/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 10/12/25 19:28
Analyst: CMM
Percent Solids: 97%

Extraction Method: EPA 3546
Extraction Date: 10/09/25 23:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	29.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	45.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	29.	1
Fluoranthene	110		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	29.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	490	150	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	150	22.	1
Naphthalene	38	J	ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	150	25.	1
NDPA/DPA	ND		ug/kg	140	19.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	59.	1
Butyl benzyl phthalate	ND		ug/kg	170	43.	1
Di-n-butylphthalate	ND		ug/kg	170	32.	1
Di-n-octylphthalate	ND		ug/kg	170	58.	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-19 Date Collected: 10/08/25 08:50

Client ID: GZ-08 (0-2') Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	78	J	ug/kg	100	19.	1
Benzo(a)pyrene	70	J	ug/kg	140	42.	1
Benzo(b)fluoranthene	84	J	ug/kg	100	29.	1
Benzo(k)fluoranthene	28	J	ug/kg	100	27.	1
Chrysene	72	J	ug/kg	100	18.	1
Acenaphthylene	84	J	ug/kg	140	26.	1
Anthracene	52	J	ug/kg	100	33.	1
Benzo(ghi)perylene	65	J	ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	16.	1
Phenanthrene	130		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	50	J	ug/kg	140	24.	1
Pyrene	120		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	390	22.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	71.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	40	J	ug/kg	200	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
p-Chloro-m-cresol	ND		ug/kg	170	25.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	150	27.	1
2,4-Dimethylphenol	ND		ug/kg	170	56.	1
2-Nitrophenol	ND		ug/kg	370	64.	1
4-Nitrophenol	ND		ug/kg	240	70.	1
2,4-Dinitrophenol	ND		ug/kg	820	80.	1
4,6-Dinitro-o-cresol	ND		ug/kg	440	82.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	26.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	27.	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-19 Date Collected: 10/08/25 08:50

Client ID: GZ-08 (0-2') Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	550	170	1
Benzyl Alcohol	ND		ug/kg	170	52.	1
Carbazole	16	J	ug/kg	170	16.	1
1,4-Dioxane	ND		ug/kg	26	7.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**13**	Q	25-120
Phenol-d6	53		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	**7**	Q	10-136
4-Terphenyl-d14	73		18-120

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-19 RE
Client ID: GZ-08 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/08/25 08:50
Date Received: 10/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 10/14/25 04:21
Analyst: JG
Percent Solids: 97%

Extraction Method: EPA 3546
Extraction Date: 10/13/25 12:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	19.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	30.	1
1,3-Dichlorobenzene	ND		ug/kg	170	29.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	45.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	29.	1
Fluoranthene	170		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	29.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	490	150	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	150	22.	1
Naphthalene	39	J	ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	150	25.	1
NDPA/DPA	ND		ug/kg	140	19.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.	1
Bis(2-ethylhexyl)phthalate	180		ug/kg	170	59.	1
Butyl benzyl phthalate	90	J	ug/kg	170	43.	1
Di-n-butylphthalate	ND		ug/kg	170	32.	1
Di-n-octylphthalate	ND		ug/kg	170	58.	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-19 RE Date Collected: 10/08/25 08:50

Client ID: GZ-08 (0-2') Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	96	J	ug/kg	100	19.	1
Benzo(a)pyrene	94	J	ug/kg	140	41.	1
Benzo(b)fluoranthene	120		ug/kg	100	29.	1
Benzo(k)fluoranthene	42	J	ug/kg	100	27.	1
Chrysene	96	J	ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	26.	1
Anthracene	ND		ug/kg	100	33.	1
Benzo(ghi)perylene	70	J	ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	16.	1
Phenanthrene	110		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	66	J	ug/kg	140	24.	1
Pyrene	140		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	390	22.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	70.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	48	J	ug/kg	200	20.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
p-Chloro-m-cresol	ND		ug/kg	170	25.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	150	27.	1
2,4-Dimethylphenol	ND		ug/kg	170	56.	1
2-Nitrophenol	ND		ug/kg	370	64.	1
4-Nitrophenol	ND		ug/kg	240	69.	1
2,4-Dinitrophenol	ND		ug/kg	820	79.	1
4,6-Dinitro-o-cresol	ND		ug/kg	440	82.	1
Pentachlorophenol	ND		ug/kg	140	37.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	26.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	27.	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-19 RE Date Collected: 10/08/25 08:50

Client ID: GZ-08 (0-2') Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	32.	1
Benzoic Acid	ND		ug/kg	550	170	1
Benzyl Alcohol	ND		ug/kg	170	52.	1
Carbazole	ND		ug/kg	170	16.	1
1,4-Dioxane	ND		ug/kg	25	7.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**16**	Q	25-120
Phenol-d6	48		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	58		30-120
2,4,6-Tribromophenol	**9**	Q	10-136
4-Terphenyl-d14	49		18-120

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-20
Client ID: GZ-08 (2.5-4.5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Date Collected: 10/08/25 08:55
Date Received: 10/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 10/12/25 19:51
Analyst: IMK
Percent Solids: 94%
Extraction Method: EPA 3546
Extraction Date: 10/09/25 23:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	1500		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	35.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	14000	E	ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	17.	1
Hexachlorobutadiene	ND		ug/kg	170	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	1000		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-20 Date Collected: 10/08/25 08:55

Client ID: GZ-08 (2.5-4.5') Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	7800	E	ug/kg	100	20.	1
Benzo(a)pyrene	7000	E	ug/kg	140	42.	1
Benzo(b)fluoranthene	9500	E	ug/kg	100	29.	1
Benzo(k)fluoranthene	2000		ug/kg	100	28.	1
Chrysene	6500		ug/kg	100	18.	1
Acenaphthylene	640		ug/kg	140	27.	1
Anthracene	4100		ug/kg	100	34.	1
Benzo(ghi)perylene	4100		ug/kg	140	20.	1
Fluorene	2400		ug/kg	170	17.	1
Phenanthrene	14000	E	ug/kg	100	21.	1
Dibenzo(a,h)anthracene	1100		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	4600		ug/kg	140	24.	1
Pyrene	11000	E	ug/kg	100	17.	1
Biphenyl	250	J	ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	170	32.	1
2-Nitroaniline	ND		ug/kg	170	34.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	1000		ug/kg	170	16.	1
2-Methylnaphthalene	840		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	22	J	ug/kg	170	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	840	81.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	84.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	33	J	ug/kg	250	27.	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-20 Date Collected: 10/08/25 08:55

Client ID: GZ-08 (2.5-4.5') Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	180	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	780		ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	85		10-136
4-Terphenyl-d14	66		18-120

Project Name: OCEAN BAY REDEVELOPMENT
Lab Number: L2563358
Project Number: 41.0163476.00
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-20 D
Client ID: GZ-08 (2.5-4.5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/08/25 08:55
Date Received: 10/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 10/14/25 15:24
Analyst: IMK
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 10/09/25 23:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	22000		ug/kg	520	100	5
Benzo(a)anthracene	12000		ug/kg	520	98.	5
Benzo(a)pyrene	12000		ug/kg	700	210	5
Benzo(b)fluoranthene	15000		ug/kg	520	150	5
Phenanthrene	21000		ug/kg	520	100	5
Pyrene	17000		ug/kg	520	87.	5

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-21
Client ID: GZ-09 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/08/25 11:25
Date Received: 10/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 10/12/25 20:15
Analyst: IMK
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 10/10/25 00:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	240		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	1800		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	29.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	490	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	22.	1
Naphthalene	58	J	ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	43.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-21 Date Collected: 10/08/25 11:25

Client ID: GZ-09 (0-2') Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	980		ug/kg	100	19.	1
Benzo(a)pyrene	930		ug/kg	140	42.	1
Benzo(b)fluoranthene	1100		ug/kg	100	29.	1
Benzo(k)fluoranthene	400		ug/kg	100	28.	1
Chrysene	940		ug/kg	100	18.	1
Acenaphthylene	200		ug/kg	140	27.	1
Anthracene	320		ug/kg	100	34.	1
Benzo(ghi)perylene	510		ug/kg	140	20.	1
Fluorene	130	J	ug/kg	170	17.	1
Phenanthrene	1200		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	130		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	530		ug/kg	140	24.	1
Pyrene	1600		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	390	22.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	71.	1
Dibenzofuran	55	J	ug/kg	170	16.	1
2-Methylnaphthalene	41	J	ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	370	65.	1
4-Nitrophenol	ND		ug/kg	240	70.	1
2,4-Dinitrophenol	ND		ug/kg	830	80.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	83.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-21 Date Collected: 10/08/25 11:25

Client ID: GZ-09 (0-2') Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	170	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	120	J	ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	7.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		25-120
Phenol-d6	62		10-120
Nitrobenzene-d5	50		23-120
2-Fluorobiphenyl	54		30-120
2,4,6-Tribromophenol	67		10-136
4-Terphenyl-d14	58		18-120

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-22
Client ID: GZ-09 (2.5-4.5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/08/25 11:30
Date Received: 10/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 10/12/25 21:26
Analyst: IMK
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 10/10/25 00:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	17.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	120		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-22 Date Collected: 10/08/25 11:30

Client ID: GZ-09 (2.5-4.5') Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	97	J	ug/kg	100	20.	1
Benzo(a)pyrene	62	J	ug/kg	140	43.	1
Benzo(b)fluoranthene	140		ug/kg	100	30.	1
Benzo(k)fluoranthene	36	J	ug/kg	100	28.	1
Chrysene	120		ug/kg	100	18.	1
Acenaphthylene	78	J	ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	85	J	ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	33	J	ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	70	J	ug/kg	140	24.	1
Pyrene	190		ug/kg	100	18.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	28.	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-22 Date Collected: 10/08/25 11:30

Client ID: GZ-09 (2.5-4.5') Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		25-120
Phenol-d6	59		10-120
Nitrobenzene-d5	39		23-120
2-Fluorobiphenyl	50		30-120
2,4,6-Tribromophenol	65		10-136
4-Terphenyl-d14	62		18-120

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-23
Client ID: DUPLICATE-2028-10-08
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Date Collected: 10/08/25 00:00
Date Received: 10/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 10/12/25 21:50
Analyst: IMK
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 10/10/25 00:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	1000		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	19.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	30.	1
1,3-Dichlorobenzene	ND		ug/kg	170	29.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	45.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	29.	1
Fluoranthene	7300	E	ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	29.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	480	150	1
Hexachloroethane	ND		ug/kg	140	27.	1
Isophorone	ND		ug/kg	150	22.	1
Naphthalene	1700		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	150	25.	1
NDPA/DPA	ND		ug/kg	140	19.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.	1
Bis(2-ethylhexyl)phthalate	72	J	ug/kg	170	59.	1
Butyl benzyl phthalate	85	J	ug/kg	170	43.	1
Di-n-butylphthalate	ND		ug/kg	170	32.	1
Di-n-octylphthalate	ND		ug/kg	170	58.	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-23 Date Collected: 10/08/25 00:00

Client ID: DUPLICATE-2028-10-08 Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	4000		ug/kg	100	19.	1
Benzo(a)pyrene	3400		ug/kg	140	41.	1
Benzo(b)fluoranthene	4600		ug/kg	100	29.	1
Benzo(k)fluoranthene	1300		ug/kg	100	27.	1
Chrysene	4000		ug/kg	100	18.	1
Acenaphthylene	1600		ug/kg	140	26.	1
Anthracene	2000		ug/kg	100	33.	1
Benzo(ghi)perylene	2200		ug/kg	140	20.	1
Fluorene	950		ug/kg	170	16.	1
Phenanthrene	7400	E	ug/kg	100	21.	1
Dibenzo(a,h)anthracene	500		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	2000		ug/kg	140	24.	1
Pyrene	7000	E	ug/kg	100	17.	1
Biphenyl	190	J	ug/kg	390	22.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	70.	1
Dibenzofuran	500		ug/kg	170	16.	1
2-Methylnaphthalene	1100		ug/kg	200	20.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	170		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
p-Chloro-m-cresol	ND		ug/kg	170	25.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	150	27.	1
2,4-Dimethylphenol	ND		ug/kg	170	56.	1
2-Nitrophenol	ND		ug/kg	370	64.	1
4-Nitrophenol	ND		ug/kg	240	69.	1
2,4-Dinitrophenol	ND		ug/kg	820	79.	1
4,6-Dinitro-o-cresol	ND		ug/kg	440	82.	1
Pentachlorophenol	ND		ug/kg	140	37.	1
Phenol	26	J	ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	26.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	27.	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-23 Date Collected: 10/08/25 00:00

Client ID: DUPLICATE-2028-10-08 Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	32.	1
Benzoic Acid	ND		ug/kg	550	170	1
Benzyl Alcohol	ND		ug/kg	170	52.	1
Carbazole	690		ug/kg	170	16.	1
1,4-Dioxane	ND		ug/kg	25	7.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	62		25-120
Phenol-d6	64		10-120
Nitrobenzene-d5	56		23-120
2-Fluorobiphenyl	54		30-120
2,4,6-Tribromophenol	63		10-136
4-Terphenyl-d14	54		18-120

Project Name: OCEAN BAY REDEVELOPMENT
Lab Number: L2563358
Project Number: 41.0163476.00
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-23 D
Client ID: DUPLICATE-2028-10-08
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/08/25 00:00
Date Received: 10/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 10/14/25 15:45
Analyst: IMK
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 10/10/25 00:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	8800		ug/kg	510	98.	5
Phenanthrene	7900		ug/kg	510	100	5
Pyrene	8200		ug/kg	510	84.	5

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-24
Client ID: EB-PFAS_2025-10-8
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Date Collected: 10/08/25 12:10
Date Received: 10/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 168,1633A
Analytical Date: 10/16/25 11:12
Analyst: AC
Extraction Method: EPA 1633
Extraction Date: 10/10/25 15:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	5.40	2.01	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	2.70	0.500	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.35	0.432	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	5.40	1.26	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.35	0.324	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.35	0.311	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.35	0.419	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.35	0.230	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.35	0.338	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	5.40	2.74	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.35	0.419	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.35	0.203	1
Perfluorooctanesulfonic Acid (PFOS)	0.351	J	ng/l	1.35	0.230	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.35	0.351	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	5.40	2.58	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.35	0.203	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.35	0.973	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.35	0.324	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.35	0.230	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.35	0.270	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.35	0.621	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.35	0.378	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.35	0.230	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.35	0.162	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	5.40	0.797	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	5.40	1.05	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-24 Date Collected: 10/08/25 12:10

Client ID: EB-PFAS_2025-10-8 Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.35	0.284	1
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	5.40	0.594	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	5.40	0.405	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.35	0.527	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.35	0.392	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	13.5	1.43	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	13.5	1.19	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	2.70	0.122	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	2.70	0.702	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	2.70	0.338	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	2.70	0.797	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	6.75	1.74	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	33.8	9.70	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	33.8	10.2	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-24 Date Collected: 10/08/25 12:10

Client ID: EB-PFAS_2025-10-8 Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	103		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	86		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	78		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	76		40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	85		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	86		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	81		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	112		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	73		40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	115		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	88		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	94		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	69		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	65		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	76		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	99		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	61		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	87		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	72		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	94		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	91		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	93		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	91		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	93		10-130

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-26
Client ID: FIELD BLANK
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/08/25 12:15
Date Received: 10/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 10/13/25 03:13
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 10/12/25 01:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/l	2.0	0.40	1
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Hexachlorobenzene	ND		ug/l	2.0	0.45	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
2-Chloronaphthalene	ND		ug/l	2.0	0.35	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
Fluoranthene	ND		ug/l	2.0	0.41	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
Hexachlorobutadiene	ND		ug/l	2.0	0.36	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Hexachloroethane	ND		ug/l	2.0	0.20	1
Isophorone	ND		ug/l	5.0	0.86	1
Naphthalene	ND		ug/l	2.0	0.54	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	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-26 Date Collected: 10/08/25 12:15

Client ID: FIELD BLANK Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Benzo(a)anthracene	ND		ug/l	2.0	0.32	1
Benzo(a)pyrene	ND		ug/l	2.0	0.37	1
Benzo(b)fluoranthene	ND		ug/l	2.0	0.53	1
Benzo(k)fluoranthene	ND		ug/l	2.0	0.62	1
Chrysene	ND		ug/l	2.0	0.22	1
Acenaphthylene	ND		ug/l	2.0	0.32	1
Anthracene	ND		ug/l	2.0	0.47	1
Benzo(ghi)perylene	ND		ug/l	2.0	0.37	1
Fluorene	ND		ug/l	2.0	0.44	1
Phenanthrene	ND		ug/l	2.0	0.42	1
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.29	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.48	1
Pyrene	ND		ug/l	2.0	0.41	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
Dibenzofuran	ND		ug/l	2.0	0.40	1
2-Methylnaphthalene	ND		ug/l	2.0	0.37	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
Pentachlorophenol	ND		ug/l	10	2.5	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

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-26 Date Collected: 10/08/25 12:15

Client ID: FIELD BLANK Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/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	38		21-120
Phenol-d6	28		10-120
Nitrobenzene-d5	55		23-120
2-Fluorobiphenyl	54		15-120
2,4,6-Tribromophenol	60		10-120
4-Terphenyl-d14	69		41-149

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/09/25 00:01
Analyst: LJG

Extraction Method: EPA 3546
Extraction Date: 10/08/25 15:02

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG2125269-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	170	19.
Hexachlorobenzene	ND		ug/kg	100	19.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	170	16.
1,2-Dichlorobenzene	ND		ug/kg	170	30.
1,3-Dichlorobenzene	ND		ug/kg	170	29.
1,4-Dichlorobenzene	ND		ug/kg	170	29.
3,3'-Dichlorobenzidine	ND		ug/kg	170	44.
2,4-Dinitrotoluene	ND		ug/kg	170	33.
2,6-Dinitrotoluene	ND		ug/kg	170	28.
Fluoranthene	ND		ug/kg	100	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.
4-Bromophenyl phenyl ether	ND		ug/kg	170	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.
Hexachlorobutadiene	ND		ug/kg	170	24.
Hexachlorocyclopentadiene	ND		ug/kg	480	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	22.
Naphthalene	ND		ug/kg	170	20.
Nitrobenzene	ND		ug/kg	150	25.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/09/25 00:01
Analyst: LJG

Extraction Method: EPA 3546
Extraction Date: 10/08/25 15:02

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG2125269-1					
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	58.
Butyl benzyl phthalate	ND		ug/kg	170	42.
Di-n-butylphthalate	ND		ug/kg	170	32.
Di-n-octylphthalate	ND		ug/kg	170	57.
Diethyl phthalate	ND		ug/kg	170	15.
Dimethyl phthalate	ND		ug/kg	170	35.
Benzo(a)anthracene	ND		ug/kg	100	19.
Benzo(a)pyrene	ND		ug/kg	130	41.
Benzo(b)fluoranthene	ND		ug/kg	100	28.
Benzo(k)fluoranthene	ND		ug/kg	100	27.
Chrysene	ND		ug/kg	100	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	100	32.
Benzo(ghi)perylene	ND		ug/kg	130	20.
Fluorene	ND		ug/kg	170	16.
Phenanthrene	ND		ug/kg	100	20.
Dibenzo(a,h)anthracene	ND		ug/kg	100	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	100	16.
Biphenyl	ND		ug/kg	380	22.
4-Chloroaniline	ND		ug/kg	170	30.
2-Nitroaniline	ND		ug/kg	170	32.
3-Nitroaniline	ND		ug/kg	170	31.
4-Nitroaniline	ND		ug/kg	170	69.

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/09/25 00:01
Analyst: LJG

Extraction Method: EPA 3546
Extraction Date: 10/08/25 15:02

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG2125269-1					
Dibenzofuran	ND		ug/kg	170	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	17.
Acetophenone	ND		ug/kg	170	21.
2,4,6-Trichlorophenol	ND		ug/kg	100	32.
p-Chloro-m-cresol	ND		ug/kg	170	25.
2-Chlorophenol	ND		ug/kg	170	20.
2,4-Dichlorophenol	ND		ug/kg	150	27.
2,4-Dimethylphenol	ND		ug/kg	170	55.
2-Nitrophenol	ND		ug/kg	360	63.
4-Nitrophenol	ND		ug/kg	230	68.
2,4-Dinitrophenol	ND		ug/kg	800	78.
4,6-Dinitro-o-cresol	ND		ug/kg	430	80.
Pentachlorophenol	ND		ug/kg	130	37.
Phenol	ND		ug/kg	170	25.
2-Methylphenol	ND		ug/kg	170	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	170	32.
Benzoic Acid	ND		ug/kg	540	170
Benzyl Alcohol	ND		ug/kg	170	51.
Carbazole	ND		ug/kg	170	16.
1,4-Dioxane	ND		ug/kg	25	7.7

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/09/25 00:01
Analyst: LJG

Extraction Method: EPA 3546
Extraction Date: 10/08/25 15:02

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG2125269-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	64		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	63		30-120
2,4,6-Tribromophenol	75		10-136
4-Terphenyl-d14	64		18-120

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/09/25 08:55
Analyst: LJG

Extraction Method: EPA 3546
Extraction Date: 10/08/25 18:14

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 10 Batch: WG2125383-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/09/25 08:55
Analyst: LJG

Extraction Method: EPA 3546
Extraction Date: 10/08/25 18:14

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 10 Batch: WG2125383-1					
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/09/25 08:55
Analyst: LJG

Extraction Method: EPA 3546
Extraction Date: 10/08/25 18:14

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 10 Batch: WG2125383-1					
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	76.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/09/25 08:55
Analyst: LJG

Extraction Method: EPA 3546
Extraction Date: 10/08/25 18:14

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 10 Batch: WG2125383-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	101		10-136
4-Terphenyl-d14	89		18-120

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 168,1633A
Analytical Date: 10/13/25 10:27
Analyst: CAB

Extraction Method: EPA 1633
Extraction Date: 10/09/25 17:54
Cleanup Method: EPA 1633
Cleanup Date: 10/09/25

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 02,06,10 Batch: WG2125844-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.800	0.104
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.040
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.036
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.154
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.034
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.028
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.072
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.034
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.044
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.114
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.034
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.024
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.046
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.032
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.236
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.094
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.096
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.056
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.056
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.038
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.078
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.036
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.032

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 168,1633A
Analytical Date: 10/13/25 10:27
Analyst: CAB

Extraction Method: EPA 1633
Extraction Date: 10/09/25 17:54
Cleanup Method: EPA 1633
Cleanup Date: 10/09/25

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 02,06,10 Batch: WG2125844-1					
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.042
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.160
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.284
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.058
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.152
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.242
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.060
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.066
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.250
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.242
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.036
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.052
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.048
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.120
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.346
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	0.928
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	1.64

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 168,1633A
Analytical Date: 10/13/25 10:27
Analyst: CAB

Extraction Method: EPA 1633
Extraction Date: 10/09/25 17:54
Cleanup Method: EPA 1633
Cleanup Date: 10/09/25

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 02,06,10 Batch: WG2125844-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	93		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	81		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	81		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	91		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	83		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	81		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	80		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	87		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	88		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	78		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	74		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	84		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	83		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	61		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	80		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	69		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	63		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	69		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	52		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	83		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	57		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	49		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	70		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	71		15-130

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/12/25 15:54
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 10/09/25 23:37

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 13-23 Batch: WG2125998-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	26.

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/12/25 15:54
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 10/09/25 23:37

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 13-23 Batch: WG2125998-1					
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	22.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/12/25 15:54
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 10/09/25 23:37

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 13-23 Batch: WG2125998-1					
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	25.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	27.
2,4-Dimethylphenol	ND		ug/kg	160	55.
2-Nitrophenol	ND		ug/kg	360	62.
4-Nitrophenol	ND		ug/kg	230	68.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	540	170
Benzyl Alcohol	ND		ug/kg	160	51.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/12/25 15:54
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 10/09/25 23:37

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 13-23 Batch: WG2125998-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		25-120
Phenol-d6	49		10-120
Nitrobenzene-d5	45		23-120
2-Fluorobiphenyl	43		30-120
2,4,6-Tribromophenol	71		10-136
4-Terphenyl-d14	76		18-120

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 168,1633A
Analytical Date: 10/16/25 07:31
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 10/10/25 15:14

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 12,24 Batch: WG2126047-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	6.40	2.38
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	3.20	0.592
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.60	0.512
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.40	1.49
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.60	0.384
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.60	0.368
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.60	0.496
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.60	0.272
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.60	0.400
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.40	3.25
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.60	0.496
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.60	0.240
Perfluorooctanesulfonic Acid (PFOS)	0.448	J	ng/l	1.60	0.272
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.60	0.416
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.40	3.06
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.60	0.240
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.60	1.15
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.60	0.384
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.60	0.272
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.60	0.320
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.60	0.736
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.60	0.448
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.60	0.272

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 168,1633A
Analytical Date: 10/16/25 07:31
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 10/10/25 15:14

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 12,24 Batch: WG2126047-1					
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.60	0.192
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.40	0.944
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.40	1.25
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.60	0.336
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.40	0.704
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.40	0.480
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.60	0.624
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.60	0.464
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	16.0	1.70
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	16.0	1.41
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.20	0.144
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.20	0.832
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.20	0.400
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.20	0.944
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	8.00	2.06
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	40.0	11.5
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	40.0	12.1

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 168,1633A
Analytical Date: 10/16/25 07:31
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 10/10/25 15:14

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 12,24 Batch: WG2126047-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	84		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	69		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	74		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	58		40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	73		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	69		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	71		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	81		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	64		40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	77		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	77		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	72		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	65		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	51		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	67		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	88		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	48		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	81		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	79		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	71		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	86		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	89		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	91		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	92		10-130

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/11/25 09:06
Analyst: SMZ

Extraction Method: EPA 3546
Extraction Date: 10/10/25 22:40

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG2126470-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/11/25 09:06
Analyst: SMZ

Extraction Method: EPA 3546
Extraction Date: 10/10/25 22:40

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG2126470-1					
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/11/25 09:06
Analyst: SMZ

Extraction Method: EPA 3546
Extraction Date: 10/10/25 22:40

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG2126470-1					
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	76.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/11/25 09:06
Analyst: SMZ

Extraction Method: EPA 3546
Extraction Date: 10/10/25 22:40

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG2126470-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		25-120
Phenol-d6	62		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	54		30-120
2,4,6-Tribromophenol	70		10-136
4-Terphenyl-d14	59		18-120

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/12/25 16:58
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 10/12/25 01:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 26 Batch: WG2126691-1					
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: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/12/25 16:58
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 10/12/25 01:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 26 Batch: WG2126691-1					
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: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/12/25 16:58
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 10/12/25 01:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 26 Batch: WG2126691-1					
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: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/12/25 16:58
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 10/12/25 01:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 26 Batch: WG2126691-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	48		21-120
Phenol-d6	32		10-120
Nitrobenzene-d5	56		23-120
2-Fluorobiphenyl	59		15-120
2,4,6-Tribromophenol	61		10-120
4-Terphenyl-d14	63		41-149

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/13/25 21:23
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 10/13/25 06:54

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 19 Batch: WG2126958-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/13/25 21:23
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 10/13/25 06:54

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 19 Batch: WG2126958-1					
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/13/25 21:23
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 10/13/25 06:54

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 19 Batch: WG2126958-1					
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	24	7.5

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/13/25 21:23
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 10/13/25 06:54

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 19 Batch: WG2126958-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	88		10-136
4-Terphenyl-d14	76		18-120

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 168,1633A
Analytical Date: 10/16/25 10:23
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 10/15/25 18:11
Cleanup Method: EPA 1633
Cleanup Date: 10/15/25

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 18 Batch: WG2128258-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.800	0.104
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.040
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.036
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.154
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.034
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.028
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.072
Perfluorohexanesulfonic Acid (PFHxS)	0.042	J	ng/g	0.200	0.034
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.044
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.114
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.034
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.024
Perfluorooctanesulfonic Acid (PFOS)	0.046	J	ng/g	0.200	0.046
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.032
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.236
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.094
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.096
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.056
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.056
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.038
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.078
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.036
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.032

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 168,1633A
Analytical Date: 10/16/25 10:23
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 10/15/25 18:11
Cleanup Method: EPA 1633
Cleanup Date: 10/15/25

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 18 Batch: WG2128258-1					
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.042
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.160
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.284
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.058
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.152
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.242
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.060
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.066
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.250
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.242
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.036
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.052
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.048
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.120
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.346
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	0.928
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	1.64

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 168,1633A
Analytical Date: 10/16/25 10:23
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 10/15/25 18:11
Cleanup Method: EPA 1633
Cleanup Date: 10/15/25

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 18 Batch: WG2128258-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	98		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	85		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	92		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	98		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	86		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	86		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	90		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	94		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	97		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	96		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	90		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	91		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	99		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	85		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	87		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	81		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	87		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	81		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	65		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	88		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	58		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	50		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	70		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	72		15-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG2125269-2 WG2125269-3								
Acenaphthene	56		52		31-137	7		50
1,2,4-Trichlorobenzene	53		53		38-107	0		50
Hexachlorobenzene	58		56		40-140	4		50
Bis(2-chloroethyl)ether	52		51		40-140	2		50
2-Chloronaphthalene	56		55		40-140	2		50
1,2-Dichlorobenzene	52		51		40-140	2		50
1,3-Dichlorobenzene	52		52		40-140	0		50
1,4-Dichlorobenzene	52		51		28-104	2		50
3,3'-Dichlorobenzidine	50		51		40-140	2		50
2,4-Dinitrotoluene	49		48		40-132	2		50
2,6-Dinitrotoluene	62		61		40-140	2		50
Fluoranthene	55		53		40-140	4		50
4-Chlorophenyl phenyl ether	54		52		40-140	4		50
4-Bromophenyl phenyl ether	57		54		40-140	5		50
Bis(2-chloroisopropyl)ether	66		67		40-140	2		50
Bis(2-chloroethoxy)methane	53		53		40-117	0		50
Hexachlorobutadiene	58		55		40-140	5		50
Hexachlorocyclopentadiene	**34**	Q	**33**	Q	40-140	3		50
Hexachloroethane	56		55		40-140	2		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG2125269-2 WG2125269-3								
Isophorone	54		54		40-140	0		50
Naphthalene	55		54		40-140	2		50
Nitrobenzene	55		54		40-140	2		50
NDPA/DPA	56		54		36-157	4		50
n-Nitrosodi-n-propylamine	55		55		32-121	0		50
Bis(2-ethylhexyl)phthalate	67		63		40-140	6		50
Butyl benzyl phthalate	55		55		40-140	0		50
Di-n-butylphthalate	60		57		40-140	5		50
Di-n-octylphthalate	70		67		40-140	4		50
Diethyl phthalate	59		57		40-140	3		50
Dimethyl phthalate	55		55		40-140	0		50
Benzo(a)anthracene	55		53		40-140	4		50
Benzo(a)pyrene	56		55		40-140	2		50
Benzo(b)fluoranthene	58		56		40-140	4		50
Benzo(k)fluoranthene	54		51		40-140	6		50
Chrysene	56		53		40-140	6		50
Acenaphthylene	56		56		40-140	0		50
Anthracene	54		52		40-140	4		50
Benzo(ghi)perylene	54		52		40-140	4		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG2125269-2 WG2125269-3								
Fluorene	55		53		40-140	4		50
Phenanthrene	52		50		40-140	4		50
Dibenzo(a,h)anthracene	53		50		40-140	6		50
Indeno(1,2,3-cd)pyrene	57		56		40-140	2		50
Pyrene	53		52		35-142	2		50
Biphenyl	60		58		37-127	3		50
4-Chloroaniline	54		50		40-140	8		50
2-Nitroaniline	65		64		47-134	2		50
3-Nitroaniline	46		48		26-129	4		50
4-Nitroaniline	54		54		41-125	0		50
Dibenzofuran	55		53		40-140	4		50
2-Methylnaphthalene	57		56		40-140	2		50
1,2,4,5-Tetrachlorobenzene	63		62		40-117	2		50
Acetophenone	61		60		14-144	2		50
2,4,6-Trichlorophenol	61		59		30-130	3		50
p-Chloro-m-cresol	62		60		26-103	3		50
2-Chlorophenol	58		58		25-102	0		50
2,4-Dichlorophenol	61		60		30-130	2		50
2,4-Dimethylphenol	59		58		30-130	2		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG2125269-2 WG2125269-3								
2-Nitrophenol	64		63		30-130	2		50
4-Nitrophenol	54		53		11-114	2		50
2,4-Dinitrophenol	54		52		4-130	4		50
4,6-Dinitro-o-cresol	58		56		10-130	4		50
Pentachlorophenol	42		40		17-109	5		50
Phenol	58		58		26-90	0		50
2-Methylphenol	57		57		30-130	0		50
3-Methylphenol/4-Methylphenol	61		61		30-130	0		50
2,4,5-Trichlorophenol	61		60		30-130	2		50
Benzoic Acid	63		61		10-110	3		50
Benzyl Alcohol	56		57		40-140	2		50
Carbazole	**53**	Q	**51**	Q	54-128	4		50
1,4-Dioxane	43		45		40-140	5		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG2125269-2 WG2125269-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	58		59		25-120
Phenol-d6	57		58		10-120
Nitrobenzene-d5	56		57		23-120
2-Fluorobiphenyl	54		54		30-120
2,4,6-Tribromophenol	59		57		10-136
4-Terphenyl-d14	51		51		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 10 Batch: WG2125383-2 WG2125383-3								
Acenaphthene	82		82		31-137	0		50
1,2,4-Trichlorobenzene	79		81		38-107	3		50
Hexachlorobenzene	88		89		40-140	1		50
Bis(2-chloroethyl)ether	81		81		40-140	0		50
2-Chloronaphthalene	84		78		40-140	7		50
1,2-Dichlorobenzene	86		85		40-140	1		50
1,3-Dichlorobenzene	83		84		40-140	1		50
1,4-Dichlorobenzene	84		86		28-104	2		50
3,3'-Dichlorobenzidine	52		58		40-140	11		50
2,4-Dinitrotoluene	100		108		40-132	8		50
2,6-Dinitrotoluene	100		93		40-140	7		50
Fluoranthene	80		80		40-140	0		50
4-Chlorophenyl phenyl ether	78		79		40-140	1		50
4-Bromophenyl phenyl ether	83		83		40-140	0		50
Bis(2-chloroisopropyl)ether	76		76		40-140	0		50
Bis(2-chloroethoxy)methane	85		85		40-117	0		50
Hexachlorobutadiene	76		74		40-140	3		50
Hexachlorocyclopentadiene	70		67		40-140	4		50
Hexachloroethane	90		88		40-140	2		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 10 Batch: WG2125383-2 WG2125383-3								
Isophorone	86		85		40-140	1		50
Naphthalene	84		81		40-140	4		50
Nitrobenzene	90		89		40-140	1		50
NDPA/DPA	83		85		36-157	2		50
n-Nitrosodi-n-propylamine	83		80		32-121	4		50
Bis(2-ethylhexyl)phthalate	104		107		40-140	3		50
Butyl benzyl phthalate	104		103		40-140	1		50
Di-n-butylphthalate	92		95		40-140	3		50
Di-n-octylphthalate	105		110		40-140	5		50
Diethyl phthalate	92		90		40-140	2		50
Dimethyl phthalate	85		81		40-140	5		50
Benzo(a)anthracene	76		78		40-140	3		50
Benzo(a)pyrene	86		89		40-140	3		50
Benzo(b)fluoranthene	86		88		40-140	2		50
Benzo(k)fluoranthene	83		86		40-140	4		50
Chrysene	82		84		40-140	2		50
Acenaphthylene	84		80		40-140	5		50
Anthracene	83		85		40-140	2		50
Benzo(ghi)perylene	82		85		40-140	4		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 10 Batch: WG2125383-2 WG2125383-3								
Fluorene	85		85		40-140	0		50
Phenanthrene	81		84		40-140	4		50
Dibenzo(a,h)anthracene	85		87		40-140	2		50
Indeno(1,2,3-cd)pyrene	83		86		40-140	4		50
Pyrene	80		82		35-142	2		50
Biphenyl	86		82		37-127	5		50
4-Chloroaniline	48		48		40-140	0		50
2-Nitroaniline	110		103		47-134	7		50
3-Nitroaniline	80		82		26-129	2		50
4-Nitroaniline	101		104		41-125	3		50
Dibenzofuran	80		81		40-140	1		50
2-Methylnaphthalene	85		82		40-140	4		50
1,2,4,5-Tetrachlorobenzene	74		70		40-117	6		50
Acetophenone	97		95		14-144	2		50
2,4,6-Trichlorophenol	81		78		30-130	4		50
p-Chloro-m-cresol	90		88		26-103	2		50
2-Chlorophenol	94		94		25-102	0		50
2,4-Dichlorophenol	91		90		30-130	1		50
2,4-Dimethylphenol	91		90		30-130	1		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 10 Batch: WG2125383-2 WG2125383-3								
2-Nitrophenol	109		111		30-130	2		50
4-Nitrophenol	**120**	Q	**119**	Q	11-114	1		50
2,4-Dinitrophenol	**131**	Q	**134**	Q	4-130	2		50
4,6-Dinitro-o-cresol	123		128		10-130	4		50
Pentachlorophenol	94		100		17-109	6		50
Phenol	**92**	Q	**92**	Q	26-90	0		50
2-Methylphenol	94		94		30-130	0		50
3-Methylphenol/4-Methylphenol	92		91		30-130	1		50
2,4,5-Trichlorophenol	84		82		30-130	2		50
Benzoic Acid	108		108		10-110	0		50
Benzyl Alcohol	94		91		40-140	3		50
Carbazole	82		82		54-128	0		50
1,4-Dioxane	72		71		40-140	1		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 10 Batch: WG2125383-2 WG2125383-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	96		99		25-120
Phenol-d6	93		93		10-120
Nitrobenzene-d5	93		89		23-120
2-Fluorobiphenyl	77		73		30-120
2,4,6-Tribromophenol	99		100		10-136
4-Terphenyl-d14	83		81		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 02,06,10 Batch: WG2125844-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	91		-		70-140	-		
Perfluoropentanoic Acid (PFPeA)	86		-		60-150	-		
Perfluorobutanesulfonic Acid (PFBS)	103		-		65-145	-		
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	90		-		60-150	-		
Perfluorohexanoic Acid (PFHxA)	102		-		65-140	-		
Perfluoropentanesulfonic Acid (PFPeS)	85		-		55-160	-		
Perfluoroheptanoic Acid (PFHpA)	77		-		65-145	-		
Perfluorohexanesulfonic Acid (PFHxS)	96		-		60-150	-		
Perfluorooctanoic Acid (PFOA)	86		-		70-150	-		
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	90		-		55-200	-		
Perfluoroheptanesulfonic Acid (PFHpS)	80		-		65-155	-		
Perfluorononanoic Acid (PFNA)	106		-		70-155	-		
Perfluorooctanesulfonic Acid (PFOS)	87		-		65-160	-		
Perfluorodecanoic Acid (PFDA)	88		-		70-155	-		
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	98		-		70-150	-		
Perfluorononanesulfonic Acid (PFNS)	70		-		55-140	-		
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	108		-		65-155	-		
Perfluoroundecanoic Acid (PFUnA)	79		-		70-155	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 02,06,10 Batch: WG2125844-2 LOW LEVEL								
Perfluorodecanesulfonic Acid (PFDS)	68		-		40-155	-		
Perfluorooctanesulfonamide (PFOSA)	90		-		70-140	-		
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	78		-		65-165	-		
Perfluorododecanoic Acid (PFDoA)	88		-		70-150	-		
Perfluorotridecanoic Acid (PFTrDA)	80		-		65-150	-		
Perfluorotetradecanoic Acid (PFTeDA)	82		-		65-150	-		
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	89		-		70-145	-		
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	81		-		70-160	-		
Perfluorododecanesulfonic Acid (PFDoS)	50		-		25-160	-		
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	88		-		70-150	-		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	77		-		45-160	-		
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	83		-		70-155	-		
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	78		-		70-140	-		
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	102		-		70-140	-		
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	96		-		70-135	-		
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	86		-		30-140	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 02,06,10 Batch: WG2125844-2 LOW LEVEL								
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	90		-		60-150	-		
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	91		-		70-140	-		
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	92		-		60-155	-		
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	82		-		45-130	-		
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	99		-		60-130	-		
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	82		-		60-150	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 02,06,10 Batch: WG2125844-2 LOW LEVEL

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	99				8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	91				35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	85				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	91				40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	81				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	112				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	84				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	96				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	91				40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	88				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	94				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	99				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	88				40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	69				40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	93				40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	73				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	75				40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	79				40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	62				20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	91				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	68				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	60				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	78				20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	81				15-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 02,06,10 Batch: WG2125844-3								
Perfluorobutanoic Acid (PFBA)	95		-		70-140	-		
Perfluoropentanoic Acid (PFPeA)	94		-		60-150	-		
Perfluorobutanesulfonic Acid (PFBS)	95		-		65-145	-		
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	87		-		60-150	-		
Perfluorohexanoic Acid (PFHxA)	121		-		65-140	-		
Perfluoropentanesulfonic Acid (PFPeS)	98		-		55-160	-		
Perfluoroheptanoic Acid (PFHpA)	99		-		65-145	-		
Perfluorohexanesulfonic Acid (PFHxS)	72		-		60-150	-		
Perfluorooctanoic Acid (PFOA)	75		-		70-150	-		
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	97		-		55-200	-		
Perfluoroheptanesulfonic Acid (PFHpS)	92		-		65-155	-		
Perfluorononanoic Acid (PFNA)	106		-		70-155	-		
Perfluorooctanesulfonic Acid (PFOS)	87		-		65-160	-		
Perfluorodecanoic Acid (PFDA)	91		-		70-155	-		
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	93		-		70-150	-		
Perfluorononanesulfonic Acid (PFNS)	81		-		55-140	-		
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	93		-		65-155	-		
Perfluoroundecanoic Acid (PFUnA)	89		-		70-155	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 02,06,10 Batch: WG2125844-3								
Perfluorodecanesulfonic Acid (PFDS)	80		-		40-155	-		
Perfluorooctanesulfonamide (PFOSA)	89		-		70-140	-		
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	97		-		65-165	-		
Perfluorododecanoic Acid (PFDoA)	95		-		70-150	-		
Perfluorotridecanoic Acid (PFTrDA)	84		-		65-150	-		
Perfluorotetradecanoic Acid (PFTeDA)	93		-		65-150	-		
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	94		-		70-145	-		
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	111		-		70-160	-		
Perfluorododecanesulfonic Acid (PFDoS)	70		-		25-160	-		
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	100		-		70-150	-		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	96		-		45-160	-		
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	96		-		70-155	-		
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	94		-		70-140	-		
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	105		-		70-140	-		
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	102		-		70-135	-		
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	92		-		30-140	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 02,06,10 Batch: WG2125844-3								
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	95		-		60-150	-		
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	102		-		70-140	-		
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	103		-		60-155	-		
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	102		-		45-130	-		
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	104		-		60-130	-		
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	86		-		60-150	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 02,06,10 Batch: WG2125844-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	99				8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	88				35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	81				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	90				40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	82				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	86				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	80				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	91				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	84				40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	87				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	80				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	96				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	82				40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	71				40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	89				40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	70				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	69				40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	76				40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	61				20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	95				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	60				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	54				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	77				20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	78				15-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 13-23 Batch: WG2125998-2 WG2125998-3								
Acenaphthene	71		77		31-137	8		50
1,2,4-Trichlorobenzene	63		63		38-107	0		50
Hexachlorobenzene	79		86		40-140	8		50
Bis(2-chloroethyl)ether	68		71		40-140	4		50
2-Chloronaphthalene	68		70		40-140	3		50
1,2-Dichlorobenzene	66		68		40-140	3		50
1,3-Dichlorobenzene	66		67		40-140	2		50
1,4-Dichlorobenzene	66		67		28-104	2		50
3,3'-Dichlorobenzidine	52		65		40-140	22		50
2,4-Dinitrotoluene	91		99		40-132	8		50
2,6-Dinitrotoluene	80		83		40-140	4		50
Fluoranthene	71		74		40-140	4		50
4-Chlorophenyl phenyl ether	68		75		40-140	10		50
4-Bromophenyl phenyl ether	76		79		40-140	4		50
Bis(2-chloroisopropyl)ether	61		63		40-140	3		50
Bis(2-chloroethoxy)methane	71		72		40-117	1		50
Hexachlorobutadiene	60		61		40-140	2		50
Hexachlorocyclopentadiene	54		57		40-140	5		50
Hexachloroethane	71		72		40-140	1		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 13-23 Batch: WG2125998-2 WG2125998-3								
Isophorone	70		69		40-140	1		50
Naphthalene	69		71		40-140	3		50
Nitrobenzene	74		74		40-140	0		50
NDPA/DPA	73		83		36-157	13		50
n-Nitrosodi-n-propylamine	67		70		32-121	4		50
Bis(2-ethylhexyl)phthalate	95		100		40-140	5		50
Butyl benzyl phthalate	90		92		40-140	2		50
Di-n-butylphthalate	85		90		40-140	6		50
Di-n-octylphthalate	99		105		40-140	6		50
Diethyl phthalate	81		88		40-140	8		50
Dimethyl phthalate	70		73		40-140	4		50
Benzo(a)anthracene	70		73		40-140	4		50
Benzo(a)pyrene	79		84		40-140	6		50
Benzo(b)fluoranthene	75		80		40-140	6		50
Benzo(k)fluoranthene	79		82		40-140	4		50
Chrysene	74		79		40-140	7		50
Acenaphthylene	70		71		40-140	1		50
Anthracene	74		78		40-140	5		50
Benzo(ghi)perylene	74		80		40-140	8		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 13-23 Batch: WG2125998-2 WG2125998-3								
Fluorene	75		80		40-140	6		50
Phenanthrene	73		77		40-140	5		50
Dibenzo(a,h)anthracene	76		82		40-140	8		50
Indeno(1,2,3-cd)pyrene	74		82		40-140	10		50
Pyrene	69		75		35-142	8		50
Biphenyl	69		72		37-127	4		50
4-Chloroaniline	67		72		40-140	7		50
2-Nitroaniline	88		93		47-134	6		50
3-Nitroaniline	74		76		26-129	3		50
4-Nitroaniline	84		90		41-125	7		50
Dibenzofuran	71		77		40-140	8		50
2-Methylnaphthalene	70		73		40-140	4		50
1,2,4,5-Tetrachlorobenzene	61		64		40-117	5		50
Acetophenone	74		78		14-144	5		50
2,4,6-Trichlorophenol	69		71		30-130	3		50
p-Chloro-m-cresol	77		80		26-103	4		50
2-Chlorophenol	73		75		25-102	3		50
2,4-Dichlorophenol	73		76		30-130	4		50
2,4-Dimethylphenol	78		77		30-130	1		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
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Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 13-23 Batch: WG2125998-2 WG2125998-3

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
2-Nitrophenol	86		90		30-130	5		50
4-Nitrophenol	103		109		11-114	6		50
2,4-Dinitrophenol	112		127		4-130	13		50
4,6-Dinitro-o-cresol	112		118		10-130	5		50
Pentachlorophenol	87		93		17-109	7		50
Phenol	75		75		26-90	0		50
2-Methylphenol	76		76		30-130	0		50
3-Methylphenol/4-Methylphenol	75		78		30-130	4		50
2,4,5-Trichlorophenol	71		75		30-130	5		50
Benzoic Acid	94		99		10-110	5		50
Benzyl Alcohol	76		77		40-140	1		50
Carbazole	75		79		54-128	5		50
1,4-Dioxane	62		69		40-140	11		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

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Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 13-23 Batch: WG2125998-2 WG2125998-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	75		77		25-120
Phenol-d6	74		75		10-120
Nitrobenzene-d5	73		72		23-120
2-Fluorobiphenyl	63		65		30-120
2,4,6-Tribromophenol	84		91		10-136
4-Terphenyl-d14	70		73		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
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Report Date: 10/21/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 12,24 Batch: WG2126047-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	95		-		70-140	-		
Perfluoropentanoic Acid (PFPeA)	96		-		65-135	-		
Perfluorobutanesulfonic Acid (PFBS)	105		-		60-145	-		
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	96		-		70-145	-		
Perfluorohexanoic Acid (PFHxA)	102		-		70-145	-		
Perfluoropentanesulfonic Acid (PFPeS)	99		-		65-140	-		
Perfluoroheptanoic Acid (PFHpA)	113		-		70-150	-		
Perfluorohexanesulfonic Acid (PFHxS)	105		-		65-145	-		
Perfluorooctanoic Acid (PFOA)	82		-		70-150	-		
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	127		-		65-155	-		
Perfluoroheptanesulfonic Acid (PFHpS)	99		-		70-150	-		
Perfluorononanoic Acid (PFNA)	113		-		70-150	-		
Perfluorooctanesulfonic Acid (PFOS)	125		-		55-150	-		
Perfluorodecanoic Acid (PFDA)	96		-		70-140	-		
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	107		-		60-150	-		
Perfluorononanesulfonic Acid (PFNS)	96		-		65-145	-		
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	80		-		50-140	-		
Perfluoroundecanoic Acid (PFUnA)	102		-		70-145	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 12,24 Batch: WG2126047-2 LOW LEVEL								
Perfluorodecanesulfonic Acid (PFDS)	83		-		60-145	-		
Perfluorooctanesulfonamide (PFOSA)	98		-		70-145	-		
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	79		-		70-145	-		
Perfluorododecanoic Acid (PFDoA)	98		-		70-140	-		
Perfluorotridecanoic Acid (PFTrDA)	100		-		65-140	-		
Perfluorotetradecanoic Acid (PFTeDA)	100		-		60-140	-		
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	99		-		70-140	-		
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	111		-		65-145	-		
Perfluorododecanesulfonic Acid (PFDoS)	79		-		50-145	-		
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	122		-		70-155	-		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	108		-		55-160	-		
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	94		-		60-150	-		
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	92		-		65-145	-		
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	107		-		70-145	-		
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	114		-		70-135	-		
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	90		-		55-140	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
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Lab Number: L2563358
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Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 12,24 Batch: WG2126047-2 LOW LEVEL								
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	94		-		60-150	-		
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	90		-		70-140	-		
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	96		-		50-150	-		
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	86		-		65-130	-		
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	92		-		70-135	-		
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	79		-		50-145	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

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Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 12,24 Batch: WG2126047-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	75				5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	60				40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	67				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	57				40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	70				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	60				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	67				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	65				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	55				40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	65				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	66				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	63				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	54				40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	46				40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	52				30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	78				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	41				25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	68				10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	65				10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	66				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	69				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	71				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	76				10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	81				10-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 12,24 Batch: WG2126047-3								
Perfluorobutanoic Acid (PFBA)	99		-		70-140	-		
Perfluoropentanoic Acid (PFPeA)	104		-		65-135	-		
Perfluorobutanesulfonic Acid (PFBS)	116		-		60-145	-		
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	115		-		70-145	-		
Perfluorohexanoic Acid (PFHxA)	109		-		70-145	-		
Perfluoropentanesulfonic Acid (PFPeS)	111		-		65-140	-		
Perfluoroheptanoic Acid (PFHpA)	109		-		70-150	-		
Perfluorohexanesulfonic Acid (PFHxS)	103		-		65-145	-		
Perfluorooctanoic Acid (PFOA)	91		-		70-150	-		
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	120		-		65-155	-		
Perfluoroheptanesulfonic Acid (PFHpS)	118		-		70-150	-		
Perfluorononanoic Acid (PFNA)	112		-		70-150	-		
Perfluorooctanesulfonic Acid (PFOS)	102		-		55-150	-		
Perfluorodecanoic Acid (PFDA)	107		-		70-140	-		
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	120		-		60-150	-		
Perfluorononanesulfonic Acid (PFNS)	102		-		65-145	-		
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	111		-		50-140	-		
Perfluoroundecanoic Acid (PFUnA)	111		-		70-145	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 12,24 Batch: WG2126047-3								
Perfluorodecanesulfonic Acid (PFDS)	99		-		60-145	-		
Perfluorooctanesulfonamide (PFOSA)	111		-		70-145	-		
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	107		-		70-145	-		
Perfluorododecanoic Acid (PFDoA)	108		-		70-140	-		
Perfluorotridecanoic Acid (PFTrDA)	121		-		65-140	-		
Perfluorotetradecanoic Acid (PFTeDA)	110		-		60-140	-		
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	106		-		70-140	-		
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	113		-		65-145	-		
Perfluorododecanesulfonic Acid (PFDoS)	83		-		50-145	-		
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	119		-		70-155	-		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	114		-		55-160	-		
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	112		-		60-150	-		
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	104		-		65-145	-		
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	113		-		70-145	-		
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	122		-		70-135	-		
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	100		-		55-140	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
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Lab Number: L2563358
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 12,24 Batch: WG2126047-3								
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	102		-		60-150	-		
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	110		-		70-140	-		
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	104		-		50-150	-		
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	115		-		65-130	-		
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	110		-		70-135	-		
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	95		-		50-145	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

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Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 12,24 Batch: WG2126047-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	112				5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	100				40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	95				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	80				40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	102				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	97				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	99				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	105				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	83				40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	107				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	102				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	93				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	85				40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	69				40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	81				30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	121				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	54				25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	96				10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	93				10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	105				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	115				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	118				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	112				10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	110				10-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

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Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG2126470-2 WG2126470-3								
Acenaphthene	53		62		31-137	16		50
1,2,4-Trichlorobenzene	56		65		38-107	15		50
Hexachlorobenzene	53		62		40-140	16		50
Bis(2-chloroethyl)ether	55		66		40-140	18		50
2-Chloronaphthalene	56		63		40-140	12		50
1,2-Dichlorobenzene	55		63		40-140	14		50
1,3-Dichlorobenzene	53		60		40-140	12		50
1,4-Dichlorobenzene	53		61		28-104	14		50
3,3'-Dichlorobenzidine	46		54		40-140	16		50
2,4-Dinitrotoluene	66		78		40-132	17		50
2,6-Dinitrotoluene	67		78		40-140	15		50
Fluoranthene	54		63		40-140	15		50
4-Chlorophenyl phenyl ether	51		60		40-140	16		50
4-Bromophenyl phenyl ether	54		63		40-140	15		50
Bis(2-chloroisopropyl)ether	79		92		40-140	15		50
Bis(2-chloroethoxy)methane	58		68		40-117	16		50
Hexachlorobutadiene	52		59		40-140	13		50
Hexachlorocyclopentadiene	51		60		40-140	16		50
Hexachloroethane	58		67		40-140	14		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG2126470-2 WG2126470-3								
Isophorone	60		71		40-140	17		50
Naphthalene	53		60		40-140	12		50
Nitrobenzene	60		69		40-140	14		50
NDPA/DPA	55		64		36-157	15		50
n-Nitrosodi-n-propylamine	61		72		32-121	17		50
Bis(2-ethylhexyl)phthalate	63		73		40-140	15		50
Butyl benzyl phthalate	58		69		40-140	17		50
Di-n-butylphthalate	64		76		40-140	17		50
Di-n-octylphthalate	65		76		40-140	16		50
Diethyl phthalate	60		70		40-140	15		50
Dimethyl phthalate	57		66		40-140	15		50
Benzo(a)anthracene	55		64		40-140	15		50
Benzo(a)pyrene	59		70		40-140	17		50
Benzo(b)fluoranthene	59		69		40-140	16		50
Benzo(k)fluoranthene	54		64		40-140	17		50
Chrysene	57		66		40-140	15		50
Acenaphthylene	55		63		40-140	14		50
Anthracene	54		64		40-140	17		50
Benzo(ghi)perylene	56		66		40-140	16		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG2126470-2 WG2126470-3								
Fluorene	54		64		40-140	17		50
Phenanthrene	53		62		40-140	16		50
Dibenzo(a,h)anthracene	57		66		40-140	15		50
Indeno(1,2,3-cd)pyrene	62		73		40-140	16		50
Pyrene	53		63		35-142	17		50
Biphenyl	56		65		37-127	15		50
4-Chloroaniline	49		58		40-140	17		50
2-Nitroaniline	69		80		47-134	15		50
3-Nitroaniline	48		54		26-129	12		50
4-Nitroaniline	58		68		41-125	16		50
Dibenzofuran	52		60		40-140	14		50
2-Methylnaphthalene	57		66		40-140	15		50
1,2,4,5-Tetrachlorobenzene	56		64		40-117	13		50
Acetophenone	61		71		14-144	15		50
2,4,6-Trichlorophenol	65		75		30-130	14		50
p-Chloro-m-cresol	61		71		26-103	15		50
2-Chlorophenol	61		71		25-102	15		50
2,4-Dichlorophenol	63		73		30-130	15		50
2,4-Dimethylphenol	61		71		30-130	15		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG2126470-2 WG2126470-3								
2-Nitrophenol	79		92		30-130	15		50
4-Nitrophenol	77		92		11-114	18		50
2,4-Dinitrophenol	85		98		4-130	14		50
4,6-Dinitro-o-cresol	86		99		10-130	14		50
Pentachlorophenol	53		63		17-109	17		50
Phenol	54		64		26-90	17		50
2-Methylphenol	60		69		30-130	14		50
3-Methylphenol/4-Methylphenol	64		75		30-130	16		50
2,4,5-Trichlorophenol	64		73		30-130	13		50
Benzoic Acid	64		74		10-110	14		50
Benzyl Alcohol	64		75		40-140	16		50
Carbazole	54		64		54-128	17		50
1,4-Dioxane	43		50		40-140	15		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG2126470-2 WG2126470-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	62		71		25-120
Phenol-d6	59		70		10-120
Nitrobenzene-d5	62		73		23-120
2-Fluorobiphenyl	53		60		30-120
2,4,6-Tribromophenol	65		75		10-136
4-Terphenyl-d14	53		62		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 26 Batch: WG2126691-2 WG2126691-3								
Acenaphthene	71		64		37-111	10		30
1,2,4-Trichlorobenzene	53		55		39-98	4		30
Hexachlorobenzene	74		66		40-140	11		30
Bis(2-chloroethyl)ether	61		58		40-140	5		30
2-Chloronaphthalene	66		62		40-140	6		30
1,2-Dichlorobenzene	54		57		40-140	5		30
1,3-Dichlorobenzene	55		54		40-140	2		30
1,4-Dichlorobenzene	54		56		36-97	4		30
3,3'-Dichlorobenzidine	59		54		40-140	9		30
2,4-Dinitrotoluene	85		73		48-143	15		30
2,6-Dinitrotoluene	79		68		40-140	15		30
Fluoranthene	80		66		40-140	19		30
4-Chlorophenyl phenyl ether	71		64		40-140	10		30
4-Bromophenyl phenyl ether	77		67		40-140	14		30
Bis(2-chloroisopropyl)ether	60		60		40-140	0		30
Bis(2-chloroethoxy)methane	63		59		40-140	7		30
Hexachlorobutadiene	48		52		40-140	8		30
Hexachlorocyclopentadiene	63		64		40-140	2		30
Hexachloroethane	51		54		40-140	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 26 Batch: WG2126691-2 WG2126691-3								
Isophorone	61		56		40-140	9		30
Naphthalene	61		61		40-140	0		30
Nitrobenzene	62		63		40-140	2		30
NDPA/DPA	82		69		40-140	17		30
n-Nitrosodi-n-propylamine	61		58		29-132	5		30
Bis(2-ethylhexyl)phthalate	76		62		40-140	20		30
Butyl benzyl phthalate	81		68		40-140	17		30
Di-n-butylphthalate	85		68		40-140	22		30
Di-n-octylphthalate	78		67		40-140	15		30
Diethyl phthalate	82		69		40-140	17		30
Dimethyl phthalate	79		66		40-140	18		30
Benzo(a)anthracene	79		64		40-140	21		30
Benzo(a)pyrene	80		66		40-140	19		30
Benzo(b)fluoranthene	86		64		40-140	29		30
Benzo(k)fluoranthene	75		67		40-140	11		30
Chrysene	79		63		40-140	23		30
Acenaphthylene	72		65		45-123	10		30
Anthracene	77		64		40-140	18		30
Benzo(ghi)perylene	79		64		40-140	21		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 26 Batch: WG2126691-2 WG2126691-3								
Fluorene	76		69		40-140	10		30
Phenanthrene	75		63		40-140	17		30
Dibenzo(a,h)anthracene	82		66		40-140	22		30
Indeno(1,2,3-cd)pyrene	79		65		40-140	19		30
Pyrene	81		67		26-127	19		30
Biphenyl	68		63		40-140	8		30
4-Chloroaniline	52		51		40-140	2		30
2-Nitroaniline	81		72		52-143	12		30
3-Nitroaniline	77		68		25-145	12		30
4-Nitroaniline	83		72		51-143	14		30
Dibenzofuran	74		68		40-140	8		30
2-Methylnaphthalene	64		62		40-140	3		30
1,2,4,5-Tetrachlorobenzene	60		60		2-134	0		30
Acetophenone	64		63		39-129	2		30
2,4,6-Trichlorophenol	73		65		30-130	12		30
p-Chloro-m-cresol	78		66		23-97	17		30
2-Chlorophenol	68		64		27-123	6		30
2,4-Dichlorophenol	69		62		30-130	11		30
2,4-Dimethylphenol	57		56		30-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 26 Batch: WG2126691-2 WG2126691-3								
2-Nitrophenol	67		69		30-130	3		30
4-Nitrophenol	78		65		10-80	18		30
2,4-Dinitrophenol	104		90		20-130	14		30
4,6-Dinitro-o-cresol	98		85		20-164	14		30
Pentachlorophenol	99		80		9-103	21		30
Phenol	43		39		12-110	10		30
2-Methylphenol	66		63		30-130	5		30
3-Methylphenol/4-Methylphenol	66		64		30-130	3		30
2,4,5-Trichlorophenol	83		71		30-130	16		30
Benzoic Acid	110		104		10-164	6		30
Benzyl Alcohol	60		57		26-116	5		30
Carbazole	83		69		55-144	18		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 26 Batch: WG2126691-2 WG2126691-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	51		49		21-120
Phenol-d6	39		36		10-120
Nitrobenzene-d5	64		59		23-120
2-Fluorobiphenyl	64		58		15-120
2,4,6-Tribromophenol	78		65		10-120
4-Terphenyl-d14	74		60		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 19 Batch: WG2126958-2 WG2126958-3								
Acenaphthene	78		74		31-137	5		50
1,2,4-Trichlorobenzene	77		71		38-107	8		50
Hexachlorobenzene	77		72		40-140	7		50
Bis(2-chloroethyl)ether	78		72		40-140	8		50
2-Chloronaphthalene	78		71		40-140	9		50
1,2-Dichlorobenzene	75		69		40-140	8		50
1,3-Dichlorobenzene	73		68		40-140	7		50
1,4-Dichlorobenzene	74		68		28-104	8		50
3,3'-Dichlorobenzidine	68		62		40-140	9		50
2,4-Dinitrotoluene	98		91		40-132	7		50
2,6-Dinitrotoluene	95		87		40-140	9		50
Fluoranthene	82		77		40-140	6		50
4-Chlorophenyl phenyl ether	74		69		40-140	7		50
4-Bromophenyl phenyl ether	77		71		40-140	8		50
Bis(2-chloroisopropyl)ether	112		104		40-140	7		50
Bis(2-chloroethoxy)methane	81		74		40-117	9		50
Hexachlorobutadiene	72		67		40-140	7		50
Hexachlorocyclopentadiene	68		64		40-140	6		50
Hexachloroethane	81		75		40-140	8		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 19 Batch: WG2126958-2 WG2126958-3								
Isophorone	85		78		40-140	9		50
Naphthalene	74		70		40-140	6		50
Nitrobenzene	85		79		40-140	7		50
NDPA/DPA	81		75		36-157	8		50
n-Nitrosodi-n-propylamine	88		81		32-121	8		50
Bis(2-ethylhexyl)phthalate	91		86		40-140	6		50
Butyl benzyl phthalate	89		83		40-140	7		50
Di-n-butylphthalate	95		88		40-140	8		50
Di-n-octylphthalate	93		89		40-140	4		50
Diethyl phthalate	89		81		40-140	9		50
Dimethyl phthalate	80		73		40-140	9		50
Benzo(a)anthracene	81		79		40-140	3		50
Benzo(a)pyrene	88		87		40-140	1		50
Benzo(b)fluoranthene	87		83		40-140	5		50
Benzo(k)fluoranthene	82		82		40-140	0		50
Chrysene	83		79		40-140	5		50
Acenaphthylene	78		72		40-140	8		50
Anthracene	82		77		40-140	6		50
Benzo(ghi)perylene	82		79		40-140	4		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 19 Batch: WG2126958-2 WG2126958-3								
Fluorene	80		76		40-140	5		50
Phenanthrene	79		74		40-140	7		50
Dibenzo(a,h)anthracene	82		78		40-140	5		50
Indeno(1,2,3-cd)pyrene	90		87		40-140	3		50
Pyrene	81		76		35-142	6		50
Biphenyl	79		72		37-127	9		50
4-Chloroaniline	76		65		40-140	16		50
2-Nitroaniline	96		90		47-134	6		50
3-Nitroaniline	78		64		26-129	20		50
4-Nitroaniline	89		82		41-125	8		50
Dibenzofuran	76		72		40-140	5		50
2-Methylnaphthalene	80		74		40-140	8		50
1,2,4,5-Tetrachlorobenzene	76		70		40-117	8		50
Acetophenone	86		80		14-144	7		50
2,4,6-Trichlorophenol	89		82		30-130	8		50
p-Chloro-m-cresol	87		80		26-103	8		50
2-Chlorophenol	84		77		25-102	9		50
2,4-Dichlorophenol	86		78		30-130	10		50
2,4-Dimethylphenol	86		78		30-130	10		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 19 Batch: WG2126958-2 WG2126958-3								
2-Nitrophenol	108		99		30-130	9		50
4-Nitrophenol	**120**	Q	112		11-114	7		50
2,4-Dinitrophenol	116		109		4-130	6		50
4,6-Dinitro-o-cresol	120		112		10-130	7		50
Pentachlorophenol	78		74		17-109	5		50
Phenol	75		69		26-90	8		50
2-Methylphenol	83		76		30-130	9		50
3-Methylphenol/4-Methylphenol	90		81		30-130	11		50
2,4,5-Trichlorophenol	87		81		30-130	7		50
Benzoic Acid	95		90		10-110	5		50
Benzyl Alcohol	91		82		40-140	10		50
Carbazole	82		77		54-128	6		50
1,4-Dioxane	60		60		40-140	0		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 19 Batch: WG2126958-2 WG2126958-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	83		77		25-120
Phenol-d6	83		75		10-120
Nitrobenzene-d5	88		81		23-120
2-Fluorobiphenyl	73		67		30-120
2,4,6-Tribromophenol	92		85		10-136
4-Terphenyl-d14	79		73		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 18 Batch: WG2128258-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	93		-		70-140	-		
Perfluoropentanoic Acid (PFPeA)	89		-		60-150	-		
Perfluorobutanesulfonic Acid (PFBS)	104		-		65-145	-		
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	94		-		60-150	-		
Perfluorohexanoic Acid (PFHxA)	100		-		65-140	-		
Perfluoropentanesulfonic Acid (PFPeS)	87		-		55-160	-		
Perfluoroheptanoic Acid (PFHpA)	96		-		65-145	-		
Perfluorohexanesulfonic Acid (PFHxS)	105		-		60-150	-		
Perfluorooctanoic Acid (PFOA)	78		-		70-150	-		
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	94		-		55-200	-		
Perfluoroheptanesulfonic Acid (PFHpS)	89		-		65-155	-		
Perfluorononanoic Acid (PFNA)	109		-		70-155	-		
Perfluorooctanesulfonic Acid (PFOS)	95		-		65-160	-		
Perfluorodecanoic Acid (PFDA)	98		-		70-155	-		
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	99		-		70-150	-		
Perfluorononanesulfonic Acid (PFNS)	70		-		55-140	-		
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	89		-		65-155	-		
Perfluoroundecanoic Acid (PFUnA)	102		-		70-155	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
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Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 18 Batch: WG2128258-2 LOW LEVEL								
Perfluorodecanesulfonic Acid (PFDS)	71		-		40-155	-		
Perfluorooctanesulfonamide (PFOSA)	90		-		70-140	-		
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	92		-		65-165	-		
Perfluorododecanoic Acid (PFDoA)	90		-		70-150	-		
Perfluorotridecanoic Acid (PFTrDA)	82		-		65-150	-		
Perfluorotetradecanoic Acid (PFTeDA)	86		-		65-150	-		
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	90		-		70-145	-		
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	108		-		70-160	-		
Perfluorododecanesulfonic Acid (PFDoS)	66		-		25-160	-		
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	101		-		70-150	-		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	94		-		45-160	-		
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	90		-		70-155	-		
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	86		-		70-140	-		
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	104		-		70-140	-		
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	99		-		70-135	-		
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	92		-		30-140	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
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Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 18 Batch: WG2128258-2 LOW LEVEL								
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	90		-		60-150	-		
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	93		-		70-140	-		
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	90		-		60-155	-		
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	97		-		45-130	-		
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	89		-		60-130	-		
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	80		-		60-150	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 18 Batch: WG2128258-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	107				8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	86				35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	89				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	97				40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	85				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	84				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	86				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	97				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	99				40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	93				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	89				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	94				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	104				40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	81				40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	89				40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	76				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	86				40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	80				40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	67				20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	88				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	58				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	50				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	71				20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	72				15-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 18 Batch: WG2128258-3								
Perfluorobutanoic Acid (PFBA)	94		-		70-140	-		
Perfluoropentanoic Acid (PFPeA)	85		-		60-150	-		
Perfluorobutanesulfonic Acid (PFBS)	86		-		65-145	-		
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	98		-		60-150	-		
Perfluorohexanoic Acid (PFHxA)	92		-		65-140	-		
Perfluoropentanesulfonic Acid (PFPeS)	94		-		55-160	-		
Perfluoroheptanoic Acid (PFHpA)	99		-		65-145	-		
Perfluorohexanesulfonic Acid (PFHxS)	93		-		60-150	-		
Perfluorooctanoic Acid (PFOA)	75		-		70-150	-		
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	126		-		55-200	-		
Perfluoroheptanesulfonic Acid (PFHpS)	93		-		65-155	-		
Perfluorononanoic Acid (PFNA)	88		-		70-155	-		
Perfluorooctanesulfonic Acid (PFOS)	84		-		65-160	-		
Perfluorodecanoic Acid (PFDA)	90		-		70-155	-		
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	92		-		70-150	-		
Perfluorononanesulfonic Acid (PFNS)	82		-		55-140	-		
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	97		-		65-155	-		
Perfluoroundecanoic Acid (PFUnA)	90		-		70-155	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 18 Batch: WG2128258-3								
Perfluorodecanesulfonic Acid (PFDS)	76		-		40-155	-		
Perfluorooctanesulfonamide (PFOSA)	90		-		70-140	-		
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	91		-		65-165	-		
Perfluorododecanoic Acid (PFDoA)	92		-		70-150	-		
Perfluorotridecanoic Acid (PFTrDA)	80		-		65-150	-		
Perfluorotetradecanoic Acid (PFTeDA)	91		-		65-150	-		
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	91		-		70-145	-		
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	103		-		70-160	-		
Perfluorododecanesulfonic Acid (PFDoS)	64		-		25-160	-		
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	103		-		70-150	-		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	92		-		45-160	-		
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	86		-		70-155	-		
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	91		-		70-140	-		
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	107		-		70-140	-		
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	100		-		70-135	-		
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	89		-		30-140	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 18 Batch: WG2128258-3								
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	87		-		60-150	-		
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	89		-		70-140	-		
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	84		-		60-155	-		
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	93		-		45-130	-		
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	92		-		60-130	-		
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	70		-		60-150	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 18 Batch: WG2128258-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	100				8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	90				35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	95				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	100				40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	89				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	88				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	91				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	94				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	102				40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	113				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	90				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	100				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	103				40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	81				40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	87				40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	72				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	85				40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	78				40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	63				20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	93				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	57				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	50				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	71				20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	73				15-130

Matrix Spike Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 13-23 QC Batch ID: WG2125998-6 WG2125998-7 QC Sample: L2563358-21 Client ID: GZ-09 (0-2')												
Acenaphthene	240	1360	1700	110		1100	64		31-137	43		50
1,2,4-Trichlorobenzene	ND	1360	840	62		890	66		38-107	6		50
Hexachlorobenzene	ND	1360	940	69		1100	82		40-140	16		50
Bis(2-chloroethyl)ether	ND	1360	860	63		880	65		40-140	2		50
2-Chloronaphthalene	ND	1360	880	65		960	71		40-140	9		50
1,2-Dichlorobenzene	ND	1360	820	60		880	65		40-140	7		50
1,3-Dichlorobenzene	ND	1360	790	58		800	59		40-140	1		50
1,4-Dichlorobenzene	ND	1360	810	60		840	62		28-104	4		50
3,3'-Dichlorobenzidine	ND	1360	650	48		730	54		40-140	12		50
2,4-Dinitrotoluene	ND	1360	430	**32**	Q	500	**37**	Q	40-132	15		50
2,6-Dinitrotoluene	ND	1360	480	**35**	Q	600	45		40-140	22		50
Fluoranthene	1800	1360	4700	**210**	Q	2000	**15**	Q	40-140	**81**	Q	50
4-Chlorophenyl phenyl ether	ND	1360	870	64		940	70		40-140	8		50
4-Bromophenyl phenyl ether	ND	1360	900	66		1000	74		40-140	11		50
Bis(2-chloroisopropyl)ether	ND	1360	800	59		830	62		40-140	4		50
Bis(2-chloroethoxy)methane	ND	1360	820	60		870	65		40-117	6		50
Hexachlorobutadiene	ND	1360	760	56		800	59		40-140	5		50
Hexachlorocyclopentadiene	ND	1360	ND	**0**	Q	ND	**0**	Q	40-140	NC		50
Hexachloroethane	ND	1360	580	43		650	48		40-140	11		50

Matrix Spike Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 13-23 QC Batch ID: WG2125998-6 WG2125998-7 QC Sample: L2563358-21 Client ID: GZ-09 (0-2')												
Isophorone	ND	1360	870	64		900	67		40-140	3		50
Naphthalene	58J	1360	1200	88		960	71		40-140	22		50
Nitrobenzene	ND	1360	770	57		820	61		40-140	6		50
NDPA/DPA	ND	1360	910	67		1000	74		36-157	9		50
n-Nitrosodi-n-propylamine	ND	1360	810	60		900	67		32-121	11		50
Bis(2-ethylhexyl)phthalate	ND	1360	1200	88		1400	100		40-140	15		50
Butyl benzyl phthalate	ND	1360	990	73		1100	82		40-140	11		50
Di-n-butylphthalate	ND	1360	970	71		1100	82		40-140	13		50
Di-n-octylphthalate	ND	1360	1200	88		1300	97		40-140	8		50
Diethyl phthalate	ND	1360	910	67		1000	74		40-140	9		50
Dimethyl phthalate	ND	1360	810	60		900	67		40-140	11		50
Benzo(a)anthracene	980	1360	2900	140		1600	46		40-140	**58**	Q	50
Benzo(a)pyrene	930	1360	2600	120		1500	42		40-140	**54**	Q	50
Benzo(b)fluoranthene	1100	1360	3000	140		1600	**37**	Q	40-140	**61**	Q	50
Benzo(k)fluoranthene	400	1360	1600	88		1200	59		40-140	29		50
Chrysene	940	1360	2800	140		1500	42		40-140	**60**	Q	50
Acenaphthylene	200	1360	1000	59		1100	67		40-140	10		50
Anthracene	320	1360	1900	120		1200	65		40-140	45		50
Benzo(ghi)perylene	510	1360	1800	95		1200	51		40-140	40		50

Matrix Spike Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 13-23 QC Batch ID: WG2125998-6 WG2125998-7 QC Sample: L2563358-21 Client ID: GZ-09 (0-2')												
Fluorene	130J	1360	1500	110		1100	82		40-140	31		50
Phenanthrene	1200	1360	4700	**260**	Q	1600	**30**	Q	40-140	**98**	Q	50
Dibenzo(a,h)anthracene	130	1360	1100	71		1000	65		40-140	10		50
Indeno(1,2,3-cd)pyrene	530	1360	1900	100		1300	57		40-140	38		50
Pyrene	1600	1360	4100	**180**	Q	1900	**22**	Q	35-142	**73**	Q	50
Biphenyl	ND	1360	910	67		960	71		37-127	5		50
4-Chloroaniline	ND	1360	750	55		840	62		40-140	11		50
2-Nitroaniline	ND	1360	780	57		890	66		47-134	13		50
3-Nitroaniline	ND	1360	860	63		960	71		26-129	11		50
4-Nitroaniline	ND	1360	840	62		880	65		41-125	5		50
Dibenzofuran	55J	1360	1200	88		1000	74		40-140	18		50
2-Methylnaphthalene	41J	1360	1000	73		980	73		40-140	2		50
1,2,4,5-Tetrachlorobenzene	ND	1360	810	60		870	65		40-117	7		50
Acetophenone	ND	1360	980	72		1000	74		14-144	2		50
2,4,6-Trichlorophenol	ND	1360	900	66		1000	74		30-130	11		50
p-Chloro-m-cresol	ND	1360	1000	73		1100	82		26-103	10		50
2-Chlorophenol	ND	1360	940	69		970	72		25-102	3		50
2,4-Dichlorophenol	ND	1360	980	72		1100	82		30-130	12		50
2,4-Dimethylphenol	ND	1360	910	67		980	73		30-130	7		50

Matrix Spike Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Client ID: GZ-09 (0-2')	Associated sample(s): 13-23		QC Batch ID: WG2125998-6			WG2125998-7			QC Sample: L2563358-21			
2-Nitrophenol	ND	1360	380	**28**	Q	510	38		30-130	29		50
4-Nitrophenol	ND	1360	690	51		760	56		11-114	10		50
2,4-Dinitrophenol	ND	1360	ND	**0**	Q	ND	**0**	Q	4-130	NC		50
4,6-Dinitro-o-cresol	ND	1360	ND	**0**	Q	99J	**7**	Q	10-130	NC		50
Pentachlorophenol	ND	1360	990	73		1200	89		17-109	19		50
Phenol	ND	1360	850	62		880	65		26-90	3		50
2-Methylphenol	ND	1360	930	68		1000	74		30-130	7		50
3-Methylphenol/4-Methylphenol	ND	1360	930	68		1100	82		30-130	17		50
2,4,5-Trichlorophenol	ND	1360	930	68		1000	74		30-130	7		50
Benzoic Acid	ND	1360	ND	**0**	Q	ND	**0**	Q	10-110	NC		50
Benzyl Alcohol	ND	1360	920	68		1000	74		40-140	8		50
Carbazole	120J	1360	1300	96		1100	82		54-128	17		50
1,4-Dioxane	ND	1360	620	46		640	48		40-140	3		50

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	65		74		10-136
2-Fluorobiphenyl	55		63		30-120
2-Fluorophenol	67		71		25-120
4-Terphenyl-d14	57		65		18-120
Nitrobenzene-d5	57		59		23-120

Matrix Spike Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 13-23 QC Batch ID: WG2125998-6 WG2125998-7 QC Sample: L2563358-21 Client ID: GZ-09 (0-2')												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
Phenol-d6	64		71		10-120

PCBS

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-01
Client ID: GZ-02 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Date Collected: 10/07/25 12:10
Date Received: 10/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/09/25 14:55
Analyst: EMR
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 10/09/25 01:47
Cleanup Method: EPA 3665A
Cleanup Date: 10/09/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/09/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	50.8	4.51	1	A
Aroclor 1221	ND		ug/kg	50.8	5.09	1	A
Aroclor 1232	ND		ug/kg	50.8	10.8	1	A
Aroclor 1242	12.3	J	ug/kg	50.8	6.84	1	B
Aroclor 1248	ND		ug/kg	50.8	7.62	1	A
Aroclor 1254	ND		ug/kg	50.8	5.56	1	A
Aroclor 1260	19.8	J	ug/kg	50.8	9.38	1	B
Aroclor 1262	ND		ug/kg	50.8	6.45	1	A
Aroclor 1268	8.06	J	ug/kg	50.8	5.26	1	B
PCBs, Total	40.2	J	ug/kg	50.8	4.51	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-02
Client ID: GZ-02 (2.5-4.5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Date Collected: 10/07/25 12:15
Date Received: 10/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/09/25 15:03
Analyst: EMR
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 10/09/25 01:47
Cleanup Method: EPA 3665A
Cleanup Date: 10/09/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/09/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	49.1	4.36	1	A
Aroclor 1221	ND		ug/kg	49.1	4.92	1	A
Aroclor 1232	ND		ug/kg	49.1	10.4	1	A
Aroclor 1242	ND		ug/kg	49.1	6.62	1	A
Aroclor 1248	ND		ug/kg	49.1	7.36	1	A
Aroclor 1254	58.4		ug/kg	49.1	5.37	1	B
Aroclor 1260	40.3	J	ug/kg	49.1	9.07	1	B
Aroclor 1262	ND		ug/kg	49.1	6.23	1	A
Aroclor 1268	12.0	J	ug/kg	49.1	5.08	1	B
PCBs, Total	111	J	ug/kg	49.1	4.36	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	89		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	82		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-03
Client ID: GZ-05 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/07/25 14:25
Date Received: 10/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/09/25 15:12
Analyst: EMR
Percent Solids: 97%

Extraction Method: EPA 3546
Extraction Date: 10/09/25 01:47
Cleanup Method: EPA 3665A
Cleanup Date: 10/09/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/09/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	49.3	4.38	1	A
Aroclor 1221	ND		ug/kg	49.3	4.94	1	A
Aroclor 1232	ND		ug/kg	49.3	10.4	1	A
Aroclor 1242	69.0		ug/kg	49.3	6.64	1	B
Aroclor 1248	ND		ug/kg	49.3	7.39	1	A
Aroclor 1254	85.5		ug/kg	49.3	5.39	1	B
Aroclor 1260	60.3		ug/kg	49.3	9.11	1	B
Aroclor 1262	ND		ug/kg	49.3	6.26	1	A
Aroclor 1268	ND		ug/kg	49.3	5.10	1	A
PCBs, Total	215		ug/kg	49.3	4.38	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	87		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-04
Client ID: GZ-05 (2.5-4.5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/07/25 14:30
Date Received: 10/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/09/25 15:20
Analyst: EMR
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 10/09/25 01:47
Cleanup Method: EPA 3665A
Cleanup Date: 10/09/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/09/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	50.8	4.51	1	A
Aroclor 1221	ND		ug/kg	50.8	5.09	1	A
Aroclor 1232	ND		ug/kg	50.8	10.8	1	A
Aroclor 1242	ND		ug/kg	50.8	6.84	1	A
Aroclor 1248	ND		ug/kg	50.8	7.62	1	A
Aroclor 1254	ND		ug/kg	50.8	5.55	1	A
Aroclor 1260	ND		ug/kg	50.8	9.38	1	A
Aroclor 1262	ND		ug/kg	50.8	6.45	1	A
Aroclor 1268	ND		ug/kg	50.8	5.26	1	A
PCBs, Total	ND		ug/kg	50.8	4.51	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	89		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	88		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-05
Client ID: GZ-12 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/07/25 14:10
Date Received: 10/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/09/25 15:28
Analyst: EMR
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 10/09/25 01:47
Cleanup Method: EPA 3665A
Cleanup Date: 10/09/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/09/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	51.7	4.59	1	A
Aroclor 1221	ND		ug/kg	51.7	5.18	1	A
Aroclor 1232	ND		ug/kg	51.7	11.0	1	A
Aroclor 1242	ND		ug/kg	51.7	6.97	1	A
Aroclor 1248	ND		ug/kg	51.7	7.76	1	A
Aroclor 1254	ND		ug/kg	51.7	5.66	1	A
Aroclor 1260	ND		ug/kg	51.7	9.56	1	B
Aroclor 1262	ND		ug/kg	51.7	6.57	1	A
Aroclor 1268	ND		ug/kg	51.7	5.36	1	A
PCBs, Total	ND		ug/kg	51.7	4.59	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	91		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	89		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-06
Client ID: GZ-12 (2.5-4.5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Date Collected: 10/07/25 14:15
Date Received: 10/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/09/25 15:36
Analyst: EMR
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 10/09/25 01:47
Cleanup Method: EPA 3665A
Cleanup Date: 10/09/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/09/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	51.8	4.60	1	A
Aroclor 1221	ND		ug/kg	51.8	5.19	1	A
Aroclor 1232	ND		ug/kg	51.8	11.0	1	A
Aroclor 1242	ND		ug/kg	51.8	6.98	1	A
Aroclor 1248	ND		ug/kg	51.8	7.77	1	A
Aroclor 1254	ND		ug/kg	51.8	5.67	1	A
Aroclor 1260	ND		ug/kg	51.8	9.57	1	A
Aroclor 1262	ND		ug/kg	51.8	6.58	1	A
Aroclor 1268	38.1	J	ug/kg	51.8	5.37	1	B
PCBs, Total	38.1	J	ug/kg	51.8	4.60	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	75		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-07
Client ID: GZ-13 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/07/25 08:55
Date Received: 10/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/09/25 15:45
Analyst: EMR
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 10/09/25 01:47
Cleanup Method: EPA 3665A
Cleanup Date: 10/09/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/09/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	50.5	4.48	1	A
Aroclor 1221	ND		ug/kg	50.5	5.06	1	A
Aroclor 1232	ND		ug/kg	50.5	10.7	1	A
Aroclor 1242	ND		ug/kg	50.5	6.81	1	A
Aroclor 1248	ND		ug/kg	50.5	7.58	1	A
Aroclor 1254	ND		ug/kg	50.5	5.52	1	A
Aroclor 1260	ND		ug/kg	50.5	9.33	1	A
Aroclor 1262	ND		ug/kg	50.5	6.41	1	A
Aroclor 1268	ND		ug/kg	50.5	5.23	1	A
PCBs, Total	ND		ug/kg	50.5	4.48	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	92		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	90		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-08
Client ID: GZ-13 (2.5-4.5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/07/25 09:00
Date Received: 10/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/09/25 15:53
Analyst: EMR
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 10/09/25 01:47
Cleanup Method: EPA 3665A
Cleanup Date: 10/09/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/09/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	49.2	4.37	1	A
Aroclor 1221	ND		ug/kg	49.2	4.93	1	A
Aroclor 1232	ND		ug/kg	49.2	10.4	1	A
Aroclor 1242	ND		ug/kg	49.2	6.63	1	A
Aroclor 1248	ND		ug/kg	49.2	7.38	1	A
Aroclor 1254	ND		ug/kg	49.2	5.38	1	A
Aroclor 1260	ND		ug/kg	49.2	9.09	1	A
Aroclor 1262	ND		ug/kg	49.2	6.25	1	A
Aroclor 1268	ND		ug/kg	49.2	5.10	1	A
PCBs, Total	ND		ug/kg	49.2	4.37	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-09
Client ID: GZ-14 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/07/25 12:00
Date Received: 10/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/09/25 16:01
Analyst: EMR
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 10/09/25 01:47
Cleanup Method: EPA 3665A
Cleanup Date: 10/09/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/09/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	49.7	4.41	1	A
Aroclor 1221	ND		ug/kg	49.7	4.98	1	A
Aroclor 1232	ND		ug/kg	49.7	10.5	1	A
Aroclor 1242	ND		ug/kg	49.7	6.70	1	A
Aroclor 1248	ND		ug/kg	49.7	7.46	1	A
Aroclor 1254	ND		ug/kg	49.7	5.44	1	A
Aroclor 1260	17.8	J	ug/kg	49.7	9.18	1	A
Aroclor 1262	ND		ug/kg	49.7	6.31	1	A
Aroclor 1268	6.81	J	ug/kg	49.7	5.15	1	B
PCBs, Total	24.6	J	ug/kg	49.7	4.41	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	75		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-10
Client ID: GZ-14 (2.5-4.5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/07/25 12:05
Date Received: 10/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/09/25 16:09
Analyst: EMR
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 10/09/25 01:47
Cleanup Method: EPA 3665A
Cleanup Date: 10/09/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/09/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	54.2	4.81	1	A
Aroclor 1221	ND		ug/kg	54.2	5.43	1	A
Aroclor 1232	ND		ug/kg	54.2	11.5	1	A
Aroclor 1242	ND		ug/kg	54.2	7.31	1	A
Aroclor 1248	ND		ug/kg	54.2	8.13	1	A
Aroclor 1254	ND		ug/kg	54.2	5.93	1	A
Aroclor 1260	ND		ug/kg	54.2	10.0	1	A
Aroclor 1262	ND		ug/kg	54.2	6.88	1	A
Aroclor 1268	ND		ug/kg	54.2	5.62	1	A
PCBs, Total	ND		ug/kg	54.2	4.81	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-13
Client ID: GZ-01 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/08/25 08:15
Date Received: 10/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/10/25 10:07
Analyst: EMR
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 10/09/25 22:07
Cleanup Method: EPA 3665A
Cleanup Date: 10/10/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/10/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.1	4.63	1	A
Aroclor 1221	ND		ug/kg	52.1	5.22	1	A
Aroclor 1232	ND		ug/kg	52.1	11.0	1	A
Aroclor 1242	ND		ug/kg	52.1	7.03	1	A
Aroclor 1248	ND		ug/kg	52.1	7.82	1	A
Aroclor 1254	ND		ug/kg	52.1	5.70	1	A
Aroclor 1260	ND		ug/kg	52.1	9.63	1	A
Aroclor 1262	ND		ug/kg	52.1	6.62	1	A
Aroclor 1268	ND		ug/kg	52.1	5.40	1	A
PCBs, Total	ND		ug/kg	52.1	4.63	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	75		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-14
Client ID: GZ-01 (2.5-4.5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Date Collected: 10/08/25 08:20
Date Received: 10/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/10/25 10:15
Analyst: EMR
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 10/09/25 22:07
Cleanup Method: EPA 3665A
Cleanup Date: 10/10/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/10/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.7	4.68	1	A
Aroclor 1221	ND		ug/kg	52.7	5.28	1	A
Aroclor 1232	ND		ug/kg	52.7	11.2	1	A
Aroclor 1242	ND		ug/kg	52.7	7.10	1	A
Aroclor 1248	ND		ug/kg	52.7	7.90	1	A
Aroclor 1254	ND		ug/kg	52.7	5.76	1	A
Aroclor 1260	ND		ug/kg	52.7	9.74	1	A
Aroclor 1262	ND		ug/kg	52.7	6.69	1	A
Aroclor 1268	ND		ug/kg	52.7	5.46	1	A
PCBs, Total	ND		ug/kg	52.7	4.68	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	73		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-15
Client ID: GZ-03 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/08/25 11:00
Date Received: 10/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/10/25 10:24
Analyst: EMR
Percent Solids: 97%

Extraction Method: EPA 3546
Extraction Date: 10/09/25 22:07
Cleanup Method: EPA 3665A
Cleanup Date: 10/10/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/10/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	47.0	4.18	1	A
Aroclor 1221	ND		ug/kg	47.0	4.71	1	A
Aroclor 1232	ND		ug/kg	47.0	9.97	1	A
Aroclor 1242	17.7	J	ug/kg	47.0	6.34	1	B
Aroclor 1248	ND		ug/kg	47.0	7.05	1	A
Aroclor 1254	ND		ug/kg	47.0	5.14	1	A
Aroclor 1260	39.8	J	ug/kg	47.0	8.69	1	B
Aroclor 1262	ND		ug/kg	47.0	5.97	1	A
Aroclor 1268	10.6	J	ug/kg	47.0	4.87	1	A
PCBs, Total	68.1	J	ug/kg	47.0	4.18	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	74		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-16
Client ID: GZ-03 (2.5-4.5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Date Collected: 10/08/25 11:05
Date Received: 10/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/10/25 10:32
Analyst: EMR
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 10/09/25 22:07
Cleanup Method: EPA 3665A
Cleanup Date: 10/10/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/10/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.3	4.64	1	A
Aroclor 1221	ND		ug/kg	52.3	5.24	1	A
Aroclor 1232	ND		ug/kg	52.3	11.1	1	A
Aroclor 1242	ND		ug/kg	52.3	7.05	1	A
Aroclor 1248	ND		ug/kg	52.3	7.84	1	A
Aroclor 1254	ND		ug/kg	52.3	5.72	1	A
Aroclor 1260	ND		ug/kg	52.3	9.66	1	B
Aroclor 1262	ND		ug/kg	52.3	6.64	1	A
Aroclor 1268	ND		ug/kg	52.3	5.42	1	A
PCBs, Total	ND		ug/kg	52.3	4.64	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-17
Client ID: GZ-04 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/08/25 10:30
Date Received: 10/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/10/25 10:40
Analyst: EMR
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 10/09/25 22:07
Cleanup Method: EPA 3665A
Cleanup Date: 10/10/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/10/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.3	4.65	1	A
Aroclor 1221	ND		ug/kg	52.3	5.24	1	A
Aroclor 1232	ND		ug/kg	52.3	11.1	1	A
Aroclor 1242	ND		ug/kg	52.3	7.06	1	A
Aroclor 1248	ND		ug/kg	52.3	7.85	1	A
Aroclor 1254	ND		ug/kg	52.3	5.73	1	A
Aroclor 1260	ND		ug/kg	52.3	9.67	1	A
Aroclor 1262	ND		ug/kg	52.3	6.65	1	A
Aroclor 1268	ND		ug/kg	52.3	5.42	1	A
PCBs, Total	ND		ug/kg	52.3	4.65	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	59		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-18
Client ID: GZ-04 (3-5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/08/25 10:35
Date Received: 10/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/10/25 10:48
Analyst: EMR
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 10/09/25 22:07
Cleanup Method: EPA 3665A
Cleanup Date: 10/10/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/10/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	51.7	4.59	1	A
Aroclor 1221	ND		ug/kg	51.7	5.18	1	A
Aroclor 1232	ND		ug/kg	51.7	11.0	1	A
Aroclor 1242	ND		ug/kg	51.7	6.97	1	A
Aroclor 1248	ND		ug/kg	51.7	7.76	1	A
Aroclor 1254	ND		ug/kg	51.7	5.66	1	A
Aroclor 1260	58.1		ug/kg	51.7	9.55	1	B
Aroclor 1262	ND		ug/kg	51.7	6.57	1	A
Aroclor 1268	16.6	J	ug/kg	51.7	5.36	1	A
PCBs, Total	74.7	J	ug/kg	51.7	4.59	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	74		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-19
Client ID: GZ-08 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/08/25 08:50
Date Received: 10/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/10/25 10:56
Analyst: EMR
Percent Solids: 97%

Extraction Method: EPA 3546
Extraction Date: 10/09/25 22:07
Cleanup Method: EPA 3665A
Cleanup Date: 10/10/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/10/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	50.8	4.51	1	A
Aroclor 1221	ND		ug/kg	50.8	5.09	1	A
Aroclor 1232	ND		ug/kg	50.8	10.8	1	A
Aroclor 1242	ND		ug/kg	50.8	6.85	1	A
Aroclor 1248	ND		ug/kg	50.8	7.63	1	A
Aroclor 1254	ND		ug/kg	50.8	5.56	1	A
Aroclor 1260	ND		ug/kg	50.8	9.40	1	A
Aroclor 1262	ND		ug/kg	50.8	6.46	1	A
Aroclor 1268	ND		ug/kg	50.8	5.27	1	A
PCBs, Total	ND		ug/kg	50.8	4.51	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-20
Client ID: GZ-08 (2.5-4.5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Date Collected: 10/08/25 08:55
Date Received: 10/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/10/25 11:05
Analyst: EMR
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 10/09/25 22:07
Cleanup Method: EPA 3665A
Cleanup Date: 10/10/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/10/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.7	4.68	1	A
Aroclor 1221	ND		ug/kg	52.7	5.28	1	A
Aroclor 1232	ND		ug/kg	52.7	11.2	1	A
Aroclor 1242	ND		ug/kg	52.7	7.11	1	A
Aroclor 1248	ND		ug/kg	52.7	7.91	1	A
Aroclor 1254	ND		ug/kg	52.7	5.77	1	A
Aroclor 1260	26.9	JIP	ug/kg	52.7	9.74	1	A
Aroclor 1262	ND		ug/kg	52.7	6.70	1	A
Aroclor 1268	ND		ug/kg	52.7	5.46	1	A
PCBs, Total	26.9	J	ug/kg	52.7	4.68	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	94		30-150	B
Decachlorobiphenyl	106		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-21
Client ID: GZ-09 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Date Collected: 10/08/25 11:25
Date Received: 10/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/10/25 11:13
Analyst: EMR
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 10/09/25 23:24
Cleanup Method: EPA 3665A
Cleanup Date: 10/10/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/10/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	50.3	4.46	1	A
Aroclor 1221	ND		ug/kg	50.3	5.04	1	A
Aroclor 1232	ND		ug/kg	50.3	10.6	1	A
Aroclor 1242	ND		ug/kg	50.3	6.78	1	A
Aroclor 1248	ND		ug/kg	50.3	7.54	1	A
Aroclor 1254	ND		ug/kg	50.3	5.50	1	A
Aroclor 1260	10.5	J	ug/kg	50.3	9.29	1	B
Aroclor 1262	ND		ug/kg	50.3	6.38	1	A
Aroclor 1268	ND		ug/kg	50.3	5.21	1	A
PCBs, Total	10.5	J	ug/kg	50.3	4.46	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	74		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-22
Client ID: GZ-09 (2.5-4.5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Date Collected: 10/08/25 11:30
Date Received: 10/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/10/25 11:38
Analyst: EMR
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 10/09/25 23:24
Cleanup Method: EPA 3665A
Cleanup Date: 10/10/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/10/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.8	4.69	1	A
Aroclor 1221	ND		ug/kg	52.8	5.30	1	A
Aroclor 1232	ND		ug/kg	52.8	11.2	1	A
Aroclor 1242	ND		ug/kg	52.8	7.12	1	A
Aroclor 1248	ND		ug/kg	52.8	7.93	1	A
Aroclor 1254	ND		ug/kg	52.8	5.78	1	A
Aroclor 1260	ND		ug/kg	52.8	9.77	1	A
Aroclor 1262	ND		ug/kg	52.8	6.71	1	A
Aroclor 1268	ND		ug/kg	52.8	5.48	1	A
PCBs, Total	ND		ug/kg	52.8	4.69	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-23 D
Client ID: DUPLICATE-2028-10-08
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Date Collected: 10/08/25 00:00
Date Received: 10/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/10/25 11:46
Analyst: EMR
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 10/09/25 23:24
Cleanup Method: EPA 3665A
Cleanup Date: 10/10/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/10/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	243	21.6	5	A
Aroclor 1221	ND		ug/kg	243	24.3	5	A
Aroclor 1232	ND		ug/kg	243	51.5	5	A
Aroclor 1242	ND		ug/kg	243	32.7	5	A
Aroclor 1248	ND		ug/kg	243	36.4	5	A
Aroclor 1254	ND		ug/kg	243	26.6	5	A
Aroclor 1260	48.8	J	ug/kg	243	44.9	5	B
Aroclor 1262	ND		ug/kg	243	30.8	5	A
Aroclor 1268	ND		ug/kg	243	25.2	5	A
PCBs, Total	48.8	J	ug/kg	243	21.6	5	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-26
Client ID: FIELD BLANK
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/08/25 12:15
Date Received: 10/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 10/13/25 14:45
Analyst: EMR

Extraction Method: EPA 3510C
Extraction Date: 10/13/25 04:31
Cleanup Method: EPA 3665A
Cleanup Date: 10/13/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/13/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.021	1	A
Aroclor 1221	ND		ug/l	0.071	0.026	1	A
Aroclor 1232	ND		ug/l	0.071	0.026	1	A
Aroclor 1242	ND		ug/l	0.071	0.026	1	A
Aroclor 1248	ND		ug/l	0.071	0.026	1	A
Aroclor 1254	ND		ug/l	0.071	0.026	1	A
Aroclor 1260	ND		ug/l	0.071	0.026	1	A
Aroclor 1262	ND		ug/l	0.071	0.026	1	A
Aroclor 1268	ND		ug/l	0.071	0.026	1	A
PCBs, Total	ND		ug/l	0.071	0.021	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 10/09/25 14:30
Analyst: EMR

Extraction Method: EPA 3546
Extraction Date: 10/09/25 08:40
Cleanup Method: EPA 3665A
Cleanup Date: 10/09/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/09/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-10 Batch: WG2125496-1						
Aroclor 1016	ND		ug/kg	47.9	4.25	A
Aroclor 1221	ND		ug/kg	47.9	4.80	A
Aroclor 1232	ND		ug/kg	47.9	10.2	A
Aroclor 1242	ND		ug/kg	47.9	6.46	A
Aroclor 1248	ND		ug/kg	47.9	7.18	A
Aroclor 1254	ND		ug/kg	47.9	5.24	A
Aroclor 1260	ND		ug/kg	47.9	8.85	A
Aroclor 1262	ND		ug/kg	47.9	6.08	A
Aroclor 1268	ND		ug/kg	47.9	4.96	A
PCBs, Total	ND		ug/kg	47.9	4.25	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 10/10/25 09:42
Analyst: EMR

Extraction Method: EPA 3546
Extraction Date: 10/09/25 22:07
Cleanup Method: EPA 3665A
Cleanup Date: 10/10/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/10/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 13-23 Batch: WG2125982-1						
Aroclor 1016	ND		ug/kg	45.8	4.07	A
Aroclor 1221	ND		ug/kg	45.8	4.59	A
Aroclor 1232	ND		ug/kg	45.8	9.72	A
Aroclor 1242	ND		ug/kg	45.8	6.18	A
Aroclor 1248	ND		ug/kg	45.8	6.87	A
Aroclor 1254	ND		ug/kg	45.8	5.01	A
Aroclor 1260	ND		ug/kg	45.8	8.47	A
Aroclor 1262	ND		ug/kg	45.8	5.82	A
Aroclor 1268	ND		ug/kg	45.8	4.75	A
PCBs, Total	ND		ug/kg	45.8	4.07	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	74		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 10/13/25 14:01
Analyst: SDC

Extraction Method: EPA 3510C
Extraction Date: 10/13/25 04:31
Cleanup Method: EPA 3665A
Cleanup Date: 10/13/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/13/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 26 Batch: WG2126921-1						
Aroclor 1016	ND		ug/l	0.071	0.021	A
Aroclor 1221	ND		ug/l	0.071	0.026	A
Aroclor 1232	ND		ug/l	0.071	0.026	A
Aroclor 1242	ND		ug/l	0.071	0.026	A
Aroclor 1248	ND		ug/l	0.071	0.026	A
Aroclor 1254	ND		ug/l	0.071	0.026	A
Aroclor 1260	ND		ug/l	0.071	0.026	A
Aroclor 1262	ND		ug/l	0.071	0.026	A
Aroclor 1268	ND		ug/l	0.071	0.026	A
PCBs, Total	ND		ug/l	0.071	0.021	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	57		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	63		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-10 Batch: WG2125496-2 WG2125496-3									
Aroclor 1016	87		82		40-140	6		50	A
Aroclor 1260	85		81		40-140	5		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	97		93		30-150	A
Decachlorobiphenyl	83		78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	93		90		30-150	B
Decachlorobiphenyl	81		78		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 13-23 Batch: WG2125982-2 WG2125982-3									
Aroclor 1016	83		85		40-140	2		50	A
Aroclor 1260	82		82		40-140	0		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	87		88		30-150	A
Decachlorobiphenyl	73		74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		84		30-150	B
Decachlorobiphenyl	72		75		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 26 Batch: WG2126921-2 WG2126921-3									
Aroclor 1016	87		86		40-140	1		50	A
Aroclor 1260	96		94		40-140	2		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		75		30-150	A
Decachlorobiphenyl	74		73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		78		30-150	B
Decachlorobiphenyl	101		95		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 13-23 QC Batch ID: WG2125982-6 WG2125982-7 QC Sample: L2563358-21 Client ID: GZ-09 (0-2')													
Aroclor 1016	ND	298	220	74		204	69		40-140	8		50	A
Aroclor 1260	10.5J	298	254	85		236	80		40-140	7		50	B

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		73		30-150	A
Decachlorobiphenyl	65		61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		72		30-150	B
Decachlorobiphenyl	70		65		30-150	B

PESTICIDES

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-01
Client ID: GZ-02 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Date Collected: 10/07/25 12:10
Date Received: 10/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/11/25 16:57
Analyst: PEG
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 10/10/25 02:58
Cleanup Method: EPA 3620B
Cleanup Date: 10/11/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/11/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.65	0.324	1	A
Lindane	ND		ug/kg	0.689	0.308	1	A
Alpha-BHC	ND		ug/kg	0.689	0.196	1	A
Beta-BHC	ND		ug/kg	1.65	0.627	1	A
Heptachlor	ND		ug/kg	0.827	0.371	1	A
Aldrin	ND		ug/kg	1.65	0.582	1	A
Heptachlor epoxide	ND		ug/kg	3.10	0.930	1	A
Endrin	ND		ug/kg	0.689	0.282	1	A
Endrin aldehyde	ND		ug/kg	2.07	0.724	1	A
Endrin ketone	ND		ug/kg	1.65	0.426	1	A
Dieldrin	ND		ug/kg	1.03	0.517	1	A
4,4'-DDE	3.39	IP	ug/kg	1.65	0.382	1	B
4,4'-DDD	ND		ug/kg	1.65	0.590	1	A
4,4'-DDT	10.7		ug/kg	1.65	1.33	1	B
Endosulfan I	ND		ug/kg	1.65	0.391	1	A
Endosulfan II	ND		ug/kg	1.65	0.553	1	A
Endosulfan sulfate	ND		ug/kg	0.689	0.328	1	A
Methoxychlor	ND		ug/kg	3.10	0.965	1	A
Toxaphene	ND		ug/kg	31.0	8.68	1	A
cis-Chlordane	ND		ug/kg	2.07	0.576	1	A
trans-Chlordane	ND		ug/kg	2.07	0.546	1	A
Chlordane	ND		ug/kg	13.8	5.48	1	A

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-01 Date Collected: 10/07/25 12:10

Client ID: GZ-02 (0-2') Date Received: 10/07/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-01
Client ID: GZ-02 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Date Collected: 10/07/25 12:10
Date Received: 10/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 10/11/25 01:09
Analyst: JAG
Percent Solids: 92%
Methylation Date: 10/10/25 19:54
Extraction Method: EPA 8151A
Extraction Date: 10/09/25 12:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	179	11.3	1	A
2,4,5-T	ND		ug/kg	179	5.55	1	A
2,4,5-TP (Silvex)	ND		ug/kg	179	4.76	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	83		30-150	A
DCAA	78		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-02
Client ID: GZ-02 (2.5-4.5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/07/25 12:15
Date Received: 10/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/12/25 13:40
Analyst: DLP
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 10/10/25 02:58
Cleanup Method: EPA 3620B
Cleanup Date: 10/11/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/11/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.70	0.333	1	A
Lindane	ND		ug/kg	0.708	0.317	1	A
Alpha-BHC	ND		ug/kg	0.708	0.201	1	A
Beta-BHC	ND		ug/kg	1.70	0.645	1	A
Heptachlor	ND		ug/kg	0.850	0.381	1	A
Aldrin	ND		ug/kg	1.70	0.599	1	A
Heptachlor epoxide	ND		ug/kg	3.19	0.956	1	A
Endrin	ND		ug/kg	0.708	0.290	1	A
Endrin aldehyde	ND		ug/kg	2.12	0.744	1	A
Endrin ketone	ND		ug/kg	1.70	0.438	1	A
Dieldrin	ND		ug/kg	1.06	0.531	1	A
4,4'-DDE	5.75		ug/kg	1.70	0.393	1	A
4,4'-DDD	1.54	JIP	ug/kg	1.70	0.606	1	A
4,4'-DDT	13.9		ug/kg	1.70	1.37	1	B
Endosulfan I	ND		ug/kg	1.70	0.402	1	A
Endosulfan II	ND		ug/kg	1.70	0.568	1	A
Endosulfan sulfate	ND		ug/kg	0.708	0.337	1	A
Methoxychlor	ND		ug/kg	3.19	0.992	1	A
Toxaphene	ND		ug/kg	31.9	8.93	1	A
cis-Chlordane	ND		ug/kg	2.12	0.592	1	A
trans-Chlordane	ND		ug/kg	2.12	0.561	1	A
Chlordane	ND		ug/kg	14.2	5.63	1	A

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-02 Date Collected: 10/07/25 12:15

Client ID: GZ-02 (2.5-4.5') Date Received: 10/07/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	99		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-02
Client ID: GZ-02 (2.5-4.5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Date Collected: 10/07/25 12:15
Date Received: 10/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 10/11/25 00:51
Analyst: JAG
Percent Solids: 94%
Methylation Date: 10/10/25 19:54
Extraction Method: EPA 8151A
Extraction Date: 10/09/25 12:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	175	11.0	1	A
2,4,5-T	ND		ug/kg	175	5.43	1	A
2,4,5-TP (Silvex)	ND		ug/kg	175	4.66	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	66		30-150	A
DCAA	70		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-03
Client ID: GZ-05 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/07/25 14:25
Date Received: 10/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/11/25 17:09
Analyst: PEG
Percent Solids: 97%

Extraction Method: EPA 3546
Extraction Date: 10/10/25 02:58
Cleanup Method: EPA 3620B
Cleanup Date: 10/11/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/11/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.58	0.309	1	A
Lindane	ND		ug/kg	0.657	0.294	1	A
Alpha-BHC	ND		ug/kg	0.657	0.186	1	A
Beta-BHC	ND		ug/kg	1.58	0.598	1	A
Heptachlor	ND		ug/kg	0.788	0.353	1	A
Aldrin	ND		ug/kg	1.58	0.555	1	A
Heptachlor epoxide	ND		ug/kg	2.95	0.886	1	A
Endrin	ND		ug/kg	0.657	0.269	1	A
Endrin aldehyde	ND		ug/kg	1.97	0.689	1	A
Endrin ketone	ND		ug/kg	1.58	0.406	1	A
Dieldrin	ND		ug/kg	0.985	0.492	1	A
4,4'-DDE	ND		ug/kg	1.58	0.364	1	A
4,4'-DDD	ND		ug/kg	1.58	0.562	1	A
4,4'-DDT	ND		ug/kg	1.58	1.27	1	A
Endosulfan I	ND		ug/kg	1.58	0.372	1	A
Endosulfan II	ND		ug/kg	1.58	0.527	1	A
Endosulfan sulfate	ND		ug/kg	0.657	0.312	1	A
Methoxychlor	ND		ug/kg	2.95	0.919	1	A
Toxaphene	ND		ug/kg	29.5	8.27	1	A
cis-Chlordane	ND		ug/kg	1.97	0.549	1	A
trans-Chlordane	ND		ug/kg	1.97	0.520	1	A
Chlordane	ND		ug/kg	13.1	5.22	1	A

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-03 Date Collected: 10/07/25 14:25

Client ID: GZ-05 (0-2') Date Received: 10/07/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	43		30-150	A
Decachlorobiphenyl	37		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-03
Client ID: GZ-05 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Date Collected: 10/07/25 14:25
Date Received: 10/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 10/11/25 00:32
Analyst: JAG
Percent Solids: 97%
Methylation Date: 10/10/25 19:54
Extraction Method: EPA 8151A
Extraction Date: 10/09/25 12:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	167	10.6	1	A
2,4,5-T	ND		ug/kg	167	5.19	1	A
2,4,5-TP (Silvex)	ND		ug/kg	167	4.45	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	81		30-150	A
DCAA	84		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-04
Client ID: GZ-05 (2.5-4.5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/07/25 14:30
Date Received: 10/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/11/25 17:32
Analyst: PEG
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 10/10/25 02:58
Cleanup Method: EPA 3620B
Cleanup Date: 10/11/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/11/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.64	0.322	1	A
Lindane	ND		ug/kg	0.684	0.306	1	A
Alpha-BHC	ND		ug/kg	0.684	0.194	1	A
Beta-BHC	ND		ug/kg	1.64	0.623	1	A
Heptachlor	ND		ug/kg	0.821	0.368	1	A
Aldrin	ND		ug/kg	1.64	0.578	1	A
Heptachlor epoxide	ND		ug/kg	3.08	0.924	1	A
Endrin	ND		ug/kg	0.684	0.281	1	A
Endrin aldehyde	ND		ug/kg	2.05	0.719	1	A
Endrin ketone	ND		ug/kg	1.64	0.423	1	A
Dieldrin	ND		ug/kg	1.03	0.513	1	A
4,4'-DDE	ND		ug/kg	1.64	0.380	1	A
4,4'-DDD	ND		ug/kg	1.64	0.586	1	A
4,4'-DDT	ND		ug/kg	1.64	1.32	1	A
Endosulfan I	ND		ug/kg	1.64	0.388	1	A
Endosulfan II	ND		ug/kg	1.64	0.549	1	A
Endosulfan sulfate	ND		ug/kg	0.684	0.326	1	A
Methoxychlor	ND		ug/kg	3.08	0.958	1	A
Toxaphene	ND		ug/kg	30.8	8.62	1	A
cis-Chlordane	ND		ug/kg	2.05	0.572	1	A
trans-Chlordane	ND		ug/kg	2.05	0.542	1	A
Chlordane	ND		ug/kg	13.7	5.44	1	A

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-04 Date Collected: 10/07/25 14:30

Client ID: GZ-05 (2.5-4.5') Date Received: 10/07/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	87		30-150	A
Decachlorobiphenyl	83		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	88		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Lab Number: L2563358
Project Number: 41.0163476.00
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-04
Client ID: GZ-05 (2.5-4.5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/07/25 14:30
Date Received: 10/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 10/11/25 05:48
Analyst: JAG
Percent Solids: 96%
Methylation Date: 10/10/25 19:54

Extraction Method: EPA 8151A
Extraction Date: 10/09/25 12:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	173	10.9	1	A
2,4,5-T	ND		ug/kg	173	5.37	1	A
2,4,5-TP (Silvex)	ND		ug/kg	173	4.61	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	73		30-150	A
DCAA	76		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-05
Client ID: GZ-12 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/07/25 14:10
Date Received: 10/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/11/25 17:44
Analyst: PEG
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 10/10/25 02:58
Cleanup Method: EPA 3620B
Cleanup Date: 10/11/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/11/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.58	0.309	1	A
Lindane	ND		ug/kg	0.657	0.294	1	A
Alpha-BHC	ND		ug/kg	0.657	0.187	1	A
Beta-BHC	ND		ug/kg	1.58	0.598	1	A
Heptachlor	ND		ug/kg	0.789	0.354	1	A
Aldrin	ND		ug/kg	1.58	0.555	1	A
Heptachlor epoxide	ND		ug/kg	2.96	0.887	1	A
Endrin	ND		ug/kg	0.657	0.270	1	A
Endrin aldehyde	ND		ug/kg	1.97	0.690	1	A
Endrin ketone	ND		ug/kg	1.58	0.406	1	A
Dieldrin	ND		ug/kg	0.986	0.493	1	A
4,4'-DDE	4.03		ug/kg	1.58	0.365	1	A
4,4'-DDD	ND		ug/kg	1.58	0.563	1	A
4,4'-DDT	6.90		ug/kg	1.58	1.27	1	A
Endosulfan I	ND		ug/kg	1.58	0.373	1	A
Endosulfan II	ND		ug/kg	1.58	0.527	1	A
Endosulfan sulfate	ND		ug/kg	0.657	0.313	1	A
Methoxychlor	ND		ug/kg	2.96	0.920	1	A
Toxaphene	ND		ug/kg	29.6	8.28	1	A
cis-Chlordane	ND		ug/kg	1.97	0.550	1	A
trans-Chlordane	ND		ug/kg	1.97	0.521	1	A
Chlordane	ND		ug/kg	13.1	5.22	1	A

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-05 Date Collected: 10/07/25 14:10

Client ID: GZ-12 (0-2') Date Received: 10/07/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	91		30-150	A
Decachlorobiphenyl	82		30-150	A
2,4,5,6-Tetrachloro-m-xylene	90		30-150	B
Decachlorobiphenyl	90		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-05
Client ID: GZ-12 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Date Collected: 10/07/25 14:10
Date Received: 10/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 10/11/25 05:29
Analyst: JAG
Percent Solids: 96%
Methylation Date: 10/10/25 19:54

Extraction Method: EPA 8151A
Extraction Date: 10/09/25 12:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	171	10.8	1	A
2,4,5-T	ND		ug/kg	171	5.30	1	A
2,4,5-TP (Silvex)	ND		ug/kg	171	4.55	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	74		30-150	A
DCAA	78		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-06
Client ID: GZ-12 (2.5-4.5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/07/25 14:15
Date Received: 10/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/11/25 17:55
Analyst: PEG
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 10/10/25 02:58
Cleanup Method: EPA 3620B
Cleanup Date: 10/11/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/11/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.65	0.323	1	A
Lindane	ND		ug/kg	0.687	0.307	1	A
Alpha-BHC	ND		ug/kg	0.687	0.195	1	A
Beta-BHC	ND		ug/kg	1.65	0.625	1	A
Heptachlor	ND		ug/kg	0.824	0.370	1	A
Aldrin	ND		ug/kg	1.65	0.580	1	A
Heptachlor epoxide	ND		ug/kg	3.09	0.927	1	A
Endrin	ND		ug/kg	0.687	0.282	1	A
Endrin aldehyde	ND		ug/kg	2.06	0.721	1	A
Endrin ketone	ND		ug/kg	1.65	0.424	1	A
Dieldrin	ND		ug/kg	1.03	0.515	1	A
4,4'-DDE	2.68	IP	ug/kg	1.65	0.381	1	B
4,4'-DDD	ND		ug/kg	1.65	0.588	1	A
4,4'-DDT	7.63		ug/kg	1.65	1.32	1	B
Endosulfan I	ND		ug/kg	1.65	0.389	1	A
Endosulfan II	ND		ug/kg	1.65	0.551	1	A
Endosulfan sulfate	ND		ug/kg	0.687	0.327	1	A
Methoxychlor	ND		ug/kg	3.09	0.962	1	A
Toxaphene	ND		ug/kg	30.9	8.66	1	A
cis-Chlordane	ND		ug/kg	2.06	0.574	1	A
trans-Chlordane	ND		ug/kg	2.06	0.544	1	A
Chlordane	ND		ug/kg	13.7	5.46	1	A

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-06 Date Collected: 10/07/25 14:15

Client ID: GZ-12 (2.5-4.5') Date Received: 10/07/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	74		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-06
Client ID: GZ-12 (2.5-4.5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Date Collected: 10/07/25 14:15
Date Received: 10/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 10/11/25 05:11
Analyst: JAG
Percent Solids: 95%
Methylation Date: 10/10/25 19:54
Extraction Method: EPA 8151A
Extraction Date: 10/09/25 12:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	173	10.9	1	A
2,4,5-T	ND		ug/kg	173	5.37	1	A
2,4,5-TP (Silvex)	ND		ug/kg	173	4.61	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	66		30-150	A
DCAA	68		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-07
Client ID: GZ-13 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/07/25 08:55
Date Received: 10/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/11/25 18:07
Analyst: PEG
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 10/10/25 02:58
Cleanup Method: EPA 3620B
Cleanup Date: 10/11/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/11/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.66	0.325	1	A
Lindane	ND		ug/kg	0.691	0.309	1	A
Alpha-BHC	ND		ug/kg	0.691	0.196	1	A
Beta-BHC	ND		ug/kg	1.66	0.629	1	A
Heptachlor	ND		ug/kg	0.829	0.372	1	A
Aldrin	ND		ug/kg	1.66	0.584	1	A
Heptachlor epoxide	ND		ug/kg	3.11	0.933	1	A
Endrin	ND		ug/kg	0.691	0.283	1	A
Endrin aldehyde	ND		ug/kg	2.07	0.726	1	A
Endrin ketone	ND		ug/kg	1.66	0.427	1	A
Dieldrin	ND		ug/kg	1.04	0.518	1	A
4,4'-DDE	3.27		ug/kg	1.66	0.384	1	A
4,4'-DDD	ND		ug/kg	1.66	0.592	1	A
4,4'-DDT	5.82		ug/kg	1.66	1.33	1	A
Endosulfan I	ND		ug/kg	1.66	0.392	1	A
Endosulfan II	ND		ug/kg	1.66	0.554	1	A
Endosulfan sulfate	ND		ug/kg	0.691	0.329	1	A
Methoxychlor	ND		ug/kg	3.11	0.968	1	A
Toxaphene	ND		ug/kg	31.1	8.71	1	A
cis-Chlordane	ND		ug/kg	2.07	0.578	1	A
trans-Chlordane	ND		ug/kg	2.07	0.547	1	A
Chlordane	ND		ug/kg	13.8	5.49	1	A

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-07 Date Collected: 10/07/25 08:55

Client ID: GZ-13 (0-2') Date Received: 10/07/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	91		30-150	A
Decachlorobiphenyl	89		30-150	A
2,4,5,6-Tetrachloro-m-xylene	88		30-150	B
Decachlorobiphenyl	92		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-07
Client ID: GZ-13 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/07/25 08:55
Date Received: 10/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 10/11/25 04:52
Analyst: JAG
Percent Solids: 95%
Methylation Date: 10/10/25 19:54

Extraction Method: EPA 8151A
Extraction Date: 10/09/25 12:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	171	10.8	1	A
2,4,5-T	ND		ug/kg	171	5.29	1	A
2,4,5-TP (Silvex)	ND		ug/kg	171	4.54	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	80		30-150	A
DCAA	82		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-08
Client ID: GZ-13 (2.5-4.5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/07/25 09:00
Date Received: 10/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/11/25 18:19
Analyst: PEG
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 10/10/25 02:58
Cleanup Method: EPA 3620B
Cleanup Date: 10/11/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/11/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.62	0.316	1	A
Lindane	ND		ug/kg	0.673	0.301	1	A
Alpha-BHC	ND		ug/kg	0.673	0.191	1	A
Beta-BHC	ND		ug/kg	1.62	0.612	1	A
Heptachlor	ND		ug/kg	0.808	0.362	1	A
Aldrin	ND		ug/kg	1.62	0.569	1	A
Heptachlor epoxide	ND		ug/kg	3.03	0.908	1	A
Endrin	ND		ug/kg	0.673	0.276	1	A
Endrin aldehyde	ND		ug/kg	2.02	0.707	1	A
Endrin ketone	ND		ug/kg	1.62	0.416	1	A
Dieldrin	ND		ug/kg	1.01	0.505	1	A
4,4'-DDE	ND		ug/kg	1.62	0.374	1	A
4,4'-DDD	ND		ug/kg	1.62	0.576	1	A
4,4'-DDT	ND		ug/kg	1.62	1.30	1	A
Endosulfan I	ND		ug/kg	1.62	0.382	1	A
Endosulfan II	ND		ug/kg	1.62	0.540	1	A
Endosulfan sulfate	ND		ug/kg	0.673	0.320	1	A
Methoxychlor	ND		ug/kg	3.03	0.942	1	A
Toxaphene	ND		ug/kg	30.3	8.48	1	A
cis-Chlordane	ND		ug/kg	2.02	0.563	1	A
trans-Chlordane	ND		ug/kg	2.02	0.533	1	A
Chlordane	ND		ug/kg	13.5	5.35	1	A

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-08 Date Collected: 10/07/25 09:00

Client ID: GZ-13 (2.5-4.5') Date Received: 10/07/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	97		30-150	A
Decachlorobiphenyl	94		30-150	A
2,4,5,6-Tetrachloro-m-xylene	97		30-150	B
Decachlorobiphenyl	100		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-08
Client ID: GZ-13 (2.5-4.5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Date Collected: 10/07/25 09:00
Date Received: 10/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 10/11/25 04:34
Analyst: JAG
Percent Solids: 96%
Methylation Date: 10/10/25 19:54
Extraction Method: EPA 8151A
Extraction Date: 10/09/25 12:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	169	10.7	1	A
2,4,5-T	ND		ug/kg	169	5.25	1	A
2,4,5-TP (Silvex)	ND		ug/kg	169	4.51	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	85		30-150	A
DCAA	86		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-09
Client ID: GZ-14 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Date Collected: 10/07/25 12:00
Date Received: 10/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/11/25 18:31
Analyst: PEG
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 10/10/25 02:58
Cleanup Method: EPA 3620B
Cleanup Date: 10/11/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/11/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.67	0.326	1	A
Lindane	ND		ug/kg	0.695	0.310	1	A
Alpha-BHC	ND		ug/kg	0.695	0.197	1	A
Beta-BHC	ND		ug/kg	1.67	0.632	1	A
Heptachlor	ND		ug/kg	0.834	0.374	1	A
Aldrin	ND		ug/kg	1.67	0.587	1	A
Heptachlor epoxide	ND		ug/kg	3.13	0.938	1	A
Endrin	ND		ug/kg	0.695	0.285	1	A
Endrin aldehyde	ND		ug/kg	2.08	0.729	1	A
Endrin ketone	ND		ug/kg	1.67	0.429	1	A
Dieldrin	ND		ug/kg	1.04	0.521	1	A
4,4'-DDE	5.62		ug/kg	1.67	0.386	1	A
4,4'-DDD	ND		ug/kg	1.67	0.595	1	A
4,4'-DDT	11.5		ug/kg	1.67	1.34	1	B
Endosulfan I	ND		ug/kg	1.67	0.394	1	A
Endosulfan II	ND		ug/kg	1.67	0.557	1	A
Endosulfan sulfate	ND		ug/kg	0.695	0.331	1	A
Methoxychlor	ND		ug/kg	3.13	0.972	1	A
Toxaphene	ND		ug/kg	31.3	8.75	1	A
cis-Chlordane	ND		ug/kg	2.08	0.581	1	A
trans-Chlordane	ND		ug/kg	2.08	0.550	1	A
Chlordane	ND		ug/kg	13.9	5.52	1	A

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-09 Date Collected: 10/07/25 12:00

Client ID: GZ-14 (0-2') Date Received: 10/07/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	90		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-09
Client ID: GZ-14 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Date Collected: 10/07/25 12:00
Date Received: 10/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 10/11/25 04:15
Analyst: JAG
Percent Solids: 96%
Methylation Date: 10/10/25 19:54
Extraction Method: EPA 8151A
Extraction Date: 10/09/25 12:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	171	10.8	1	A
2,4,5-T	ND		ug/kg	171	5.31	1	A
2,4,5-TP (Silvex)	ND		ug/kg	171	4.56	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	77		30-150	A
DCAA	75		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-10
Client ID: GZ-14 (2.5-4.5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Date Collected: 10/07/25 12:05
Date Received: 10/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/11/25 18:42
Analyst: PEG
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 10/10/25 02:58
Cleanup Method: EPA 3620B
Cleanup Date: 10/11/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/11/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.70	0.333	1	A
Lindane	ND		ug/kg	0.709	0.317	1	A
Alpha-BHC	ND		ug/kg	0.709	0.201	1	A
Beta-BHC	ND		ug/kg	1.70	0.645	1	A
Heptachlor	ND		ug/kg	0.850	0.381	1	A
Aldrin	ND		ug/kg	1.70	0.599	1	A
Heptachlor epoxide	ND		ug/kg	3.19	0.957	1	A
Endrin	ND		ug/kg	0.709	0.290	1	A
Endrin aldehyde	ND		ug/kg	2.12	0.744	1	A
Endrin ketone	ND		ug/kg	1.70	0.438	1	A
Dieldrin	ND		ug/kg	1.06	0.531	1	A
4,4'-DDE	5.39		ug/kg	1.70	0.393	1	A
4,4'-DDD	ND		ug/kg	1.70	0.606	1	A
4,4'-DDT	5.85		ug/kg	1.70	1.37	1	B
Endosulfan I	ND		ug/kg	1.70	0.402	1	A
Endosulfan II	ND		ug/kg	1.70	0.568	1	A
Endosulfan sulfate	ND		ug/kg	0.709	0.337	1	A
Methoxychlor	ND		ug/kg	3.19	0.992	1	A
Toxaphene	ND		ug/kg	31.9	8.93	1	A
cis-Chlordane	ND		ug/kg	2.12	0.592	1	A
trans-Chlordane	ND		ug/kg	2.12	0.561	1	A
Chlordane	ND		ug/kg	14.2	5.63	1	A

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-10 Date Collected: 10/07/25 12:05

Client ID: GZ-14 (2.5-4.5') Date Received: 10/07/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	91		30-150	B
Decachlorobiphenyl	94		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Lab Number: L2563358
Project Number: 41.0163476.00
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-10
Client ID: GZ-14 (2.5-4.5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/07/25 12:05
Date Received: 10/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 10/11/25 03:57
Analyst: JAG
Percent Solids: 91%
Methylation Date: 10/10/25 19:54

Extraction Method: EPA 8151A
Extraction Date: 10/09/25 12:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	180	11.4	1	A
2,4,5-T	ND		ug/kg	180	5.58	1	A
2,4,5-TP (Silvex)	ND		ug/kg	180	4.79	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	84		30-150	A
DCAA	84		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-13
Client ID: GZ-01 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/08/25 08:15
Date Received: 10/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/10/25 09:39
Analyst: PEG
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 10/10/25 00:26
Cleanup Method: EPA 3620B
Cleanup Date: 10/10/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/10/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.62	0.317	1	A
Lindane	ND		ug/kg	0.675	0.302	1	A
Alpha-BHC	ND		ug/kg	0.675	0.192	1	A
Beta-BHC	ND		ug/kg	1.62	0.614	1	A
Heptachlor	ND		ug/kg	0.810	0.363	1	A
Aldrin	ND		ug/kg	1.62	0.570	1	A
Heptachlor epoxide	ND		ug/kg	3.04	0.911	1	A
Endrin	ND		ug/kg	0.675	0.277	1	A
Endrin aldehyde	ND		ug/kg	2.02	0.709	1	A
Endrin ketone	ND		ug/kg	1.62	0.417	1	A
Dieldrin	ND		ug/kg	1.01	0.506	1	A
4,4'-DDE	2.13		ug/kg	1.62	0.375	1	A
4,4'-DDD	ND		ug/kg	1.62	0.578	1	A
4,4'-DDT	10.0		ug/kg	1.62	1.30	1	B
Endosulfan I	ND		ug/kg	1.62	0.383	1	A
Endosulfan II	ND		ug/kg	1.62	0.541	1	A
Endosulfan sulfate	ND		ug/kg	0.675	0.321	1	A
Methoxychlor	ND		ug/kg	3.04	0.945	1	A
Toxaphene	ND		ug/kg	30.4	8.50	1	A
cis-Chlordane	ND		ug/kg	2.02	0.564	1	A
trans-Chlordane	ND		ug/kg	2.02	0.535	1	A
Chlordane	ND		ug/kg	13.5	5.37	1	A

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-13 Date Collected: 10/08/25 08:15

Client ID: GZ-01 (0-2') Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	115		30-150	A
Decachlorobiphenyl	84		30-150	A
2,4,5,6-Tetrachloro-m-xylene	110		30-150	B
Decachlorobiphenyl	119		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-13
Client ID: GZ-01 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/08/25 08:15
Date Received: 10/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 10/13/25 12:02
Analyst: EJL
Percent Solids: 94%
Methylation Date: 10/12/25 22:40

Extraction Method: EPA 8151A
Extraction Date: 10/10/25 22:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	175	11.0	1	A
2,4,5-T	ND		ug/kg	175	5.44	1	A
2,4,5-TP (Silvex)	ND		ug/kg	175	4.67	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	94		30-150	A
DCAA	84		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-14
Client ID: GZ-01 (2.5-4.5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/08/25 08:20
Date Received: 10/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/10/25 09:52
Analyst: PEG
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 10/10/25 00:26
Cleanup Method: EPA 3620B
Cleanup Date: 10/10/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/10/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.70	0.332	1	A
Lindane	ND		ug/kg	0.707	0.316	1	A
Alpha-BHC	ND		ug/kg	0.707	0.201	1	A
Beta-BHC	ND		ug/kg	1.70	0.644	1	A
Heptachlor	ND		ug/kg	0.849	0.381	1	A
Aldrin	ND		ug/kg	1.70	0.598	1	A
Heptachlor epoxide	ND		ug/kg	3.18	0.955	1	A
Endrin	ND		ug/kg	0.707	0.290	1	A
Endrin aldehyde	ND		ug/kg	2.12	0.743	1	A
Endrin ketone	ND		ug/kg	1.70	0.437	1	A
Dieldrin	ND		ug/kg	1.06	0.530	1	A
4,4'-DDE	1.84		ug/kg	1.70	0.393	1	A
4,4'-DDD	ND		ug/kg	1.70	0.606	1	A
4,4'-DDT	2.75		ug/kg	1.70	1.36	1	B
Endosulfan I	ND		ug/kg	1.70	0.401	1	A
Endosulfan II	ND		ug/kg	1.70	0.567	1	A
Endosulfan sulfate	ND		ug/kg	0.707	0.337	1	A
Methoxychlor	ND		ug/kg	3.18	0.990	1	A
Toxaphene	ND		ug/kg	31.8	8.91	1	A
cis-Chlordane	ND		ug/kg	2.12	0.591	1	A
trans-Chlordane	ND		ug/kg	2.12	0.560	1	A
Chlordane	ND		ug/kg	14.1	5.62	1	A

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-14 Date Collected: 10/08/25 08:20

Client ID: GZ-01 (2.5-4.5') Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	105		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	97		30-150	B
Decachlorobiphenyl	106		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Lab Number: L2563358
Project Number: 41.0163476.00
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-14
Client ID: GZ-01 (2.5-4.5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Date Collected: 10/08/25 08:20
Date Received: 10/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 10/13/25 12:22
Analyst: EJL
Percent Solids: 93%
Methylation Date: 10/12/25 22:40

Extraction Method: EPA 8151A
Extraction Date: 10/10/25 22:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	176	11.1	1	A
2,4,5-T	ND		ug/kg	176	5.47	1	A
2,4,5-TP (Silvex)	ND		ug/kg	176	4.70	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	101		30-150	A
DCAA	90		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-15
Client ID: GZ-03 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/08/25 11:00
Date Received: 10/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/10/25 10:04
Analyst: PEG
Percent Solids: 97%

Extraction Method: EPA 3546
Extraction Date: 10/10/25 00:26
Cleanup Method: EPA 3620B
Cleanup Date: 10/10/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/10/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.64	0.321	1	A
Lindane	ND		ug/kg	0.683	0.305	1	A
Alpha-BHC	ND		ug/kg	0.683	0.194	1	A
Beta-BHC	ND		ug/kg	1.64	0.621	1	A
Heptachlor	ND		ug/kg	0.820	0.367	1	A
Aldrin	ND		ug/kg	1.64	0.577	1	A
Heptachlor epoxide	ND		ug/kg	3.07	0.922	1	A
Endrin	ND		ug/kg	0.683	0.280	1	A
Endrin aldehyde	ND		ug/kg	2.05	0.717	1	A
Endrin ketone	ND		ug/kg	1.64	0.422	1	A
Dieldrin	ND		ug/kg	1.02	0.512	1	A
4,4'-DDE	ND		ug/kg	1.64	0.379	1	A
4,4'-DDD	ND		ug/kg	1.64	0.584	1	A
4,4'-DDT	ND		ug/kg	1.64	1.32	1	A
Endosulfan I	ND		ug/kg	1.64	0.387	1	A
Endosulfan II	ND		ug/kg	1.64	0.548	1	A
Endosulfan sulfate	ND		ug/kg	0.683	0.325	1	A
Methoxychlor	ND		ug/kg	3.07	0.956	1	A
Toxaphene	ND		ug/kg	30.7	8.60	1	A
cis-Chlordane	ND		ug/kg	2.05	0.571	1	A
trans-Chlordane	ND		ug/kg	2.05	0.541	1	A
Chlordane	ND		ug/kg	13.6	5.43	1	A

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-15 Date Collected: 10/08/25 11:00

Client ID: GZ-03 (0-2') Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	57		30-150	A
Decachlorobiphenyl	44		30-150	A
2,4,5,6-Tetrachloro-m-xylene	**25**	Q	30-150	B
Decachlorobiphenyl	35		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-15
Client ID: GZ-03 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Date Collected: 10/08/25 11:00
Date Received: 10/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 10/13/25 12:41
Analyst: EJL
Percent Solids: 97%
Methylation Date: 10/12/25 22:40
Extraction Method: EPA 8151A
Extraction Date: 10/10/25 22:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	171	10.8	1	A
2,4,5-T	ND		ug/kg	171	5.29	1	A
2,4,5-TP (Silvex)	ND		ug/kg	171	4.54	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	81		30-150	A
DCAA	67		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-16
Client ID: GZ-03 (2.5-4.5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/08/25 11:05
Date Received: 10/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/10/25 10:16
Analyst: PEG
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 10/10/25 00:26
Cleanup Method: EPA 3620B
Cleanup Date: 10/10/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/10/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.70	0.334	1	A
Lindane	ND		ug/kg	0.710	0.317	1	A
Alpha-BHC	ND		ug/kg	0.710	0.202	1	A
Beta-BHC	ND		ug/kg	1.70	0.646	1	A
Heptachlor	ND		ug/kg	0.852	0.382	1	A
Aldrin	ND		ug/kg	1.70	0.600	1	A
Heptachlor epoxide	ND		ug/kg	3.20	0.959	1	A
Endrin	ND		ug/kg	0.710	0.291	1	A
Endrin aldehyde	ND		ug/kg	2.13	0.746	1	A
Endrin ketone	ND		ug/kg	1.70	0.439	1	A
Dieldrin	ND		ug/kg	1.06	0.532	1	A
4,4'-DDE	ND		ug/kg	1.70	0.394	1	A
4,4'-DDD	ND		ug/kg	1.70	0.608	1	A
4,4'-DDT	ND		ug/kg	1.70	1.37	1	A
Endosulfan I	ND		ug/kg	1.70	0.403	1	A
Endosulfan II	ND		ug/kg	1.70	0.570	1	A
Endosulfan sulfate	ND		ug/kg	0.710	0.338	1	A
Methoxychlor	ND		ug/kg	3.20	0.994	1	A
Toxaphene	ND		ug/kg	32.0	8.95	1	A
cis-Chlordane	ND		ug/kg	2.13	0.594	1	A
trans-Chlordane	ND		ug/kg	2.13	0.562	1	A
Chlordane	ND		ug/kg	14.2	5.64	1	A

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-16 Date Collected: 10/08/25 11:05

Client ID: GZ-03 (2.5-4.5') Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**367**	Q	30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	51		30-150	B
Decachlorobiphenyl	57		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-16
Client ID: GZ-03 (2.5-4.5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Date Collected: 10/08/25 11:05
Date Received: 10/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 10/13/25 13:01
Analyst: EJL
Percent Solids: 93%
Methylation Date: 10/12/25 22:40
Extraction Method: EPA 8151A
Extraction Date: 10/10/25 22:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	178	11.2	1	A
2,4,5-T	ND		ug/kg	178	5.51	1	A
2,4,5-TP (Silvex)	ND		ug/kg	178	4.73	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	98		30-150	A
DCAA	84		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-17
Client ID: GZ-04 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Date Collected: 10/08/25 10:30
Date Received: 10/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/10/25 10:29
Analyst: PEG
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 10/10/25 00:26
Cleanup Method: EPA 3620B
Cleanup Date: 10/10/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/10/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.68	0.330	1	A
Lindane	ND		ug/kg	0.702	0.314	1	A
Alpha-BHC	ND		ug/kg	0.702	0.199	1	A
Beta-BHC	ND		ug/kg	1.68	0.639	1	A
Heptachlor	ND		ug/kg	0.843	0.378	1	A
Aldrin	ND		ug/kg	1.68	0.594	1	A
Heptachlor epoxide	ND		ug/kg	3.16	0.948	1	A
Endrin	ND		ug/kg	0.702	0.288	1	A
Endrin aldehyde	ND		ug/kg	2.11	0.737	1	A
Endrin ketone	ND		ug/kg	1.68	0.434	1	A
Dieldrin	ND		ug/kg	1.05	0.527	1	A
4,4'-DDE	ND		ug/kg	1.68	0.390	1	A
4,4'-DDD	ND		ug/kg	1.68	0.601	1	A
4,4'-DDT	ND		ug/kg	1.68	1.36	1	A
Endosulfan I	ND		ug/kg	1.68	0.398	1	A
Endosulfan II	ND		ug/kg	1.68	0.563	1	A
Endosulfan sulfate	ND		ug/kg	0.702	0.334	1	A
Methoxychlor	ND		ug/kg	3.16	0.983	1	A
Toxaphene	ND		ug/kg	31.6	8.85	1	A
cis-Chlordane	ND		ug/kg	2.11	0.587	1	A
trans-Chlordane	ND		ug/kg	2.11	0.556	1	A
Chlordane	ND		ug/kg	14.0	5.58	1	A

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-17 Date Collected: 10/08/25 10:30

Client ID: GZ-04 (0-2') Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	121		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-17
Client ID: GZ-04 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/08/25 10:30
Date Received: 10/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 10/13/25 13:20
Analyst: EJL
Percent Solids: 94%
Methylation Date: 10/12/25 22:40

Extraction Method: EPA 8151A
Extraction Date: 10/10/25 22:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	175	11.0	1	A
2,4,5-T	ND		ug/kg	175	5.43	1	A
2,4,5-TP (Silvex)	ND		ug/kg	175	4.66	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	93		30-150	A
DCAA	85		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Lab Number: L2563358
Project Number: 41.0163476.00
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-18
Client ID: GZ-04 (3-5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/08/25 10:35
Date Received: 10/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 10/13/25 13:40
Analyst: EJL
Percent Solids: 95%
Methylation Date: 10/12/25 22:40

Extraction Method: EPA 8151A
Extraction Date: 10/10/25 22:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	171	10.8	1	A
2,4,5-T	ND		ug/kg	171	5.31	1	A
2,4,5-TP (Silvex)	ND		ug/kg	171	4.55	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	81		30-150	A
DCAA	88		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-18 D
Client ID: GZ-04 (3-5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/08/25 10:35
Date Received: 10/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/11/25 12:54
Analyst: JAG
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 10/10/25 00:26
Cleanup Method: EPA 3620B
Cleanup Date: 10/10/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/10/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	16.7	3.27	10	A
Lindane	ND		ug/kg	6.97	3.11	10	A
Alpha-BHC	ND		ug/kg	6.97	1.98	10	A
Beta-BHC	ND		ug/kg	16.7	6.34	10	A
Heptachlor	ND		ug/kg	8.36	3.75	10	A
Aldrin	ND		ug/kg	16.7	5.89	10	A
Heptachlor epoxide	ND		ug/kg	31.3	9.40	10	A
Endrin	ND		ug/kg	6.97	2.86	10	A
Endrin aldehyde	ND		ug/kg	20.9	7.31	10	A
Endrin ketone	ND		ug/kg	16.7	4.30	10	A
Dieldrin	ND		ug/kg	10.4	5.22	10	A
4,4'-DDE	ND		ug/kg	16.7	3.87	10	A
4,4'-DDD	ND		ug/kg	16.7	5.96	10	A
4,4'-DDT	ND		ug/kg	16.7	13.4	10	A
Endosulfan I	ND		ug/kg	16.7	3.95	10	A
Endosulfan II	ND		ug/kg	16.7	5.59	10	A
Endosulfan sulfate	ND		ug/kg	6.97	3.32	10	A
Methoxychlor	ND		ug/kg	31.3	9.75	10	A
Toxaphene	ND		ug/kg	313	87.8	10	A
cis-Chlordane	ND		ug/kg	20.9	5.82	10	A
trans-Chlordane	ND		ug/kg	20.9	5.52	10	A
Chlordane	ND		ug/kg	139	55.4	10	A

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-18 D Date Collected: 10/08/25 10:35

Client ID: GZ-04 (3-5') Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	143		30-150	A
Decachlorobiphenyl	**291**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	49		30-150	B
Decachlorobiphenyl	**307**	Q	30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-19
Client ID: GZ-08 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/08/25 08:50
Date Received: 10/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/10/25 10:54
Analyst: PEG
Percent Solids: 97%

Extraction Method: EPA 3546
Extraction Date: 10/10/25 00:26
Cleanup Method: EPA 3620B
Cleanup Date: 10/10/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/10/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.60	0.314	1	A
Lindane	ND		ug/kg	0.668	0.298	1	A
Alpha-BHC	ND		ug/kg	0.668	0.190	1	A
Beta-BHC	ND		ug/kg	1.60	0.608	1	A
Heptachlor	ND		ug/kg	0.801	0.359	1	A
Aldrin	ND		ug/kg	1.60	0.564	1	A
Heptachlor epoxide	ND		ug/kg	3.00	0.901	1	A
Endrin	ND		ug/kg	0.668	0.274	1	A
Endrin aldehyde	ND		ug/kg	2.00	0.701	1	A
Endrin ketone	ND		ug/kg	1.60	0.412	1	A
Dieldrin	ND		ug/kg	1.00	0.501	1	A
4,4'-DDE	ND		ug/kg	1.60	0.370	1	A
4,4'-DDD	ND		ug/kg	1.60	0.571	1	A
4,4'-DDT	ND		ug/kg	1.60	1.29	1	A
Endosulfan I	ND		ug/kg	1.60	0.378	1	A
Endosulfan II	ND		ug/kg	1.60	0.535	1	A
Endosulfan sulfate	ND		ug/kg	0.668	0.318	1	A
Methoxychlor	ND		ug/kg	3.00	0.935	1	A
Toxaphene	ND		ug/kg	30.0	8.41	1	A
cis-Chlordane	ND		ug/kg	2.00	0.558	1	A
trans-Chlordane	ND		ug/kg	2.00	0.529	1	A
Chlordane	ND		ug/kg	13.4	5.31	1	A

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-19 Date Collected: 10/08/25 08:50

Client ID: GZ-08 (0-2') Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	97		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	97		30-150	B
Decachlorobiphenyl	99		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Lab Number: L2563358
Project Number: 41.0163476.00
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-19
Client ID: GZ-08 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/08/25 08:50
Date Received: 10/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 10/13/25 13:59
Analyst: EJL
Percent Solids: 97%
Methylation Date: 10/12/25 22:40

Extraction Method: EPA 8151A
Extraction Date: 10/10/25 22:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	169	10.6	1	A
2,4,5-T	ND		ug/kg	169	5.23	1	A
2,4,5-TP (Silvex)	ND		ug/kg	169	4.49	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	92		30-150	A
DCAA	83		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-20
Client ID: GZ-08 (2.5-4.5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/08/25 08:55
Date Received: 10/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/10/25 11:06
Analyst: PEG
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 10/10/25 00:26
Cleanup Method: EPA 3620B
Cleanup Date: 10/10/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/10/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.64	0.321	1	A
Lindane	ND		ug/kg	0.683	0.305	1	A
Alpha-BHC	ND		ug/kg	0.683	0.194	1	A
Beta-BHC	ND		ug/kg	1.64	0.622	1	A
Heptachlor	ND		ug/kg	0.820	0.368	1	A
Aldrin	ND		ug/kg	1.64	0.577	1	A
Heptachlor epoxide	ND		ug/kg	3.07	0.922	1	A
Endrin	ND		ug/kg	0.683	0.280	1	A
Endrin aldehyde	ND		ug/kg	2.05	0.717	1	A
Endrin ketone	ND		ug/kg	1.64	0.422	1	A
Dieldrin	ND		ug/kg	1.02	0.512	1	A
4,4'-DDE	ND		ug/kg	1.64	0.379	1	A
4,4'-DDD	ND		ug/kg	1.64	0.585	1	A
4,4'-DDT	ND		ug/kg	1.64	1.32	1	A
Endosulfan I	ND		ug/kg	1.64	0.387	1	A
Endosulfan II	ND		ug/kg	1.64	0.548	1	A
Endosulfan sulfate	ND		ug/kg	0.683	0.325	1	A
Methoxychlor	ND		ug/kg	3.07	0.956	1	A
Toxaphene	ND		ug/kg	30.7	8.61	1	A
cis-Chlordane	ND		ug/kg	2.05	0.571	1	A
trans-Chlordane	ND		ug/kg	2.05	0.541	1	A
Chlordane	ND		ug/kg	13.7	5.43	1	A

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-20 Date Collected: 10/08/25 08:55

Client ID: GZ-08 (2.5-4.5') Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	103		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	91		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-20
Client ID: GZ-08 (2.5-4.5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Date Collected: 10/08/25 08:55
Date Received: 10/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 10/13/25 14:19
Analyst: EJL
Percent Solids: 94%
Methylation Date: 10/12/25 22:40
Extraction Method: EPA 8151A
Extraction Date: 10/10/25 22:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	177	11.1	1	A
2,4,5-T	ND		ug/kg	177	5.48	1	A
2,4,5-TP (Silvex)	ND		ug/kg	177	4.70	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	86		30-150	A
DCAA	78		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-21
Client ID: GZ-09 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/08/25 11:25
Date Received: 10/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/10/25 11:19
Analyst: PEG
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 10/10/25 01:09
Cleanup Method: EPA 3620B
Cleanup Date: 10/10/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/10/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.60	0.313	1	A
Lindane	ND		ug/kg	0.666	0.298	1	A
Alpha-BHC	ND		ug/kg	0.666	0.189	1	A
Beta-BHC	ND		ug/kg	1.60	0.606	1	A
Heptachlor	ND		ug/kg	0.799	0.358	1	A
Aldrin	ND		ug/kg	1.60	0.563	1	A
Heptachlor epoxide	ND		ug/kg	3.00	0.899	1	A
Endrin	ND		ug/kg	0.666	0.273	1	A
Endrin aldehyde	ND		ug/kg	2.00	0.699	1	A
Endrin ketone	ND		ug/kg	1.60	0.412	1	A
Dieldrin	ND		ug/kg	0.999	0.500	1	A
4,4'-DDE	1.62	IP	ug/kg	1.60	0.370	1	B
4,4'-DDD	ND		ug/kg	1.60	0.570	1	A
4,4'-DDT	3.89		ug/kg	1.60	1.28	1	B
Endosulfan I	ND		ug/kg	1.60	0.378	1	A
Endosulfan II	ND		ug/kg	1.60	0.534	1	A
Endosulfan sulfate	ND		ug/kg	0.666	0.317	1	A
Methoxychlor	ND		ug/kg	3.00	0.932	1	A
Toxaphene	ND		ug/kg	30.0	8.39	1	A
cis-Chlordane	ND		ug/kg	2.00	0.557	1	A
trans-Chlordane	ND		ug/kg	2.00	0.527	1	A
Chlordane	ND		ug/kg	13.3	5.29	1	A

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-21 Date Collected: 10/08/25 11:25

Client ID: GZ-09 (0-2') Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	119		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-21
Client ID: GZ-09 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/08/25 11:25
Date Received: 10/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 10/13/25 14:38
Analyst: EJL
Percent Solids: 96%
Methylation Date: 10/12/25 22:40

Extraction Method: EPA 8151A
Extraction Date: 10/10/25 22:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	172	10.8	1	A
2,4,5-T	ND		ug/kg	172	5.32	1	A
2,4,5-TP (Silvex)	ND		ug/kg	172	4.56	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	91		30-150	A
DCAA	84		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-22
Client ID: GZ-09 (2.5-4.5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/08/25 11:30
Date Received: 10/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/10/25 11:56
Analyst: PEG
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 10/10/25 01:09
Cleanup Method: EPA 3620B
Cleanup Date: 10/10/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/10/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.66	0.325	1	A
Lindane	ND		ug/kg	0.691	0.309	1	A
Alpha-BHC	ND		ug/kg	0.691	0.196	1	A
Beta-BHC	ND		ug/kg	1.66	0.629	1	A
Heptachlor	ND		ug/kg	0.829	0.372	1	A
Aldrin	ND		ug/kg	1.66	0.584	1	A
Heptachlor epoxide	ND		ug/kg	3.11	0.933	1	A
Endrin	ND		ug/kg	0.691	0.283	1	A
Endrin aldehyde	ND		ug/kg	2.07	0.725	1	A
Endrin ketone	ND		ug/kg	1.66	0.427	1	A
Dieldrin	ND		ug/kg	1.04	0.518	1	A
4,4'-DDE	ND		ug/kg	1.66	0.383	1	A
4,4'-DDD	ND		ug/kg	1.66	0.591	1	A
4,4'-DDT	ND		ug/kg	1.66	1.33	1	A
Endosulfan I	ND		ug/kg	1.66	0.392	1	A
Endosulfan II	ND		ug/kg	1.66	0.554	1	A
Endosulfan sulfate	ND		ug/kg	0.691	0.329	1	A
Methoxychlor	ND		ug/kg	3.11	0.967	1	A
Toxaphene	ND		ug/kg	31.1	8.70	1	A
cis-Chlordane	ND		ug/kg	2.07	0.578	1	A
trans-Chlordane	ND		ug/kg	2.07	0.547	1	A
Chlordane	ND		ug/kg	13.8	5.49	1	A

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-22 Date Collected: 10/08/25 11:30

Client ID: GZ-09 (2.5-4.5') Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	114		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	107		30-150	B
Decachlorobiphenyl	97		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-22
Client ID: GZ-09 (2.5-4.5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Date Collected: 10/08/25 11:30
Date Received: 10/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 10/13/25 15:37
Analyst: EJL
Percent Solids: 93%
Methylation Date: 10/12/25 22:40

Extraction Method: EPA 8151A
Extraction Date: 10/10/25 22:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	178	11.2	1	A
2,4,5-T	ND		ug/kg	178	5.52	1	A
2,4,5-TP (Silvex)	ND		ug/kg	178	4.74	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	86		30-150	A
DCAA	80		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-23
Client ID: DUPLICATE-2028-10-08
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Date Collected: 10/08/25 00:00
Date Received: 10/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 10/14/25 15:35
Analyst: EJL
Percent Solids: 95%
Methylation Date: 10/14/25 02:45

Extraction Method: EPA 8151A
Extraction Date: 10/13/25 11:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	172	10.9	1	A
2,4,5-T	ND		ug/kg	172	5.35	1	A
2,4,5-TP (Silvex)	ND		ug/kg	172	4.59	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	44		30-150	A
DCAA	47		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-23 D
Client ID: DUPLICATE-2028-10-08
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Date Collected: 10/08/25 00:00
Date Received: 10/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/11/25 13:06
Analyst: JAG
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 10/10/25 01:09
Cleanup Method: EPA 3620B
Cleanup Date: 10/10/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/10/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	15.9	3.12	10	A
Lindane	ND		ug/kg	6.63	2.96	10	A
Alpha-BHC	ND		ug/kg	6.63	1.88	10	A
Beta-BHC	ND		ug/kg	15.9	6.03	10	A
Heptachlor	ND		ug/kg	7.96	3.57	10	A
Aldrin	ND		ug/kg	15.9	5.60	10	A
Heptachlor epoxide	ND		ug/kg	29.8	8.95	10	A
Endrin	ND		ug/kg	6.63	2.72	10	A
Endrin aldehyde	ND		ug/kg	19.9	6.96	10	A
Endrin ketone	ND		ug/kg	15.9	4.10	10	A
Dieldrin	ND		ug/kg	9.95	4.97	10	A
4,4'-DDE	ND		ug/kg	15.9	3.68	10	A
4,4'-DDD	ND		ug/kg	15.9	5.68	10	A
4,4'-DDT	ND		ug/kg	15.9	12.8	10	A
Endosulfan I	ND		ug/kg	15.9	3.76	10	A
Endosulfan II	ND		ug/kg	15.9	5.32	10	A
Endosulfan sulfate	ND		ug/kg	6.63	3.16	10	A
Methoxychlor	ND		ug/kg	29.8	9.28	10	A
Toxaphene	ND		ug/kg	298	83.6	10	A
cis-Chlordane	ND		ug/kg	19.9	5.54	10	A
trans-Chlordane	ND		ug/kg	19.9	5.25	10	A
Chlordane	ND		ug/kg	133	52.7	10	A

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-23 D Date Collected: 10/08/25 00:00

Client ID: DUPLICATE-2028-10-08 Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**217**	Q	30-150	A
Decachlorobiphenyl	80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-26
Client ID: FIELD BLANK
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY

Date Collected: 10/08/25 12:15
Date Received: 10/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 10/14/25 13:39
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 10/13/25 04:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.006	1	A
Lindane	ND		ug/l	0.014	0.005	1	A
Alpha-BHC	ND		ug/l	0.014	0.006	1	A
Beta-BHC	ND		ug/l	0.020	0.014	1	A
Heptachlor	ND		ug/l	0.014	0.005	1	A
Aldrin	ND		ug/l	0.014	0.005	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.005	1	A
Endrin	ND		ug/l	0.029	0.008	1	A
Endrin aldehyde	ND		ug/l	0.030	0.018	1	A
Endrin ketone	ND		ug/l	0.029	0.014	1	A
Dieldrin	ND		ug/l	0.029	0.004	1	A
4,4'-DDE	ND		ug/l	0.029	0.010	1	A
4,4'-DDD	ND		ug/l	0.029	0.010	1	A
4,4'-DDT	ND		ug/l	0.029	0.024	1	A
Endosulfan I	ND		ug/l	0.014	0.005	1	A
Endosulfan II	ND		ug/l	0.029	0.008	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.007	1	A
Methoxychlor	ND		ug/l	0.143	0.014	1	A
Toxaphene	ND		ug/l	0.200	0.150	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.011	1	A
Chlordane	ND		ug/l	0.143	0.098	1	A

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-26 Date Collected: 10/08/25 12:15

Client ID: FIELD BLANK Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Lab Number: L2563358
Project Number: 41.0163476.00
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-26
Client ID: FIELD BLANK
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Date Collected: 10/08/25 12:15
Date Received: 10/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 10/10/25 17:56
Analyst: JAG
Extraction Method: EPA 8151A
Extraction Date: 10/09/25 14:08

Methylation Date: 10/10/25 01:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	77		30-150	A
DCAA	70		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 10/09/25 11:35
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 10/08/25 14:20

Methylation Date: 10/08/25 23:43

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 26 Batch: WG2125255-1						
2,4-D	ND		ug/l	10.0	0.498	A
2,4,5-T	ND		ug/l	2.00	0.531	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	85		30-150	A
DCAA	86		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 10/09/25 21:06
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 10/08/25 17:28

Methylation Date: 10/09/25 17:30

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01-10 Batch: WG2125362-1						
2,4-D	ND		ug/kg	163	10.3	A
2,4,5-T	ND		ug/kg	163	5.05	A
2,4,5-TP (Silvex)	ND		ug/kg	163	4.33	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	94		30-150	A
DCAA	85		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/10/25 09:02
Analyst: PEG

Extraction Method: EPA 3546
Extraction Date: 10/10/25 00:26
Cleanup Method: EPA 3620B
Cleanup Date: 10/10/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/10/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 13-23 Batch: WG2126007-1						
Delta-BHC	ND		ug/kg	1.56	0.306	A
Lindane	ND		ug/kg	0.651	0.291	A
Alpha-BHC	ND		ug/kg	0.651	0.185	A
Beta-BHC	ND		ug/kg	1.56	0.592	A
Heptachlor	ND		ug/kg	0.781	0.350	A
Aldrin	ND		ug/kg	1.56	0.550	A
Heptachlor epoxide	ND		ug/kg	2.93	0.878	A
Endrin	ND		ug/kg	0.651	0.267	A
Endrin aldehyde	ND		ug/kg	1.95	0.683	A
Endrin ketone	ND		ug/kg	1.56	0.402	A
Dieldrin	ND		ug/kg	0.976	0.488	A
4,4'-DDE	ND		ug/kg	1.56	0.361	A
4,4'-DDD	ND		ug/kg	1.56	0.557	A
4,4'-DDT	ND		ug/kg	1.56	1.26	A
Endosulfan I	ND		ug/kg	1.56	0.369	A
Endosulfan II	ND		ug/kg	1.56	0.522	A
Endosulfan sulfate	ND		ug/kg	0.651	0.310	A
Methoxychlor	ND		ug/kg	2.93	0.911	A
Toxaphene	ND		ug/kg	29.3	8.20	A
cis-Chlordane	ND		ug/kg	1.95	0.544	A
trans-Chlordane	ND		ug/kg	1.95	0.515	A
Chlordane	ND		ug/kg	13.0	5.17	A

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/10/25 09:02
Analyst: PEG

Extraction Method: EPA 3546
Extraction Date: 10/10/25 00:26
Cleanup Method: EPA 3620B
Cleanup Date: 10/10/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/10/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 13-23 Batch: WG2126007-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	101		30-150	A
Decachlorobiphenyl	86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	99		30-150	B
Decachlorobiphenyl	121		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/11/25 14:55
Analyst: PEG

Extraction Method: EPA 3546
Extraction Date: 10/10/25 02:58
Cleanup Method: EPA 3620B
Cleanup Date: 10/11/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/11/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-10 Batch: WG2126051-1						
Delta-BHC	ND		ug/kg	1.55	0.304	A
Lindane	ND		ug/kg	0.646	0.289	A
Alpha-BHC	ND		ug/kg	0.646	0.184	A
Beta-BHC	ND		ug/kg	1.55	0.588	A
Heptachlor	ND		ug/kg	0.776	0.348	A
Aldrin	ND		ug/kg	1.55	0.546	A
Heptachlor epoxide	ND		ug/kg	2.91	0.873	A
Endrin	ND		ug/kg	0.646	0.265	A
Endrin aldehyde	ND		ug/kg	1.94	0.679	A
Endrin ketone	ND		ug/kg	1.55	0.399	A
Dieldrin	ND		ug/kg	0.970	0.485	A
4,4'-DDE	ND		ug/kg	1.55	0.359	A
4,4'-DDD	ND		ug/kg	1.55	0.553	A
4,4'-DDT	ND		ug/kg	1.55	1.25	A
Endosulfan I	ND		ug/kg	1.55	0.366	A
Endosulfan II	ND		ug/kg	1.55	0.518	A
Endosulfan sulfate	ND		ug/kg	0.646	0.308	A
Methoxychlor	ND		ug/kg	2.91	0.905	A
Toxaphene	ND		ug/kg	29.1	8.14	A
cis-Chlordane	ND		ug/kg	1.94	0.540	A
trans-Chlordane	ND		ug/kg	1.94	0.512	A
Chlordane	ND		ug/kg	12.9	5.14	A

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/11/25 14:55
Analyst: PEG

Extraction Method: EPA 3546
Extraction Date: 10/10/25 02:58
Cleanup Method: EPA 3620B
Cleanup Date: 10/11/25
Cleanup Method: EPA 3660B
Cleanup Date: 10/11/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-10 Batch: WG2126051-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	92		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	93		30-150	B
Decachlorobiphenyl	87		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 10/13/25 08:16
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 10/10/25 22:11

Methylation Date: 10/12/25 22:40

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 13-22 Batch: WG2126466-1						
2,4-D	ND		ug/kg	162	10.2	A
2,4,5-T	ND		ug/kg	162	5.01	A
2,4,5-TP (Silvex)	ND		ug/kg	162	4.30	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	89		30-150	A
DCAA	83		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/14/25 13:28
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 10/13/25 04:31

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 26 Batch: WG2126919-1						
Delta-BHC	ND		ug/l	0.014	0.006	A
Lindane	ND		ug/l	0.014	0.005	A
Alpha-BHC	ND		ug/l	0.014	0.006	A
Beta-BHC	ND		ug/l	0.020	0.014	A
Heptachlor	ND		ug/l	0.014	0.005	A
Aldrin	ND		ug/l	0.014	0.005	A
Heptachlor epoxide	ND		ug/l	0.014	0.005	A
Endrin	ND		ug/l	0.029	0.008	A
Endrin aldehyde	ND		ug/l	0.030	0.018	A
Endrin ketone	ND		ug/l	0.029	0.014	A
Dieldrin	ND		ug/l	0.029	0.004	A
4,4'-DDE	ND		ug/l	0.029	0.010	A
4,4'-DDD	ND		ug/l	0.029	0.010	A
4,4'-DDT	ND		ug/l	0.029	0.024	A
Endosulfan I	ND		ug/l	0.014	0.005	A
Endosulfan II	ND		ug/l	0.029	0.008	A
Endosulfan sulfate	ND		ug/l	0.029	0.007	A
Methoxychlor	ND		ug/l	0.143	0.014	A
Toxaphene	ND		ug/l	0.200	0.150	A
cis-Chlordane	ND		ug/l	0.020	0.007	A
trans-Chlordane	ND		ug/l	0.020	0.011	A
Chlordane	ND		ug/l	0.143	0.098	A

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/14/25 13:28
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 10/13/25 04:31

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 26 Batch: WG2126919-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	89		30-150	B

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 10/14/25 13:43
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 10/13/25 11:55

Methylation Date: 10/14/25 02:45

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 23 Batch: WG2127147-1						
2,4-D	ND		ug/kg	165	10.4	A
2,4,5-T	ND		ug/kg	165	5.11	A
2,4,5-TP (Silvex)	ND		ug/kg	165	4.38	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	77		30-150	A
DCAA	78		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 26 Batch: WG2125255-2 WG2125255-3									
2,4-D	83		81		30-150	2		25	A
2,4,5-T	91		94		30-150	3		25	A
2,4,5-TP (Silvex)	93		119		30-150	25		25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	80		81		30-150	A
DCAA	95		95		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-10 Batch: WG2125362-2 WG2125362-3									
2,4-D	102		106		30-150	4		30	A
2,4,5-T	102		105		30-150	3		30	A
2,4,5-TP (Silvex)	99		101		30-150	2		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	96		95		30-150	A
DCAA	93		90		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 13-23 Batch: WG2126007-2 WG2126007-3									
Delta-BHC	111		126		30-150	13		30	A
Lindane	113		125		30-150	10		30	A
Alpha-BHC	111		122		30-150	9		30	A
Beta-BHC	116		129		30-150	11		30	A
Heptachlor	117		127		30-150	8		30	A
Aldrin	117		128		30-150	9		30	A
Heptachlor epoxide	111		122		30-150	9		30	A
Endrin	124		135		30-150	8		30	A
Endrin aldehyde	116		129		30-150	11		30	A
Endrin ketone	128		141		30-150	10		30	A
Dieldrin	127		138		30-150	8		30	A
4,4'-DDE	123		133		30-150	8		30	A
4,4'-DDD	128		141		30-150	10		30	A
4,4'-DDT	131		143		30-150	9		30	A
Endosulfan I	122		134		30-150	9		30	A
Endosulfan II	147		**163**	Q	30-150	10		30	A
Endosulfan sulfate	121		134		30-150	10		30	A
Methoxychlor	138		**152**	Q	30-150	10		30	A
cis-Chlordane	114		124		30-150	8		30	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 13-23 Batch: WG2126007-2 WG2126007-3									
trans-Chlordane	113		123		30-150	8		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	116		119		30-150	A
Decachlorobiphenyl	87		96		30-150	A
2,4,5,6-Tetrachloro-m-xylene	113		116		30-150	B
Decachlorobiphenyl	138		144		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-10 Batch: WG2126051-2 WG2126051-3									
Delta-BHC	99		101		30-150	2		30	A
Lindane	102		105		30-150	3		30	A
Alpha-BHC	96		99		30-150	3		30	A
Beta-BHC	104		107		30-150	3		30	A
Heptachlor	100		103		30-150	3		30	A
Aldrin	96		99		30-150	3		30	A
Heptachlor epoxide	95		97		30-150	2		30	A
Endrin	105		108		30-150	3		30	A
Endrin aldehyde	87		90		30-150	3		30	A
Endrin ketone	101		108		30-150	7		30	A
Dieldrin	100		103		30-150	3		30	A
4,4'-DDE	95		98		30-150	3		30	A
4,4'-DDD	112		116		30-150	4		30	A
4,4'-DDT	97		103		30-150	6		30	A
Endosulfan I	98		101		30-150	3		30	A
Endosulfan II	120		125		30-150	4		30	A
Endosulfan sulfate	97		102		30-150	5		30	A
Methoxychlor	107		114		30-150	6		30	A
cis-Chlordane	89		92		30-150	3		30	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-10 Batch: WG2126051-2 WG2126051-3									
trans-Chlordane	94		97		30-150	3		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	89		92		30-150	A
Decachlorobiphenyl	82		90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	92		94		30-150	B
Decachlorobiphenyl	88		94		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 13-22 Batch: WG2126466-2 WG2126466-3									
2,4-D	94		97		30-150	3		30	A
2,4,5-T	98		87		30-150	12		30	A
2,4,5-TP (Silvex)	94		83		30-150	12		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	91		84		30-150	A
DCAA	93		84		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 26 Batch: WG2126919-2 WG2126919-3									
Delta-BHC	90		88		30-150	2		20	A
Lindane	110		108		30-150	2		20	A
Alpha-BHC	98		96		30-150	2		20	A
Beta-BHC	113		111		30-150	2		20	A
Heptachlor	103		103		30-150	0		20	A
Aldrin	96		98		30-150	3		20	A
Heptachlor epoxide	112		111		30-150	1		20	A
Endrin	114		113		30-150	1		20	A
Endrin aldehyde	95		97		30-150	2		20	A
Endrin ketone	80		114		30-150	**35**	Q	20	A
Dieldrin	116		115		30-150	1		20	A
4,4'-DDE	108		110		30-150	2		20	A
4,4'-DDD	114		116		30-150	2		20	A
4,4'-DDT	121		119		30-150	2		20	A
Endosulfan I	116		112		30-150	4		20	A
Endosulfan II	110		134		30-150	20		20	A
Endosulfan sulfate	137		107		30-150	**25**	Q	20	A
Methoxychlor	135		127		30-150	6		20	A
cis-Chlordane	95		101		30-150	6		20	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 26 Batch: WG2126919-2 WG2126919-3									
trans-Chlordane	109		104		30-150	5		20	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	97		92		30-150	A
Decachlorobiphenyl	87		93		30-150	A
2,4,5,6-Tetrachloro-m-xylene	89		85		30-150	B
Decachlorobiphenyl	104		101		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 23 Batch: WG2127147-2 WG2127147-3									
2,4-D	71		67		30-150	6		30	A
2,4,5-T	75		72		30-150	4		30	A
2,4,5-TP (Silvex)	69		66		30-150	4		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	78		75		30-150	A
DCAA	87		83		30-150	B

Matrix Spike Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 13-23 QC Batch ID: WG2126007-6 WG2126007-7 QC Sample: L2563358-21 Client ID: GZ-09 (0-2')													
Delta-BHC	ND	34	41.8P	123		38.8	118		30-150	7		50	A
Lindane	ND	34	46.5	137		41.1	125		30-150	12		50	A
Alpha-BHC	ND	34	45.9	135		41.3	126		30-150	11		50	A
Beta-BHC	ND	34	36.6	108		33.7	103		30-150	8		50	A
Heptachlor	ND	34	41.4P	122		39.0	119		30-150	6		50	A
Aldrin	ND	34	42.5	125		39.4	120		30-150	8		50	A
Heptachlor epoxide	ND	34	39.9	117		36.9	112		30-150	8		50	A
Endrin	ND	34	41.0	121		38.9	119		30-150	5		50	A
Endrin aldehyde	ND	34	41.5	122		42.0	128		30-150	1		50	A
Endrin ketone	ND	34	36.4	107		35.3	108		30-150	3		50	A
Dieldrin	ND	34	42.9	126		41.4	126		30-150	4		50	A
4,4'-DDE	1.62IP	34	30.0	83		30.6	88		30-150	2		50	B
4,4'-DDD	ND	34	42.2	124		40.4	123		30-150	4		50	A
4,4'-DDT	3.89	34	28.9	74		30.0	80		30-150	4		50	B
Endosulfan I	ND	34	42.9	126		40.2	122		30-150	6		50	A
Endosulfan II	ND	34	49.1P	144		45.9	140		30-150	7		50	A
Endosulfan sulfate	ND	34	48.6P	143		43.3P	132		30-150	12		50	A
Methoxychlor	ND	34	47.6P	140		44.4P	135		30-150	7		50	A
cis-Chlordane	ND	34	37.0	109		36.0	110		30-150	3		50	A

Matrix Spike Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 13-23 QC Batch ID: WG2126007-6 WG2126007-7 QC Sample: L2563358-21 Client ID: GZ-09 (0-2')													
trans-Chlordane	ND	34	38.1P	112		36.1P	110		30-150	5		50	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	112		109		30-150	A
Decachlorobiphenyl	70		74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		77		30-150	B
Decachlorobiphenyl	66		74		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 13-22 QC Batch ID: WG2126466-4 WG2126466-5 QC Sample: L2563358-21 Client ID: GZ-09 (0-2')													
2,4-D	ND	171	160J	94		144J	84		30-150	11		30	A
2,4,5-T	ND	171	157J	92		147J	86		30-150	7		30	A
2,4,5-TP (Silvex)	ND	171	152J	89		142J	83		30-150	7		30	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
DCAA	91		83		30-150	A
DCAA	91		85		30-150	B

METALS

Project Name: OCEAN BAY REDEVELOPMENT
Lab Number: L2563358
Project Number: 41.0163476.00
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-01
Client ID: GZ-02 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Sample Depth:
Matrix: Soil
Percent Solids: 92%

Date Collected: 10/07/25 12:10
Date Received: 10/07/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3820		mg/kg	8.41	2.73	2	10/09/25 22:03	10/14/25 12:25	EPA 3050B	1,6010D	EFM
Antimony, Total	ND		mg/kg	4.20	3.24	2	10/09/25 22:03	10/14/25 12:25	EPA 3050B	1,6010D	EFM
Arsenic, Total	2.67		mg/kg	0.841	0.363	2	10/09/25 22:03	10/14/25 12:25	EPA 3050B	1,6010D	EFM
Barium, Total	50.3		mg/kg	0.841	0.089	2	10/09/25 22:03	10/14/25 12:25	EPA 3050B	1,6010D	EFM
Beryllium, Total	1.28		mg/kg	0.420	0.046	2	10/09/25 22:03	10/14/25 12:25	EPA 3050B	1,6010D	EFM
Cadmium, Total	0.344	J	mg/kg	0.841	0.046	2	10/09/25 22:03	10/14/25 12:25	EPA 3050B	1,6010D	EFM
Calcium, Total	8830		mg/kg	8.41	4.77	2	10/09/25 22:03	10/14/25 12:25	EPA 3050B	1,6010D	EFM
Chromium, Total	11.6		mg/kg	0.841	0.713	2	10/09/25 22:03	10/14/25 12:25	EPA 3050B	1,6010D	EFM
Cobalt, Total	5.72		mg/kg	1.68	0.208	2	10/09/25 22:03	10/14/25 12:25	EPA 3050B	1,6010D	EFM
Copper, Total	63.0		mg/kg	0.841	0.191	2	10/09/25 22:03	10/14/25 12:25	EPA 3050B	1,6010D	EFM
Iron, Total	8180		mg/kg	4.20	0.883	2	10/09/25 22:03	10/14/25 12:25	EPA 3050B	1,6010D	EFM
Lead, Total	150		mg/kg	4.20	0.200	2	10/09/25 22:03	10/14/25 12:25	EPA 3050B	1,6010D	EFM
Magnesium, Total	1920		mg/kg	8.41	1.37	2	10/09/25 22:03	10/14/25 12:25	EPA 3050B	1,6010D	EFM
Manganese, Total	93.0		mg/kg	0.841	0.451	2	10/09/25 22:03	10/14/25 12:25	EPA 3050B	1,6010D	EFM
Mercury, Total	0.093		mg/kg	0.074	0.049	1	10/09/25 22:48	10/13/25 12:30	EPA 7471B	1,7471B	JWN
Nickel, Total	11.9		mg/kg	2.10	0.679	2	10/09/25 22:03	10/14/25 12:25	EPA 3050B	1,6010D	EFM
Potassium, Total	1130		mg/kg	210	42.6	2	10/09/25 22:03	10/14/25 14:33	EPA 3050B	1,6010D	MFR
Selenium, Total	ND		mg/kg	1.68	0.276	2	10/09/25 22:03	10/14/25 12:25	EPA 3050B	1,6010D	EFM
Silver, Total	ND		mg/kg	0.420	0.250	2	10/09/25 22:03	10/14/25 12:25	EPA 3050B	1,6010D	EFM
Sodium, Total	154	J	mg/kg	168	89.1	2	10/09/25 22:03	10/14/25 14:33	EPA 3050B	1,6010D	MFR
Thallium, Total	ND		mg/kg	1.68	0.758	2	10/09/25 22:03	10/14/25 12:25	EPA 3050B	1,6010D	EFM
Vanadium, Total	17.2		mg/kg	0.841	0.127	2	10/09/25 22:03	10/14/25 12:25	EPA 3050B	1,6010D	EFM
Zinc, Total	482		mg/kg	4.20	0.509	2	10/09/25 22:03	10/14/25 12:25	EPA 3050B	1,6010D	EFM

Project Name: OCEAN BAY REDEVELOPMENT
Lab Number: L2563358
Project Number: 41.0163476.00
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-02
Client ID: GZ-02 (2.5-4.5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Sample Depth:
Matrix: Soil
Percent Solids: 94%

Date Collected: 10/07/25 12:15
Date Received: 10/07/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3650		mg/kg	8.38	2.72	2	10/09/25 22:03	10/14/25 12:30	EPA 3050B	1,6010D	EFM
Antimony, Total	ND		mg/kg	4.19	3.23	2	10/09/25 22:03	10/14/25 12:30	EPA 3050B	1,6010D	EFM
Arsenic, Total	3.00		mg/kg	0.838	0.362	2	10/09/25 22:03	10/14/25 12:30	EPA 3050B	1,6010D	EFM
Barium, Total	52.0		mg/kg	0.838	0.089	2	10/09/25 22:03	10/14/25 12:30	EPA 3050B	1,6010D	EFM
Beryllium, Total	0.271	J	mg/kg	0.419	0.046	2	10/09/25 22:03	10/14/25 12:30	EPA 3050B	1,6010D	EFM
Cadmium, Total	0.421	J	mg/kg	0.838	0.046	2	10/09/25 22:03	10/14/25 12:30	EPA 3050B	1,6010D	EFM
Calcium, Total	9330		mg/kg	8.38	4.75	2	10/09/25 22:03	10/14/25 12:30	EPA 3050B	1,6010D	EFM
Chromium, Total	12.1		mg/kg	0.838	0.711	2	10/09/25 22:03	10/14/25 12:30	EPA 3050B	1,6010D	EFM
Cobalt, Total	3.59		mg/kg	1.68	0.208	2	10/09/25 22:03	10/14/25 12:30	EPA 3050B	1,6010D	EFM
Copper, Total	42.4		mg/kg	0.838	0.190	2	10/09/25 22:03	10/14/25 12:30	EPA 3050B	1,6010D	EFM
Iron, Total	8500		mg/kg	4.19	0.880	2	10/09/25 22:03	10/14/25 12:30	EPA 3050B	1,6010D	EFM
Lead, Total	157		mg/kg	4.19	0.200	2	10/09/25 22:03	10/14/25 12:30	EPA 3050B	1,6010D	EFM
Magnesium, Total	1810		mg/kg	8.38	1.37	2	10/09/25 22:03	10/14/25 12:30	EPA 3050B	1,6010D	EFM
Manganese, Total	92.1		mg/kg	0.838	0.449	2	10/09/25 22:03	10/14/25 12:30	EPA 3050B	1,6010D	EFM
Mercury, Total	ND		mg/kg	0.072	0.047	1	10/09/25 22:48	10/13/25 12:33	EPA 7471B	1,7471B	JWN
Nickel, Total	10.0		mg/kg	2.10	0.678	2	10/09/25 22:03	10/14/25 12:30	EPA 3050B	1,6010D	EFM
Potassium, Total	936		mg/kg	210	42.5	2	10/09/25 22:03	10/14/25 14:35	EPA 3050B	1,6010D	MFR
Selenium, Total	ND		mg/kg	1.68	0.276	2	10/09/25 22:03	10/14/25 12:30	EPA 3050B	1,6010D	EFM
Silver, Total	ND		mg/kg	0.419	0.250	2	10/09/25 22:03	10/14/25 12:30	EPA 3050B	1,6010D	EFM
Sodium, Total	96.0	J	mg/kg	168	88.9	2	10/09/25 22:03	10/14/25 14:35	EPA 3050B	1,6010D	MFR
Thallium, Total	ND		mg/kg	1.68	0.756	2	10/09/25 22:03	10/14/25 12:30	EPA 3050B	1,6010D	EFM
Vanadium, Total	20.5		mg/kg	0.838	0.127	2	10/09/25 22:03	10/14/25 12:30	EPA 3050B	1,6010D	EFM
Zinc, Total	322		mg/kg	4.19	0.508	2	10/09/25 22:03	10/14/25 12:30	EPA 3050B	1,6010D	EFM

Project Name: OCEAN BAY REDEVELOPMENT
Lab Number: L2563358
Project Number: 41.0163476.00
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-03
Client ID: GZ-05 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Sample Depth:
Matrix: Soil
Percent Solids: 97%

Date Collected: 10/07/25 14:25
Date Received: 10/07/25
Field Prep: Not Specified

Total Metals - Mansfield Lab

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Aluminum, Total	1480		mg/kg	8.10	2.63	2	10/09/25 22:03	10/14/25 12:35	EPA 3050B	1,6010D	EFM
Antimony, Total	ND		mg/kg	4.05	3.12	2	10/09/25 22:03	10/14/25 12:35	EPA 3050B	1,6010D	EFM
Arsenic, Total	0.786	J	mg/kg	0.810	0.350	2	10/09/25 22:03	10/14/25 12:35	EPA 3050B	1,6010D	EFM
Barium, Total	3.67		mg/kg	0.810	0.086	2	10/09/25 22:03	10/14/25 12:35	EPA 3050B	1,6010D	EFM
Beryllium, Total	0.063	J	mg/kg	0.405	0.045	2	10/09/25 22:03	10/14/25 12:35	EPA 3050B	1,6010D	EFM
Cadmium, Total	0.049	J	mg/kg	0.810	0.045	2	10/09/25 22:03	10/14/25 12:35	EPA 3050B	1,6010D	EFM
Calcium, Total	337		mg/kg	8.10	4.60	2	10/09/25 22:03	10/14/25 12:35	EPA 3050B	1,6010D	EFM
Chromium, Total	4.98		mg/kg	0.810	0.687	2	10/09/25 22:03	10/14/25 12:35	EPA 3050B	1,6010D	EFM
Cobalt, Total	0.547	J	mg/kg	1.62	0.201	2	10/09/25 22:03	10/14/25 12:35	EPA 3050B	1,6010D	EFM
Copper, Total	4.16		mg/kg	0.810	0.184	2	10/09/25 22:03	10/14/25 12:35	EPA 3050B	1,6010D	EFM
Iron, Total	2440		mg/kg	4.05	0.851	2	10/09/25 22:03	10/14/25 12:35	EPA 3050B	1,6010D	EFM
Lead, Total	2.04	J	mg/kg	4.05	0.193	2	10/09/25 22:03	10/14/25 12:35	EPA 3050B	1,6010D	EFM
Magnesium, Total	276		mg/kg	8.10	1.32	2	10/09/25 22:03	10/14/25 12:35	EPA 3050B	1,6010D	EFM
Manganese, Total	11.9		mg/kg	0.810	0.434	2	10/09/25 22:03	10/14/25 12:35	EPA 3050B	1,6010D	EFM
Mercury, Total	ND		mg/kg	0.068	0.044	1	10/09/25 22:48	10/13/25 12:37	EPA 7471B	1,7471B	JWN
Nickel, Total	2.30		mg/kg	2.03	0.655	2	10/09/25 22:03	10/14/25 12:35	EPA 3050B	1,6010D	EFM
Potassium, Total	207		mg/kg	203	41.1	2	10/09/25 22:03	10/14/25 14:39	EPA 3050B	1,6010D	MFR
Selenium, Total	ND		mg/kg	1.62	0.267	2	10/09/25 22:03	10/14/25 12:35	EPA 3050B	1,6010D	EFM
Silver, Total	ND		mg/kg	0.405	0.242	2	10/09/25 22:03	10/14/25 12:35	EPA 3050B	1,6010D	EFM
Sodium, Total	ND		mg/kg	162	85.9	2	10/09/25 22:03	10/14/25 14:39	EPA 3050B	1,6010D	MFR
Thallium, Total	ND		mg/kg	1.62	0.731	2	10/09/25 22:03	10/14/25 12:35	EPA 3050B	1,6010D	EFM
Vanadium, Total	3.20		mg/kg	0.810	0.122	2	10/09/25 22:03	10/14/25 12:35	EPA 3050B	1,6010D	EFM
Zinc, Total	18.6		mg/kg	4.05	0.491	2	10/09/25 22:03	10/14/25 12:35	EPA 3050B	1,6010D	EFM

Project Name: OCEAN BAY REDEVELOPMENT
Lab Number: L2563358
Project Number: 41.0163476.00
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-04
Client ID: GZ-05 (2.5-4.5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Sample Depth:
Matrix: Soil
Percent Solids: 96%

Date Collected: 10/07/25 14:30
Date Received: 10/07/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	1440		mg/kg	8.21	2.67	2	10/09/25 22:03	10/14/25 12:40	EPA 3050B	1,6010D	EFM
Antimony, Total	ND		mg/kg	4.11	3.16	2	10/09/25 22:03	10/14/25 12:40	EPA 3050B	1,6010D	EFM
Arsenic, Total	2.50		mg/kg	0.821	0.355	2	10/09/25 22:03	10/14/25 12:40	EPA 3050B	1,6010D	EFM
Barium, Total	24.1		mg/kg	0.821	0.087	2	10/09/25 22:03	10/14/25 12:40	EPA 3050B	1,6010D	EFM
Beryllium, Total	0.161	J	mg/kg	0.411	0.045	2	10/09/25 22:03	10/14/25 12:40	EPA 3050B	1,6010D	EFM
Cadmium, Total	0.293	J	mg/kg	0.821	0.045	2	10/09/25 22:03	10/14/25 12:40	EPA 3050B	1,6010D	EFM
Calcium, Total	2460		mg/kg	8.21	4.66	2	10/09/25 22:03	10/14/25 12:40	EPA 3050B	1,6010D	EFM
Chromium, Total	8.25		mg/kg	0.821	0.696	2	10/09/25 22:03	10/14/25 12:40	EPA 3050B	1,6010D	EFM
Cobalt, Total	1.86		mg/kg	1.64	0.204	2	10/09/25 22:03	10/14/25 12:40	EPA 3050B	1,6010D	EFM
Copper, Total	35.8		mg/kg	0.821	0.186	2	10/09/25 22:03	10/14/25 12:40	EPA 3050B	1,6010D	EFM
Iron, Total	4760		mg/kg	4.11	0.862	2	10/09/25 22:03	10/14/25 12:40	EPA 3050B	1,6010D	EFM
Lead, Total	88.3		mg/kg	4.11	0.195	2	10/09/25 22:03	10/14/25 12:40	EPA 3050B	1,6010D	EFM
Magnesium, Total	1040		mg/kg	8.21	1.34	2	10/09/25 22:03	10/14/25 12:40	EPA 3050B	1,6010D	EFM
Manganese, Total	34.9		mg/kg	0.821	0.440	2	10/09/25 22:03	10/14/25 12:40	EPA 3050B	1,6010D	EFM
Mercury, Total	0.126		mg/kg	0.070	0.046	1	10/09/25 22:48	10/13/25 12:40	EPA 7471B	1,7471B	JWN
Nickel, Total	6.93		mg/kg	2.05	0.664	2	10/09/25 22:03	10/14/25 12:40	EPA 3050B	1,6010D	EFM
Potassium, Total	340		mg/kg	205	41.6	2	10/09/25 22:03	10/14/25 14:41	EPA 3050B	1,6010D	MFR
Selenium, Total	ND		mg/kg	1.64	0.270	2	10/09/25 22:03	10/14/25 12:40	EPA 3050B	1,6010D	EFM
Silver, Total	ND		mg/kg	0.411	0.245	2	10/09/25 22:03	10/14/25 12:40	EPA 3050B	1,6010D	EFM
Sodium, Total	173		mg/kg	164	87.0	2	10/09/25 22:03	10/14/25 14:41	EPA 3050B	1,6010D	MFR
Thallium, Total	ND		mg/kg	1.64	0.741	2	10/09/25 22:03	10/14/25 12:40	EPA 3050B	1,6010D	EFM
Vanadium, Total	10.0		mg/kg	0.821	0.124	2	10/09/25 22:03	10/14/25 12:40	EPA 3050B	1,6010D	EFM
Zinc, Total	210		mg/kg	4.11	0.498	2	10/09/25 22:03	10/14/25 12:40	EPA 3050B	1,6010D	EFM

Project Name: OCEAN BAY REDEVELOPMENT
Lab Number: L2563358
Project Number: 41.0163476.00
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-05
Client ID: GZ-12 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Sample Depth:
Matrix: Soil
Percent Solids: 96%

Date Collected: 10/07/25 14:10
Date Received: 10/07/25
Field Prep: Not Specified

Total Metals - Mansfield Lab

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Aluminum, Total	2550		mg/kg	8.07	2.62	2	10/09/25 22:03	10/14/25 12:45	EPA 3050B	1,6010D	EFM
Antimony, Total	ND		mg/kg	4.03	3.10	2	10/09/25 22:03	10/14/25 12:45	EPA 3050B	1,6010D	EFM
Arsenic, Total	3.04		mg/kg	0.807	0.348	2	10/09/25 22:03	10/14/25 12:45	EPA 3050B	1,6010D	EFM
Barium, Total	49.1		mg/kg	0.807	0.086	2	10/09/25 22:03	10/14/25 12:45	EPA 3050B	1,6010D	EFM
Beryllium, Total	1.17		mg/kg	0.403	0.044	2	10/09/25 22:03	10/14/25 12:45	EPA 3050B	1,6010D	EFM
Cadmium, Total	0.416	J	mg/kg	0.807	0.044	2	10/09/25 22:03	10/14/25 12:45	EPA 3050B	1,6010D	EFM
Calcium, Total	7950		mg/kg	8.07	4.57	2	10/09/25 22:03	10/14/25 12:45	EPA 3050B	1,6010D	EFM
Chromium, Total	14.7		mg/kg	0.807	0.684	2	10/09/25 22:03	10/14/25 12:45	EPA 3050B	1,6010D	EFM
Cobalt, Total	6.92		mg/kg	1.61	0.200	2	10/09/25 22:03	10/14/25 12:45	EPA 3050B	1,6010D	EFM
Copper, Total	104		mg/kg	0.807	0.183	2	10/09/25 22:03	10/14/25 12:45	EPA 3050B	1,6010D	EFM
Iron, Total	8640		mg/kg	4.03	0.847	2	10/09/25 22:03	10/14/25 12:45	EPA 3050B	1,6010D	EFM
Lead, Total	184		mg/kg	4.03	0.192	2	10/09/25 22:03	10/14/25 12:45	EPA 3050B	1,6010D	EFM
Magnesium, Total	1700		mg/kg	8.07	1.31	2	10/09/25 22:03	10/14/25 12:45	EPA 3050B	1,6010D	EFM
Manganese, Total	96.9		mg/kg	0.807	0.432	2	10/09/25 22:03	10/14/25 12:45	EPA 3050B	1,6010D	EFM
Mercury, Total	0.159		mg/kg	0.076	0.050	1	10/09/25 22:48	10/13/25 12:43	EPA 7471B	1,7471B	JWN
Nickel, Total	14.4		mg/kg	2.02	0.652	2	10/09/25 22:03	10/14/25 12:45	EPA 3050B	1,6010D	EFM
Potassium, Total	508		mg/kg	202	40.9	2	10/09/25 22:03	10/14/25 14:43	EPA 3050B	1,6010D	MFR
Selenium, Total	ND		mg/kg	1.61	0.265	2	10/09/25 22:03	10/14/25 12:45	EPA 3050B	1,6010D	EFM
Silver, Total	ND		mg/kg	0.403	0.240	2	10/09/25 22:03	10/14/25 12:45	EPA 3050B	1,6010D	EFM
Sodium, Total	98.1	J	mg/kg	161	85.5	2	10/09/25 22:03	10/14/25 14:43	EPA 3050B	1,6010D	MFR
Thallium, Total	ND		mg/kg	1.61	0.728	2	10/09/25 22:03	10/14/25 12:45	EPA 3050B	1,6010D	EFM
Vanadium, Total	14.7		mg/kg	0.807	0.122	2	10/09/25 22:03	10/14/25 12:45	EPA 3050B	1,6010D	EFM
Zinc, Total	600		mg/kg	4.03	0.489	2	10/09/25 22:03	10/14/25 12:45	EPA 3050B	1,6010D	EFM

Project Name: OCEAN BAY REDEVELOPMENT
Lab Number: L2563358
Project Number: 41.0163476.00
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-06
Client ID: GZ-12 (2.5-4.5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Sample Depth:
Matrix: Soil
Percent Solids: 95%

Date Collected: 10/07/25 14:15
Date Received: 10/07/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2490		mg/kg	8.21	2.67	2	10/09/25 22:03	10/14/25 12:50	EPA 3050B	1,6010D	EFM
Antimony, Total	ND		mg/kg	4.11	3.16	2	10/09/25 22:03	10/14/25 12:50	EPA 3050B	1,6010D	EFM
Arsenic, Total	2.46		mg/kg	0.821	0.355	2	10/09/25 22:03	10/14/25 12:50	EPA 3050B	1,6010D	EFM
Barium, Total	28.6		mg/kg	0.821	0.087	2	10/09/25 22:03	10/14/25 12:50	EPA 3050B	1,6010D	EFM
Beryllium, Total	0.289	J	mg/kg	0.411	0.045	2	10/09/25 22:03	10/14/25 12:50	EPA 3050B	1,6010D	EFM
Cadmium, Total	0.297	J	mg/kg	0.821	0.045	2	10/09/25 22:03	10/14/25 12:50	EPA 3050B	1,6010D	EFM
Calcium, Total	2390		mg/kg	8.21	4.66	2	10/09/25 22:03	10/14/25 12:50	EPA 3050B	1,6010D	EFM
Chromium, Total	10.4		mg/kg	0.821	0.696	2	10/09/25 22:03	10/14/25 12:50	EPA 3050B	1,6010D	EFM
Cobalt, Total	3.57		mg/kg	1.64	0.204	2	10/09/25 22:03	10/14/25 12:50	EPA 3050B	1,6010D	EFM
Copper, Total	53.3		mg/kg	0.821	0.186	2	10/09/25 22:03	10/14/25 12:50	EPA 3050B	1,6010D	EFM
Iron, Total	6930		mg/kg	4.11	0.862	2	10/09/25 22:03	10/14/25 12:50	EPA 3050B	1,6010D	EFM
Lead, Total	85.2		mg/kg	4.11	0.195	2	10/09/25 22:03	10/14/25 12:50	EPA 3050B	1,6010D	EFM
Magnesium, Total	1050		mg/kg	8.21	1.34	2	10/09/25 22:03	10/14/25 12:50	EPA 3050B	1,6010D	EFM
Manganese, Total	54.8		mg/kg	0.821	0.440	2	10/09/25 22:03	10/14/25 12:50	EPA 3050B	1,6010D	EFM
Mercury, Total	0.097		mg/kg	0.069	0.045	1	10/09/25 22:48	10/13/25 12:47	EPA 7471B	1,7471B	JWN
Nickel, Total	10.2		mg/kg	2.05	0.664	2	10/09/25 22:03	10/14/25 12:50	EPA 3050B	1,6010D	EFM
Potassium, Total	474		mg/kg	205	41.6	2	10/09/25 22:03	10/14/25 14:45	EPA 3050B	1,6010D	MFR
Selenium, Total	ND		mg/kg	1.64	0.270	2	10/09/25 22:03	10/14/25 12:50	EPA 3050B	1,6010D	EFM
Silver, Total	ND		mg/kg	0.411	0.245	2	10/09/25 22:03	10/14/25 12:50	EPA 3050B	1,6010D	EFM
Sodium, Total	ND		mg/kg	164	87.0	2	10/09/25 22:03	10/14/25 14:45	EPA 3050B	1,6010D	MFR
Thallium, Total	ND		mg/kg	1.64	0.741	2	10/09/25 22:03	10/14/25 12:50	EPA 3050B	1,6010D	EFM
Vanadium, Total	11.5		mg/kg	0.821	0.124	2	10/09/25 22:03	10/14/25 12:50	EPA 3050B	1,6010D	EFM
Zinc, Total	356		mg/kg	4.11	0.498	2	10/09/25 22:03	10/14/25 12:50	EPA 3050B	1,6010D	EFM

Project Name: OCEAN BAY REDEVELOPMENT
Lab Number: L2563358
Project Number: 41.0163476.00
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-07
Client ID: GZ-13 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Sample Depth:
Matrix: Soil
Percent Solids: 95%

Date Collected: 10/07/25 08:55
Date Received: 10/07/25
Field Prep: Not Specified

Total Metals - Mansfield Lab

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Aluminum, Total	1230		mg/kg	8.38	2.72	2	10/09/25 22:03	10/14/25 12:55	EPA 3050B	1,6010D	EFM
Antimony, Total	ND		mg/kg	4.19	3.23	2	10/09/25 22:03	10/14/25 12:55	EPA 3050B	1,6010D	EFM
Arsenic, Total	1.09		mg/kg	0.838	0.362	2	10/09/25 22:03	10/14/25 12:55	EPA 3050B	1,6010D	EFM
Barium, Total	8.30		mg/kg	0.838	0.089	2	10/09/25 22:03	10/14/25 12:55	EPA 3050B	1,6010D	EFM
Beryllium, Total	ND		mg/kg	0.419	0.046	2	10/09/25 22:03	10/14/25 12:55	EPA 3050B	1,6010D	EFM
Cadmium, Total	0.052	J	mg/kg	0.838	0.046	2	10/09/25 22:03	10/14/25 12:55	EPA 3050B	1,6010D	EFM
Calcium, Total	719		mg/kg	8.38	4.75	2	10/09/25 22:03	10/14/25 12:55	EPA 3050B	1,6010D	EFM
Chromium, Total	4.73		mg/kg	0.838	0.711	2	10/09/25 22:03	10/14/25 12:55	EPA 3050B	1,6010D	EFM
Cobalt, Total	0.955	J	mg/kg	1.68	0.208	2	10/09/25 22:03	10/14/25 12:55	EPA 3050B	1,6010D	EFM
Copper, Total	4.09		mg/kg	0.838	0.190	2	10/09/25 22:03	10/14/25 12:55	EPA 3050B	1,6010D	EFM
Iron, Total	2740		mg/kg	4.19	0.880	2	10/09/25 22:03	10/14/25 12:55	EPA 3050B	1,6010D	EFM
Lead, Total	8.96		mg/kg	4.19	0.199	2	10/09/25 22:03	10/14/25 12:55	EPA 3050B	1,6010D	EFM
Magnesium, Total	500		mg/kg	8.38	1.37	2	10/09/25 22:03	10/14/25 12:55	EPA 3050B	1,6010D	EFM
Manganese, Total	17.7		mg/kg	0.838	0.449	2	10/09/25 22:03	10/14/25 12:55	EPA 3050B	1,6010D	EFM
Mercury, Total	ND		mg/kg	0.067	0.043	1	10/09/25 22:48	10/13/25 12:50	EPA 7471B	1,7471B	JWN
Nickel, Total	2.90		mg/kg	2.10	0.677	2	10/09/25 22:03	10/14/25 12:55	EPA 3050B	1,6010D	EFM
Potassium, Total	367		mg/kg	210	42.5	2	10/09/25 22:03	10/14/25 14:48	EPA 3050B	1,6010D	MFR
Selenium, Total	ND		mg/kg	1.68	0.276	2	10/09/25 22:03	10/14/25 12:55	EPA 3050B	1,6010D	EFM
Silver, Total	ND		mg/kg	0.419	0.250	2	10/09/25 22:03	10/14/25 12:55	EPA 3050B	1,6010D	EFM
Sodium, Total	200		mg/kg	168	88.8	2	10/09/25 22:03	10/14/25 14:48	EPA 3050B	1,6010D	MFR
Thallium, Total	ND		mg/kg	1.68	0.756	2	10/09/25 22:03	10/14/25 12:55	EPA 3050B	1,6010D	EFM
Vanadium, Total	5.70		mg/kg	0.838	0.126	2	10/09/25 22:03	10/14/25 12:55	EPA 3050B	1,6010D	EFM
Zinc, Total	13.9		mg/kg	4.19	0.508	2	10/09/25 22:03	10/14/25 12:55	EPA 3050B	1,6010D	EFM

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-08 Date Collected: 10/07/25 09:00

Client ID: GZ-13 (2.5-4.5') Date Received: 10/07/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	960		mg/kg	8.23	2.68	2	10/09/25 22:03	10/14/25 13:01	EPA 3050B	1,6010D	EFM
Antimony, Total	ND		mg/kg	4.12	3.17	2	10/09/25 22:03	10/14/25 13:01	EPA 3050B	1,6010D	EFM
Arsenic, Total	0.624	J	mg/kg	0.823	0.356	2	10/09/25 22:03	10/14/25 13:01	EPA 3050B	1,6010D	EFM
Barium, Total	4.92		mg/kg	0.823	0.087	2	10/09/25 22:03	10/14/25 13:01	EPA 3050B	1,6010D	EFM
Beryllium, Total	ND		mg/kg	0.412	0.045	2	10/09/25 22:03	10/14/25 13:01	EPA 3050B	1,6010D	EFM
Cadmium, Total	0.071	J	mg/kg	0.823	0.045	2	10/09/25 22:03	10/14/25 13:01	EPA 3050B	1,6010D	EFM
Calcium, Total	246		mg/kg	8.23	4.67	2	10/09/25 22:03	10/14/25 13:01	EPA 3050B	1,6010D	EFM
Chromium, Total	3.46		mg/kg	0.823	0.698	2	10/09/25 22:03	10/14/25 13:01	EPA 3050B	1,6010D	EFM
Cobalt, Total	0.548	J	mg/kg	1.65	0.204	2	10/09/25 22:03	10/14/25 13:01	EPA 3050B	1,6010D	EFM
Copper, Total	1.66		mg/kg	0.823	0.187	2	10/09/25 22:03	10/14/25 13:01	EPA 3050B	1,6010D	EFM
Iron, Total	1720		mg/kg	4.12	0.864	2	10/09/25 22:03	10/14/25 13:01	EPA 3050B	1,6010D	EFM
Lead, Total	2.08	J	mg/kg	4.12	0.196	2	10/09/25 22:03	10/14/25 13:01	EPA 3050B	1,6010D	EFM
Magnesium, Total	328		mg/kg	8.23	1.34	2	10/09/25 22:03	10/14/25 13:01	EPA 3050B	1,6010D	EFM
Manganese, Total	13.5		mg/kg	0.823	0.441	2	10/09/25 22:03	10/14/25 13:01	EPA 3050B	1,6010D	EFM
Mercury, Total	ND		mg/kg	0.072	0.047	1	10/09/25 22:48	10/13/25 12:53	EPA 7471B	1,7471B	JWN
Nickel, Total	1.85	J	mg/kg	2.06	0.665	2	10/09/25 22:03	10/14/25 13:01	EPA 3050B	1,6010D	EFM
Potassium, Total	253		mg/kg	206	41.7	2	10/09/25 22:03	10/14/25 14:50	EPA 3050B	1,6010D	MFR
Selenium, Total	ND		mg/kg	1.65	0.271	2	10/09/25 22:03	10/14/25 13:01	EPA 3050B	1,6010D	EFM
Silver, Total	ND		mg/kg	0.412	0.245	2	10/09/25 22:03	10/14/25 13:01	EPA 3050B	1,6010D	EFM
Sodium, Total	89.5	J	mg/kg	165	87.3	2	10/09/25 22:03	10/14/25 14:50	EPA 3050B	1,6010D	MFR
Thallium, Total	ND		mg/kg	1.65	0.742	2	10/09/25 22:03	10/14/25 13:01	EPA 3050B	1,6010D	EFM
Vanadium, Total	3.63		mg/kg	0.823	0.124	2	10/09/25 22:03	10/14/25 13:01	EPA 3050B	1,6010D	EFM
Zinc, Total	6.50		mg/kg	4.12	0.499	2	10/09/25 22:03	10/14/25 13:01	EPA 3050B	1,6010D	EFM

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-09 Date Collected: 10/07/25 12:00

Client ID: GZ-14 (0-2') Date Received: 10/07/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2340		mg/kg	8.16	2.65	2	10/09/25 22:03	10/14/25 13:06	EPA 3050B	1,6010D	EFM
Antimony, Total	ND		mg/kg	4.08	3.14	2	10/09/25 22:03	10/14/25 13:06	EPA 3050B	1,6010D	EFM
Arsenic, Total	2.62		mg/kg	0.816	0.352	2	10/09/25 22:03	10/14/25 13:06	EPA 3050B	1,6010D	EFM
Barium, Total	32.5		mg/kg	0.816	0.087	2	10/09/25 22:03	10/14/25 13:06	EPA 3050B	1,6010D	EFM
Beryllium, Total	0.283	J	mg/kg	0.408	0.045	2	10/09/25 22:03	10/14/25 13:06	EPA 3050B	1,6010D	EFM
Cadmium, Total	0.352	J	mg/kg	0.816	0.045	2	10/09/25 22:03	10/14/25 13:06	EPA 3050B	1,6010D	EFM
Calcium, Total	2930		mg/kg	8.16	4.63	2	10/09/25 22:03	10/14/25 13:06	EPA 3050B	1,6010D	EFM
Chromium, Total	8.93		mg/kg	0.816	0.692	2	10/09/25 22:03	10/14/25 13:06	EPA 3050B	1,6010D	EFM
Cobalt, Total	2.54		mg/kg	1.63	0.202	2	10/09/25 22:03	10/14/25 13:06	EPA 3050B	1,6010D	EFM
Copper, Total	38.6		mg/kg	0.816	0.185	2	10/09/25 22:03	10/14/25 13:06	EPA 3050B	1,6010D	EFM
Iron, Total	7000		mg/kg	4.08	0.857	2	10/09/25 22:03	10/14/25 13:06	EPA 3050B	1,6010D	EFM
Lead, Total	120		mg/kg	4.08	0.194	2	10/09/25 22:03	10/14/25 13:06	EPA 3050B	1,6010D	EFM
Magnesium, Total	1130		mg/kg	8.16	1.33	2	10/09/25 22:03	10/14/25 13:06	EPA 3050B	1,6010D	EFM
Manganese, Total	62.5		mg/kg	0.816	0.437	2	10/09/25 22:03	10/14/25 13:06	EPA 3050B	1,6010D	EFM
Mercury, Total	0.053	J	mg/kg	0.073	0.048	1	10/09/25 22:48	10/13/25 12:57	EPA 7471B	1,7471B	JWN
Nickel, Total	7.87		mg/kg	2.04	0.659	2	10/09/25 22:03	10/14/25 13:06	EPA 3050B	1,6010D	EFM
Potassium, Total	442		mg/kg	204	41.4	2	10/09/25 22:03	10/14/25 14:52	EPA 3050B	1,6010D	MFR
Selenium, Total	ND		mg/kg	1.63	0.268	2	10/09/25 22:03	10/14/25 13:06	EPA 3050B	1,6010D	EFM
Silver, Total	ND		mg/kg	0.408	0.243	2	10/09/25 22:03	10/14/25 13:06	EPA 3050B	1,6010D	EFM
Sodium, Total	ND		mg/kg	163	86.5	2	10/09/25 22:03	10/14/25 14:52	EPA 3050B	1,6010D	MFR
Thallium, Total	ND		mg/kg	1.63	0.736	2	10/09/25 22:03	10/14/25 13:06	EPA 3050B	1,6010D	EFM
Vanadium, Total	13.4		mg/kg	0.816	0.123	2	10/09/25 22:03	10/14/25 13:06	EPA 3050B	1,6010D	EFM
Zinc, Total	208		mg/kg	4.08	0.494	2	10/09/25 22:03	10/14/25 13:06	EPA 3050B	1,6010D	EFM

Project Name: OCEAN BAY REDEVELOPMENT
Lab Number: L2563358
Project Number: 41.0163476.00
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-10
Client ID: GZ-14 (2.5-4.5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Sample Depth:
Matrix: Soil
Percent Solids: 91%

Date Collected: 10/07/25 12:05
Date Received: 10/07/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2120		mg/kg	8.23	2.68	2	10/09/25 22:03	10/14/25 13:37	EPA 3050B	1,6010D	EFM
Antimony, Total	ND		mg/kg	4.12	3.17	2	10/09/25 22:03	10/14/25 13:37	EPA 3050B	1,6010D	EFM
Arsenic, Total	1.05		mg/kg	0.823	0.356	2	10/09/25 22:03	10/14/25 13:37	EPA 3050B	1,6010D	EFM
Barium, Total	22.2		mg/kg	0.823	0.087	2	10/09/25 22:03	10/14/25 13:37	EPA 3050B	1,6010D	EFM
Beryllium, Total	0.065	J	mg/kg	0.412	0.045	2	10/09/25 22:03	10/14/25 13:37	EPA 3050B	1,6010D	EFM
Cadmium, Total	0.124	J	mg/kg	0.823	0.045	2	10/09/25 22:03	10/14/25 13:37	EPA 3050B	1,6010D	EFM
Calcium, Total	9500		mg/kg	8.23	4.67	2	10/09/25 22:03	10/14/25 13:37	EPA 3050B	1,6010D	EFM
Chromium, Total	6.02		mg/kg	0.823	0.698	2	10/09/25 22:03	10/14/25 13:37	EPA 3050B	1,6010D	EFM
Cobalt, Total	1.30	J	mg/kg	1.65	0.204	2	10/09/25 22:03	10/14/25 13:37	EPA 3050B	1,6010D	EFM
Copper, Total	12.0		mg/kg	0.823	0.187	2	10/09/25 22:03	10/14/25 13:37	EPA 3050B	1,6010D	EFM
Iron, Total	4200		mg/kg	4.12	0.864	2	10/09/25 22:03	10/14/25 13:37	EPA 3050B	1,6010D	EFM
Lead, Total	29.8		mg/kg	4.12	0.196	2	10/09/25 22:03	10/14/25 13:37	EPA 3050B	1,6010D	EFM
Magnesium, Total	4400		mg/kg	8.23	1.34	2	10/09/25 22:03	10/14/25 13:37	EPA 3050B	1,6010D	EFM
Manganese, Total	40.2		mg/kg	0.823	0.441	2	10/09/25 22:03	10/14/25 13:37	EPA 3050B	1,6010D	EFM
Mercury, Total	ND		mg/kg	0.075	0.049	1	10/09/25 22:48	10/13/25 13:00	EPA 7471B	1,7471B	JWN
Nickel, Total	3.94		mg/kg	2.06	0.665	2	10/09/25 22:03	10/14/25 13:37	EPA 3050B	1,6010D	EFM
Potassium, Total	394		mg/kg	206	41.7	2	10/09/25 22:03	10/14/25 14:59	EPA 3050B	1,6010D	MFR
Selenium, Total	ND		mg/kg	1.65	0.271	2	10/09/25 22:03	10/14/25 13:37	EPA 3050B	1,6010D	EFM
Silver, Total	ND		mg/kg	0.412	0.245	2	10/09/25 22:03	10/14/25 13:37	EPA 3050B	1,6010D	EFM
Sodium, Total	ND		mg/kg	165	87.3	2	10/09/25 22:03	10/14/25 14:59	EPA 3050B	1,6010D	MFR
Thallium, Total	ND		mg/kg	1.65	0.742	2	10/09/25 22:03	10/14/25 13:37	EPA 3050B	1,6010D	EFM
Vanadium, Total	10.8		mg/kg	0.823	0.124	2	10/09/25 22:03	10/14/25 13:37	EPA 3050B	1,6010D	EFM
Zinc, Total	56.9		mg/kg	4.12	0.499	2	10/09/25 22:03	10/14/25 13:37	EPA 3050B	1,6010D	EFM

Project Name: OCEAN BAY REDEVELOPMENT
Lab Number: L2563358
Project Number: 41.0163476.00
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-13
Client ID: GZ-01 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Sample Depth:
Matrix: Soil
Percent Solids: 94%

Date Collected: 10/08/25 08:15
Date Received: 10/08/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2570		mg/kg	8.29	2.69	2	10/10/25 19:57	10/14/25 21:20	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.14	3.19	2	10/10/25 19:57	10/14/25 21:20	EPA 3050B	1,6010D	JMF
Arsenic, Total	3.46		mg/kg	0.829	0.358	2	10/10/25 19:57	10/14/25 21:20	EPA 3050B	1,6010D	JMF
Barium, Total	18.3		mg/kg	0.829	0.088	2	10/10/25 19:57	10/14/25 21:20	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.108	J	mg/kg	0.414	0.046	2	10/10/25 19:57	10/14/25 21:20	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.139	J	mg/kg	0.829	0.046	2	10/10/25 19:57	10/14/25 21:20	EPA 3050B	1,6010D	JMF
Calcium, Total	1300		mg/kg	8.29	4.70	2	10/10/25 19:57	10/14/25 21:20	EPA 3050B	1,6010D	JMF
Chromium, Total	7.75		mg/kg	0.829	0.703	2	10/10/25 19:57	10/14/25 21:20	EPA 3050B	1,6010D	JMF
Cobalt, Total	1.60	J	mg/kg	1.66	0.206	2	10/10/25 19:57	10/14/25 21:20	EPA 3050B	1,6010D	JMF
Copper, Total	8.68		mg/kg	0.829	0.188	2	10/10/25 19:57	10/14/25 21:20	EPA 3050B	1,6010D	JMF
Iron, Total	6890		mg/kg	4.14	0.870	2	10/10/25 19:57	10/14/25 21:20	EPA 3050B	1,6010D	JMF
Lead, Total	20.4		mg/kg	4.14	0.197	2	10/10/25 19:57	10/14/25 21:20	EPA 3050B	1,6010D	JMF
Magnesium, Total	941		mg/kg	8.29	1.35	2	10/10/25 19:57	10/14/25 21:20	EPA 3050B	1,6010D	JMF
Manganese, Total	44.7		mg/kg	0.829	0.444	2	10/10/25 19:57	10/14/25 21:20	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.073	0.048	1	10/09/25 22:48	10/13/25 13:10	EPA 7471B	1,7471B	JWN
Nickel, Total	4.56		mg/kg	2.07	0.670	2	10/10/25 19:57	10/14/25 21:20	EPA 3050B	1,6010D	JMF
Potassium, Total	603		mg/kg	207	42.0	2	10/10/25 19:57	10/14/25 21:20	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.66	0.273	2	10/10/25 19:57	10/14/25 21:20	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.414	0.247	2	10/10/25 19:57	10/14/25 21:20	EPA 3050B	1,6010D	JMF
Sodium, Total	244		mg/kg	166	87.9	2	10/10/25 19:57	10/14/25 21:20	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.66	0.748	2	10/10/25 19:57	10/14/25 21:20	EPA 3050B	1,6010D	JMF
Vanadium, Total	11.4		mg/kg	0.829	0.125	2	10/10/25 19:57	10/14/25 21:20	EPA 3050B	1,6010D	JMF
Zinc, Total	26.5		mg/kg	4.14	0.502	2	10/10/25 19:57	10/14/25 21:20	EPA 3050B	1,6010D	JMF

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-14 Date Collected: 10/08/25 08:20

Client ID: GZ-01 (2.5-4.5') Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	1870		mg/kg	8.18	2.66	2	10/10/25 19:57	10/14/25 21:26	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.09	3.15	2	10/10/25 19:57	10/14/25 21:26	EPA 3050B	1,6010D	JMF
Arsenic, Total	1.79		mg/kg	0.818	0.353	2	10/10/25 19:57	10/14/25 21:26	EPA 3050B	1,6010D	JMF
Barium, Total	10.4		mg/kg	0.818	0.087	2	10/10/25 19:57	10/14/25 21:26	EPA 3050B	1,6010D	JMF
Beryllium, Total	ND		mg/kg	0.409	0.045	2	10/10/25 19:57	10/14/25 21:26	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.083	J	mg/kg	0.818	0.045	2	10/10/25 19:57	10/14/25 21:26	EPA 3050B	1,6010D	JMF
Calcium, Total	1540		mg/kg	8.18	4.64	2	10/10/25 19:57	10/14/25 21:26	EPA 3050B	1,6010D	JMF
Chromium, Total	7.30		mg/kg	0.818	0.693	2	10/10/25 19:57	10/14/25 21:26	EPA 3050B	1,6010D	JMF
Cobalt, Total	1.01	J	mg/kg	1.64	0.203	2	10/10/25 19:57	10/14/25 21:26	EPA 3050B	1,6010D	JMF
Copper, Total	5.54		mg/kg	0.818	0.186	2	10/10/25 19:57	10/14/25 21:26	EPA 3050B	1,6010D	JMF
Iron, Total	3140		mg/kg	4.09	0.858	2	10/10/25 19:57	10/14/25 21:26	EPA 3050B	1,6010D	JMF
Lead, Total	7.33		mg/kg	4.09	0.194	2	10/10/25 19:57	10/14/25 21:26	EPA 3050B	1,6010D	JMF
Magnesium, Total	813		mg/kg	8.18	1.33	2	10/10/25 19:57	10/14/25 21:26	EPA 3050B	1,6010D	JMF
Manganese, Total	24.4		mg/kg	0.818	0.438	2	10/10/25 19:57	10/14/25 21:26	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.070	0.045	1	10/09/25 22:48	10/13/25 13:13	EPA 7471B	1,7471B	JWN
Nickel, Total	3.35		mg/kg	2.04	0.660	2	10/10/25 19:57	10/14/25 21:26	EPA 3050B	1,6010D	JMF
Potassium, Total	445		mg/kg	204	41.4	2	10/10/25 19:57	10/14/25 21:26	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.64	0.269	2	10/10/25 19:57	10/14/25 21:26	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.409	0.244	2	10/10/25 19:57	10/14/25 21:26	EPA 3050B	1,6010D	JMF
Sodium, Total	ND		mg/kg	164	86.7	2	10/10/25 19:57	10/14/25 21:26	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.64	0.737	2	10/10/25 19:57	10/14/25 21:26	EPA 3050B	1,6010D	JMF
Vanadium, Total	6.71		mg/kg	0.818	0.123	2	10/10/25 19:57	10/14/25 21:26	EPA 3050B	1,6010D	JMF
Zinc, Total	13.3		mg/kg	4.09	0.495	2	10/10/25 19:57	10/14/25 21:26	EPA 3050B	1,6010D	JMF

Project Name: OCEAN BAY REDEVELOPMENT
Lab Number: L2563358
Project Number: 41.0163476.00
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-15
Client ID: GZ-03 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Sample Depth:
Matrix: Soil
Percent Solids: 97%

Date Collected: 10/08/25 11:00
Date Received: 10/08/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	1840		mg/kg	8.04	2.61	2	10/10/25 19:57	10/14/25 21:32	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.02	3.10	2	10/10/25 19:57	10/14/25 21:32	EPA 3050B	1,6010D	JMF
Arsenic, Total	4.77		mg/kg	0.804	0.348	2	10/10/25 19:57	10/14/25 21:32	EPA 3050B	1,6010D	JMF
Barium, Total	47.1		mg/kg	0.804	0.085	2	10/10/25 19:57	10/14/25 21:32	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.589		mg/kg	0.402	0.044	2	10/10/25 19:57	10/14/25 21:32	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.710	J	mg/kg	0.804	0.044	2	10/10/25 19:57	10/14/25 21:32	EPA 3050B	1,6010D	JMF
Calcium, Total	2760		mg/kg	8.04	4.56	2	10/10/25 19:57	10/14/25 21:32	EPA 3050B	1,6010D	JMF
Chromium, Total	15.9		mg/kg	0.804	0.682	2	10/10/25 19:57	10/14/25 21:32	EPA 3050B	1,6010D	JMF
Cobalt, Total	10.6		mg/kg	1.61	0.200	2	10/10/25 19:57	10/14/25 21:32	EPA 3050B	1,6010D	JMF
Copper, Total	185		mg/kg	0.804	0.183	2	10/10/25 19:57	10/14/25 21:32	EPA 3050B	1,6010D	JMF
Iron, Total	15500		mg/kg	4.02	0.845	2	10/10/25 19:57	10/14/25 21:32	EPA 3050B	1,6010D	JMF
Lead, Total	280		mg/kg	4.02	0.191	2	10/10/25 19:57	10/14/25 21:32	EPA 3050B	1,6010D	JMF
Magnesium, Total	1150		mg/kg	8.04	1.31	2	10/10/25 19:57	10/14/25 21:32	EPA 3050B	1,6010D	JMF
Manganese, Total	186		mg/kg	0.804	0.431	2	10/10/25 19:57	10/14/25 21:32	EPA 3050B	1,6010D	JMF
Mercury, Total	0.256		mg/kg	0.068	0.044	1	10/09/25 22:48	10/13/25 13:16	EPA 7471B	1,7471B	JWN
Nickel, Total	34.3		mg/kg	2.01	0.650	2	10/10/25 19:57	10/14/25 21:32	EPA 3050B	1,6010D	JMF
Potassium, Total	374		mg/kg	201	40.8	2	10/10/25 19:57	10/14/25 21:32	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.61	0.265	2	10/10/25 19:57	10/14/25 21:32	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.402	0.240	2	10/10/25 19:57	10/14/25 21:32	EPA 3050B	1,6010D	JMF
Sodium, Total	126	J	mg/kg	161	85.3	2	10/10/25 19:57	10/14/25 21:32	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.61	0.726	2	10/10/25 19:57	10/14/25 21:32	EPA 3050B	1,6010D	JMF
Vanadium, Total	13.9		mg/kg	0.804	0.121	2	10/10/25 19:57	10/14/25 21:32	EPA 3050B	1,6010D	JMF
Zinc, Total	1220		mg/kg	4.02	0.488	2	10/10/25 19:57	10/14/25 21:32	EPA 3050B	1,6010D	JMF

Project Name: OCEAN BAY REDEVELOPMENT
Lab Number: L2563358
Project Number: 41.0163476.00
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-16
Client ID: GZ-03 (2.5-4.5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Sample Depth:
Matrix: Soil
Percent Solids: 93%

Date Collected: 10/08/25 11:05
Date Received: 10/08/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3130		mg/kg	8.34	2.71	2	10/10/25 19:57	10/14/25 22:29	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.17	3.21	2	10/10/25 19:57	10/14/25 22:29	EPA 3050B	1,6010D	JMF
Arsenic, Total	2.52		mg/kg	0.834	0.360	2	10/10/25 19:57	10/14/25 22:29	EPA 3050B	1,6010D	JMF
Barium, Total	19.6		mg/kg	0.834	0.088	2	10/10/25 19:57	10/14/25 22:29	EPA 3050B	1,6010D	JMF
Beryllium, Total	ND		mg/kg	0.417	0.046	2	10/10/25 19:57	10/14/25 22:29	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.228	J	mg/kg	0.834	0.046	2	10/10/25 19:57	10/14/25 22:29	EPA 3050B	1,6010D	JMF
Calcium, Total	736		mg/kg	8.34	4.73	2	10/10/25 19:57	10/14/25 22:29	EPA 3050B	1,6010D	JMF
Chromium, Total	12.1		mg/kg	0.834	0.708	2	10/10/25 19:57	10/14/25 22:29	EPA 3050B	1,6010D	JMF
Cobalt, Total	2.10		mg/kg	1.67	0.207	2	10/10/25 19:57	10/14/25 22:29	EPA 3050B	1,6010D	JMF
Copper, Total	12.1		mg/kg	0.834	0.189	2	10/10/25 19:57	10/14/25 22:29	EPA 3050B	1,6010D	JMF
Iron, Total	7350		mg/kg	4.17	0.876	2	10/10/25 19:57	10/14/25 22:29	EPA 3050B	1,6010D	JMF
Lead, Total	9.73		mg/kg	4.17	0.198	2	10/10/25 19:57	10/14/25 22:29	EPA 3050B	1,6010D	JMF
Magnesium, Total	1070		mg/kg	8.34	1.36	2	10/10/25 19:57	10/14/25 22:29	EPA 3050B	1,6010D	JMF
Manganese, Total	30.5		mg/kg	0.834	0.447	2	10/10/25 19:57	10/14/25 22:29	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.071	0.046	1	10/09/25 22:48	10/13/25 13:20	EPA 7471B	1,7471B	JWN
Nickel, Total	4.75		mg/kg	2.08	0.674	2	10/10/25 19:57	10/14/25 22:29	EPA 3050B	1,6010D	JMF
Potassium, Total	659		mg/kg	208	42.3	2	10/10/25 19:57	10/14/25 22:29	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.67	0.274	2	10/10/25 19:57	10/14/25 22:29	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.417	0.249	2	10/10/25 19:57	10/14/25 22:29	EPA 3050B	1,6010D	JMF
Sodium, Total	205		mg/kg	167	88.4	2	10/10/25 19:57	10/14/25 22:29	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.67	0.752	2	10/10/25 19:57	10/14/25 22:29	EPA 3050B	1,6010D	JMF
Vanadium, Total	11.9		mg/kg	0.834	0.126	2	10/10/25 19:57	10/14/25 22:29	EPA 3050B	1,6010D	JMF
Zinc, Total	13.7		mg/kg	4.17	0.506	2	10/10/25 19:57	10/14/25 22:29	EPA 3050B	1,6010D	JMF

Project Name: OCEAN BAY REDEVELOPMENT
Lab Number: L2563358
Project Number: 41.0163476.00
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-17
Client ID: GZ-04 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Sample Depth:
Matrix: Soil
Percent Solids: 94%

Date Collected: 10/08/25 10:30
Date Received: 10/08/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2930		mg/kg	8.38	2.72	2	10/10/25 19:57	10/14/25 22:35	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.19	3.23	2	10/10/25 19:57	10/14/25 22:35	EPA 3050B	1,6010D	JMF
Arsenic, Total	6.70		mg/kg	0.838	0.362	2	10/10/25 19:57	10/14/25 22:35	EPA 3050B	1,6010D	JMF
Barium, Total	63.6		mg/kg	0.838	0.089	2	10/10/25 19:57	10/14/25 22:35	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.545		mg/kg	0.419	0.046	2	10/10/25 19:57	10/14/25 22:35	EPA 3050B	1,6010D	JMF
Cadmium, Total	1.10		mg/kg	0.838	0.046	2	10/10/25 19:57	10/14/25 22:35	EPA 3050B	1,6010D	JMF
Calcium, Total	11100		mg/kg	8.38	4.75	2	10/10/25 19:57	10/14/25 22:35	EPA 3050B	1,6010D	JMF
Chromium, Total	17.5		mg/kg	0.838	0.711	2	10/10/25 19:57	10/14/25 22:35	EPA 3050B	1,6010D	JMF
Cobalt, Total	6.77		mg/kg	1.68	0.208	2	10/10/25 19:57	10/14/25 22:35	EPA 3050B	1,6010D	JMF
Copper, Total	101		mg/kg	0.838	0.190	2	10/10/25 19:57	10/14/25 22:35	EPA 3050B	1,6010D	JMF
Iron, Total	13700		mg/kg	4.19	0.880	2	10/10/25 19:57	10/14/25 22:35	EPA 3050B	1,6010D	JMF
Lead, Total	432		mg/kg	4.19	0.199	2	10/10/25 19:57	10/14/25 22:35	EPA 3050B	1,6010D	JMF
Magnesium, Total	4500		mg/kg	8.38	1.37	2	10/10/25 19:57	10/14/25 22:35	EPA 3050B	1,6010D	JMF
Manganese, Total	135		mg/kg	0.838	0.449	2	10/10/25 19:57	10/14/25 22:35	EPA 3050B	1,6010D	JMF
Mercury, Total	2.36		mg/kg	0.068	0.044	1	10/09/25 22:48	10/13/25 13:23	EPA 7471B	1,7471B	JWN
Nickel, Total	26.0		mg/kg	2.10	0.677	2	10/10/25 19:57	10/14/25 22:35	EPA 3050B	1,6010D	JMF
Potassium, Total	394		mg/kg	210	42.5	2	10/10/25 19:57	10/14/25 22:35	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.68	0.276	2	10/10/25 19:57	10/14/25 22:35	EPA 3050B	1,6010D	JMF
Silver, Total	0.515		mg/kg	0.419	0.250	2	10/10/25 19:57	10/14/25 22:35	EPA 3050B	1,6010D	JMF
Sodium, Total	128	J	mg/kg	168	88.8	2	10/10/25 19:57	10/14/25 22:35	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.68	0.756	2	10/10/25 19:57	10/14/25 22:35	EPA 3050B	1,6010D	JMF
Vanadium, Total	16.2		mg/kg	0.838	0.126	2	10/10/25 19:57	10/14/25 22:35	EPA 3050B	1,6010D	JMF
Zinc, Total	922		mg/kg	4.19	0.508	2	10/10/25 19:57	10/14/25 22:35	EPA 3050B	1,6010D	JMF

Project Name: OCEAN BAY REDEVELOPMENT
Lab Number: L2563358
Project Number: 41.0163476.00
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-18
Client ID: GZ-04 (3-5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Sample Depth:
Matrix: Soil
Percent Solids: 95%

Date Collected: 10/08/25 10:35
Date Received: 10/08/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2880		mg/kg	8.15	2.65	2	10/10/25 19:57	10/14/25 22:42	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.07	3.14	2	10/10/25 19:57	10/14/25 22:42	EPA 3050B	1,6010D	JMF
Arsenic, Total	11.2		mg/kg	0.815	0.352	2	10/10/25 19:57	10/14/25 22:42	EPA 3050B	1,6010D	JMF
Barium, Total	56.1		mg/kg	0.815	0.086	2	10/10/25 19:57	10/14/25 22:42	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.960		mg/kg	0.407	0.045	2	10/10/25 19:57	10/14/25 22:42	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.824		mg/kg	0.815	0.045	2	10/10/25 19:57	10/14/25 22:42	EPA 3050B	1,6010D	JMF
Calcium, Total	10700		mg/kg	8.15	4.62	2	10/10/25 19:57	10/14/25 22:42	EPA 3050B	1,6010D	JMF
Chromium, Total	19.2		mg/kg	0.815	0.691	2	10/10/25 19:57	10/14/25 22:42	EPA 3050B	1,6010D	JMF
Cobalt, Total	8.87		mg/kg	1.63	0.202	2	10/10/25 19:57	10/14/25 22:42	EPA 3050B	1,6010D	JMF
Copper, Total	160		mg/kg	0.815	0.185	2	10/10/25 19:57	10/14/25 22:42	EPA 3050B	1,6010D	JMF
Iron, Total	13200		mg/kg	4.07	0.855	2	10/10/25 19:57	10/14/25 22:42	EPA 3050B	1,6010D	JMF
Lead, Total	268		mg/kg	4.07	0.194	2	10/10/25 19:57	10/14/25 22:42	EPA 3050B	1,6010D	JMF
Magnesium, Total	5580		mg/kg	8.15	1.33	2	10/10/25 19:57	10/14/25 22:42	EPA 3050B	1,6010D	JMF
Manganese, Total	96.2		mg/kg	0.815	0.437	2	10/10/25 19:57	10/14/25 22:42	EPA 3050B	1,6010D	JMF
Mercury, Total	0.872		mg/kg	0.074	0.049	1	10/09/25 22:48	10/13/25 13:26	EPA 7471B	1,7471B	JWN
Nickel, Total	27.8		mg/kg	2.04	0.658	2	10/10/25 19:57	10/14/25 22:42	EPA 3050B	1,6010D	JMF
Potassium, Total	403		mg/kg	204	41.3	2	10/10/25 19:57	10/14/25 22:42	EPA 3050B	1,6010D	JMF
Selenium, Total	0.347	J	mg/kg	1.63	0.268	2	10/10/25 19:57	10/14/25 22:42	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.407	0.243	2	10/10/25 19:57	10/14/25 22:42	EPA 3050B	1,6010D	JMF
Sodium, Total	199		mg/kg	163	86.4	2	10/10/25 19:57	10/14/25 22:42	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.63	0.735	2	10/10/25 19:57	10/14/25 22:42	EPA 3050B	1,6010D	JMF
Vanadium, Total	33.6		mg/kg	0.815	0.123	2	10/10/25 19:57	10/14/25 22:42	EPA 3050B	1,6010D	JMF
Zinc, Total	1020		mg/kg	4.07	0.494	2	10/10/25 19:57	10/14/25 22:42	EPA 3050B	1,6010D	JMF

Project Name: OCEAN BAY REDEVELOPMENT
Lab Number: L2563358
Project Number: 41.0163476.00
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-19
Client ID: GZ-08 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Sample Depth:
Matrix: Soil
Percent Solids: 97%

Date Collected: 10/08/25 08:50
Date Received: 10/08/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	1830		mg/kg	8.13	2.64	2	10/10/25 19:57	10/14/25 22:48	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.06	3.13	2	10/10/25 19:57	10/14/25 22:48	EPA 3050B	1,6010D	JMF
Arsenic, Total	1.48		mg/kg	0.813	0.351	2	10/10/25 19:57	10/14/25 22:48	EPA 3050B	1,6010D	JMF
Barium, Total	23.3		mg/kg	0.813	0.086	2	10/10/25 19:57	10/14/25 22:48	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.060	J	mg/kg	0.406	0.045	2	10/10/25 19:57	10/14/25 22:48	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.117	J	mg/kg	0.813	0.045	2	10/10/25 19:57	10/14/25 22:48	EPA 3050B	1,6010D	JMF
Calcium, Total	4260		mg/kg	8.13	4.61	2	10/10/25 19:57	10/14/25 22:48	EPA 3050B	1,6010D	JMF
Chromium, Total	5.95		mg/kg	0.813	0.689	2	10/10/25 19:57	10/14/25 22:48	EPA 3050B	1,6010D	JMF
Cobalt, Total	1.43	J	mg/kg	1.62	0.202	2	10/10/25 19:57	10/14/25 22:48	EPA 3050B	1,6010D	JMF
Copper, Total	7.24		mg/kg	0.813	0.184	2	10/10/25 19:57	10/14/25 22:48	EPA 3050B	1,6010D	JMF
Iron, Total	4450		mg/kg	4.06	0.854	2	10/10/25 19:57	10/14/25 22:48	EPA 3050B	1,6010D	JMF
Lead, Total	10.6		mg/kg	4.06	0.193	2	10/10/25 19:57	10/14/25 22:48	EPA 3050B	1,6010D	JMF
Magnesium, Total	2700		mg/kg	8.13	1.32	2	10/10/25 19:57	10/14/25 22:48	EPA 3050B	1,6010D	JMF
Manganese, Total	62.4		mg/kg	0.813	0.436	2	10/10/25 19:57	10/14/25 22:48	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.074	0.048	1	10/09/25 22:48	10/13/25 13:30	EPA 7471B	1,7471B	JWN
Nickel, Total	4.47		mg/kg	2.03	0.657	2	10/10/25 19:57	10/14/25 22:48	EPA 3050B	1,6010D	JMF
Potassium, Total	433		mg/kg	203	41.2	2	10/10/25 19:57	10/14/25 22:48	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.62	0.267	2	10/10/25 19:57	10/14/25 22:48	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.406	0.242	2	10/10/25 19:57	10/14/25 22:48	EPA 3050B	1,6010D	JMF
Sodium, Total	ND		mg/kg	162	86.2	2	10/10/25 19:57	10/14/25 22:48	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.62	0.733	2	10/10/25 19:57	10/14/25 22:48	EPA 3050B	1,6010D	JMF
Vanadium, Total	7.49		mg/kg	0.813	0.123	2	10/10/25 19:57	10/14/25 22:48	EPA 3050B	1,6010D	JMF
Zinc, Total	13.1		mg/kg	4.06	0.493	2	10/10/25 19:57	10/14/25 22:48	EPA 3050B	1,6010D	JMF

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-20 Date Collected: 10/08/25 08:55

Client ID: GZ-08 (2.5-4.5') Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5210		mg/kg	8.13	2.64	2	10/10/25 19:57	10/14/25 22:55	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.07	3.13	2	10/10/25 19:57	10/14/25 22:55	EPA 3050B	1,6010D	JMF
Arsenic, Total	4.72		mg/kg	0.813	0.351	2	10/10/25 19:57	10/14/25 22:55	EPA 3050B	1,6010D	JMF
Barium, Total	52.4		mg/kg	0.813	0.086	2	10/10/25 19:57	10/14/25 22:55	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.263	J	mg/kg	0.407	0.045	2	10/10/25 19:57	10/14/25 22:55	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.947		mg/kg	0.813	0.045	2	10/10/25 19:57	10/14/25 22:55	EPA 3050B	1,6010D	JMF
Calcium, Total	1170		mg/kg	8.13	4.61	2	10/10/25 19:57	10/14/25 22:55	EPA 3050B	1,6010D	JMF
Chromium, Total	11.5		mg/kg	0.813	0.690	2	10/10/25 19:57	10/14/25 22:55	EPA 3050B	1,6010D	JMF
Cobalt, Total	5.35		mg/kg	1.63	0.202	2	10/10/25 19:57	10/14/25 22:55	EPA 3050B	1,6010D	JMF
Copper, Total	27.8		mg/kg	0.813	0.185	2	10/10/25 19:57	10/14/25 22:55	EPA 3050B	1,6010D	JMF
Iron, Total	12800		mg/kg	4.07	0.854	2	10/10/25 19:57	10/14/25 22:55	EPA 3050B	1,6010D	JMF
Lead, Total	178		mg/kg	4.07	0.194	2	10/10/25 19:57	10/14/25 22:55	EPA 3050B	1,6010D	JMF
Magnesium, Total	1320		mg/kg	8.13	1.32	2	10/10/25 19:57	10/14/25 22:55	EPA 3050B	1,6010D	JMF
Manganese, Total	120		mg/kg	0.813	0.436	2	10/10/25 19:57	10/14/25 22:55	EPA 3050B	1,6010D	JMF
Mercury, Total	0.109		mg/kg	0.070	0.046	1	10/09/25 22:48	10/13/25 13:33	EPA 7471B	1,7471B	JWN
Nickel, Total	15.5		mg/kg	2.03	0.657	2	10/10/25 19:57	10/14/25 22:55	EPA 3050B	1,6010D	JMF
Potassium, Total	611		mg/kg	203	41.2	2	10/10/25 19:57	10/14/25 22:55	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.63	0.268	2	10/10/25 19:57	10/14/25 22:55	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.407	0.242	2	10/10/25 19:57	10/14/25 22:55	EPA 3050B	1,6010D	JMF
Sodium, Total	ND		mg/kg	163	86.2	2	10/10/25 19:57	10/14/25 22:55	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.63	0.734	2	10/10/25 19:57	10/14/25 22:55	EPA 3050B	1,6010D	JMF
Vanadium, Total	15.8		mg/kg	0.813	0.123	2	10/10/25 19:57	10/14/25 22:55	EPA 3050B	1,6010D	JMF
Zinc, Total	256		mg/kg	4.07	0.493	2	10/10/25 19:57	10/14/25 22:55	EPA 3050B	1,6010D	JMF

Project Name: OCEAN BAY REDEVELOPMENT
Lab Number: L2563358
Project Number: 41.0163476.00
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-21
Client ID: GZ-09 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Sample Depth:
Matrix: Soil
Percent Solids: 96%

Date Collected: 10/08/25 11:25
Date Received: 10/08/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	1520		mg/kg	7.97	2.59	2	10/10/25 19:57	10/14/25 21:39	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	3.98	3.07	2	10/10/25 19:57	10/14/25 21:39	EPA 3050B	1,6010D	JMF
Arsenic, Total	1.70		mg/kg	0.797	0.344	2	10/10/25 19:57	10/14/25 21:39	EPA 3050B	1,6010D	JMF
Barium, Total	18.9		mg/kg	0.797	0.085	2	10/10/25 19:57	10/14/25 21:39	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.122	J	mg/kg	0.398	0.044	2	10/10/25 19:57	10/14/25 21:39	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.208	J	mg/kg	0.797	0.044	2	10/10/25 19:57	10/14/25 21:39	EPA 3050B	1,6010D	JMF
Calcium, Total	880		mg/kg	7.97	4.52	2	10/10/25 19:57	10/14/25 21:39	EPA 3050B	1,6010D	JMF
Chromium, Total	5.04		mg/kg	0.797	0.676	2	10/10/25 19:57	10/14/25 21:39	EPA 3050B	1,6010D	JMF
Cobalt, Total	1.62		mg/kg	1.59	0.198	2	10/10/25 19:57	10/14/25 21:39	EPA 3050B	1,6010D	JMF
Copper, Total	14.9		mg/kg	0.797	0.181	2	10/10/25 19:57	10/14/25 21:39	EPA 3050B	1,6010D	JMF
Iron, Total	4520		mg/kg	3.98	0.837	2	10/10/25 19:57	10/14/25 21:39	EPA 3050B	1,6010D	JMF
Lead, Total	25.3		mg/kg	3.98	0.190	2	10/10/25 19:57	10/14/25 21:39	EPA 3050B	1,6010D	JMF
Magnesium, Total	710		mg/kg	7.97	1.30	2	10/10/25 19:57	10/14/25 21:39	EPA 3050B	1,6010D	JMF
Manganese, Total	37.9		mg/kg	0.797	0.427	2	10/10/25 19:57	10/14/25 21:39	EPA 3050B	1,6010D	JMF
Mercury, Total	0.138		mg/kg	0.072	0.047	1	10/09/25 22:48	10/13/25 12:09	EPA 7471B	1,7471B	JWN
Nickel, Total	3.83		mg/kg	1.99	0.644	2	10/10/25 19:57	10/14/25 21:39	EPA 3050B	1,6010D	JMF
Potassium, Total	339		mg/kg	199	40.4	2	10/10/25 19:57	10/14/25 21:39	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.59	0.262	2	10/10/25 19:57	10/14/25 21:39	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.398	0.238	2	10/10/25 19:57	10/14/25 21:39	EPA 3050B	1,6010D	JMF
Sodium, Total	ND		mg/kg	159	84.5	2	10/10/25 19:57	10/14/25 21:39	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.59	0.719	2	10/10/25 19:57	10/14/25 21:39	EPA 3050B	1,6010D	JMF
Vanadium, Total	6.37		mg/kg	0.797	0.120	2	10/10/25 19:57	10/14/25 21:39	EPA 3050B	1,6010D	JMF
Zinc, Total	105		mg/kg	3.98	0.483	2	10/10/25 19:57	10/14/25 21:39	EPA 3050B	1,6010D	JMF

Project Name: OCEAN BAY REDEVELOPMENT
Lab Number: L2563358
Project Number: 41.0163476.00
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-22
Client ID: GZ-09 (2.5-4.5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Sample Depth:
Matrix: Soil
Percent Solids: 93%

Date Collected: 10/08/25 11:30
Date Received: 10/08/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5190		mg/kg	8.08	2.62	2	10/10/25 03:52	10/13/25 23:48	EPA 3050B	1,6010D	MFR
Antimony, Total	ND		mg/kg	4.04	3.11	2	10/10/25 03:52	10/13/25 23:48	EPA 3050B	1,6010D	MFR
Arsenic, Total	5.78		mg/kg	0.808	0.349	2	10/10/25 03:52	10/13/25 23:48	EPA 3050B	1,6010D	MFR
Barium, Total	22.7		mg/kg	0.808	0.086	2	10/10/25 03:52	10/13/25 23:48	EPA 3050B	1,6010D	MFR
Beryllium, Total	0.160	J	mg/kg	0.404	0.044	2	10/10/25 03:52	10/13/25 23:48	EPA 3050B	1,6010D	MFR
Cadmium, Total	0.155	J	mg/kg	0.808	0.044	2	10/10/25 03:52	10/13/25 23:48	EPA 3050B	1,6010D	MFR
Calcium, Total	1470		mg/kg	8.08	4.58	2	10/10/25 03:52	10/13/25 23:48	EPA 3050B	1,6010D	MFR
Chromium, Total	19.9		mg/kg	0.808	0.685	2	10/10/25 03:52	10/13/25 23:48	EPA 3050B	1,6010D	MFR
Cobalt, Total	5.44		mg/kg	1.62	0.200	2	10/10/25 03:52	10/13/25 23:48	EPA 3050B	1,6010D	MFR
Copper, Total	19.0		mg/kg	0.808	0.183	2	10/10/25 03:52	10/13/25 23:48	EPA 3050B	1,6010D	MFR
Iron, Total	13600		mg/kg	4.04	0.848	2	10/10/25 03:52	10/13/25 23:48	EPA 3050B	1,6010D	MFR
Lead, Total	18.0		mg/kg	4.04	0.192	2	10/10/25 03:52	10/13/25 23:48	EPA 3050B	1,6010D	MFR
Magnesium, Total	1930		mg/kg	8.08	1.32	2	10/10/25 03:52	10/13/25 23:48	EPA 3050B	1,6010D	MFR
Manganese, Total	71.3		mg/kg	0.808	0.433	2	10/10/25 03:52	10/13/25 23:48	EPA 3050B	1,6010D	MFR
Mercury, Total	ND		mg/kg	0.083	0.054	1	10/14/25 12:12	10/14/25 14:22	EPA 7471B	1,7471B	JWN
Nickel, Total	10.6		mg/kg	2.02	0.653	2	10/10/25 03:52	10/13/25 23:48	EPA 3050B	1,6010D	MFR
Potassium, Total	780		mg/kg	202	41.0	2	10/10/25 03:52	10/13/25 23:48	EPA 3050B	1,6010D	MFR
Selenium, Total	0.351	J	mg/kg	1.62	0.266	2	10/10/25 03:52	10/13/25 23:48	EPA 3050B	1,6010D	MFR
Silver, Total	ND		mg/kg	0.404	0.241	2	10/10/25 03:52	10/13/25 23:48	EPA 3050B	1,6010D	MFR
Sodium, Total	161	J	mg/kg	162	85.6	2	10/10/25 03:52	10/13/25 23:48	EPA 3050B	1,6010D	MFR
Thallium, Total	ND		mg/kg	1.62	0.729	2	10/10/25 03:52	10/13/25 23:48	EPA 3050B	1,6010D	MFR
Vanadium, Total	19.7		mg/kg	0.808	0.122	2	10/10/25 03:52	10/13/25 23:48	EPA 3050B	1,6010D	MFR
Zinc, Total	41.0		mg/kg	4.04	0.490	2	10/10/25 03:52	10/13/25 23:48	EPA 3050B	1,6010D	MFR

Project Name: OCEAN BAY REDEVELOPMENT
Lab Number: L2563358
Project Number: 41.0163476.00
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-23
Client ID: DUPLICATE-2028-10-08
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Sample Depth:
Matrix: Soil
Percent Solids: 95%

Date Collected: 10/08/25 00:00
Date Received: 10/08/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	1960		mg/kg	8.33	2.71	2	10/10/25 03:52	10/13/25 23:50	EPA 3050B	1,6010D	MFR
Antimony, Total	ND		mg/kg	4.16	3.21	2	10/10/25 03:52	10/13/25 23:50	EPA 3050B	1,6010D	MFR
Arsenic, Total	0.497	J	mg/kg	0.833	0.360	2	10/10/25 03:52	10/13/25 23:50	EPA 3050B	1,6010D	MFR
Barium, Total	11.5		mg/kg	0.833	0.088	2	10/10/25 03:52	10/13/25 23:50	EPA 3050B	1,6010D	MFR
Beryllium, Total	ND		mg/kg	0.416	0.046	2	10/10/25 03:52	10/13/25 23:50	EPA 3050B	1,6010D	MFR
Cadmium, Total	ND		mg/kg	0.833	0.046	2	10/10/25 03:52	10/13/25 23:50	EPA 3050B	1,6010D	MFR
Calcium, Total	495		mg/kg	8.33	4.72	2	10/10/25 03:52	10/13/25 23:50	EPA 3050B	1,6010D	MFR
Chromium, Total	6.01		mg/kg	0.833	0.706	2	10/10/25 03:52	10/13/25 23:50	EPA 3050B	1,6010D	MFR
Cobalt, Total	1.18	J	mg/kg	1.67	0.206	2	10/10/25 03:52	10/13/25 23:50	EPA 3050B	1,6010D	MFR
Copper, Total	2.91		mg/kg	0.833	0.189	2	10/10/25 03:52	10/13/25 23:50	EPA 3050B	1,6010D	MFR
Iron, Total	3170		mg/kg	4.16	0.875	2	10/10/25 03:52	10/13/25 23:50	EPA 3050B	1,6010D	MFR
Lead, Total	1.68	J	mg/kg	4.16	0.198	2	10/10/25 03:52	10/13/25 23:50	EPA 3050B	1,6010D	MFR
Magnesium, Total	897		mg/kg	8.33	1.36	2	10/10/25 03:52	10/13/25 23:50	EPA 3050B	1,6010D	MFR
Manganese, Total	25.6		mg/kg	0.833	0.446	2	10/10/25 03:52	10/13/25 23:50	EPA 3050B	1,6010D	MFR
Mercury, Total	ND		mg/kg	0.085	0.055	1	10/14/25 12:12	10/14/25 14:26	EPA 7471B	1,7471B	JWN
Nickel, Total	3.46		mg/kg	2.08	0.673	2	10/10/25 03:52	10/13/25 23:50	EPA 3050B	1,6010D	MFR
Potassium, Total	620		mg/kg	208	42.2	2	10/10/25 03:52	10/13/25 23:50	EPA 3050B	1,6010D	MFR
Selenium, Total	ND		mg/kg	1.67	0.274	2	10/10/25 03:52	10/13/25 23:50	EPA 3050B	1,6010D	MFR
Silver, Total	ND		mg/kg	0.416	0.248	2	10/10/25 03:52	10/13/25 23:50	EPA 3050B	1,6010D	MFR
Sodium, Total	ND		mg/kg	167	88.3	2	10/10/25 03:52	10/13/25 23:50	EPA 3050B	1,6010D	MFR
Thallium, Total	ND		mg/kg	1.67	0.751	2	10/10/25 03:52	10/13/25 23:50	EPA 3050B	1,6010D	MFR
Vanadium, Total	5.76		mg/kg	0.833	0.126	2	10/10/25 03:52	10/13/25 23:50	EPA 3050B	1,6010D	MFR
Zinc, Total	8.55		mg/kg	4.16	0.505	2	10/10/25 03:52	10/13/25 23:50	EPA 3050B	1,6010D	MFR

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-26 Date Collected: 10/08/25 12:15

Client ID: FIELD BLANK Date Received: 10/08/25

Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.100	0.0318	1	10/10/25 16:36	10/21/25 13:45	EPA 3005A	1,6010D	MJR
Antimony, Total	ND		mg/l	0.0500	0.0071	1	10/10/25 16:36	10/21/25 13:45	EPA 3005A	1,6010D	MJR
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	10/10/25 16:36	10/21/25 13:45	EPA 3005A	1,6010D	MJR
Barium, Total	ND		mg/l	0.0100	0.0021	1	10/10/25 16:36	10/21/25 13:45	EPA 3005A	1,6010D	MJR
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	10/10/25 16:36	10/21/25 13:45	EPA 3005A	1,6010D	MJR
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	10/10/25 16:36	10/21/25 13:45	EPA 3005A	1,6010D	MJR
Calcium, Total	ND		mg/l	0.100	0.0350	1	10/10/25 16:36	10/21/25 13:45	EPA 3005A	1,6010D	MJR
Chromium, Total	ND		mg/l	0.0100	0.0021	1	10/10/25 16:36	10/21/25 13:45	EPA 3005A	1,6010D	MJR
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	10/10/25 16:36	10/21/25 13:45	EPA 3005A	1,6010D	MJR
Copper, Total	ND		mg/l	0.0100	0.0022	1	10/10/25 16:36	10/21/25 13:45	EPA 3005A	1,6010D	MJR
Iron, Total	ND		mg/l	0.0500	0.0090	1	10/10/25 16:36	10/21/25 13:45	EPA 3005A	1,6010D	MJR
Lead, Total	ND		mg/l	0.0100	0.0027	1	10/10/25 16:36	10/21/25 13:45	EPA 3005A	1,6010D	MJR
Magnesium, Total	ND		mg/l	0.100	0.0153	1	10/10/25 16:36	10/21/25 13:45	EPA 3005A	1,6010D	MJR
Manganese, Total	ND		mg/l	0.0100	0.0016	1	10/10/25 16:36	10/21/25 13:45	EPA 3005A	1,6010D	MJR
Mercury, Total	ND		mg/l	0.00040	0.00018	1	10/10/25 17:30	10/16/25 14:02	EPA 7470A	1,7470A	JWN
Nickel, Total	ND		mg/l	0.0250	0.0024	1	10/10/25 16:36	10/21/25 13:45	EPA 3005A	1,6010D	MJR
Potassium, Total	ND		mg/l	2.50	0.237	1	10/10/25 16:36	10/21/25 13:45	EPA 3005A	1,6010D	MJR
Selenium, Total	ND		mg/l	0.0100	0.0035	1	10/10/25 16:36	10/21/25 13:45	EPA 3005A	1,6010D	MJR
Silver, Total	ND		mg/l	0.0070	0.0028	1	10/10/25 16:36	10/21/25 13:45	EPA 3005A	1,6010D	MJR
Sodium, Total	ND		mg/l	2.00	0.120	1	10/10/25 16:36	10/21/25 13:45	EPA 3005A	1,6010D	MJR
Thallium, Total	ND		mg/l	0.0200	0.0025	1	10/10/25 16:36	10/21/25 13:45	EPA 3005A	1,6010D	MJR
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	10/10/25 16:36	10/21/25 13:45	EPA 3005A	1,6010D	MJR
Zinc, Total	ND		mg/l	0.0500	0.0021	1	10/10/25 16:36	10/21/25 13:45	EPA 3005A	1,6010D	MJR

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-10 Batch: WG2125943-1										
Aluminum, Total	ND		mg/kg	4.00	1.30	1	10/09/25 22:03	10/13/25 11:19	1,6010D	JMF
Antimony, Total	ND		mg/kg	2.00	1.54	1	10/09/25 22:03	10/13/25 11:19	1,6010D	JMF
Arsenic, Total	ND		mg/kg	0.400	0.173	1	10/09/25 22:03	10/13/25 11:19	1,6010D	JMF
Barium, Total	ND		mg/kg	0.400	0.042	1	10/09/25 22:03	10/13/25 11:19	1,6010D	JMF
Beryllium, Total	ND		mg/kg	0.200	0.022	1	10/09/25 22:03	10/13/25 11:19	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.400	0.022	1	10/09/25 22:03	10/13/25 11:19	1,6010D	JMF
Calcium, Total	ND		mg/kg	4.00	2.27	1	10/09/25 22:03	10/13/25 11:19	1,6010D	JMF
Chromium, Total	ND		mg/kg	0.400	0.339	1	10/09/25 22:03	10/13/25 11:19	1,6010D	JMF
Cobalt, Total	ND		mg/kg	0.800	0.099	1	10/09/25 22:03	10/13/25 11:19	1,6010D	JMF
Copper, Total	ND		mg/kg	0.400	0.091	1	10/09/25 22:03	10/13/25 11:19	1,6010D	JMF
Iron, Total	0.440	J	mg/kg	2.00	0.420	1	10/09/25 22:03	10/13/25 11:19	1,6010D	JMF
Lead, Total	ND		mg/kg	2.00	0.095	1	10/09/25 22:03	10/13/25 11:19	1,6010D	JMF
Magnesium, Total	ND		mg/kg	4.00	0.652	1	10/09/25 22:03	10/13/25 11:19	1,6010D	JMF
Manganese, Total	ND		mg/kg	0.400	0.214	1	10/09/25 22:03	10/13/25 11:19	1,6010D	JMF
Nickel, Total	ND		mg/kg	1.00	0.323	1	10/09/25 22:03	10/13/25 11:19	1,6010D	JMF
Potassium, Total	ND		mg/kg	100	20.3	1	10/09/25 22:03	10/13/25 11:19	1,6010D	JMF
Selenium, Total	ND		mg/kg	0.800	0.132	1	10/09/25 22:03	10/13/25 11:19	1,6010D	JMF
Silver, Total	ND		mg/kg	0.200	0.119	1	10/09/25 22:03	10/13/25 11:19	1,6010D	JMF
Sodium, Total	ND		mg/kg	80.0	42.4	1	10/09/25 22:03	10/13/25 11:19	1,6010D	JMF
Thallium, Total	ND		mg/kg	0.800	0.361	1	10/09/25 22:03	10/13/25 11:19	1,6010D	JMF
Vanadium, Total	ND		mg/kg	0.400	0.060	1	10/09/25 22:03	10/13/25 11:19	1,6010D	JMF
Zinc, Total	ND		mg/kg	2.00	0.242	1	10/09/25 22:03	10/13/25 11:19	1,6010D	JMF

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-10,13-21 Batch: WG2125944-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	10/09/25 22:48	10/13/25 12:03	1,7471B	JWN

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 22-23 Batch: WG2125950-1										
Aluminum, Total	ND		mg/kg	4.00	1.30	1	10/10/25 03:52	10/13/25 23:11	1,6010D	MFR
Antimony, Total	ND		mg/kg	2.00	1.54	1	10/10/25 03:52	10/13/25 23:11	1,6010D	MFR
Arsenic, Total	ND		mg/kg	0.400	0.173	1	10/10/25 03:52	10/13/25 23:11	1,6010D	MFR
Barium, Total	ND		mg/kg	0.400	0.042	1	10/10/25 03:52	10/13/25 23:11	1,6010D	MFR
Beryllium, Total	ND		mg/kg	0.200	0.022	1	10/10/25 03:52	10/13/25 23:11	1,6010D	MFR
Cadmium, Total	ND		mg/kg	0.400	0.022	1	10/10/25 03:52	10/13/25 23:11	1,6010D	MFR
Calcium, Total	ND		mg/kg	4.00	2.27	1	10/10/25 03:52	10/13/25 23:11	1,6010D	MFR
Chromium, Total	ND		mg/kg	0.400	0.339	1	10/10/25 03:52	10/13/25 23:11	1,6010D	MFR
Cobalt, Total	ND		mg/kg	0.800	0.099	1	10/10/25 03:52	10/13/25 23:11	1,6010D	MFR
Copper, Total	ND		mg/kg	0.400	0.091	1	10/10/25 03:52	10/13/25 23:11	1,6010D	MFR
Iron, Total	0.475	J	mg/kg	2.00	0.420	1	10/10/25 03:52	10/13/25 23:11	1,6010D	MFR
Lead, Total	ND		mg/kg	2.00	0.095	1	10/10/25 03:52	10/13/25 23:11	1,6010D	MFR
Magnesium, Total	ND		mg/kg	4.00	0.652	1	10/10/25 03:52	10/13/25 23:11	1,6010D	MFR
Manganese, Total	ND		mg/kg	0.400	0.214	1	10/10/25 03:52	10/13/25 23:11	1,6010D	MFR
Nickel, Total	ND		mg/kg	1.00	0.323	1	10/10/25 03:52	10/13/25 23:11	1,6010D	MFR
Potassium, Total	ND		mg/kg	100	20.3	1	10/10/25 03:52	10/13/25 23:11	1,6010D	MFR
Selenium, Total	ND		mg/kg	0.800	0.132	1	10/10/25 03:52	10/13/25 23:11	1,6010D	MFR
Silver, Total	ND		mg/kg	0.200	0.119	1	10/10/25 03:52	10/13/25 23:11	1,6010D	MFR
Sodium, Total	ND		mg/kg	80.0	42.4	1	10/10/25 03:52	10/13/25 23:11	1,6010D	MFR
Thallium, Total	ND		mg/kg	0.800	0.361	1	10/10/25 03:52	10/13/25 23:11	1,6010D	MFR
Vanadium, Total	ND		mg/kg	0.400	0.060	1	10/10/25 03:52	10/13/25 23:11	1,6010D	MFR
Zinc, Total	ND		mg/kg	2.00	0.242	1	10/10/25 03:52	10/13/25 23:11	1,6010D	MFR

Prep Information

Digestion Method: EPA 3050B

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 26 Batch: WG2126353-1										
Aluminum, Total	ND		mg/l	0.100	0.0318	1	10/10/25 16:36	10/14/25 16:22	1,6010D	MJR
Antimony, Total	ND		mg/l	0.0500	0.0071	1	10/10/25 16:36	10/14/25 16:22	1,6010D	MJR
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	10/10/25 16:36	10/14/25 16:22	1,6010D	MJR
Barium, Total	ND		mg/l	0.0100	0.0021	1	10/10/25 16:36	10/14/25 16:22	1,6010D	MJR
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	10/10/25 16:36	10/14/25 16:22	1,6010D	MJR
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	10/10/25 16:36	10/14/25 16:22	1,6010D	MJR
Calcium, Total	ND		mg/l	0.100	0.0350	1	10/10/25 16:36	10/14/25 16:22	1,6010D	MJR
Chromium, Total	ND		mg/l	0.0100	0.0021	1	10/10/25 16:36	10/14/25 16:22	1,6010D	MJR
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	10/10/25 16:36	10/14/25 16:22	1,6010D	MJR
Copper, Total	ND		mg/l	0.0100	0.0022	1	10/10/25 16:36	10/14/25 16:22	1,6010D	MJR
Iron, Total	ND		mg/l	0.0500	0.0090	1	10/10/25 16:36	10/14/25 16:22	1,6010D	MJR
Lead, Total	ND		mg/l	0.0100	0.0027	1	10/10/25 16:36	10/14/25 16:22	1,6010D	MJR
Magnesium, Total	ND		mg/l	0.100	0.0153	1	10/10/25 16:36	10/14/25 16:22	1,6010D	MJR
Manganese, Total	ND		mg/l	0.0100	0.0016	1	10/10/25 16:36	10/14/25 16:22	1,6010D	MJR
Nickel, Total	ND		mg/l	0.0250	0.0024	1	10/10/25 16:36	10/14/25 16:22	1,6010D	MJR
Potassium, Total	ND		mg/l	2.50	0.237	1	10/10/25 16:36	10/14/25 16:22	1,6010D	MJR
Selenium, Total	ND		mg/l	0.0100	0.0035	1	10/10/25 16:36	10/14/25 16:22	1,6010D	MJR
Silver, Total	ND		mg/l	0.0070	0.0028	1	10/10/25 16:36	10/14/25 16:22	1,6010D	MJR
Sodium, Total	ND		mg/l	2.00	0.120	1	10/10/25 16:36	10/14/25 16:22	1,6010D	MJR
Thallium, Total	ND		mg/l	0.0200	0.0025	1	10/10/25 16:36	10/14/25 16:22	1,6010D	MJR
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	10/10/25 16:36	10/14/25 16:22	1,6010D	MJR
Zinc, Total	ND		mg/l	0.0500	0.0021	1	10/10/25 16:36	10/14/25 16:22	1,6010D	MJR

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 26 Batch: WG2126358-1										
Mercury, Total	0.00022	J	mg/l	0.00040	0.00018	1	10/10/25 17:30	10/16/25 13:39	1,7470A	JWN

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 13-21 Batch: WG2126407-1										
Aluminum, Total	ND		mg/kg	4.00	1.30	1	10/10/25 19:57	10/14/25 21:07	1,6010D	JMF
Antimony, Total	ND		mg/kg	2.00	1.54	1	10/10/25 19:57	10/14/25 21:07	1,6010D	JMF
Arsenic, Total	ND		mg/kg	0.400	0.173	1	10/10/25 19:57	10/14/25 21:07	1,6010D	JMF
Barium, Total	ND		mg/kg	0.400	0.042	1	10/10/25 19:57	10/14/25 21:07	1,6010D	JMF
Beryllium, Total	ND		mg/kg	0.200	0.022	1	10/10/25 19:57	10/14/25 21:07	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.400	0.022	1	10/10/25 19:57	10/14/25 21:07	1,6010D	JMF
Calcium, Total	ND		mg/kg	4.00	2.27	1	10/10/25 19:57	10/14/25 21:07	1,6010D	JMF
Chromium, Total	ND		mg/kg	0.400	0.339	1	10/10/25 19:57	10/14/25 21:07	1,6010D	JMF
Cobalt, Total	ND		mg/kg	0.800	0.099	1	10/10/25 19:57	10/14/25 21:07	1,6010D	JMF
Copper, Total	ND		mg/kg	0.400	0.091	1	10/10/25 19:57	10/14/25 21:07	1,6010D	JMF
Iron, Total	1.47	J	mg/kg	2.00	0.420	1	10/10/25 19:57	10/14/25 21:07	1,6010D	JMF
Lead, Total	ND		mg/kg	2.00	0.095	1	10/10/25 19:57	10/14/25 21:07	1,6010D	JMF
Magnesium, Total	ND		mg/kg	4.00	0.652	1	10/10/25 19:57	10/14/25 21:07	1,6010D	JMF
Manganese, Total	ND		mg/kg	0.400	0.214	1	10/10/25 19:57	10/14/25 21:07	1,6010D	JMF
Nickel, Total	ND		mg/kg	1.00	0.323	1	10/10/25 19:57	10/14/25 21:07	1,6010D	JMF
Potassium, Total	ND		mg/kg	100	20.3	1	10/10/25 19:57	10/14/25 21:07	1,6010D	JMF
Selenium, Total	ND		mg/kg	0.800	0.132	1	10/10/25 19:57	10/14/25 21:07	1,6010D	JMF
Silver, Total	ND		mg/kg	0.200	0.119	1	10/10/25 19:57	10/14/25 21:07	1,6010D	JMF
Sodium, Total	ND		mg/kg	80.0	42.4	1	10/10/25 19:57	10/14/25 21:07	1,6010D	JMF
Thallium, Total	ND		mg/kg	0.800	0.361	1	10/10/25 19:57	10/14/25 21:07	1,6010D	JMF
Vanadium, Total	ND		mg/kg	0.400	0.060	1	10/10/25 19:57	10/14/25 21:07	1,6010D	JMF
Zinc, Total	ND		mg/kg	2.00	0.242	1	10/10/25 19:57	10/14/25 21:07	1,6010D	JMF

Prep Information

Digestion Method: EPA 3050B

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 22-23 Batch: WG2127565-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	10/14/25 12:12	10/14/25 13:56	1,7471B	JWN

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 Batch: WG2125943-2								
Aluminum, Total	112		-		80-120	-		20
Antimony, Total	106		-		80-120	-		20
Arsenic, Total	108		-		80-120	-		20
Barium, Total	105		-		80-120	-		20
Beryllium, Total	109		-		80-120	-		20
Cadmium, Total	106		-		80-120	-		20
Calcium, Total	112		-		80-120	-		20
Chromium, Total	105		-		80-120	-		20
Cobalt, Total	106		-		80-120	-		20
Copper, Total	104		-		80-120	-		20
Iron, Total	112		-		80-120	-		20
Lead, Total	107		-		80-120	-		20
Magnesium, Total	107		-		80-120	-		20
Manganese, Total	106		-		80-120	-		20
Nickel, Total	106		-		80-120	-		20
Potassium, Total	114		-		80-120	-		20
Selenium, Total	108		-		80-120	-		20
Silver, Total	104		-		80-120	-		20
Sodium, Total	115		-		80-120	-		20
Thallium, Total	106		-		80-120	-		20
Vanadium, Total	108		-		80-120	-		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 Batch: WG2125943-2					
Zinc, Total	106	-	80-120	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-10,13-21 Batch: WG2125944-2					
Mercury, Total	95	-	80-120	-	20

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 22-23 Batch: WG2125950-2					
Aluminum, Total	108	-	80-120	-	20
Antimony, Total	106	-	80-120	-	20
Arsenic, Total	104	-	80-120	-	20
Barium, Total	105	-	80-120	-	20
Beryllium, Total	108	-	80-120	-	20
Cadmium, Total	107	-	80-120	-	20
Calcium, Total	109	-	80-120	-	20
Chromium, Total	107	-	80-120	-	20
Cobalt, Total	105	-	80-120	-	20
Copper, Total	107	-	80-120	-	20
Iron, Total	108	-	80-120	-	20
Lead, Total	105	-	80-120	-	20
Magnesium, Total	107	-	80-120	-	20
Manganese, Total	106	-	80-120	-	20
Nickel, Total	108	-	80-120	-	20
Potassium, Total	110	-	80-120	-	20
Selenium, Total	104	-	80-120	-	20
Silver, Total	106	-	80-120	-	20
Sodium, Total	111	-	80-120	-	20
Thallium, Total	104	-	80-120	-	20
Vanadium, Total	109	-	80-120	-	20

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 22-23 Batch: WG2125950-2					
Zinc, Total	105	-	80-120	-	20

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 26 Batch: WG2126353-2					
Aluminum, Total	106	-	80-120	-	20
Antimony, Total	93	-	80-120	-	20
Arsenic, Total	99	-	80-120	-	20
Barium, Total	104	-	80-120	-	20
Beryllium, Total	101	-	80-120	-	20
Cadmium, Total	101	-	80-120	-	20
Calcium, Total	102	-	80-120	-	20
Chromium, Total	106	-	80-120	-	20
Cobalt, Total	101	-	80-120	-	20
Copper, Total	105	-	80-120	-	20
Iron, Total	101	-	80-120	-	20
Lead, Total	101	-	80-120	-	20
Magnesium, Total	102	-	80-120	-	20
Manganese, Total	100	-	80-120	-	20
Nickel, Total	102	-	80-120	-	20
Potassium, Total	107	-	80-120	-	20
Selenium, Total	99	-	80-120	-	20
Silver, Total	105	-	80-120	-	20
Sodium, Total	104	-	80-120	-	20
Thallium, Total	102	-	80-120	-	20
Vanadium, Total	106	-	80-120	-	20

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 26 Batch: WG2126353-2					
Zinc, Total	102	-	80-120	-	20
Total Metals - Mansfield Lab Associated sample(s): 26 Batch: WG2126358-2					
Mercury, Total	108	-	80-120	-	20

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 13-21 Batch: WG2126407-2					
Aluminum, Total	104	-	80-120	-	20
Antimony, Total	102	-	80-120	-	20
Arsenic, Total	100	-	80-120	-	20
Barium, Total	101	-	80-120	-	20
Beryllium, Total	104	-	80-120	-	20
Cadmium, Total	101	-	80-120	-	20
Calcium, Total	106	-	80-120	-	20
Chromium, Total	103	-	80-120	-	20
Cobalt, Total	101	-	80-120	-	20
Copper, Total	103	-	80-120	-	20
Iron, Total	107	-	80-120	-	20
Lead, Total	104	-	80-120	-	20
Magnesium, Total	105	-	80-120	-	20
Manganese, Total	104	-	80-120	-	20
Nickel, Total	103	-	80-120	-	20
Potassium, Total	104	-	80-120	-	20
Selenium, Total	100	-	80-120	-	20
Silver, Total	103	-	80-120	-	20
Sodium, Total	104	-	80-120	-	20
Thallium, Total	103	-	80-120	-	20
Vanadium, Total	106	-	80-120	-	20

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 13-21 Batch: WG2126407-2					
Zinc, Total	100	-	80-120	-	20
Total Metals - Mansfield Lab Associated sample(s): 22-23 Batch: WG2127565-2					
Mercury, Total	97	-	80-120	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG2125943-3 QC Sample: L2563688-01 Client ID: MS Sample												
Aluminum, Total	2080	169	3370	**763**	Q	-	-		75-125	-		
Antimony, Total	ND	42.3	21.6	**51**	Q	-	-		75-125	-		
Arsenic, Total	6.40	10.1	19.0	124		-	-		75-125	-		
Barium, Total	8.88	169	181	102		-	-		75-125	-		
Beryllium, Total	0.180J	4.23	4.51	107		-	-		75-125	-		
Cadmium, Total	ND	4.48	4.48	100		-	-		75-125	-		
Calcium, Total	266	846	1300	122		-	-		75-125	-		
Chromium, Total	11.3	16.9	27.7	97		-	-		75-125	-		
Cobalt, Total	1.29J	42.3	43.9	104		-	-		75-125	-		
Copper, Total	5.85	21.1	27.2	101		-	-		75-125	-		
Iron, Total	10200	84.6	11100	**1060**	Q	-	-		75-125	-		
Lead, Total	18.0	44.8	61.7	98		-	-		75-125	-		
Magnesium, Total	239	846	1260	121		-	-		75-125	-		
Manganese, Total	30.4	42.3	68.3	90		-	-		75-125	-		
Nickel, Total	2.21	42.3	44.8	101		-	-		75-125	-		
Potassium, Total	349	846	1460	**131**	Q	-	-		75-125	-		
Selenium, Total	ND	10.1	8.78	86		-	-		75-125	-		
Silver, Total	ND	4.23	4.29	101		-	-		75-125	-		
Sodium, Total	ND	846	948	112		-	-		75-125	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG2125943-3 QC Sample: L2563688-01 Client ID: MS Sample												
Thallium, Total	ND	10.1	10.3	102		-	-		75-125	-		
Vanadium, Total	17.3	42.3	65.2	113		-	-		75-125	-		
Zinc, Total	15.6	42.3	57.8	100		-	-		75-125	-		
Total Metals - Mansfield Lab Associated sample(s): 01-10,13-21 QC Batch ID: WG2125944-3 WG2125944-4 QC Sample: L2563358-21 Client ID: GZ-09 (0-2')												
Mercury, Total	0.138	1.52	1.66	100		1.52	102		80-120	9		20

Matrix Spike Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 22-23 QC Batch ID: WG2125950-3 QC Sample: L2563374-02 Client ID: MS Sample												
Aluminum, Total	6900	162	6390	**0**	Q	-	-		75-125	-		
Antimony, Total	ND	40.4	17.4	**43**	Q	-	-		75-125	-		
Arsenic, Total	6.87	9.69	17.9	114		-	-		75-125	-		
Barium, Total	58.3	162	222	101		-	-		75-125	-		
Beryllium, Total	0.384J	4.04	4.52	112		-	-		75-125	-		
Cadmium, Total	ND	4.28	4.68	109		-	-		75-125	-		
Calcium, Total	44300	808	55200	**1350**	Q	-	-		75-125	-		
Chromium, Total	17.0	16.2	29.2	76		-	-		75-125	-		
Cobalt, Total	8.47	40.4	47.1	96		-	-		75-125	-		
Copper, Total	32.3	20.2	51.9	97		-	-		75-125	-		
Iron, Total	17800	80.8	17000	**0**	Q	-	-		75-125	-		
Lead, Total	73.2	42.8	112	91		-	-		75-125	-		
Magnesium, Total	4220	808	5230	125		-	-		75-125	-		
Manganese, Total	432	40.4	1590	**2870**	Q	-	-		75-125	-		
Nickel, Total	24.3	40.4	60.2	89		-	-		75-125	-		
Potassium, Total	454	808	1150	86		-	-		75-125	-		
Selenium, Total	2.22	9.69	11.4	95		-	-		75-125	-		
Silver, Total	ND	4.04	4.40	109		-	-		75-125	-		
Sodium, Total	ND	808	985	122		-	-		75-125	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 22-23 QC Batch ID: WG2125950-3 QC Sample: L2563374-02 Client ID: MS Sample												
Thallium, Total	ND	9.69	8.96	92		-	-		75-125	-		
Vanadium, Total	14.4	40.4	56.2	103		-	-		75-125	-		
Zinc, Total	111	40.4	191	**198**	Q	-	-		75-125	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 26	QC Batch ID: WG2126353-3	WG2126353-4	QC Sample: L2563596-02	Client ID: MS Sample								
Aluminum, Total	ND	2	2.31	116		2.22	111		75-125	4		20
Antimony, Total	ND	0.5	0.564	113		0.534	107		75-125	5		20
Arsenic, Total	ND	0.12	0.137	114		0.132	110		75-125	4		20
Barium, Total	0.408	2	2.63	111		2.51	105		75-125	5		20
Beryllium, Total	ND	0.05	0.0531	106		0.0503	101		75-125	5		20
Cadmium, Total	ND	0.053	0.0570	108		0.0540	102		75-125	5		20
Calcium, Total	123.	10	140	**170**	Q	131	80		75-125	7		20
Chromium, Total	ND	0.2	0.217	108		0.207	104		75-125	5		20
Cobalt, Total	ND	0.5	0.546	109		0.514	103		75-125	6		20
Copper, Total	ND	0.25	0.278	111		0.264	106		75-125	5		20
Iron, Total	9.41	1	10.8	**139**	Q	10.2	79		75-125	6		20
Lead, Total	ND	0.53	0.549	104		0.530	100		75-125	4		20
Magnesium, Total	72.0	10	84.6	**126**	Q	79.5	75		75-125	6		20
Manganese, Total	0.0997	0.5	0.612	102		0.576	95		75-125	6		20
Nickel, Total	ND	0.5	0.543	109		0.515	103		75-125	5		20
Potassium, Total	18.5	10	31.5	**130**	Q	29.8	113		75-125	6		20
Selenium, Total	ND	0.12	0.128	107		0.125	104		75-125	2		20
Silver, Total	ND	0.05	0.0549	110		0.0526	105		75-125	4		20
Sodium, Total	549.	10	570	**210**	Q	560	110		75-125	2		20

Matrix Spike Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 26	QC Batch ID: WG2126353-3					WG2126353-4			QC Sample: L2563596-02		Client ID:	MS Sample
Thallium, Total	ND	0.12	0.114	95		0.105	88		75-125	8		20
Vanadium, Total	ND	0.5	0.556	111		0.530	106		75-125	5		20
Zinc, Total	ND	0.5	0.557	111		0.528	106		75-125	5		20

Matrix Spike Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 26 QC Batch ID: WG2126353-7 QC Sample: L2563253-05 Client ID: MS Sample												
Aluminum, Total	0.113	2	2.19	104		-	-		75-125	-		
Antimony, Total	ND	0.5	0.507	101		-	-		75-125	-		
Arsenic, Total	0.0186	0.12	0.149	109		-	-		75-125	-		
Barium, Total	0.009J	2	2.05	102		-	-		75-125	-		
Beryllium, Total	ND	0.05	0.0525	105		-	-		75-125	-		
Cadmium, Total	ND	0.053	0.0533	100		-	-		75-125	-		
Calcium, Total	73.8	10	82.9	91		-	-		75-125	-		
Chromium, Total	0.125	0.2	0.328	102		-	-		75-125	-		
Cobalt, Total	0.004J	0.5	0.504	101		-	-		75-125	-		
Copper, Total	0.031	0.25	0.287	102		-	-		75-125	-		
Iron, Total	2.97	1	3.98	101		-	-		75-125	-		
Lead, Total	ND	0.53	0.521	98		-	-		75-125	-		
Magnesium, Total	14.0	10	23.2	92		-	-		75-125	-		
Manganese, Total	0.373	0.5	0.884	102		-	-		75-125	-		
Nickel, Total	0.176	0.5	0.679	101		-	-		75-125	-		
Potassium, Total	6.41	10	17.1	107		-	-		75-125	-		
Selenium, Total	ND	0.12	0.120	100		-	-		75-125	-		
Silver, Total	ND	0.05	0.0511	102		-	-		75-125	-		
Sodium, Total	28.1	10	38.4	103		-	-		75-125	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 26 QC Batch ID: WG2126353-7 QC Sample: L2563253-05 Client ID: MS Sample												
Thallium, Total	ND	0.12	0.120	100		-	-		75-125	-		
Vanadium, Total	ND	0.5	0.533	107		-	-		75-125	-		
Zinc, Total	0.031J	0.5	0.541	108		-	-		75-125	-		
Total Metals - Mansfield Lab Associated sample(s): 26 QC Batch ID: WG2126358-3 WG2126358-4 QC Sample: L2563596-02 Client ID: MS Sample												
Mercury, Total	0.00021J	0.005	0.00500	100		0.00497	100		75-125	0		20

Matrix Spike Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 13-21 QC Batch ID: WG2126407-3 WG2126407-4 QC Sample: L2563358-21 Client ID: GZ-09 (0-2')												
Aluminum, Total	1520	164	1770	**153**	Q	2240	**442**	Q	75-125	**23**	Q	20
Antimony, Total	ND	40.9	34.3	84		30.8	76		75-125	11		20
Arsenic, Total	1.70	9.83	11.6	101		11.8	103		75-125	2		20
Barium, Total	18.9	164	181	99		188	104		75-125	4		20
Beryllium, Total	0.122J	4.09	4.34	106		4.27	105		75-125	2		20
Cadmium, Total	0.208J	4.34	4.73	109		4.64	107		75-125	2		20
Calcium, Total	880	819	1590	87		1620	91		75-125	2		20
Chromium, Total	5.04	16.4	20.9	97		22.8	109		75-125	9		20
Cobalt, Total	1.62	40.9	42.6	100		42.8	101		75-125	0		20
Copper, Total	14.9	20.5	38.3	114		31.8	83		75-125	19		20
Iron, Total	4520	81.9	5190	**818**	Q	5880	**1670**	Q	75-125	12		20
Lead, Total	25.3	43.4	67.1	96		64.0	90		75-125	5		20
Magnesium, Total	710	819	1400	84		1540	102		75-125	10		20
Manganese, Total	37.9	40.9	79.1	101		83.1	111		75-125	5		20
Nickel, Total	3.83	40.9	46.4	104		46.4	104		75-125	0		20
Potassium, Total	339	819	1200	105		1370	**126**	Q	75-125	13		20
Selenium, Total	ND	9.83	9.48	96		9.17	94		75-125	3		20
Silver, Total	ND	4.09	4.08	100		4.04	99		75-125	1		20
Sodium, Total	ND	819	890	109		901	111		75-125	1		20

Matrix Spike Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 13-21 QC Batch ID: WG2126407-3 WG2126407-4 QC Sample: L2563358-21 Client ID: GZ-09 (0-2')												
Thallium, Total	ND	9.83	9.44	96		9.22	94		75-125	2		20
Vanadium, Total	6.37	40.9	47.6	101		49.3	105		75-125	4		20
Zinc, Total	105	40.9	100	**0**	Q	83.0	**0**	Q	75-125	19		20

Matrix Spike Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 13-21 QC Batch ID: WG2126407-7 WG2126407-8 QC Sample: L2563643-05 Client ID: MS Sample												
Aluminum, Total	7670	195	5130	**0**	Q	8590	**484**	Q	75-125	**50**	Q	20
Antimony, Total	ND	48.7	30.7	**63**	Q	26.9	**56**	Q	75-125	13		20
Arsenic, Total	3.58	11.7	13.5	85		13.5	87		75-125	0		20
Barium, Total	73.2	195	231	81		253	94		75-125	9		20
Beryllium, Total	0.930J	4.87	5.51	113		5.95	125		75-125	8		20
Cadmium, Total	0.210J	5.16	5.13	99		5.38	107		75-125	5		20
Calcium, Total	1160	974	1860	**72**	Q	2000	88		75-125	7		20
Chromium, Total	33.3	19.5	49.0	80		54.0	109		75-125	10		20
Cobalt, Total	9.51	48.7	53.7	91		59.0	104		75-125	9		20
Copper, Total	38.0	24.3	44.4	**26**	Q	73.6	**150**	Q	75-125	**49**	Q	20
Iron, Total	33400	97.4	18300	**0**	Q	46800	**14100**	Q	75-125	**88**	Q	20
Lead, Total	83.0	51.6	124	79		99.1	**32**	Q	75-125	**22**	Q	20
Magnesium, Total	3080	974	3260	**18**	Q	3870	83		75-125	17		20
Manganese, Total	584	48.7	339	**0**	Q	720	**286**	Q	75-125	**72**	Q	20
Nickel, Total	16.9	48.7	59.0	86		68.4	108		75-125	15		20
Potassium, Total	2330	974	2070	**0**	Q	3070	78		75-125	**39**	Q	20
Selenium, Total	ND	11.7	10.4	89		7.67	**67**	Q	75-125	**30**	Q	20
Silver, Total	ND	4.87	4.92	101		4.87	102		75-125	1		20
Sodium, Total	ND	974	1100	113		1100	116		75-125	0		20

Matrix Spike Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 13-21 QC Batch ID: WG2126407-7 WG2126407-8 QC Sample: L2563643-05 Client ID: MS Sample												
Thallium, Total	ND	11.7	12.1	104		12.2	107		75-125	1		20
Vanadium, Total	56.6	48.7	78.9	**46**	Q	111	114		75-125	**34**	Q	20
Zinc, Total	117	48.7	111	**0**	Q	197	**168**	Q	75-125	**56**	Q	20
Total Metals - Mansfield Lab Associated sample(s): 22-23 QC Batch ID: WG2127565-3 QC Sample: L2562555-03 Client ID: MS Sample												
Mercury, Total	0.068J	2.05	2.03	99		-	-		80-120	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT

Project Number: 41.0163476.00

Lab Number: L2563358

Report Date: 10/21/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG2125943-4 QC Sample: L2563688-01 Client ID: DUP Sample						
Antimony, Total	ND	ND	mg/kg	NC		20
Lead, Total	18.0	15.8	mg/kg	13		20
Zinc, Total	15.6	14.8	mg/kg	5		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT

Project Number: 41.0163476.00

Lab Number: L2563358

Report Date: 10/21/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 22-23 QC Batch ID: WG2125950-4 QC Sample: L2563374-02 Client ID: DUP Sample						
Aluminum, Total	6900	6340	mg/kg	8		20
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	6.87	14.8	mg/kg	**73**	Q	20
Barium, Total	58.3	53.0	mg/kg	10		20
Beryllium, Total	0.384J	0.376J	mg/kg	NC		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Calcium, Total	44300	70100	mg/kg	**45**	Q	20
Chromium, Total	17.0	14.7	mg/kg	15		20
Cobalt, Total	8.47	8.21	mg/kg	3		20
Copper, Total	32.3	34.1	mg/kg	5		20
Iron, Total	17800	18800	mg/kg	5		20
Lead, Total	73.2	71.2	mg/kg	3		20
Magnesium, Total	4220	3960	mg/kg	6		20
Manganese, Total	432	411	mg/kg	5		20
Nickel, Total	24.3	21.0	mg/kg	15		20
Potassium, Total	454	458	mg/kg	1		20
Selenium, Total	2.22	1.69	mg/kg	**27**	Q	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT

Project Number: 41.0163476.00

Lab Number: L2563358

Report Date: 10/21/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 22-23 QC Batch ID: WG2125950-4 QC Sample: L2563374-02 Client ID: DUP Sample						
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	ND	94.9J	mg/kg	NC		20
Thallium, Total	ND	ND	mg/kg	NC		20
Vanadium, Total	14.4	14.6	mg/kg	1		20
Zinc, Total	111	106	mg/kg	5		20
Total Metals - Mansfield Lab Associated sample(s): 26 QC Batch ID: WG2126353-8 QC Sample: L2563253-05 Client ID: DUP Sample						
Chromium, Total	0.125	0.124	mg/l	1		20
Iron, Total	2.97	2.95	mg/l	1		20
Total Metals - Mansfield Lab Associated sample(s): 26 QC Batch ID: WG2126353-8 QC Sample: L2563253-05 Client ID: DUP Sample						
Arsenic, Total	0.0186	0.0185	mg/l	1		20
Total Metals - Mansfield Lab Associated sample(s): 22-23 QC Batch ID: WG2127565-4 QC Sample: L2562555-03 Client ID: DUP Sample						
Mercury, Total	0.068J	0.066J	mg/kg	NC		20

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2563358
Report Date: 10/21/25

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 22-23 QC Batch ID: WG2125950-6 QC Sample: L2563374-02 Client ID: DUP Sample						
Aluminum, Total	6900	7160	mg/kg	4		20
Barium, Total	58.3	60.6	mg/kg	4		20
Calcium, Total	44300	47200	mg/kg	7		20
Copper, Total	32.3	33.9	mg/kg	5		20
Iron, Total	17800	19300	mg/kg	8		20
Magnesium, Total	4220	4590	mg/kg	9		20
Manganese, Total	432	462	mg/kg	7		20
Zinc, Total	111	120	mg/kg	8		20
Total Metals - Mansfield Lab Associated sample(s): 26 QC Batch ID: WG2126353-6 QC Sample: L2563596-02 Client ID: DUP Sample						
Calcium, Total	123.	125.	mg/l	2		20
Iron, Total	9.41	9.58	mg/l	2		20
Magnesium, Total	72.0	71.1	mg/l	1		20
Sodium, Total	549.	564.	mg/l	3		20

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2563358
Report Date: 10/21/25

Parameter	Native Sample	Serial Dilution	Units	% D	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 13-21 QC Batch ID: WG2126407-10 QC Sample: L2563643-05 Client ID: DUP Sample					
Aluminum, Total	7670	8270	mg/kg	8	20
Barium, Total	73.2	80.2	mg/kg	10	20
Calcium, Total	1160	1170	mg/kg	1	20
Iron, Total	33400	36500	mg/kg	9	20
Magnesium, Total	3080	3350	mg/kg	9	20
Manganese, Total	584	620	mg/kg	6	20
Total Metals - Mansfield Lab Associated sample(s): 13-21 QC Batch ID: WG2126407-6 QC Sample: L2563358-21 Client ID: GZ-09 (0-2')					
Aluminum, Total	1520	1540	mg/kg	1	20
Calcium, Total	880	907	mg/kg	3	20
Iron, Total	4520	4660	mg/kg	3	20
Magnesium, Total	710	787	mg/kg	11	20
Manganese, Total	37.9	38.8	mg/kg	2	20
Zinc, Total	105	107	mg/kg	2	20

INORGANICS
&
MISCELLANEOUS

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-01
Client ID: GZ-02 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Sample Depth:
Matrix: Soil

Date Collected: 10/07/25 12:10
Date Received: 10/07/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.5		%	0.100	NA	1	-	10/08/25 23:33	121,2540G	JMN

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-02
Client ID: GZ-02 (2.5-4.5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Sample Depth:
Matrix: Soil

Date Collected: 10/07/25 12:15
Date Received: 10/07/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.9		%	0.100	NA	1	-	10/08/25 23:33	121,2540G	JMN

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-03
Client ID: GZ-05 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Sample Depth:
Matrix: Soil
Date Collected: 10/07/25 14:25
Date Received: 10/07/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	97.0		%	0.100	NA	1	-	10/08/25 23:33	121,2540G	JMN

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-04
Client ID: GZ-05 (2.5-4.5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Sample Depth:
Matrix: Soil
Date Collected: 10/07/25 14:30
Date Received: 10/07/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95.8		%	0.100	NA	1	-	10/08/25 23:33	121,2540G	JMN

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-05
Client ID: GZ-12 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Sample Depth:
Matrix: Soil

Date Collected: 10/07/25 14:10
Date Received: 10/07/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95.8		%	0.100	NA	1	-	10/08/25 23:33	121,2540G	JMN

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-06
Client ID: GZ-12 (2.5-4.5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Sample Depth:
Matrix: Soil
Date Collected: 10/07/25 14:15
Date Received: 10/07/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.9		%	0.100	NA	1	-	10/08/25 23:33	121,2540G	JMN

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-07
Client ID: GZ-13 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Sample Depth:
Matrix: Soil
Date Collected: 10/07/25 08:55
Date Received: 10/07/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95.0		%	0.100	NA	1	-	10/08/25 23:33	121,2540G	JMN

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-08
Client ID: GZ-13 (2.5-4.5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Sample Depth:
Matrix: Soil
Date Collected: 10/07/25 09:00
Date Received: 10/07/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95.8		%	0.100	NA	1	-	10/08/25 23:33	121,2540G	JMN

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-09
Client ID: GZ-14 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Sample Depth:
Matrix: Soil
Date Collected: 10/07/25 12:00
Date Received: 10/07/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95.9		%	0.100	NA	1	-	10/08/25 23:33	121,2540G	JMN

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-10
Client ID: GZ-14 (2.5-4.5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Sample Depth:
Matrix: Soil

Date Collected: 10/07/25 12:05
Date Received: 10/07/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.4		%	0.100	NA	1	-	10/08/25 23:33	121,2540G	JMN

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-13
Client ID: GZ-01 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Date Collected: 10/08/25 08:15
Date Received: 10/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.3		%	0.100	NA	1	-	10/09/25 10:37	121,2540G	ROI

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-14
Client ID: GZ-01 (2.5-4.5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Sample Depth:
Matrix: Soil

Date Collected: 10/08/25 08:20
Date Received: 10/08/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.3		%	0.100	NA	1	-	10/09/25 10:37	121,2540G	ROI

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-15
Client ID: GZ-03 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Sample Depth:
Matrix: Soil
Date Collected: 10/08/25 11:00
Date Received: 10/08/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	97.1		%	0.100	NA	1	-	10/09/25 10:37	121,2540G	ROI

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-16
Client ID: GZ-03 (2.5-4.5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Sample Depth:
Matrix: Soil

Date Collected: 10/08/25 11:05
Date Received: 10/08/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.2		%	0.100	NA	1	-	10/09/25 10:37	121,2540G	ROI

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-17
Client ID: GZ-04 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Sample Depth:
Matrix: Soil

Date Collected: 10/08/25 10:30
Date Received: 10/08/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.1		%	0.100	NA	1	-	10/09/25 10:37	121,2540G	ROI

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-18
Client ID: GZ-04 (3-5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Sample Depth:
Matrix: Soil
Date Collected: 10/08/25 10:35
Date Received: 10/08/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95.0		%	0.100	NA	1	-	10/09/25 10:37	121,2540G	ROI

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-19
Client ID: GZ-08 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Sample Depth:
Matrix: Soil
Date Collected: 10/08/25 08:50
Date Received: 10/08/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	96.7		%	0.100	NA	1	-	10/09/25 10:37	121,2540G	ROI

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-20
Client ID: GZ-08 (2.5-4.5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Sample Depth:
Matrix: Soil
Date Collected: 10/08/25 08:55
Date Received: 10/08/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.0		%	0.100	NA	1	-	10/09/25 10:37	121,2540G	ROI

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-21
Client ID: GZ-09 (0-2')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Sample Depth:
Matrix: Soil

Date Collected: 10/08/25 11:25
Date Received: 10/08/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	96.0		%	0.100	NA	1	-	10/09/25 10:37	121,2540G	ROI

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-22
Client ID: GZ-09 (2.5-4.5')
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Sample Depth:
Matrix: Soil

Date Collected: 10/08/25 11:30
Date Received: 10/08/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.2		%	0.100	NA	1	-	10/09/25 10:59	121,2540G	ROI

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2563358
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2563358-23
Client ID: DUPLICATE-2028-10-08
Sample Location: 53-01 BEACH CHANNEL DR. FAR ROCKAWAY, NY
Sample Depth:
Matrix: Soil

Date Collected: 10/08/25 00:00
Date Received: 10/08/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95.2		%	0.100	NA	1	-	10/09/25 10:59	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT

Project Number: 41.0163476.00

Lab Number: L2563358

Report Date: 10/21/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-10 QC Batch ID: WG2125460-1 QC Sample: L2563337-01 Client ID: DUP Sample						
Solids, Total	80.6	75.2	%	7		10
General Chemistry - Westborough Lab Associated sample(s): 13-21 QC Batch ID: WG2125635-1 QC Sample: L2563358-21 Client ID: GZ-09 (0-2')						
Solids, Total	96.0	95.9	%	0		10
General Chemistry - Westborough Lab Associated sample(s): 22-23 QC Batch ID: WG2125639-1 QC Sample: L2563643-05 Client ID: DUP Sample						
Solids, Total	80.4	79.9	%	1		10

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent
D	Absent
E	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2563358-01A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2563358-01B	Vial water preserved	NA	NA			Y	Absent	08-OCT-25 16:59	NYTCL-8260HLW(14)
L2563358-01C	Vial water preserved	NA	NA			Y	Absent	08-OCT-25 16:59	NYTCL-8260HLW(14)
L2563358-01D	Plastic 120ml unpreserved	NA	NA			Y	Absent		TS(7)
L2563358-01E	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MN-TI(180),HG-T(28),MG-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2563358-01F	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2563358-02A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2563358-02B	Vial water preserved	NA	NA			Y	Absent	08-OCT-25 16:59	NYTCL-8260HLW(14)
L2563358-02C	Vial water preserved	NA	NA			Y	Absent	08-OCT-25 16:59	NYTCL-8260HLW(14)
L2563358-02D	Plastic 120ml unpreserved	NA	NA			Y	Absent		TS(7)
L2563358-02E	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2563358-02F	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),PB-TI(180),SB-TI(180),CU-TI(180),ZN-TI(180),SE-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MG-TI(180),HG-T(28),MN-TI(180),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2563358-02G	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2563358-02H	PLASTIC 90mL UNPRESERVED FOR PFA	NA	NA			Y	Absent		A2-NY-1633(90)
L2563358-03A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2563358-03B	Vial water preserved	NA	NA			Y	Absent	08-OCT-25 16:59	NYTCL-8260HLW(14)
L2563358-03C	Vial water preserved	NA	NA			Y	Absent	08-OCT-25 16:59	NYTCL-8260HLW(14)
L2563358-03D	Plastic 120ml unpreserved	NA	NA			Y	Absent		TS(7)
L2563358-03E	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),ZN-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CD-TI(180),NA-TI(180),CA-TI(180),K-TI(180)
L2563358-03F	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2563358-04A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2563358-04B	Vial water preserved	NA	NA			Y	Absent	08-OCT-25 16:59	NYTCL-8260HLW(14)
L2563358-04C	Vial water preserved	NA	NA			Y	Absent	08-OCT-25 16:59	NYTCL-8260HLW(14)
L2563358-04D	Plastic 120ml unpreserved	NA	NA			Y	Absent		TS(7)
L2563358-04E	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),SB-TI(180),ZN-TI(180),SE-TI(180),PB-TI(180),CU-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MN-TI(180),HG-T(28),MG-TI(180),NA-TI(180),CD-TI(180),K-TI(180),CA-TI(180)
L2563358-04F	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)

*Values in parentheses indicate holding time in days

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2563358-05A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2563358-05B	Vial water preserved	NA	NA			Y	Absent	08-OCT-25 16:59	NYTCL-8260HLW(14)
L2563358-05C	Vial water preserved	NA	NA			Y	Absent	08-OCT-25 16:59	NYTCL-8260HLW(14)
L2563358-05D	Plastic 120ml unpreserved	NA	NA			Y	Absent		TS(7)
L2563358-05E	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),SB-TI(180),V-TI(180),CO-TI(180),MN-TI(180),FE-TI(180),HG-T(28),MG-TI(180),CD-TI(180),K-TI(180),CA-TI(180),NA-TI(180)
L2563358-05F	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2563358-06A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2563358-06B	Vial water preserved	NA	NA			Y	Absent	08-OCT-25 16:59	NYTCL-8260HLW(14)
L2563358-06C	Vial water preserved	NA	NA			Y	Absent	08-OCT-25 16:59	NYTCL-8260HLW(14)
L2563358-06D	Plastic 120ml unpreserved	NA	NA			Y	Absent		TS(7)
L2563358-06E	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2563358-06F	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),SB-TI(180),CU-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2563358-06G	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2563358-06H	PLASTIC 90mL UNPRESERVED FOR PFA	NA	NA			Y	Absent		A2-NY-1633(90)
L2563358-07A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2563358-07B	Vial water preserved	NA	NA			Y	Absent	08-OCT-25 16:59	NYTCL-8260HLW(14)
L2563358-07C	Vial water preserved	NA	NA			Y	Absent	08-OCT-25 16:59	NYTCL-8260HLW(14)
L2563358-07D	Plastic 120ml unpreserved	NA	NA			Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2563358-07E	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),MN-TI(180),FE-TI(180),MG-TI(180),HG-T(28),K-TI(180),CD-TI(180),CA-TI(180),NA-TI(180)
L2563358-07F	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2563358-08A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2563358-08B	Vial water preserved	NA	NA			Y	Absent	08-OCT-25 16:59	NYTCL-8260HLW(14)
L2563358-08C	Vial water preserved	NA	NA			Y	Absent	08-OCT-25 16:59	NYTCL-8260HLW(14)
L2563358-08D	Plastic 120ml unpreserved	NA	NA			Y	Absent		TS(7)
L2563358-08E	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),K-TI(180),CA-TI(180),NA-TI(180),CD-TI(180)
L2563358-08F	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2563358-09A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2563358-09B	Vial water preserved	NA	NA			Y	Absent	08-OCT-25 16:59	NYTCL-8260HLW(14)
L2563358-09C	Vial water preserved	NA	NA			Y	Absent	08-OCT-25 16:59	NYTCL-8260HLW(14)
L2563358-09D	Plastic 120ml unpreserved	NA	NA			Y	Absent		TS(7)
L2563358-09E	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),SE-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),PB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NA-TI(180),CA-TI(180),K-TI(180),CD-TI(180)
L2563358-09F	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2563358-10A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2563358-10B	Vial water preserved	NA	NA			Y	Absent	08-OCT-25 16:59	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2563358-10C	Vial water preserved	NA	NA			Y	Absent	08-OCT-25 16:59	NYTCL-8260HLW(14)
L2563358-10D	Plastic 120ml unpreserved	NA	NA			Y	Absent		TS(7)
L2563358-10E	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2563358-10F	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),ZN-TI(180),SB-TI(180),SE-TI(180),PB-TI(180),CU-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NA-TI(180),K-TI(180),CA-TI(180),CD-TI(180)
L2563358-10G	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2563358-10H	PLASTIC 90mL UNPRESERVED FOR PFA	NA	NA			Y	Absent		A2-NY-1633(90)
L2563358-11A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2563358-11B	Vial water preserved	NA	NA			Y	Absent	08-OCT-25 16:59	NYTCL-8260HLW(14)
L2563358-11C	Vial water preserved	NA	NA			Y	Absent	08-OCT-25 16:59	NYTCL-8260HLW(14)
L2563358-12A	Plastic 250ml unpreserved	NA	NA			Y	Absent		A2-NY-1633(28)
L2563358-13A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2563358-13B	Vial water preserved	NA	NA			Y	Absent	09-OCT-25 04:13	NYTCL-8260HLW(14)
L2563358-13C	Vial water preserved	NA	NA			Y	Absent	09-OCT-25 04:13	NYTCL-8260HLW(14)
L2563358-13D	Plastic 120ml unpreserved	NA	NA			Y	Absent		TS(7)
L2563358-13E	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),SB-TI(180),CU-TI(180),V-TI(180),CO-TI(180),MN-TI(180),FE-TI(180),HG-T(28),MG-TI(180),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2563358-13F	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2563358-14A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2563358-14B	Vial water preserved	NA	NA			Y	Absent	09-OCT-25 04:13	NYTCL-8260HLW(14)
L2563358-14C	Vial water preserved	NA	NA			Y	Absent	09-OCT-25 04:13	NYTCL-8260HLW(14)
L2563358-14D	Plastic 120ml unpreserved	NA	NA			Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
Report Date: 10/21/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2563358-14E	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),PB-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MG-TI(180),HG-T(28),MN-TI(180),K-TI(180),CD-TI(180),NA-TI(180),CA-TI(180)
L2563358-14F	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2563358-15A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2563358-15B	Vial water preserved	NA	NA			Y	Absent	09-OCT-25 04:13	NYTCL-8260HLW(14)
L2563358-15C	Vial water preserved	NA	NA			Y	Absent	09-OCT-25 04:13	NYTCL-8260HLW(14)
L2563358-15D	Plastic 120ml unpreserved	NA	NA			Y	Absent		TS(7)
L2563358-15E	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),CO-TI(180),V-TI(180),HG-T(28),MG-TI(180),MN-TI(180),FE-TI(180),NA-TI(180),K-TI(180),CD-TI(180),CA-TI(180)
L2563358-15F	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2563358-16A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2563358-16B	Vial water preserved	NA	NA			Y	Absent	09-OCT-25 04:13	NYTCL-8260HLW(14)
L2563358-16C	Vial water preserved	NA	NA			Y	Absent	09-OCT-25 04:13	NYTCL-8260HLW(14)
L2563358-16D	Plastic 120ml unpreserved	NA	NA			Y	Absent		TS(7)
L2563358-16E	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2563358-16F	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2563358-17A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2563358-17B	Vial water preserved	NA	NA			Y	Absent	09-OCT-25 04:13	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2563358
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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2563358-17C	Vial water preserved	NA	NA			Y	Absent	09-OCT-25 04:13	NYTCL-8260HLW(14)
L2563358-17D	Plastic 120ml unpreserved	NA	NA			Y	Absent		TS(7)
L2563358-17E	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),ZN-TI(180),SB-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),HG-T(28),FE-TI(180),MN-TI(180),MG-TI(180),NA-TI(180),K-TI(180),CA-TI(180),CD-TI(180)
L2563358-17F	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2563358-18A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2563358-18B	Vial water preserved	NA	NA			Y	Absent	09-OCT-25 04:13	NYTCL-8260HLW(14)
L2563358-18C	Vial water preserved	NA	NA			Y	Absent	09-OCT-25 04:13	NYTCL-8260HLW(14)
L2563358-18D	Plastic 120ml unpreserved	NA	NA			Y	Absent		TS(7)
L2563358-18D1	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2563358-18E	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2563358-18F	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2563358-18G	PLASTIC 90mL UNPRESERVED FOR PF/	NA	NA			Y	Absent		A2-NY-1633(90)
L2563358-19A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2563358-19B	Vial water preserved	NA	NA			Y	Absent	09-OCT-25 04:13	NYTCL-8260HLW(14)
L2563358-19C	Vial water preserved	NA	NA			Y	Absent	09-OCT-25 04:13	NYTCL-8260HLW(14)
L2563358-19D	Plastic 120ml unpreserved	NA	NA			Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2563358-19E	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2563358-19F	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2563358-20A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2563358-20B	Vial water preserved	NA	NA			Y	Absent	09-OCT-25 04:13	NYTCL-8260HLW(14)
L2563358-20C	Vial water preserved	NA	NA			Y	Absent	09-OCT-25 04:13	NYTCL-8260HLW(14)
L2563358-20D	Plastic 120ml unpreserved	NA	NA			Y	Absent		TS(7)
L2563358-20E	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2563358-20F	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2563358-21A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2563358-21A1	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2563358-21A2	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2563358-21B	Vial water preserved	NA	NA			Y	Absent	09-OCT-25 04:13	NYTCL-8260HLW(14)
L2563358-21B1	Vial water preserved	NA	NA			Y	Absent	09-OCT-25 04:13	NYTCL-8260HLW(14)
L2563358-21B2	Vial water preserved	NA	NA			Y	Absent	09-OCT-25 04:13	NYTCL-8260HLW(14)
L2563358-21C	Vial water preserved	NA	NA			Y	Absent	09-OCT-25 04:13	NYTCL-8260HLW(14)
L2563358-21C1	Vial water preserved	NA	NA			Y	Absent	09-OCT-25 04:13	NYTCL-8260HLW(14)
L2563358-21C2	Vial water preserved	NA	NA			Y	Absent	09-OCT-25 04:13	NYTCL-8260HLW(14)
L2563358-21D	Plastic 120ml unpreserved	NA	NA			Y	Absent		TS(7)
L2563358-21D1	Plastic 120ml unpreserved	NA	NA			Y	Absent		TS(7)
L2563358-21D2	Plastic 120ml unpreserved	NA	NA			Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2563358-21E	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),SB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),CD-TI(180),NA-TI(180),CA-TI(180),K-TI(180)
L2563358-21E1	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),SB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),CD-TI(180),NA-TI(180),CA-TI(180),K-TI(180)
L2563358-21E2	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),SB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),CD-TI(180),NA-TI(180),CA-TI(180),K-TI(180)
L2563358-21F	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2563358-21F1	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2563358-21F2	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2563358-22A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2563358-22B	Vial water preserved	NA	NA			Y	Absent	09-OCT-25 04:13	NYTCL-8260HLW(14)
L2563358-22C	Vial water preserved	NA	NA			Y	Absent	09-OCT-25 04:13	NYTCL-8260HLW(14)
L2563358-22D	Plastic 120ml unpreserved	NA	NA			Y	Absent		TS(7)
L2563358-22E	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),ZN-TI(180),PB-TI(180),CU-TI(180),SE-TI(180),SB-TI(180),V-TI(180),CO-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),CA-TI(180),NA-TI(180),CD-TI(180),K-TI(180)
L2563358-22F	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)

*Values in parentheses indicate holding time in days

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Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2563358-23A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2563358-23B	Vial water preserved	NA	NA			Y	Absent	09-OCT-25 04:13	NYTCL-8260HLW(14)
L2563358-23C	Vial water preserved	NA	NA			Y	Absent	09-OCT-25 04:13	NYTCL-8260HLW(14)
L2563358-23D	Plastic 120ml unpreserved	NA	NA			Y	Absent		TS(7)
L2563358-23E	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),SE-TI(180),PB-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),MN-TI(180),HG-T(28),CD-TI(180),NA-TI(180),CA-TI(180),K-TI(180)
L2563358-23F	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2563358-24A	Plastic 250ml unpreserved	NA	NA			Y	Absent		A2-NY-1633(28)
L2563358-25A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW(14),NYTCL-8260H(14)
L2563358-25B	Vial water preserved	NA	NA			Y	Absent	09-OCT-25 04:13	NYTCL-8260HLW(14),NYTCL-8260H(14)
L2563358-25C	Vial water preserved	NA	NA			Y	Absent	09-OCT-25 04:13	NYTCL-8260HLW(14),NYTCL-8260H(14)
L2563358-26A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2563358-26B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2563358-26C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2563358-26D	Plastic 250ml HNO3 preserved	NA	<2	<2		Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CU-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),PB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MG-TI(180),MN-TI(180),HG-T(28),CA-TI(180),K-TI(180),CD-TI(180),NA-TI(180)
L2563358-26E	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8082-RVT(365),NYTCL-8270-RVT(7),NYTCL-8081-RVT(7)
L2563358-26F	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8082-RVT(365),NYTCL-8270-RVT(7),NYTCL-8081-RVT(7)
L2563358-26G	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8082-RVT(365),NYTCL-8270-RVT(7),NYTCL-8081-RVT(7)
L2563358-26H	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8082-RVT(365),NYTCL-8270-RVT(7),NYTCL-8081-RVT(7)

*Values in parentheses indicate holding time in days

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2563358-26J	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8082-RVT(365),NYTCL-8270-RVT(7),NYTCL-8081-RVT(7)
L2563358-26K	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8082-RVT(365),NYTCL-8270-RVT(7),NYTCL-8081-RVT(7)
L2563358-26L	Amber 1L unpreserved	NA	NA			Y	Absent		HERB-APA(7)
L2563358-26M	Amber 1L unpreserved	NA	NA			Y	Absent		HERB-APA(7)

*Values in parentheses indicate holding time in days

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PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

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PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

Project Name:	OCEAN BAY REDEVELOPMENT	**Lab Number:**	L2563358
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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

Report Format: DU Report with 'J' Qualifiers

Project Name:	OCEAN BAY REDEVELOPMENT	**Lab Number:**	L2563358
Project Number:	41.0163476.00	**Report Date:**	10/21/25

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: OCEAN BAY REDEVELOPMENT **Lab Number:** L2563358

Project Number: 41.0163476.00 **Report Date:** 10/21/25

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

168 Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS. EPA Method 1633A, EPA 820-R-24-007, December 2024. For Massachusetts Contingency Plan, WSC-CAM-XA, September 2025.

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 2

Date Rec'd In Lab: 10/8/25

ALPHA Job #: L2563358

Client Information
Client: GZA GeoEnvironmental
Address: 104 W 29th St NY, NY 10001
Phone: 212 594 8140
Fax:
Email: Rambill.Marquez@gza.com

Project Information
Project Name: Ocean Bay Redevelopment
Project Location: 53-01 Beach Channel Dr, Far Rockaway NY
Project #: 11.0163476.00
(Use Project name as Project #)
Project Manager: Rambill Marquez
ALPHAQuote #: CC 193169

Turn-Around Time
Standard: X
Rush (only if pre approved):
Due Date:
# of Days:

Deliverables
- [ ] ASP-A
- [X] ASP-B
- [ ] EQuIS (1 File)
- [ ] EQuIS (4 File)
- [ ] Other

Billing Information
- [ ] Same as Client Info
PO #

Regulatory Requirement
- [ ] NY TOGS
- [X] 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:
Please leave Sample Group open

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 by 8260	TCL SVOCs by 8270	TAL Metals by 6010	Pesticides by 8081	Herbicides by 8151	PCBs by 8082A	PFAS by 1633	Sample Specific Comments	Total Bottle
03355-01	GZ-02 (0-2')	10/7/25	1210	SOIL		X	X	X	X	X	X			6
-02	GZ-02 (2.5-4.5')		1215									X		6
-03	GZ-05 (0-2')		225											6
-04	GZ-05 (2.5-4.5')		730											6
-05	GZ-12 (0-2')		210											6
-06	GZ-12 (2.5-4.5')		215									X		6
-07	GZ-13 (0-2')		855											6
-08	GZ-13 (2.5-4.5')		900											6
-09	GZ-14 (0-2')		1200											6
-10	GZ-14 (2.5-4.5')		1205									X		6

Container Type: V | A | A | A | A | P
Preservative: E/O | A | A | A | A | A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
	10/7/25 17:25		10/7/25 17:30
	10/7/25 18:30		10/7 2200
	10/8 130		10/08/25 0130

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)

Pace ANALYTICAL SERVICES

NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193

Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Woodcliff Lake, NJ 07677: 123 Tice Blvd, Suite 101
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 2 of 2

Date Rec'd in Lab: 10/8/25

Pace Job #: L2563558

Client Information

Client: GZA Geoenvironmental

Address: 104 W 74th St NY, NY 10001

Phone: 212 594 8140

Fax:

Email: Rebekah.Marquez@gza.com

Project Information

Project Name: OceanBay Redevelopment

Project Location: 53-61 Beach Channel Dr.

Project # 41.0163476.00

(Use Project name as Project #) ☐

Project Manager: Rebekah Marquez

PACE Quote #: OQ193164

Turn-Around Time

Standard ☒ (GZA Accel)

Rush (only if pre approved) ☐

Due Date:

# of Days:

Deliverables

☐ ASP-A ☒ ASP-B

☐ EQuIS (1 File) ☐ EQuIS (4 File)

☐ Other

Billing Information

☐ Same as Client Info

PO #

Regulatory Requirement

☐ NY TOGS ☒ NY Part 375

☐ AWQ Standards ☐ NY CP-51

☐ NY Restricted Use ☐ Other

☐ NY Unrestricted Use

☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:

☐ NJ ☐ NY

☐ Other:

These samples have been previously analyzed by Pace ☐

Other project specific requirements/comments:

Please leave Temp Blk Group open

Please specify Metals or TAL.

ANALYSIS

Sample Filtration

☐ Done
☐ Lab to do

Preservation

☐ Lab to do

(Please Specify below)

PACE Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOCs by 8260	PFAS 1633	Total Bottle	Sample Specific Comments
63553-11	TripBlnk-2025-10-7	10/7/25	—	water	DB	X		4	
-12	Eq-PFAS-2025-10-7	10/7/25	3:00	water	DB		X	2	

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	U	A
Preservative	E/O	K

Relinquished By:	Date/Time	Received By:	Date/Time
	10/7/25 1725		10/7/25 1730
	10/7/25 1925		10/7 2200
	10/8 130		10/08/25 01:30

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY PACE'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 29-Jan-2025)

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 2

Date Rec'd in Lab: 10/9/25

ALPHA Job #: L2563358

Client Information
Client: GZA GeoEnvironmental
Address: 104 W 29th St
New York, NY 10001
Phone: 212 594 8140
Fax:
Email: Ronbill.Manriquez@gza.com

Project Information
Project Name: Ocean Bay Redevelopment
Project Location: 53-01 Beach Channel Drive
Project #: 41.0163476.00
(Use Project name as Project #) ☐
Project Manager: Ronbill Manriquez
ALPHAQuote #: CC193169

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:

Please add to Sample Group L2563358 and close Group

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	VOCs by 8260	SVOCs by 8270	TAL metals by 6010	Pesticides by 8081	Herbicides by 8151	PCBs by 8082A	PFAS by 1633	Sample Specific Comments	Total Bottles
63358-13	GZ-01 (0-2')	10/8/25	8:15	Soil		X	X	X	X	X	X			6
-14	GZ-01 (2.5-4.5')		8:20											
-15	GZ-03 (0-2')		11:00											
-16	GZ-03 (2.5-4.5')		11:05											
-17	GZ-04 (0-2')		1030											
-18	GZ-04 (3-5')		10:35									X		8
-19	GZ-05 (0-2')		8:50											
-20	GZ-05 (2.5-4.5')		855											
-21	GZ-09 (0-2')		1125											
-22	GZ-09 (2.5-4.5')		1130											

Container Type	V	A	A	A	A	P	P	
Preservative	E/O	A	A	A	A	A	A	

Preservative Code: A = None; B = HCl; C = HNO_3; D = H_2SO_4; E = NaOH; F = MeOH; G = $NaHSO_4$; H = $Na_2S_2O_3$; K/E = Zn Ac/NaOH; O = Other

Container Code: P = Plastic; A = Amber Glass; V = Vial; G = Glass; B = Bacteria Cup; C = Cube; O = Other; E = Encore; D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
	10/8/25 16:55		10/8/25 16:55
	10/8/25 2330		10/9 2200
	10/9 200		10/9/25 0202

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)

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 2 of 2

Date Rec'd in Lab: 10/9/25

ALPHA Job #: L2563358

Client Information
Client: GZA GeoEnvironmental
Address: 104 W 29th St
New York, NY 10001
Phone: 212 594 8340
Fax:
Email: Reinbill.Marquez@gza.com

Project Information
Project Name: Ocean Bay Redevelopment
Project Location: 53-01 Beach Channel Dr
Project #: 01.0163476.00
(Use Project name as Project #)
Project Manager: Reinbill Marquez
ALPHAQuote #: Q0193169

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:
Please add to Sample Group L2563358 and Close Group

Please specify Metals or TAL.

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	VOCs by 8260	SVOCs by 8270	TAL Metals by 6010	Pesticides by 8081	PCBs by 8082	Herbicides by 8151	PFAS by 1633	Sample Specific Comments	Total Bottle
63358-21	GZ-09 (0-2') MS	10/3/25	11:40	Soil		X	X	X	X	X	X			6
-21	GZ-09 (0-2') MSD		11:45	Soil		↓	↓	↓	↓	↓	↓			6
-23	Duplicate-2025-10-03		—	Soil		↓	↓	↓	↓	↓	↓			6
-24	EB-PFAS-2025-10-3	↓	12:10	Water								X		2
-25	TripBlank-2025-10-3	10/3/25	—	Water	CB	X								4

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	V	A	A	A	A	A	P	
Preservative	E/O, B	A	A	A	A	A	A	

Relinquished By:	Date/Time	Received By:	Date/Time
	10/3/25 16:55		10/8/25 16:35
	10/8/25 1930		10/8 2200
	10/9 200		10/9/25 0202

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 : L2563358

Account Name : GZA GeoEnvironmental, Inc.
Project Number : 41.0163476.00
Project Name : OCEAN BAY REDEVELOPMENT

Received : 07-OCT-2025
Reviewer : Brendan Grady

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	3.1	
B	Absent/	Ice	3.2	
C	Absent/	Ice	4.7	
D	Absent/	Ice	3.7	
E	Absent/	Ice	3.1	

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received? Following additional samples were received: -26	**YES**
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:	L2565460
Client:	GZA GeoEnvironmental, Inc. 104 West 29th Street, 10th Floor New York, NY 10001
ATTN:	Reinbill Maniquez
Phone:	(212) 594-8140
Project Name:	OCEAN BAY REDEVELOPMENT
Project Number:	41.0163476.00
Report Date:	10/21/25

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: NH ELAP (2249).

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

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2565460
Report Date: 10/21/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2565460-01	GSV-01	SOIL_VAPOR	EDGEMORE, NY	10/15/25 13:05	10/15/25
L2565460-02	GSV-02	SOIL_VAPOR	EDGEMORE, NY	10/15/25 12:42	10/15/25
L2565460-03	GSV-03	SOIL_VAPOR	EDGEMORE, NY	10/15/25 12:40	10/15/25
L2565460-04	GSV-04	SOIL_VAPOR	EDGEMORE, NY	10/15/25 12:48	10/15/25
L2565460-05	GSV-05	SOIL_VAPOR	EDGEMORE, NY	10/15/25 12:45	10/15/25
L2565460-06	GSV-06	SOIL_VAPOR	EDGEMORE, NY	10/15/25 13:25	10/15/25
L2565460-07	GSV-07	SOIL_VAPOR	EDGEMORE, NY	10/15/25 12:43	10/15/25
L2565460-08	GSV-08	SOIL_VAPOR	EDGEMORE, NY	10/15/25 13:02	10/15/25
L2565460-09	GSV-09	SOIL_VAPOR	EDGEMORE, NY	10/15/25 13:00	10/15/25
L2565460-10	DUP-2025-10-25	SOIL_VAPOR	EDGEMORE, NY	10/15/25 00:00	10/15/25
L2565460-11	AA-01	AIR	EDGEMORE, NY	10/15/25 13:10	10/15/25

Project Name:	OCEAN BAY REDEVELOPMENT	**Lab Number:**	L2565460
Project Number:	41.0163476.00	**Report Date:**	10/21/25

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: OCEAN BAY REDEVELOPMENT **Lab Number:** L2565460
Project Number: 41.0163476.00 **Report Date:** 10/21/25

Case Narrative (continued)

Volatile Organics in Air
Canisters were released from the laboratory on October 3, 2025. The canister certification data is provided as an addendum.

The WG2129876-3 LCS recovery associated with L2565460-11 is above the upper 130% acceptance limit for trans-1,3-dichloropropene (133%). All samples associated with this LCS do not have reportable amounts of this analyte.

L2565460-02D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2565460-03D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2565460-04D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2565460-05D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2565460-06D: Prior to sample analysis, the canisters were pressurized with UHP Nitrogen in order to perform a screen analysis. The pressurization resulted in a dilution of the samples. The reporting limits have been elevated accordingly.

L2565460-07D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

Project Name:	OCEAN BAY REDEVELOPMENT	**Lab Number:**	L2565460
Project Number:	41.0163476.00	**Report Date:**	10/21/25

Case Narrative (continued)

L2565460-08D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2565460-09D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

The WG2129876-3 LCS recovery associated with L2565460-11 is above the upper 130% acceptance limit for trans-1,3-dichloropropene (133%). All samples associated with this LCS do not have reportable amounts of this analyte.

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

Authorized Signature: Christopher J. Anderson

Title: Technical Director/Representative Date: 10/21/25

AIR

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2565460
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2565460-01
Client ID: GSV-01
Sample Location: EDGEMORE, NY

Date Collected: 10/15/25 13:05
Date Received: 10/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 10/20/25 23:00
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Dichlorodifluoromethane	0.456	0.200	--	2.25	0.989	--		1
Chloromethane	0.488	0.200	--	1.01	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	12.3	1.00	--	29.2	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	1.18	1.00	--	2.90	2.46	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	3.55	0.500	--	10.5	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2565460
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2565460-01
Client ID: GSV-01
Sample Location: EDGEMORE, NY

Date Collected: 10/15/25 13:05
Date Received: 10/15/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.248	0.200	--	0.874	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	0.306	0.200	--	1.15	0.754	--		1
2-Hexanone	0.812	0.200	--	3.33	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2565460
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2565460-01
Client ID: GSV-01
Sample Location: EDGEMORE, NY

Date Collected: 10/15/25 13:05
Date Received: 10/15/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.190	--	ND	0.996	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	96		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	99		60-140

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2565460
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2565460-02 D
Client ID: GSV-02
Sample Location: EDGEMORE, NY

Date Collected: 10/15/25 12:42
Date Received: 10/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 10/20/25 23:30
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Dichlorodifluoromethane	ND	3.04	--	ND	15.0	--		15.2
Chloromethane	ND	3.04	--	ND	6.28	--		15.2
Freon-114	ND	3.04	--	ND	21.2	--		15.2
Vinyl chloride	ND	3.04	--	ND	7.77	--		15.2
1,3-Butadiene	ND	3.04	--	ND	6.73	--		15.2
Bromomethane	ND	3.04	--	ND	11.8	--		15.2
Chloroethane	ND	3.04	--	ND	8.02	--		15.2
Ethanol	ND	76.0	--	ND	143	--		15.2
Vinyl bromide	ND	3.04	--	ND	13.3	--		15.2
Acetone	163	15.2	--	387	36.1	--		15.2
Trichlorofluoromethane	ND	3.04	--	ND	17.1	--		15.2
Isopropanol	ND	15.2	--	ND	37.4	--		15.2
1,1-Dichloroethene	ND	3.04	--	ND	12.1	--		15.2
Tertiary butyl Alcohol	ND	7.60	--	ND	23.0	--		15.2
Methylene chloride	ND	7.60	--	ND	26.4	--		15.2
3-Chloropropene	ND	3.04	--	ND	9.52	--		15.2
Carbon disulfide	ND	3.04	--	ND	9.47	--		15.2
Freon-113	ND	3.04	--	ND	23.3	--		15.2
trans-1,2-Dichloroethene	ND	3.04	--	ND	12.1	--		15.2
1,1-Dichloroethane	ND	3.04	--	ND	12.3	--		15.2
Methyl tert butyl ether	ND	3.04	--	ND	11.0	--		15.2
2-Butanone	47.4	7.60	--	140	22.4	--		15.2
cis-1,2-Dichloroethene	ND	3.04	--	ND	12.1	--		15.2

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2565460
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2565460-02 D
Client ID: GSV-02
Sample Location: EDGEMORE, NY

Date Collected: 10/15/25 12:42
Date Received: 10/15/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Ethyl Acetate	ND	7.60	--	ND	27.4	--		15.2
Chloroform	ND	3.04	--	ND	14.8	--		15.2
Tetrahydrofuran	ND	7.60	--	ND	22.4	--		15.2
1,2-Dichloroethane	ND	3.04	--	ND	12.3	--		15.2
n-Hexane	ND	3.04	--	ND	10.7	--		15.2
1,1,1-Trichloroethane	ND	3.04	--	ND	16.6	--		15.2
Benzene	ND	3.04	--	ND	9.71	--		15.2
Carbon tetrachloride	ND	3.04	--	ND	19.1	--		15.2
Cyclohexane	ND	3.04	--	ND	10.5	--		15.2
1,2-Dichloropropane	ND	3.04	--	ND	14.0	--		15.2
Bromodichloromethane	ND	3.04	--	ND	20.4	--		15.2
1,4-Dioxane	ND	3.04	--	ND	11.0	--		15.2
Trichloroethene	55.7	3.04	--	299	16.3	--		15.2
2,2,4-Trimethylpentane	ND	3.04	--	ND	14.2	--		15.2
Heptane	ND	3.04	--	ND	12.5	--		15.2
cis-1,3-Dichloropropene	ND	3.04	--	ND	13.8	--		15.2
4-Methyl-2-pentanone	ND	7.60	--	ND	31.1	--		15.2
trans-1,3-Dichloropropene	ND	3.04	--	ND	13.8	--		15.2
1,1,2-Trichloroethane	ND	3.04	--	ND	16.6	--		15.2
Toluene	ND	3.04	--	ND	11.5	--		15.2
2-Hexanone	10.3	3.04	--	42.2	12.5	--		15.2
Dibromochloromethane	ND	3.04	--	ND	25.9	--		15.2
1,2-Dibromoethane	ND	3.04	--	ND	23.4	--		15.2
Tetrachloroethene	988	3.04	--	6700	20.6	--		15.2
Chlorobenzene	ND	3.04	--	ND	14.0	--		15.2
Ethylbenzene	ND	3.04	--	ND	13.2	--		15.2

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2565460
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2565460-02 D
Client ID: GSV-02
Sample Location: EDGEMORE, NY

Date Collected: 10/15/25 12:42
Date Received: 10/15/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
p/m-Xylene	ND	6.08	--	ND	26.4	--		15.2
Bromoform	ND	3.04	--	ND	31.4	--		15.2
Styrene	ND	3.04	--	ND	12.9	--		15.2
1,1,2,2-Tetrachloroethane	ND	3.04	--	ND	20.9	--		15.2
o-Xylene	ND	3.04	--	ND	13.2	--		15.2
4-Ethyltoluene	ND	3.04	--	ND	14.9	--		15.2
1,3,5-Trimethylbenzene	ND	3.04	--	ND	14.9	--		15.2
1,2,4-Trimethylbenzene	ND	3.04	--	ND	14.9	--		15.2
Benzyl chloride	ND	3.04	--	ND	15.7	--		15.2
1,3-Dichlorobenzene	ND	3.04	--	ND	18.3	--		15.2
1,4-Dichlorobenzene	ND	3.04	--	ND	18.3	--		15.2
1,2-Dichlorobenzene	ND	3.04	--	ND	18.3	--		15.2
1,2,4-Trichlorobenzene	ND	3.04	--	ND	22.6	--		15.2
Naphthalene	ND	2.89	--	ND	15.2	--		15.2
Hexachlorobutadiene	ND	3.04	--	ND	32.4	--		15.2

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	98		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	98		60-140

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2565460
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2565460-03 D
Client ID: GSV-03
Sample Location: EDGEMORE, NY

Date Collected: 10/15/25 12:40
Date Received: 10/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 10/21/25 00:02
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Dichlorodifluoromethane	ND	4.11	--	ND	20.3	--		20.56
Chloromethane	ND	4.11	--	ND	8.49	--		20.56
Freon-114	ND	4.11	--	ND	28.7	--		20.56
Vinyl chloride	ND	4.11	--	ND	10.5	--		20.56
1,3-Butadiene	ND	4.11	--	ND	9.09	--		20.56
Bromomethane	ND	4.11	--	ND	16.0	--		20.56
Chloroethane	ND	4.11	--	ND	10.8	--		20.56
Ethanol	ND	103	--	ND	194	--		20.56
Vinyl bromide	ND	4.11	--	ND	18.0	--		20.56
Acetone	235	20.6	--	558	48.9	--		20.56
Trichlorofluoromethane	ND	4.11	--	ND	23.1	--		20.56
Isopropanol	ND	20.6	--	ND	50.6	--		20.56
1,1-Dichloroethene	ND	4.11	--	ND	16.3	--		20.56
Tertiary butyl Alcohol	ND	10.3	--	ND	31.2	--		20.56
Methylene chloride	ND	10.3	--	ND	35.8	--		20.56
3-Chloropropene	ND	4.11	--	ND	12.9	--		20.56
Carbon disulfide	ND	4.11	--	ND	12.8	--		20.56
Freon-113	ND	4.11	--	ND	31.5	--		20.56
trans-1,2-Dichloroethene	ND	4.11	--	ND	16.3	--		20.56
1,1-Dichloroethane	ND	4.11	--	ND	16.6	--		20.56
Methyl tert butyl ether	ND	4.11	--	ND	14.8	--		20.56
2-Butanone	96.2	10.3	--	284	30.4	--		20.56
cis-1,2-Dichloroethene	ND	4.11	--	ND	16.3	--		20.56

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2565460
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2565460-03 D
Client ID: GSV-03
Sample Location: EDGEMORE, NY

Date Collected: 10/15/25 12:40
Date Received: 10/15/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Ethyl Acetate	ND	10.3	--	ND	37.1	--		20.56
Chloroform	ND	4.11	--	ND	20.1	--		20.56
Tetrahydrofuran	ND	10.3	--	ND	30.4	--		20.56
1,2-Dichloroethane	ND	4.11	--	ND	16.6	--		20.56
n-Hexane	ND	4.11	--	ND	14.5	--		20.56
1,1,1-Trichloroethane	ND	4.11	--	ND	22.4	--		20.56
Benzene	ND	4.11	--	ND	13.1	--		20.56
Carbon tetrachloride	ND	4.11	--	ND	25.9	--		20.56
Cyclohexane	ND	4.11	--	ND	14.1	--		20.56
1,2-Dichloropropane	ND	4.11	--	ND	19.0	--		20.56
Bromodichloromethane	ND	4.11	--	ND	27.5	--		20.56
1,4-Dioxane	ND	4.11	--	ND	14.8	--		20.56
Trichloroethene	ND	4.11	--	ND	22.1	--		20.56
2,2,4-Trimethylpentane	ND	4.11	--	ND	19.2	--		20.56
Heptane	ND	4.11	--	ND	16.8	--		20.56
cis-1,3-Dichloropropene	ND	4.11	--	ND	18.7	--		20.56
4-Methyl-2-pentanone	ND	10.3	--	ND	42.2	--		20.56
trans-1,3-Dichloropropene	ND	4.11	--	ND	18.7	--		20.56
1,1,2-Trichloroethane	ND	4.11	--	ND	22.4	--		20.56
Toluene	ND	4.11	--	ND	15.5	--		20.56
2-Hexanone	20.3	4.11	--	83.2	16.8	--		20.56
Dibromochloromethane	ND	4.11	--	ND	35.0	--		20.56
1,2-Dibromoethane	ND	4.11	--	ND	31.6	--		20.56
Tetrachloroethene	854	4.11	--	5790	27.9	--		20.56
Chlorobenzene	ND	4.11	--	ND	18.9	--		20.56
Ethylbenzene	ND	4.11	--	ND	17.9	--		20.56

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2565460
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2565460-03 D
Client ID: GSV-03
Sample Location: EDGEMORE, NY

Date Collected: 10/15/25 12:40
Date Received: 10/15/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
p/m-Xylene	ND	8.22	--	ND	35.7	--		20.56
Bromoform	ND	4.11	--	ND	42.5	--		20.56
Styrene	ND	4.11	--	ND	17.5	--		20.56
1,1,2,2-Tetrachloroethane	ND	4.11	--	ND	28.2	--		20.56
o-Xylene	ND	4.11	--	ND	17.9	--		20.56
4-Ethyltoluene	ND	4.11	--	ND	20.2	--		20.56
1,3,5-Trimethylbenzene	ND	4.11	--	ND	20.2	--		20.56
1,2,4-Trimethylbenzene	ND	4.11	--	ND	20.2	--		20.56
Benzyl chloride	ND	4.11	--	ND	21.3	--		20.56
1,3-Dichlorobenzene	ND	4.11	--	ND	24.7	--		20.56
1,4-Dichlorobenzene	ND	4.11	--	ND	24.7	--		20.56
1,2-Dichlorobenzene	ND	4.11	--	ND	24.7	--		20.56
1,2,4-Trichlorobenzene	ND	4.11	--	ND	30.5	--		20.56
Naphthalene	ND	3.91	--	ND	20.5	--		20.56
Hexachlorobutadiene	ND	4.11	--	ND	43.8	--		20.56

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	96		60-140
Bromochloromethane	95		60-140
chlorobenzene-d5	97		60-140

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2565460
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2565460-04 D
Client ID: GSV-04
Sample Location: EDGEMORE, NY

Date Collected: 10/15/25 12:48
Date Received: 10/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 10/21/25 00:33
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Dichlorodifluoromethane	ND	79.4	--	ND	393	--		396.8
Chloromethane	ND	79.4	--	ND	164	--		396.8
Freon-114	ND	79.4	--	ND	555	--		396.8
Vinyl chloride	ND	79.4	--	ND	203	--		396.8
1,3-Butadiene	ND	79.4	--	ND	176	--		396.8
Bromomethane	ND	79.4	--	ND	308	--		396.8
Chloroethane	ND	79.4	--	ND	210	--		396.8
Ethanol	2000	1980	--	3770	3730	--		396.8
Vinyl bromide	ND	79.4	--	ND	347	--		396.8
Acetone	ND	397	--	ND	943	--		396.8
Trichlorofluoromethane	ND	79.4	--	ND	446	--		396.8
Isopropanol	691	397	--	1700	976	--		396.8
1,1-Dichloroethene	ND	79.4	--	ND	315	--		396.8
Tertiary butyl Alcohol	ND	198.	--	ND	600	--		396.8
Methylene chloride	ND	198	--	ND	688	--		396.8
3-Chloropropene	ND	79.4	--	ND	249	--		396.8
Carbon disulfide	ND	79.4	--	ND	247	--		396.8
Freon-113	ND	79.4	--	ND	609	--		396.8
trans-1,2-Dichloroethene	ND	79.4	--	ND	315	--		396.8
1,1-Dichloroethane	ND	79.4	--	ND	321	--		396.8
Methyl tert butyl ether	ND	79.4	--	ND	286	--		396.8
2-Butanone	ND	198	--	ND	584	--		396.8
cis-1,2-Dichloroethene	ND	79.4	--	ND	315	--		396.8

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2565460
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2565460-04 D
Client ID: GSV-04
Sample Location: EDGEMORE, NY

Date Collected: 10/15/25 12:48
Date Received: 10/15/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Ethyl Acetate	ND	198.	--	ND	714	--		396.8
Chloroform	ND	79.4	--	ND	388	--		396.8
Tetrahydrofuran	ND	198.	--	ND	584	--		396.8
1,2-Dichloroethane	ND	79.4	--	ND	321	--		396.8
n-Hexane	338	79.4	--	1190	280	--		396.8
1,1,1-Trichloroethane	ND	79.4	--	ND	433	--		396.8
Benzene	ND	79.4	--	ND	254	--		396.8
Carbon tetrachloride	ND	79.4	--	ND	499	--		396.8
Cyclohexane	ND	79.4	--	ND	273	--		396.8
1,2-Dichloropropane	ND	79.4	--	ND	367	--		396.8
Bromodichloromethane	ND	79.4	--	ND	532	--		396.8
1,4-Dioxane	ND	79.4	--	ND	286	--		396.8
Trichloroethene	ND	79.4	--	ND	427	--		396.8
2,2,4-Trimethylpentane	ND	79.4	--	ND	371	--		396.8
Heptane	ND	79.4	--	ND	325	--		396.8
cis-1,3-Dichloropropene	ND	79.4	--	ND	360	--		396.8
4-Methyl-2-pentanone	ND	198.	--	ND	811	--		396.8
trans-1,3-Dichloropropene	ND	79.4	--	ND	360	--		396.8
1,1,2-Trichloroethane	ND	79.4	--	ND	433	--		396.8
Toluene	ND	79.4	--	ND	299	--		396.8
2-Hexanone	ND	79.4	--	ND	325	--		396.8
Dibromochloromethane	ND	79.4	--	ND	676	--		396.8
1,2-Dibromoethane	ND	79.4	--	ND	610	--		396.8
Tetrachloroethene	19000	79.4	--	129000	538	--		396.8
Chlorobenzene	ND	79.4	--	ND	366	--		396.8
Ethylbenzene	ND	79.4	--	ND	345	--		396.8

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2565460
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2565460-04 D
Client ID: GSV-04
Sample Location: EDGEMORE, NY

Date Collected: 10/15/25 12:48
Date Received: 10/15/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
p/m-Xylene	ND	159.	--	ND	691	--		396.8
Bromoform	ND	79.4	--	ND	821	--		396.8
Styrene	ND	79.4	--	ND	338	--		396.8
1,1,2,2-Tetrachloroethane	ND	79.4	--	ND	545	--		396.8
o-Xylene	ND	79.4	--	ND	345	--		396.8
4-Ethyltoluene	ND	79.4	--	ND	390	--		396.8
1,3,5-Trimethylbenzene	ND	79.4	--	ND	390	--		396.8
1,2,4-Trimethylbenzene	ND	79.4	--	ND	390	--		396.8
Benzyl chloride	ND	79.4	--	ND	411	--		396.8
1,3-Dichlorobenzene	ND	79.4	--	ND	477	--		396.8
1,4-Dichlorobenzene	ND	79.4	--	ND	477	--		396.8
1,2-Dichlorobenzene	ND	79.4	--	ND	477	--		396.8
1,2,4-Trichlorobenzene	ND	79.4	--	ND	589	--		396.8
Naphthalene	ND	75.4	--	ND	395	--		396.8
Hexachlorobutadiene	ND	79.4	--	ND	847	--		396.8

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	94		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	94		60-140

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2565460
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2565460-05 D
Client ID: GSV-05
Sample Location: EDGEMORE, NY

Date Collected: 10/15/25 12:45
Date Received: 10/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 10/21/25 01:03
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Dichlorodifluoromethane	ND	1.00	--	ND	4.94	--		5
Chloromethane	ND	1.00	--	ND	2.07	--		5
Freon-114	ND	1.00	--	ND	6.99	--		5
Vinyl chloride	ND	1.00	--	ND	2.56	--		5
1,3-Butadiene	ND	1.00	--	ND	2.21	--		5
Bromomethane	ND	1.00	--	ND	3.88	--		5
Chloroethane	ND	1.00	--	ND	2.64	--		5
Ethanol	ND	25.0	--	ND	47.1	--		5
Vinyl bromide	ND	1.00	--	ND	4.37	--		5
Acetone	151	5.00	--	359	11.9	--		5
Trichlorofluoromethane	ND	1.00	--	ND	5.62	--		5
Isopropanol	ND	5.00	--	ND	12.3	--		5
1,1-Dichloroethene	ND	1.00	--	ND	3.96	--		5
Tertiary butyl Alcohol	ND	2.50	--	ND	7.58	--		5
Methylene chloride	ND	2.50	--	ND	8.69	--		5
3-Chloropropene	ND	1.00	--	ND	3.13	--		5
Carbon disulfide	ND	1.00	--	ND	3.11	--		5
Freon-113	ND	1.00	--	ND	7.66	--		5
trans-1,2-Dichloroethene	ND	1.00	--	ND	3.96	--		5
1,1-Dichloroethane	ND	1.00	--	ND	4.05	--		5
Methyl tert butyl ether	ND	1.00	--	ND	3.61	--		5
2-Butanone	55.4	2.50	--	163	7.37	--		5
cis-1,2-Dichloroethene	24.3	1.00	--	96.3	3.96	--		5

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2565460
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2565460-05 D
Client ID: GSV-05
Sample Location: EDGEMORE, NY

Date Collected: 10/15/25 12:45
Date Received: 10/15/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Ethyl Acetate	ND	2.50	--	ND	9.01	--		5
Chloroform	3.62	1.00	--	17.7	4.88	--		5
Tetrahydrofuran	ND	2.50	--	ND	7.37	--		5
1,2-Dichloroethane	ND	1.00	--	ND	4.05	--		5
n-Hexane	1.32	1.00	--	4.65	3.52	--		5
1,1,1-Trichloroethane	ND	1.00	--	ND	5.46	--		5
Benzene	ND	1.00	--	ND	3.19	--		5
Carbon tetrachloride	ND	1.00	--	ND	6.29	--		5
Cyclohexane	ND	1.00	--	ND	3.44	--		5
1,2-Dichloropropane	ND	1.00	--	ND	4.62	--		5
Bromodichloromethane	ND	1.00	--	ND	6.70	--		5
1,4-Dioxane	ND	1.00	--	ND	3.60	--		5
Trichloroethene	12.4	1.00	--	66.6	5.37	--		5
2,2,4-Trimethylpentane	ND	1.00	--	ND	4.67	--		5
Heptane	ND	1.00	--	ND	4.10	--		5
cis-1,3-Dichloropropene	ND	1.00	--	ND	4.54	--		5
4-Methyl-2-pentanone	ND	2.50	--	ND	10.2	--		5
trans-1,3-Dichloropropene	ND	1.00	--	ND	4.54	--		5
1,1,2-Trichloroethane	ND	1.00	--	ND	5.46	--		5
Toluene	1.28	1.00	--	4.82	3.77	--		5
2-Hexanone	12.7	1.00	--	52.0	4.10	--		5
Dibromochloromethane	ND	1.00	--	ND	8.52	--		5
1,2-Dibromoethane	ND	1.00	--	ND	7.69	--		5
Tetrachloroethene	310	1.00	--	2100	6.78	--		5
Chlorobenzene	ND	1.00	--	ND	4.61	--		5
Ethylbenzene	ND	1.00	--	ND	4.34	--		5

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2565460
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2565460-05 D
Client ID: GSV-05
Sample Location: EDGEMORE, NY

Date Collected: 10/15/25 12:45
Date Received: 10/15/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
p/m-Xylene	2.73	2.00	--	11.9	8.69	--		5
Bromoform	ND	1.00	--	ND	10.3	--		5
Styrene	ND	1.00	--	ND	4.26	--		5
1,1,2,2-Tetrachloroethane	ND	1.00	--	ND	6.87	--		5
o-Xylene	1.48	1.00	--	6.43	4.34	--		5
4-Ethyltoluene	ND	1.00	--	ND	4.92	--		5
1,3,5-Trimethylbenzene	ND	1.00	--	ND	4.92	--		5
1,2,4-Trimethylbenzene	1.72	1.00	--	8.46	4.92	--		5
Benzyl chloride	ND	1.00	--	ND	5.18	--		5
1,3-Dichlorobenzene	ND	1.00	--	ND	6.01	--		5
1,4-Dichlorobenzene	ND	1.00	--	ND	6.01	--		5
1,2-Dichlorobenzene	ND	1.00	--	ND	6.01	--		5
1,2,4-Trichlorobenzene	ND	1.00	--	ND	7.42	--		5
Naphthalene	ND	0.950	--	ND	4.98	--		5
Hexachlorobutadiene	ND	1.00	--	ND	10.7	--		5

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	94		60-140
Bromochloromethane	93		60-140
chlorobenzene-d5	94		60-140

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2565460
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2565460-06 D
Client ID: GSV-06
Sample Location: EDGEMORE, NY

Date Collected: 10/15/25 13:25
Date Received: 10/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 10/21/25 01:36
Analyst: RAY

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Dichlorodifluoromethane	0.476	0.370	--	2.35	1.83	--		1.852
Chloromethane	ND	0.370	--	ND	0.764	--		1.852
Freon-114	ND	0.370	--	ND	2.59	--		1.852
Vinyl chloride	ND	0.370	--	ND	0.946	--		1.852
1,3-Butadiene	ND	0.370	--	ND	0.819	--		1.852
Bromomethane	ND	0.370	--	ND	1.44	--		1.852
Chloroethane	ND	0.370	--	ND	0.976	--		1.852
Ethanol	9.97	9.26	--	18.8	17.4	--		1.852
Vinyl bromide	ND	0.370	--	ND	1.62	--		1.852
Acetone	174	1.85	--	413	4.39	--		1.852
Trichlorofluoromethane	ND	0.370	--	ND	2.08	--		1.852
Isopropanol	2.13	1.85	--	5.24	4.55	--		1.852
1,1-Dichloroethene	ND	0.370	--	ND	1.47	--		1.852
Tertiary butyl Alcohol	1.80	0.926	--	5.46	2.81	--		1.852
Methylene chloride	ND	0.926	--	ND	3.22	--		1.852
3-Chloropropene	ND	0.370	--	ND	1.16	--		1.852
Carbon disulfide	ND	0.370	--	ND	1.15	--		1.852
Freon-113	ND	0.370	--	ND	2.84	--		1.852
trans-1,2-Dichloroethene	ND	0.370	--	ND	1.47	--		1.852
1,1-Dichloroethane	ND	0.370	--	ND	1.50	--		1.852
Methyl tert butyl ether	ND	0.370	--	ND	1.33	--		1.852
2-Butanone	59.0	0.926	--	174	2.73	--		1.852
cis-1,2-Dichloroethene	ND	0.370	--	ND	1.47	--		1.852

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2565460
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2565460-06 D
Client ID: GSV-06
Sample Location: EDGEMORE, NY

Date Collected: 10/15/25 13:25
Date Received: 10/15/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Ethyl Acetate	ND	0.926	--	ND	3.34	--		1.852
Chloroform	4.06	0.370	--	19.8	1.81	--		1.852
Tetrahydrofuran	ND	0.926	--	ND	2.73	--		1.852
1,2-Dichloroethane	ND	0.370	--	ND	1.50	--		1.852
n-Hexane	0.667	0.370	--	2.35	1.30	--		1.852
1,1,1-Trichloroethane	ND	0.370	--	ND	2.02	--		1.852
Benzene	ND	0.370	--	ND	1.18	--		1.852
Carbon tetrachloride	ND	0.370	--	ND	2.33	--		1.852
Cyclohexane	ND	0.370	--	ND	1.27	--		1.852
1,2-Dichloropropane	ND	0.370	--	ND	1.71	--		1.852
Bromodichloromethane	ND	0.370	--	ND	2.48	--		1.852
1,4-Dioxane	ND	0.370	--	ND	1.33	--		1.852
Trichloroethene	ND	0.370	--	ND	1.99	--		1.852
2,2,4-Trimethylpentane	ND	0.370	--	ND	1.73	--		1.852
Heptane	0.643	0.370	--	2.64	1.52	--		1.852
cis-1,3-Dichloropropene	ND	0.370	--	ND	1.68	--		1.852
4-Methyl-2-pentanone	ND	0.926	--	ND	3.79	--		1.852
trans-1,3-Dichloropropene	ND	0.370	--	ND	1.68	--		1.852
1,1,2-Trichloroethane	ND	0.370	--	ND	2.02	--		1.852
Toluene	ND	0.370	--	ND	1.39	--		1.852
2-Hexanone	11.7	0.370	--	47.9	1.52	--		1.852
Dibromochloromethane	ND	0.370	--	ND	3.15	--		1.852
1,2-Dibromoethane	ND	0.370	--	ND	2.84	--		1.852
Tetrachloroethene	1.82	0.370	--	12.3	2.51	--		1.852
Chlorobenzene	ND	0.370	--	ND	1.70	--		1.852
Ethylbenzene	ND	0.370	--	ND	1.61	--		1.852

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2565460
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2565460-06 D
Client ID: GSV-06
Sample Location: EDGEMORE, NY

Date Collected: 10/15/25 13:25
Date Received: 10/15/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
p/m-Xylene	1.26	0.741	--	5.47	3.22	--		1.852
Bromoform	ND	0.370	--	ND	3.83	--		1.852
Styrene	ND	0.370	--	ND	1.58	--		1.852
1,1,2,2-Tetrachloroethane	ND	0.370	--	ND	2.54	--		1.852
o-Xylene	0.806	0.370	--	3.50	1.61	--		1.852
4-Ethyltoluene	ND	0.370	--	ND	1.82	--		1.852
1,3,5-Trimethylbenzene	ND	0.370	--	ND	1.82	--		1.852
1,2,4-Trimethylbenzene	1.31	0.370	--	6.44	1.82	--		1.852
Benzyl chloride	ND	0.370	--	ND	1.92	--		1.852
1,3-Dichlorobenzene	ND	0.370	--	ND	2.22	--		1.852
1,4-Dichlorobenzene	ND	0.370	--	ND	2.22	--		1.852
1,2-Dichlorobenzene	ND	0.370	--	ND	2.22	--		1.852
1,2,4-Trichlorobenzene	ND	0.370	--	ND	2.75	--		1.852
Naphthalene	ND	0.352	--	ND	1.85	--		1.852
Hexachlorobutadiene	ND	0.370	--	ND	3.95	--		1.852

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	95		60-140
Bromochloromethane	93		60-140
chlorobenzene-d5	96		60-140

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2565460
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2565460-07 D
Client ID: GSV-07
Sample Location: EDGEMORE, NY

Date Collected: 10/15/25 12:43
Date Received: 10/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 10/21/25 02:05
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Dichlorodifluoromethane	ND	1.00	--	ND	4.94	--		5
Chloromethane	ND	1.00	--	ND	2.07	--		5
Freon-114	ND	1.00	--	ND	6.99	--		5
Vinyl chloride	ND	1.00	--	ND	2.56	--		5
1,3-Butadiene	ND	1.00	--	ND	2.21	--		5
Bromomethane	ND	1.00	--	ND	3.88	--		5
Chloroethane	ND	1.00	--	ND	2.64	--		5
Ethanol	1710	25.0	--	3220	47.1	--		5
Vinyl bromide	ND	1.00	--	ND	4.37	--		5
Acetone	84.5	5.00	--	201	11.9	--		5
Trichlorofluoromethane	ND	1.00	--	ND	5.62	--		5
Isopropanol	ND	5.00	--	ND	12.3	--		5
1,1-Dichloroethene	ND	1.00	--	ND	3.96	--		5
Tertiary butyl Alcohol	ND	2.50	--	ND	7.58	--		5
Methylene chloride	ND	2.50	--	ND	8.69	--		5
3-Chloropropene	ND	1.00	--	ND	3.13	--		5
Carbon disulfide	ND	1.00	--	ND	3.11	--		5
Freon-113	ND	1.00	--	ND	7.66	--		5
trans-1,2-Dichloroethene	ND	1.00	--	ND	3.96	--		5
1,1-Dichloroethane	ND	1.00	--	ND	4.05	--		5
Methyl tert butyl ether	ND	1.00	--	ND	3.61	--		5
2-Butanone	56.1	2.50	--	165	7.37	--		5
cis-1,2-Dichloroethene	ND	1.00	--	ND	3.96	--		5

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2565460
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2565460-07 D
Client ID: GSV-07
Sample Location: EDGEMORE, NY

Date Collected: 10/15/25 12:43
Date Received: 10/15/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Ethyl Acetate	ND	2.50	--	ND	9.01	--		5
Chloroform	ND	1.00	--	ND	4.88	--		5
Tetrahydrofuran	ND	2.50	--	ND	7.37	--		5
1,2-Dichloroethane	ND	1.00	--	ND	4.05	--		5
n-Hexane	ND	1.00	--	ND	3.52	--		5
1,1,1-Trichloroethane	ND	1.00	--	ND	5.46	--		5
Benzene	ND	1.00	--	ND	3.19	--		5
Carbon tetrachloride	ND	1.00	--	ND	6.29	--		5
Cyclohexane	ND	1.00	--	ND	3.44	--		5
1,2-Dichloropropane	ND	1.00	--	ND	4.62	--		5
Bromodichloromethane	ND	1.00	--	ND	6.70	--		5
1,4-Dioxane	ND	1.00	--	ND	3.60	--		5
Trichloroethene	ND	1.00	--	ND	5.37	--		5
2,2,4-Trimethylpentane	ND	1.00	--	ND	4.67	--		5
Heptane	1.08	1.00	--	4.43	4.10	--		5
cis-1,3-Dichloropropene	ND	1.00	--	ND	4.54	--		5
4-Methyl-2-pentanone	ND	2.50	--	ND	10.2	--		5
trans-1,3-Dichloropropene	ND	1.00	--	ND	4.54	--		5
1,1,2-Trichloroethane	ND	1.00	--	ND	5.46	--		5
Toluene	7.80	1.00	--	29.4	3.77	--		5
2-Hexanone	7.26	1.00	--	29.8	4.10	--		5
Dibromochloromethane	ND	1.00	--	ND	8.52	--		5
1,2-Dibromoethane	ND	1.00	--	ND	7.69	--		5
Tetrachloroethene	ND	1.00	--	ND	6.78	--		5
Chlorobenzene	ND	1.00	--	ND	4.61	--		5
Ethylbenzene	ND	1.00	--	ND	4.34	--		5

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2565460
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2565460-07 D
Client ID: GSV-07
Sample Location: EDGEMORE, NY

Date Collected: 10/15/25 12:43
Date Received: 10/15/25
Field Prep: Not Specified

Sample Depth:

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
p/m-Xylene	3.57	2.00	--	15.5	8.69	--		5
Bromoform	ND	1.00	--	ND	10.3	--		5
Styrene	ND	1.00	--	ND	4.26	--		5
1,1,2,2-Tetrachloroethane	ND	1.00	--	ND	6.87	--		5
o-Xylene	1.00	1.00	--	4.34	4.34	--		5
4-Ethyltoluene	ND	1.00	--	ND	4.92	--		5
1,3,5-Trimethylbenzene	ND	1.00	--	ND	4.92	--		5
1,2,4-Trimethylbenzene	ND	1.00	--	ND	4.92	--		5
Benzyl chloride	ND	1.00	--	ND	5.18	--		5
1,3-Dichlorobenzene	ND	1.00	--	ND	6.01	--		5
1,4-Dichlorobenzene	ND	1.00	--	ND	6.01	--		5
1,2-Dichlorobenzene	ND	1.00	--	ND	6.01	--		5
1,2,4-Trichlorobenzene	ND	1.00	--	ND	7.42	--		5
Naphthalene	ND	0.950	--	ND	4.98	--		5
Hexachlorobutadiene	ND	1.00	--	ND	10.7	--		5

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	94		60-140
Bromochloromethane	93		60-140
chlorobenzene-d5	93		60-140

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2565460
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2565460-08 D
Client ID: GSV-08
Sample Location: EDGEMORE, NY

Date Collected: 10/15/25 13:02
Date Received: 10/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 10/21/25 02:36
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Dichlorodifluoromethane	ND	2.12	--	ND	10.5	--		10.58
Chloromethane	ND	2.12	--	ND	4.38	--		10.58
Freon-114	ND	2.12	--	ND	14.8	--		10.58
Vinyl chloride	ND	2.12	--	ND	5.42	--		10.58
1,3-Butadiene	ND	2.12	--	ND	4.69	--		10.58
Bromomethane	ND	2.12	--	ND	8.23	--		10.58
Chloroethane	ND	2.12	--	ND	5.59	--		10.58
Ethanol	2880	52.9	--	5430	99.7	--		10.58
Vinyl bromide	ND	2.12	--	ND	9.27	--		10.58
Acetone	46.1	10.6	--	110	25.2	--		10.58
Trichlorofluoromethane	ND	2.12	--	ND	11.9	--		10.58
Isopropanol	ND	10.6	--	ND	26.1	--		10.58
1,1-Dichloroethene	ND	2.12	--	ND	8.41	--		10.58
Tertiary butyl Alcohol	ND	5.29	--	ND	16.0	--		10.58
Methylene chloride	ND	5.29	--	ND	18.4	--		10.58
3-Chloropropene	ND	2.12	--	ND	6.64	--		10.58
Carbon disulfide	ND	2.12	--	ND	6.60	--		10.58
Freon-113	ND	2.12	--	ND	16.2	--		10.58
trans-1,2-Dichloroethene	ND	2.12	--	ND	8.41	--		10.58
1,1-Dichloroethane	ND	2.12	--	ND	8.58	--		10.58
Methyl tert butyl ether	ND	2.12	--	ND	7.64	--		10.58
2-Butanone	44.0	5.29	--	130	15.6	--		10.58
cis-1,2-Dichloroethene	ND	2.12	--	ND	8.41	--		10.58

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2565460
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2565460-08 D
Client ID: GSV-08
Sample Location: EDGEMORE, NY

Date Collected: 10/15/25 13:02
Date Received: 10/15/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Ethyl Acetate	ND	5.29	--	ND	19.1	--		10.58
Chloroform	ND	2.12	--	ND	10.4	--		10.58
Tetrahydrofuran	ND	5.29	--	ND	15.6	--		10.58
1,2-Dichloroethane	ND	2.12	--	ND	8.58	--		10.58
n-Hexane	ND	2.12	--	ND	7.47	--		10.58
1,1,1-Trichloroethane	ND	2.12	--	ND	11.6	--		10.58
Benzene	ND	2.12	--	ND	6.77	--		10.58
Carbon tetrachloride	ND	2.12	--	ND	13.3	--		10.58
Cyclohexane	ND	2.12	--	ND	7.30	--		10.58
1,2-Dichloropropane	ND	2.12	--	ND	9.80	--		10.58
Bromodichloromethane	ND	2.12	--	ND	14.2	--		10.58
1,4-Dioxane	ND	2.12	--	ND	7.64	--		10.58
Trichloroethene	14.9	2.12	--	80.1	11.4	--		10.58
2,2,4-Trimethylpentane	ND	2.12	--	ND	9.90	--		10.58
Heptane	ND	2.12	--	ND	8.69	--		10.58
cis-1,3-Dichloropropene	ND	2.12	--	ND	9.62	--		10.58
4-Methyl-2-pentanone	ND	5.29	--	ND	21.7	--		10.58
trans-1,3-Dichloropropene	ND	2.12	--	ND	9.62	--		10.58
1,1,2-Trichloroethane	ND	2.12	--	ND	11.6	--		10.58
Toluene	6.43	2.12	--	24.2	7.99	--		10.58
2-Hexanone	ND	2.12	--	ND	8.69	--		10.58
Dibromochloromethane	ND	2.12	--	ND	18.1	--		10.58
1,2-Dibromoethane	ND	2.12	--	ND	16.3	--		10.58
Tetrachloroethene	556	2.12	--	3770	14.4	--		10.58
Chlorobenzene	ND	2.12	--	ND	9.76	--		10.58
Ethylbenzene	ND	2.12	--	ND	9.21	--		10.58

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2565460
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2565460-08 D
Client ID: GSV-08
Sample Location: EDGEMORE, NY

Date Collected: 10/15/25 13:02
Date Received: 10/15/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
p/m-Xylene	ND	4.23	--	ND	18.4	--		10.58
Bromoform	ND	2.12	--	ND	21.9	--		10.58
Styrene	ND	2.12	--	ND	9.03	--		10.58
1,1,2,2-Tetrachloroethane	ND	2.12	--	ND	14.6	--		10.58
o-Xylene	ND	2.12	--	ND	9.21	--		10.58
4-Ethyltoluene	ND	2.12	--	ND	10.4	--		10.58
1,3,5-Trimethylbenzene	ND	2.12	--	ND	10.4	--		10.58
1,2,4-Trimethylbenzene	ND	2.12	--	ND	10.4	--		10.58
Benzyl chloride	ND	2.12	--	ND	11.0	--		10.58
1,3-Dichlorobenzene	ND	2.12	--	ND	12.7	--		10.58
1,4-Dichlorobenzene	ND	2.12	--	ND	12.7	--		10.58
1,2-Dichlorobenzene	ND	2.12	--	ND	12.7	--		10.58
1,2,4-Trichlorobenzene	ND	2.12	--	ND	15.7	--		10.58
Naphthalene	ND	2.01	--	ND	10.5	--		10.58
Hexachlorobutadiene	ND	2.12	--	ND	22.6	--		10.58

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	96		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	94		60-140

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2565460
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2565460-09 D
Client ID: GSV-09
Sample Location: EDGEMORE, NY

Date Collected: 10/15/25 13:00
Date Received: 10/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 10/21/25 03:07
Analyst: RAY

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Dichlorodifluoromethane	0.446	0.400	--	2.21	1.98	--		2
Chloromethane	ND	0.400	--	ND	0.826	--		2
Freon-114	ND	0.400	--	ND	2.80	--		2
Vinyl chloride	ND	0.400	--	ND	1.02	--		2
1,3-Butadiene	ND	0.400	--	ND	0.885	--		2
Bromomethane	ND	0.400	--	ND	1.55	--		2
Chloroethane	ND	0.400	--	ND	1.06	--		2
Ethanol	ND	10.0	--	ND	18.8	--		2
Vinyl bromide	ND	0.400	--	ND	1.75	--		2
Acetone	84.8	2.00	--	201	4.75	--		2
Trichlorofluoromethane	ND	0.400	--	ND	2.25	--		2
Isopropanol	6.56	2.00	--	16.1	4.92	--		2
1,1-Dichloroethene	ND	0.400	--	ND	1.59	--		2
Tertiary butyl Alcohol	1.38	1.00	--	4.18	3.03	--		2
Methylene chloride	ND	1.00	--	ND	3.47	--		2
3-Chloropropene	ND	0.400	--	ND	1.25	--		2
Carbon disulfide	ND	0.400	--	ND	1.25	--		2
Freon-113	ND	0.400	--	ND	3.07	--		2
trans-1,2-Dichloroethene	ND	0.400	--	ND	1.59	--		2
1,1-Dichloroethane	ND	0.400	--	ND	1.62	--		2
Methyl tert butyl ether	ND	0.400	--	ND	1.44	--		2
2-Butanone	24.8	1.00	--	73.1	2.95	--		2
cis-1,2-Dichloroethene	1.81	0.400	--	7.18	1.59	--		2

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2565460
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2565460-09 D
Client ID: GSV-09
Sample Location: EDGEMORE, NY

Date Collected: 10/15/25 13:00
Date Received: 10/15/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Ethyl Acetate	ND	1.00	--	ND	3.60	--		2
Chloroform	1.79	0.400	--	8.74	1.95	--		2
Tetrahydrofuran	ND	1.00	--	ND	2.95	--		2
1,2-Dichloroethane	ND	0.400	--	ND	1.62	--		2
n-Hexane	1.39	0.400	--	4.90	1.41	--		2
1,1,1-Trichloroethane	ND	0.400	--	ND	2.18	--		2
Benzene	ND	0.400	--	ND	1.28	--		2
Carbon tetrachloride	ND	0.400	--	ND	2.52	--		2
Cyclohexane	ND	0.400	--	ND	1.38	--		2
1,2-Dichloropropane	ND	0.400	--	ND	1.85	--		2
Bromodichloromethane	ND	0.400	--	ND	2.68	--		2
1,4-Dioxane	ND	0.400	--	ND	1.44	--		2
Trichloroethene	8.34	0.400	--	44.8	2.15	--		2
2,2,4-Trimethylpentane	ND	0.400	--	ND	1.87	--		2
Heptane	0.650	0.400	--	2.66	1.64	--		2
cis-1,3-Dichloropropene	ND	0.400	--	ND	1.82	--		2
4-Methyl-2-pentanone	ND	1.00	--	ND	4.10	--		2
trans-1,3-Dichloropropene	ND	0.400	--	ND	1.82	--		2
1,1,2-Trichloroethane	ND	0.400	--	ND	2.18	--		2
Toluene	1.36	0.400	--	5.13	1.51	--		2
2-Hexanone	5.93	0.400	--	24.3	1.64	--		2
Dibromochloromethane	ND	0.400	--	ND	3.41	--		2
1,2-Dibromoethane	ND	0.400	--	ND	3.07	--		2
Tetrachloroethene	151	0.400	--	1020	2.71	--		2
Chlorobenzene	ND	0.400	--	ND	1.84	--		2
Ethylbenzene	0.682	0.400	--	2.96	1.74	--		2

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2565460
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2565460-09 D
Client ID: GSV-09
Sample Location: EDGEMORE, NY

Date Collected: 10/15/25 13:00
Date Received: 10/15/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
p/m-Xylene	2.69	0.800	--	11.7	3.47	--		2
Bromoform	ND	0.400	--	ND	4.14	--		2
Styrene	ND	0.400	--	ND	1.70	--		2
1,1,2,2-Tetrachloroethane	ND	0.400	--	ND	2.75	--		2
o-Xylene	1.48	0.400	--	6.43	1.74	--		2
4-Ethyltoluene	ND	0.400	--	ND	1.97	--		2
1,3,5-Trimethylbenzene	0.490	0.400	--	2.41	1.97	--		2
1,2,4-Trimethylbenzene	1.73	0.400	--	8.50	1.97	--		2
Benzyl chloride	ND	0.400	--	ND	2.07	--		2
1,3-Dichlorobenzene	ND	0.400	--	ND	2.40	--		2
1,4-Dichlorobenzene	ND	0.400	--	ND	2.40	--		2
1,2-Dichlorobenzene	ND	0.400	--	ND	2.40	--		2
1,2,4-Trichlorobenzene	ND	0.400	--	ND	2.97	--		2
Naphthalene	ND	0.380	--	ND	1.99	--		2
Hexachlorobutadiene	ND	0.400	--	ND	4.27	--		2

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

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2565460
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2565460-10
Client ID: DUP-2025-10-25
Sample Location: EDGEMORE, NY

Date Collected: 10/15/25 00:00
Date Received: 10/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 10/21/25 03:40
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Dichlorodifluoromethane	0.462	0.200	--	2.28	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	76.5	1.00	--	182	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	1.21	1.00	--	2.97	2.46	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	1.12	0.500	--	3.40	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	21.4	0.500	--	63.1	1.47	--		1
cis-1,2-Dichloroethene	0.389	0.200	--	1.54	0.793	--		1

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2565460
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2565460-10
Client ID: DUP-2025-10-25
Sample Location: EDGEMORE, NY

Date Collected: 10/15/25 00:00
Date Received: 10/15/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	2.07	0.200	--	10.1	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.431	0.200	--	1.52	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	1.74	0.200	--	9.35	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	0.549	0.200	--	2.25	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	1.31	0.200	--	4.94	0.754	--		1
2-Hexanone	7.45	0.200	--	30.5	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	39.4	0.200	--	267	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.791	0.200	--	3.44	0.869	--		1

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2565460
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2565460-10
Client ID: DUP-2025-10-25
Sample Location: EDGEMORE, NY

Date Collected: 10/15/25 00:00
Date Received: 10/15/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
p/m-Xylene	3.20	0.400	--	13.9	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	1.70	0.200	--	7.38	0.869	--		1
4-Ethyltoluene	0.355	0.200	--	1.75	0.983	--		1
1,3,5-Trimethylbenzene	0.545	0.200	--	2.68	0.983	--		1
1,2,4-Trimethylbenzene	1.92	0.200	--	9.44	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.190	--	ND	0.996	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	97		60-140
Bromochloromethane	94		60-140
chlorobenzene-d5	94		60-140

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2565460
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2565460-11
Client ID: AA-01
Sample Location: EDGEMORE, NY

Date Collected: 10/15/25 13:10
Date Received: 10/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 10/19/25 20:18
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Dichlorodifluoromethane	0.452	0.200	--	2.24	0.989	--		1
Chloromethane	0.487	0.200	--	1.01	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	3.41	1.00	--	8.10	2.38	--		1
Trichlorofluoromethane	0.206	0.200	--	1.16	1.12	--		1
Isopropanol	1.14	1.00	--	2.80	2.46	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2565460
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2565460-11
Client ID: AA-01
Sample Location: EDGEMORE, NY

Date Collected: 10/15/25 13:10
Date Received: 10/15/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	0.277	0.200	--	1.04	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2565460
Report Date: 10/21/25

SAMPLE RESULTS

Lab ID: L2565460-11
Client ID: AA-01
Sample Location: EDGEMORE, NY

Date Collected: 10/15/25 13:10
Date Received: 10/15/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.190	--	ND	0.996	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	90		60-140
Bromochloromethane	92		60-140
chlorobenzene-d5	89		60-140

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2565460
Report Date: 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 10/19/25 15:07

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab for sample(s): 11 Batch: WG2129876-4								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2565460
Report Date: 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 10/19/25 15:07

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab for sample(s): 11 Batch: WG2129876-4								
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2565460
Report Date: 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 10/19/25 15:07

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab for sample(s): 11 Batch: WG2129876-4								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.190	--	ND	0.996	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2565460
Report Date: 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 10/20/25 17:38

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab for sample(s): 01-10 Batch: WG2130275-4								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2565460
Report Date: 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 10/20/25 17:38

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab for sample(s): 01-10 Batch: WG2130275-4								
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00
Lab Number: L2565460
Report Date: 10/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 10/20/25 17:38

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab for sample(s): 01-10 Batch: WG2130275-4								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.190	--	ND	0.996	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2565460
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Air Lab	Associated sample(s): 11		Batch: WG2129876-3					
Dichlorodifluoromethane	104		-		70-130	-		
Chloromethane	96		-		70-130	-		
Freon-114	108		-		70-130	-		
Vinyl chloride	102		-		70-130	-		
1,3-Butadiene	103		-		70-130	-		
Bromomethane	106		-		70-130	-		
Chloroethane	106		-		70-130	-		
Ethanol	85		-		40-160	-		
Vinyl bromide	102		-		70-130	-		
Acetone	98		-		40-160	-		
Trichlorofluoromethane	106		-		70-130	-		
Isopropanol	91		-		40-160	-		
1,1-Dichloroethene	105		-		70-130	-		
Tertiary butyl Alcohol	86		-		70-130	-		
Methylene chloride	104		-		70-130	-		
3-Chloropropene	100		-		70-130	-		
Carbon disulfide	95		-		70-130	-		
Freon-113	103		-		70-130	-		
trans-1,2-Dichloroethene	100		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2565460
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Air Lab	Associated sample(s): 11		Batch: WG2129876-3					
1,1-Dichloroethane	101		-		70-130	-		
Methyl tert butyl ether	106		-		70-130	-		
2-Butanone	116		-		70-130	-		
cis-1,2-Dichloroethene	110		-		70-130	-		
Ethyl Acetate	98		-		70-130	-		
Chloroform	104		-		70-130	-		
Tetrahydrofuran	116		-		70-130	-		
1,2-Dichloroethane	99		-		70-130	-		
n-Hexane	115		-		70-130	-		
1,1,1-Trichloroethane	95		-		70-130	-		
Benzene	109		-		70-130	-		
Carbon tetrachloride	107		-		70-130	-		
Cyclohexane	118		-		70-130	-		
1,2-Dichloropropane	109		-		70-130	-		
Bromodichloromethane	111		-		70-130	-		
1,4-Dioxane	107		-		70-130	-		
Trichloroethene	106		-		70-130	-		
2,2,4-Trimethylpentane	114		-		70-130	-		
Heptane	119		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2565460
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Air Lab	Associated sample(s): 11		Batch: WG2129876-3					
cis-1,3-Dichloropropene	119		-		70-130	-		
4-Methyl-2-pentanone	118		-		70-130	-		
trans-1,3-Dichloropropene	**133**	Q	-		70-130	-		
1,1,2-Trichloroethane	107		-		70-130	-		
Toluene	108		-		70-130	-		
2-Hexanone	110		-		70-130	-		
Dibromochloromethane	106		-		70-130	-		
1,2-Dibromoethane	108		-		70-130	-		
Tetrachloroethene	97		-		70-130	-		
Chlorobenzene	100		-		70-130	-		
Ethylbenzene	108		-		70-130	-		
p/m-Xylene	110		-		70-130	-		
Bromoform	105		-		70-130	-		
Styrene	108		-		70-130	-		
1,1,2,2-Tetrachloroethane	102		-		70-130	-		
o-Xylene	106		-		70-130	-		
4-Ethyltoluene	108		-		70-130	-		
1,3,5-Trimethylbenzene	110		-		70-130	-		
1,2,4-Trimethylbenzene	107		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2565460
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Air Lab	Associated sample(s): 11		Batch: WG2129876-3					
Benzyl chloride	77		-		70-130	-		
1,3-Dichlorobenzene	97		-		70-130	-		
1,4-Dichlorobenzene	97		-		70-130	-		
1,2-Dichlorobenzene	94		-		70-130	-		
1,2,4-Trichlorobenzene	93		-		70-130	-		
Naphthalene	103		-		70-130	-		
Hexachlorobutadiene	78		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2565460
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Air Lab	Associated sample(s): 01-10		Batch: WG2130275-3					
Dichlorodifluoromethane	99		-		70-130	-		
Chloromethane	90		-		70-130	-		
Freon-114	102		-		70-130	-		
Vinyl chloride	97		-		70-130	-		
1,3-Butadiene	99		-		70-130	-		
Bromomethane	100		-		70-130	-		
Chloroethane	98		-		70-130	-		
Ethanol	75		-		40-160	-		
Vinyl bromide	95		-		70-130	-		
Acetone	91		-		40-160	-		
Trichlorofluoromethane	96		-		70-130	-		
Isopropanol	88		-		40-160	-		
1,1-Dichloroethene	98		-		70-130	-		
Tertiary butyl Alcohol	79		-		70-130	-		
Methylene chloride	99		-		70-130	-		
3-Chloropropene	95		-		70-130	-		
Carbon disulfide	99		-		70-130	-		
Freon-113	96		-		70-130	-		
trans-1,2-Dichloroethene	95		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2565460
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Air Lab Associated sample(s): 01-10 Batch: WG2130275-3								
1,1-Dichloroethane	96		-		70-130	-		
Methyl tert butyl ether	98		-		70-130	-		
2-Butanone	109		-		70-130	-		
cis-1,2-Dichloroethene	106		-		70-130	-		
Ethyl Acetate	92		-		70-130	-		
Chloroform	99		-		70-130	-		
Tetrahydrofuran	108		-		70-130	-		
1,2-Dichloroethane	96		-		70-130	-		
n-Hexane	111		-		70-130	-		
1,1,1-Trichloroethane	92		-		70-130	-		
Benzene	107		-		70-130	-		
Carbon tetrachloride	104		-		70-130	-		
Cyclohexane	112		-		70-130	-		
1,2-Dichloropropane	106		-		70-130	-		
Bromodichloromethane	108		-		70-130	-		
1,4-Dioxane	105		-		70-130	-		
Trichloroethene	102		-		70-130	-		
2,2,4-Trimethylpentane	111		-		70-130	-		
Heptane	115		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2565460
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Air Lab	Associated sample(s): 01-10		Batch: WG2130275-3					
cis-1,3-Dichloropropene	116		-		70-130	-		
4-Methyl-2-pentanone	112		-		70-130	-		
trans-1,3-Dichloropropene	124		-		70-130	-		
1,1,2-Trichloroethane	105		-		70-130	-		
Toluene	106		-		70-130	-		
2-Hexanone	108		-		70-130	-		
Dibromochloromethane	108		-		70-130	-		
1,2-Dibromoethane	105		-		70-130	-		
Tetrachloroethene	97		-		70-130	-		
Chlorobenzene	100		-		70-130	-		
Ethylbenzene	106		-		70-130	-		
p/m-Xylene	108		-		70-130	-		
Bromoform	106		-		70-130	-		
Styrene	106		-		70-130	-		
1,1,2,2-Tetrachloroethane	103		-		70-130	-		
o-Xylene	106		-		70-130	-		
4-Ethyltoluene	107		-		70-130	-		
1,3,5-Trimethylbenzene	110		-		70-130	-		
1,2,4-Trimethylbenzene	107		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2565460
Report Date: 10/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Air Lab Associated sample(s): 01-10 Batch: WG2130275-3								
Benzyl chloride	78		-		70-130	-		
1,3-Dichlorobenzene	100		-		70-130	-		
1,4-Dichlorobenzene	98		-		70-130	-		
1,2-Dichlorobenzene	96		-		70-130	-		
1,2,4-Trichlorobenzene	96		-		70-130	-		
Naphthalene	107		-		70-130	-		
Hexachlorobutadiene	85		-		70-130	-		

Project Name: OCEAN BAY REDEVELOPMENT

Project Number: 41.0163476.00

Lab Number: L2565460

Report Date: 10/21/25

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt	Flow Controler Leak Chk	Flow Out mL/min	Flow In	% RPD
L2565460-01	GSV-01	0795	Flow 2	10/03/25	538571		-	-	-	Pass	40.3	41.9	4
L2565460-01	GSV-01	2465	6.0L Can	10/03/25	538571	L2561868-04	Pass	-29.9	-4.8	-	-	-	-
L2565460-02	GSV-02	0028	Flow 2	10/03/25	538571		-	-	-	Pass	39.8	40.6	2
L2565460-02	GSV-02	1563	6.0L Can	10/03/25	538571	L2557511-08	Pass	-29.7	-5.0	-	-	-	-
L2565460-03	GSV-03	01136	Flow 2	10/03/25	538571		-	-	-	Pass	39.8	41.1	3
L2565460-03	GSV-03	2777	6.0L Can	10/03/25	538571	L2559312-07	Pass	-29.7	-5.2	-	-	-	-
L2565460-04	GSV-04	01962	Flow 2	10/03/25	538571		-	-	-	Pass	39.9	42.3	6
L2565460-04	GSV-04	686	6.0L Can	10/03/25	538571	L2559312-07	Pass	-29.6	-5.5	-	-	-	-
L2565460-05	GSV-05	02971	Flow 2	10/03/25	538571		-	-	-	Pass	40.5	42.3	4
L2565460-05	GSV-05	2115	6.0L Can	10/03/25	538571	L2557511-08	Pass	-29.8	-3.7	-	-	-	-
L2565460-06	GSV-06	03020	Flow 2	10/03/25	538571		-	-	-	Pass	40.0	27.5	37
L2565460-06	GSV-06	5242	6.0L Can	10/03/25	538571	L2559312-07	Pass	-29.7	-13.1	-	-	-	-
L2565460-07	GSV-07	02179	Flow 2	10/03/25	538571		-	-	-	Pass	39.5	41.2	4
L2565460-07	GSV-07	3343	6.0L Can	10/03/25	538571	L2557511-08	Pass	-29.8	-5.4	-	-	-	-
L2565460-08	GSV-08	03053	Flow 2	10/03/25	538571		-	-	-	Pass	39.6	40.8	3

Project Name: OCEAN BAY REDEVELOPMENT

Project Number: 41.0163476.00

Lab Number: L2565460

Report Date: 10/21/25

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt	Flow Controler Leak Chk	Flow Out mL/min	Flow In	% RPD
L2565460-08	GSV-08	2379	6.0L Can	10/03/25	538571	L2559312-07	Pass	-29.6	-6.1	-	-	-	-
L2565460-09	GSV-09	02628	Flow 2	10/03/25	538571		-	-	-	Pass	39.6	41.1	4
L2565460-09	GSV-09	3371	6.0L Can	10/03/25	538571	L2557511-08	Pass	-29.9	-5.6	-	-	-	-
L2565460-10	DUP-2025-10-25	03042	Flow 2	10/03/25	538571		-	-	-	Pass	39.8	39.8	0
L2565460-10	DUP-2025-10-25	1537	6.0L Can	10/03/25	538571	L2559312-07	Pass	-29.8	-6.0	-	-	-	-
L2565460-11	AA-01	0069	Flow 2	10/03/25	538571		-	-	-	Pass	40.1	39.8	1
L2565460-11	AA-01	3960	6.0L Can	10/03/25	538571	L2559312-07	Pass	-29.7	-6.1	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2557511
Report Date: 10/21/25

Air Canister Certification Results

Lab ID: L2557511-08
Client ID: CAN 2970 SHELF 112
Sample Location:

Date Collected: 09/12/25 12:00
Date Received: 09/12/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 09/12/25 22:55
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2557511
Report Date: 10/21/25

Air Canister Certification Results

Lab ID: L2557511-08
Client ID: CAN 2970 SHELF 112
Sample Location:

Date Collected: 09/12/25 12:00
Date Received: 09/12/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2557511

Project Number: CANISTER QC BAT **Report Date:** 10/21/25

Air Canister Certification Results

Lab ID: L2557511-08
Client ID: CAN 2970 SHELF 112
Sample Location:

Date Collected: 09/12/25 12:00
Date Received: 09/12/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2557511
Report Date: 10/21/25

Air Canister Certification Results

Lab ID: L2557511-08
Client ID: CAN 2970 SHELF 112
Sample Location:

Date Collected: 09/12/25 12:00
Date Received: 09/12/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	0.996	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2557511

Project Number: CANISTER QC BAT **Report Date:** 10/21/25

Air Canister Certification Results

Lab ID: L2557511-08
Client ID: CAN 2970 SHELF 112
Sample Location:

Date Collected: 09/12/25 12:00
Date Received: 09/12/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	85		60-140
Bromochloromethane	94		60-140
chlorobenzene-d5	81		60-140

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2557511

Project Number: CANISTER QC BAT **Report Date:** 10/21/25

Air Canister Certification Results

Lab ID: L2557511-08
Client ID: CAN 2970 SHELF 112
Sample Location:

Date Collected: 09/12/25 12:00
Date Received: 09/12/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 09/12/25 22:55
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2557511
Report Date: 10/21/25

Air Canister Certification Results

Lab ID: L2557511-08
Client ID: CAN 2970 SHELF 112
Sample Location:

Date Collected: 09/12/25 12:00
Date Received: 09/12/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2557511
Report Date: 10/21/25

Air Canister Certification Results

Lab ID: L2557511-08
Client ID: CAN 2970 SHELF 112
Sample Location:

Date Collected: 09/12/25 12:00
Date Received: 09/12/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	84		60-140
bromochloromethane	93		60-140
chlorobenzene-d5	83		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2559312
Report Date: 10/21/25

Air Canister Certification Results

Lab ID: L2559312-07
Client ID: CAN 3318 SHELF 113
Sample Location:

Date Collected: 09/19/25 13:00
Date Received: 09/19/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 09/20/25 00:24
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2559312
Report Date: 10/21/25

Air Canister Certification Results

Lab ID: L2559312-07
Client ID: CAN 3318 SHELF 113
Sample Location:

Date Collected: 09/19/25 13:00
Date Received: 09/19/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2559312
Report Date: 10/21/25

Air Canister Certification Results

Lab ID: L2559312-07
Client ID: CAN 3318 SHELF 113
Sample Location:

Date Collected: 09/19/25 13:00
Date Received: 09/19/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2559312
Report Date: 10/21/25

Air Canister Certification Results

Lab ID: L2559312-07
Client ID: CAN 3318 SHELF 113
Sample Location:

Date Collected: 09/19/25 13:00
Date Received: 09/19/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	0.996	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2559312

Project Number: CANISTER QC BAT **Report Date:** 10/21/25

Air Canister Certification Results

Lab ID: L2559312-07
Client ID: CAN 3318 SHELF 113
Sample Location:

Date Collected: 09/19/25 13:00
Date Received: 09/19/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	85		60-140
Bromochloromethane	93		60-140
chlorobenzene-d5	84		60-140

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2559312

Project Number: CANISTER QC BAT **Report Date:** 10/21/25

Air Canister Certification Results

Lab ID: L2559312-07
Client ID: CAN 3318 SHELF 113
Sample Location:

Date Collected: 09/19/25 13:00
Date Received: 09/19/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 09/20/25 00:24
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2559312

Project Number: CANISTER QC BAT **Report Date:** 10/21/25

Air Canister Certification Results

Lab ID: L2559312-07
Client ID: CAN 3318 SHELF 113
Sample Location:

Date Collected: 09/19/25 13:00
Date Received: 09/19/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2559312
Report Date: 10/21/25

Air Canister Certification Results

Lab ID: L2559312-07
Client ID: CAN 3318 SHELF 113
Sample Location:

Date Collected: 09/19/25 13:00
Date Received: 09/19/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	81		60-140
bromochloromethane	90		60-140
chlorobenzene-d5	82		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2561868
Report Date: 10/21/25

Air Canister Certification Results

Lab ID: L2561868-04
Client ID: CAN 3634 SHELF 79
Sample Location:

Date Collected: 10/01/25 07:00
Date Received: 10/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 10/01/25 21:58
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2561868
Report Date: 10/21/25

Air Canister Certification Results

Lab ID: L2561868-04
Client ID: CAN 3634 SHELF 79
Sample Location:

Date Collected: 10/01/25 07:00
Date Received: 10/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2561868
Report Date: 10/21/25

Air Canister Certification Results

Lab ID: L2561868-04
Client ID: CAN 3634 SHELF 79
Sample Location:

Date Collected: 10/01/25 07:00
Date Received: 10/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2561868

Project Number: CANISTER QC BAT **Report Date:** 10/21/25

Air Canister Certification Results

Lab ID: L2561868-04
Client ID: CAN 3634 SHELF 79
Sample Location:

Date Collected: 10/01/25 07:00
Date Received: 10/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	0.996	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2561868

Project Number: CANISTER QC BAT **Report Date:** 10/21/25

Air Canister Certification Results

Lab ID: L2561868-04
Client ID: CAN 3634 SHELF 79
Sample Location:

Date Collected: 10/01/25 07:00
Date Received: 10/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	81		60-140
Bromochloromethane	92		60-140
chlorobenzene-d5	79		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2561868
Report Date: 10/21/25

Air Canister Certification Results

Lab ID: L2561868-04
Client ID: CAN 3634 SHELF 79
Sample Location:

Date Collected: 10/01/25 07:00
Date Received: 10/01/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/01/25 21:58
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2561868

Project Number: CANISTER QC BAT **Report Date:** 10/21/25

Air Canister Certification Results

Lab ID: L2561868-04
Client ID: CAN 3634 SHELF 79
Sample Location:

Date Collected: 10/01/25 07:00
Date Received: 10/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2561868
Report Date: 10/21/25

Air Canister Certification Results

Lab ID: L2561868-04
Client ID: CAN 3634 SHELF 79
Sample Location:

Date Collected: 10/01/25 07:00
Date Received: 10/01/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	82		60-140
bromochloromethane	92		60-140
chlorobenzene-d5	82		60-140

Project Name: OCEAN BAY REDEVELOPMENT
Project Number: 41.0163476.00

Lab Number: L2565460
Report Date: 10/21/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
NA	Present/Intact

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2565460-01A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2565460-02A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2565460-03A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2565460-04A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2565460-05A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2565460-06A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2565460-07A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2565460-08A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2565460-09A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2565460-10A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2565460-11A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)

*Values in parentheses indicate holding time in days

Project Name:	OCEAN BAY REDEVELOPMENT	**Lab Number:**	L2565460
Project Number:	41.0163476.00	**Report Date:**	10/21/25

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: Data Usability Report

Project Name:	OCEAN BAY REDEVELOPMENT	**Lab Number:**	L2565460
Project Number:	41.0163476.00	**Report Date:**	10/21/25

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

Report Format: Data Usability Report

Project Name:	OCEAN BAY REDEVELOPMENT	**Lab Number:**	L2565460
Project Number:	41.0163476.00	**Report Date:**	10/21/25

Data Qualifiers

ND	- Not detected at the reporting limit (RL) for the sample.
NJ	- Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
P	- The RPD between the results for the two columns exceeds the method-specified criteria.
Q	- The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
R	- Analytical results are from sample re-analysis.
RE	- Analytical results are from sample re-extraction.
S	- Analytical results are from modified screening analysis.
V	- The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
Z	- The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: OCEAN BAY REDEVELOPMENT **Lab Number:** L2565460

Project Number: 41.0163476.00 **Report Date:** 10/21/25

REFERENCES

48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, 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.

AIR ANALYSIS

PAGE 1 OF 2

CHAIN OF CUSTODY

Pace ANALYTICAL SERVICES

120 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 10/16/25

Pace® Job #: L2565460

Client Information

Client: GZA GeoEnvironmental
Address: 104 W 29th St, Fl.10
NY, NY 10001
Phone: 347-443-1059
Fax:
Email: Reinbill.Maniquez@gza.com
☐ These samples have been previously analyzed by Pace

Project Information

Project Name: Ocean Bay Redevelopment
Project Location: Edgemere, NY
Project #: 41.0163476.00
Project Manager: Bill Maniquez
Pace® Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☐ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☒ EMAIL (standard pdf report)
☐ Additional Deliverables:
Report to: (if different than Project Manager)

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

All Columns Below Must Be Filled Out

ANALYSIS

PACE Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	TO-15	TO-15 SIM	APH Subset Non-petroleum HCs ☐	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
65460-01	GSV-01	10/15/25	11:05	13:05	-30.05	-5.45	SV		6L	1465	0745	X					
-02	GSV-02		10:42	12:42	-29.98	-6.54				1563	00278						
-03	GSV-03		10:40	12:40	-30.05	-5.97				2777	01136						
-04	GSV04		10:48	12:48	-29.76	-6.14				0940 626	01962						
-05	GSV-05		10:45	12:45	-30.00	-4.4				2115	02971						
-06	GSV-06		11:12	13:25	-30.13	-13.85				5242	03020						
-07	GSV-07		10:43	12:43	-29.95	-6.26				5343	02774						
-08	GSV-08		11:02	13:02	-29.82	-6.83				2574	03053						
-09	GSV-04		11:00	13:00	-29.57	-6.27				3371	02628						
-10	DUP-2025-10-15		—	—	-30.05	-6.77				1557	03042						

*SAMPLE MATRIX CODES
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type: 6L

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambi-guities are resolved. All samples submitted are subject to Pace's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time:
Anthony Green	10/15/25 1816	Anthony Green	10/15/25 18:15
Alberto Liz	10/16/2025	Alberto Liz	OCT 15 2025
Alberto Liz	10-16-25 0535		10-16-25 0200
			10/16/25 0535

(25-Sep-15)

AIR ANALYSIS

Pace ANALYTICAL SERVICES

CHAIN OF CUSTODY

PAGE 2 OF 2

120 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 10/16/25

Pace® Job #: L2565460

Client Information

Client: G2A GeoEnvironmental
Address: 104 W 29th St, Fl-10
NY, NY 10001
Phone: 347-443-1059
Fax:
Email: Reinbill.Maniquez@g2a.com
☐ These samples have been previously analyzed by Pace

Project Information

Project Name: Ocean Bay Redevelopment
Project Location: Edgemere, NY
Project #: 41.01634476.00
Project Manager: Bill Maniquez
Pace® Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☐ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☒ EMAIL (standard pdf report)
☐ Additional Deliverables:
Report to: (if different than Project Manager)

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

ANALYSIS

TO-15 | TO-15 SIM | APH (Subtract Non-petroleum HCs ☐) | Fixed Gases | Sulfides & Mercaptans by TO-15

All Columns Below Must Be Filled Out

PACE Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	TO-15	TO-15 SIM	APH	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
65460 ~~-01~~ HVC-11	AA-01	10/15/25	12:10	13:10	-29.97	-6.5	AA	MJ	6L	3460	0064	X					

*SAMPLE MATRIX CODES
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type: SC

Relinquished By:	Date/Time	Received By:	Date/Time:
Anthony Green	10/15/25 1816	Anthony Green	10/15/25 18:16
Alberto Liz 10-16-25 0535	10/16/25 2016	Alberto Liz	OCT 15 2025 2100 10-16-25 0200

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambi-guities are resolved. All samples submitted are subject to Pace's Terms and Conditions. See reverse side.

Sample Delivery Group Summary

Pace Job Number : L2565460
Received : 15-OCT-2025
Reviewer : Christopher J Anderson

Account Name : GZA GeoEnvironmental, Inc.
Project Number : 41.0163476.00
Project Name : OCEAN BAY REDEVELOPMENT

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
NA	Present/Intact/NA			

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? **YES**
L2565460-07: FC ID #02174 vs. FC ID #02179
L2565460-11: FC ID #0064 vs. FC ID #0069

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? **YES**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client? **NA**



GZA GeoEnvironmental of New York