Periodic Review Report

Reporting Period May 9, 2024 to May 9, 2025

Olean Redevelopment Parcel 1
BCP Site No. C905031
Olean, New York

June 2025

Prepared for:

Olean Gateway LLC & HK Olean Hotel LLC

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1. Introduction

Roux Environmental Engineering & Geology, D.P.C (Roux) has prepared this Periodic Review Report (PRR) on behalf of Olean Gateway LLC and HK Olean Hotel LLC (HK Olean) to summarize the post-remedial status of the New York State Department of Environmental Conservation (NYSDEC) Olean Redevelopment Parcel 1 Brownfield Cleanup Program (BCP) Site No. C905031 (Site). The Site is in Olean, Cattaraugus County, New York (see Figure 1).

This PRR has been prepared in accordance with NYSDEC DER-10/Technical Guidance for Site Investigation and Remediation (May 3, 2010) (Ref. 1) for the period May 9, 2024 to May 9, 2025. Appendix A includes the completed NYSDEC Institutional and Engineering Controls (IC/EC) Certification Form for the Site.

1.1 Site Background

Olean Gateway LLC entered into a Brownfield Cleanup Agreement (BCA) with the NYSDEC in October 2012 to investigate and remediate the 25.099-acre Site that consisted of two tax parcels in the City of Olean, Cattaraugus County, New York identified as 1404-1406 Buffalo Street (Tax Map # 94.047-2-29; 24.154 acres) and 1420 Buffalo Street (Tax Map # 94.047-2-30; 0.945 acres) (see Figure 1). The Site was remediated to NYSDEC Part 375 Track 4 commercial soil cleanup objectives (CSCOs).

Olean Redevelopment Parcel 1 is a portion of a larger former refinery operation that operated in the Olean area from the mid-1800s through the 1950s. Separate refineries operated on the property and were merged in 1902 into the Vacuum Oil Company that, in 1931, became the Socony-Vacuum Oil Company until 1954 when the refinery closed. The property was divided into multiple parcels in the 1960s. Felmont Oil Company (Felmont) constructed an anhydrous ammonia plant on the northern parcels (Olean Redevelopment Parcels 2 and 3) where they manufactured ammonia from natural gas. Felmont sold the ammonia to Agway for use in manufacturing fertilizer at Agway's plant located on Olean Redevelopment Parcel 1. In 1983, Agway purchased the portion of the Felmont site that included the ammonia production plant. Agway dismantled and sold both the ammonia and fertilizer plants in 1984.

The properties adjoining and surrounding the Site primarily include commercial and industrial properties. The Site is bound by a Verizon facility, Olean Redevelopment Parcel 2 (currently redeveloped as a solar farm), and an undeveloped portion of Olean Redevelopment Site 3 to the north; the Dresser-Rand Company to the east; and Buffalo Street to the south and west. Figure 2 is an aerial view of the Site prior to remediation. Figure 3 is an aerial view of the Site following remediation and prior to the redevelopment activities.

A Remedial Action Work Plan (RAWP; Ref. 2) was prepared and submitted by Olean Gateway LLC in March 2014 and approved by the NYSDEC to address the residual soil and groundwater remediation. The remedial program was successful in achieving the remedial objectives for the Site. The Site Management Plan (SMP; Ref. 3) and Final Engineering Report (FER; Ref. 4) were approved by the NYSDEC in November and December 2016. The Certificate of Completion (COC) was recorded on December 20, 2016.

The owner of the Site at the time of issuance of the SMP was Olean Gateway LLC. The Site has since been subdivided as illustrated by Figure 3. Ownership of approximately 5.83 acres in the southeast portion of the Site was transferred in 2018 to HK Olean. The conveyance of this portion to HK Olean changed the tax map identification numbers to 94.047-2-29.1 and 94.047-2-29.2 (see Figure 4). Olean Gateway retained the status and rights as a COC holder.

On March 5, 2019, HK Olean submitted a 60-Day Advance Notification to NYSDEC (provided in Appendix A of the 2019 PRR) of its intent to transfer a portion of the 5.83-acre property and the COC to Buffalo Olean I LLC (1.56 acres) and Buffalo Olean II LLC (1.88 acres); this transfer occurred on May 17, 2019. HK Olean retained ownership of a 2.39-acre parcel and its status and rights as a COC holder.

The portion of the site retained by HK Olean was redeveloped with a hotel between 2020 and 2021. Redevelopment excavation work and import/export material logs are included in the Construction Closeout Report (CCR) submitted to DEC in June 2021.

1.2 Purpose/Scope

The SMP requires, among other things, periodic inspections, and certification that the IC/ECs implemented at the Site remain in place and are functioning as designed. This PRR serves that purpose as well as documenting post-remedial actions taken since the COC was issued.

2. Site Overview

The Site is a 25.099-acre area bounded by Buffalo Street to the south and west; a Verizon facility, Olean Redevelopment Site 2 (NYSDEC BCP Site C905032), and Olean Redevelopment Parcel 3 (NYSDEC BCP Site No. C905033) to the north; and Dresser-Rand to the east. The boundaries of the Site are more fully described in the Environmental Easement (Ref. 3; Appendix D).

Prior remedial activities occurred between 2010 and 2015 and were performed under the 2009 Interim Remedial Measures (IRM) Work Plan (Ref. 5) and 2014 RAWP (Ref. 2).

2.1 Interim Remedial Measures (IRM)

IRMs were previously performed in 2010 (prior to purchase of the property by Olean Gateway) by ExxonMobil in accordance with the IRM Work Plan. The IRM Report for the Buffalo Street Properties (Olean Redevelopment Parcels 1, 2 & 3) was prepared in March 2011 (Ref. 6). The previous IRM activities associated with Olean Redevelopment Parcel 1 consisted of the following:

- Closure/removal of several unidentifiable or suspected septic tanks
    - Building 1: One vertical concrete tank of unknown size removed.
    - Building 4: Two approx. 3,000-gallon suspected septic tanks closed in-place and one approx. 1,000-gallon aluminum lined concrete tank removed.
    - Building 6: One approx. 700-gallon concrete and one approx. 500-gallon steel tank removed.
    - West of Former Building 7 (BCP Site No. 1): One tank removed.
- Recovery of measurable light non-aqueous phase liquid (LNAPL) from groundwater monitoring wells via sorbent socks.

2.2 Remedial Actions

The following is a summary of the remedial actions completed by Olean Gateway at the Olean Redevelopment Parcel 1:

- Approximately 1,652 tons of arsenic contaminated soil/fill were excavated, loaded, and transported off-site by D&H Excavating for disposal at Waste Management's Chaffee Landfill, located in Chaffee, NY.
- Approximately 110 tons of mercury-contaminated soil/fill were excavated, loaded, and transported off-site by D&H Excavating for disposal at Waste Management's Chaffee Landfill.
- Approximately 357 tons of PCB-contaminated soil/fill were excavated, loaded, and transported off-site by D&H Excavating for disposal at Waste Management's Chaffee Landfill.
- Removal of apparent ammonia tank, approximately 500-gallon stainless steel vertical underground storage tank (UST) with no piping; and associated PCB- and ammonia-impacted soil/fill. Approximately 181 tons of ammonia-impacted soil/fill were transported

off-site by D&H Excavating for disposal at Waste Management's Chaffee Landfill as non-hazardous waste. Approximately 125 tons of additional PCB-impacted soil/fill were transported off-site by US Bulk Transport, Inc. for disposal at Chemical Waste Management's Emelle Facility at 36964 Alabama Highway in Emelle, AL as hazardous waste.

- Approximately 5,722 tons of PAH (SVOC)-contaminated soil/fill were excavated, loaded, and transported off-site by D&H Excavating for disposal at Waste Management's Chaffee Landfill.
- Approximately 49,976 linear feet of subsurface metallic product piping was exposed, tapped, evacuated of contents, removed, cleaned and recycled. Smaller diameter (2"-8") piping that extended beyond the property boundary was cut and capped with plastic gripper mechanical ("end of pipe") plugs. Larger diameter piping was grouted at the apparent property line using bricks and mortar. Approximately 2,552 cubic yards (CY) of grossly contaminated petroleum soil (GCPS) were excavated during piping removal activities and treated with the on-site force-vented biopiles (FVBPs) and reused as backfill below the cover system. Approximately 578 tons of GCPS were excavated, loaded, and transported off-site by D&H Excavating for disposal at Waste Management's Chaffee Landfill.
- Approximately 48, 55-gallon drums were generated during the remedial work, 42 of which were generated from the removal of the abandoned subsurface piping. The contents of the piping included LNAPL, residual pipe scale, and product sludge. The drums were disposed at CWM Chemical Services, LLC, located in Model City, NY. In addition to the drums, approximately 5.5 tons of tank contents, placed into roll-off containers and solidified with Portland cement due to liquid content, were disposed at Waste Management's Chaffee Landfill. Water extracted from excavations during piping removal was pumped into holding tanks, treated on-site with bag filters and granular activated carbon (GAC), pumped into a secondary on-site temporary holding tank, sampled, and discharged to the City of the Olean sanitary sewer via the on-site 8-inch sanitary sewer piping with approval under an Industrial Pretreatment Program permit. Approximately six drums of wash water generated during holding tank cleaning were disposed at CWM Chemical Services, LLC.
- Installation and operation of a soil vapor extraction (SVE) system to address GCPS from approximately 2 to 15 feet below ground surface (fbgs). The SVE system included the installation of seven SVE wells, associated conveyance piping, and placement of an SVE blower. Emissions from the SVE system are controlled using a biofilter contained within an approximate 20-foot by 8-foot steel roll-off box outfitted with perforated pipe. The biofilter contains an approximate 1-foot-thick gravel layer at the base of the box overlain by approximately three feet of wood chip and compost filter medium, which allows the naturally occurring microbes to bioremediate the air stream and control the nuisance odors from the SVE system. Operation of the SVE system is more fully described in Section 3.2.3.
- LNAPL recovery was completed using hydrocarbon absorbent socks and/or manual bailing at monitoring wells W7, W9, W10, W26, W27 and MW4 and a skimmer at W5. New LNAPL monitoring well W32 was installed in June 2016 near an unknown well-like subsurface structure that showed evidence of product; the unknown structure was grouted in-place and no measurable product has been observed in W32 since installation. Recovered LNAPL

was transferred to properly labeled and sealed 55-gallon drums at the Site for future off-site disposal, which ultimately occurred in September 2016.

- Construction and maintenance of a Site cover system installed at the Site between August 2015 and September 2016 (see Figure 5).
- Execution and recording of an Environmental Easement to restrict land use to commercial/industrial operations and prevent future exposure to any contamination remaining at the Site. The Environmental Easement was recorded with the Cattaraugus County in June 2015.
- Development and implementation of an SMP for management of remaining contamination as required by the Environmental Easement, which includes plans for (1) institutional and engineering controls, (2) excavation, (3) monitoring and reporting, and (4) operation and maintenance.

2.3 Site Redevelopment Activities

Site improvements have occurred during previous reporting periods. As shown on Figure 3, a 1.02-acre portion of the Site was conveyed to the City of Olean to be used as a public roadway (Jack Murphy Boulevard). The portion of the Site retained by HK Olean was redeveloped with an approximately 15,766 square foot four-story hotel with associated parking, walkways, and landscaping. In accordance with the SMP, a soil vapor intrusion (SVI) evaluation was conducted in the building at the completion of hotel construction and prior to occupancy to evaluate if measures are required to mitigate potential vapor intrusion into the newly constructed building. Based on this assessment, no contaminants were detected above NYSDOH matrices, and no other contaminants were detected at concentrations requiring mitigation. Therefore, SVI was not identified within the Site building and no further action was recommended. Complete findings of the SVI assessment were submitted to the NYSDEC on May 12, 2021 and approved in a letter dated May 24, 2021.

The Site is otherwise undeveloped. There were no redevelopment activities during this reporting period.

3. Site Management Plan

The SMP was approved by the NYSDEC on November 10, 2016 and includes an IC/EC Plan, a Monitoring and Sampling Plan, an Operation & Maintenance (O&M) Plan, an Excavation Work Plan (EWP), and a copy of the Environmental Easement. A brief description of the components of the SMP is presented below.

3.1 IC/EC Plan

As detailed in the Environmental Easement, several IC/ECs need to be maintained as a requirement of the BCA for the Site.

3.1.1 Institutional Controls

- Groundwater-Use Restriction: The use of groundwater for potable and non-potable purposes is prohibited.
- Land-Use Restriction: The controlled property may be used for commercial and/or industrial use.
- Implementation of the SMP: The O&M Plan and EWP must be followed.

3.1.2 Engineering Controls

- Vapor Mitigation: The HK Olean Hotel was constructed with an active sub-slab depressurization (ASD) system. Based on the SVI assessment, no further action was recommended, and the system was not turned on.
- SVE System: The SVE system was operated and monitored nearly continuously between November 2014 and May 2025.
- LNAPL Recovery/Monitoring: LNAPL recovery and monitoring is performed monthly.
- Groundwater Monitoring: Annual groundwater monitoring was completed at the end of July and beginning of August 2024.
- Cover System: The cover system is intact and functioning as intended (see Figure 5).

3.1.3 Site Inspection & IC/EC Compliance

On April 16, 2025, Roux's Certifying Professional Engineer performed a Site visit and assessment. No observable indication of intrusive activities, cover failure, or use of groundwater were noted during the Site inspection.

Appendix A includes the completed SMP PRR Notice - Institutional and Engineering Controls Certification Form. Appendix B includes photographs taken during the Site inspection.

3.2 Monitoring and Sampling Plan

The Monitoring and Sampling Plan specifies the methods used for:

- LNAPL monitoring and collection.

- Sampling and analysis of groundwater.
- Remedial SVE system monitoring.
- Site-wide inspection.
- Evaluating Site information periodically to confirm that the remedy continues to be effective in protecting public health and the environment.

3.2.1 LNAPL Monitoring/Recovery System

LNAPL is monitored in wells W5, W9, W10, W26, and W27. Removal of wells W-7A, W31, and W32 from the LNAPL monitoring list was approved by NYSDEC July 9, 2021. Table 1 presents a summary of the monthly LNAPL measurements for the period of July 17, 2014 through May 7, 2025. During this reporting period, the following amounts of product were recovered: 0.1 gallons in well W9 and 0.25 gallons in well W27. Since the issuance of the COC, estimates of the quantity of LNAPL recovered are approximately 96 gallons in well W5, 3.9 gallons in well W9, 0.85 gallons in well W10, 10 gallons in well W26, and 2.1 gallons in well W27.

LNAPL is recovered using hydrocarbon absorbent socks in all wells except well W5 where an oil/water skimmer is operated. The adsorbent socks are installed in the well at the LNAPL/water interface. During monthly inspections, socks that have obvious staining/saturation of LNAPL are removed and replaced with new socks. Socks were changed at wells W9, W26, and W27 during the reporting period. The LNAPL recovered from well W5 oil/skimmer operation is stored in a 55-gallon drum, which will be disposed off-site once full.

3.2.2 Groundwater Sampling and Analysis

Groundwater was sampled at wells W3, W4, W5, W7A, W26, W27, W30, and W31 between July 18 and August 8, 2024 and analyzed for target compound list (TCL) volatile organic compounds (VOCs) plus tentatively identified compounds (TICs) using USEPA Method 8260 and semi-volatile organic compounds (SVOCs) plus TICs via USEPA Method 8270 and 8270-SIM. Wells W3, W4, W5, W9, W26, W27, and W32 were analyzed for total and dissolved arsenic using USEPA Method 6020. Wells W5, W9, W26, and W27 were analyzed for total and dissolved lead using USEPA Method 6020. Appendix C includes field notes and the laboratory analytical data package from the 2024 groundwater sampling event.

3.2.2.1 Groundwater Elevations

The groundwater elevations in Table 2 were collected on July 29, 2024, and used to prepare an isopotential map (Figure 6). Overall groundwater flow direction in the uppermost sand and gravel aquifer is toward the southeast and southwest consistent with the prior groundwater contour maps.

3.2.2.2 Analytical Data

Table 3 (VOCs and SVOCs) and Table 4 (metals) summarize the analytical data from the 2024 sampling event as well as historic data.

VOCs

The following minor exceedances of the NYSDEC Class GA groundwater quality standards/guidance values (GWQS/GVs) for VOCs were observed:

- Well W3: benzene at 10 ug/L and total xylenes at 15.6 ug/L
- Well W5: benzene at 4.3 ug/L and total xylenes at 19.7 ug/L
- Well 7A: 1,4-dichlorobenzene at 3.1 ug/L and chlorobenzene at 9.6 ug/L
- Well W9: isopropylbenzene at 16 ug/L and total xylenes at 25.3 ug/L
- Well W26: benzene at 9 ug/L; and total xylenes at 20 ug/L
- Well W27: benzene at 1.1 ug/L
- Well W32: benzene at 9.4 ug/L and total xylenes at 13 ug/L

VOC TICs were generally consistent with historical results.

SVOCs

The following minor exceedances of the NYSDEC Class GA GWQS/GVs for SVOCs were observed:

- Well W4: benzo(a)anthracene at 0.04 ug/L; benzo(a)pyrene at 0.05 ug/L; benzo(b)fluoranthene at 0.05 ug/L; benzo(ghi)perylene at 0.05 ug/L; chrysene at 0.13 ug/L; and indeno(1,2,3-cd)pyrene at 0.04 ug/L
- Well W5: benzo(a)anthracene at 0.08 ug/L; benzo(a)pyrene at 0.07 ug/L; chrysene at 0.32 ug/L
- Well W9: benzo(a)anthracene at 0.05 ug/L
- Well W27: benzo(a)anthracene at 0.64 ug/L; benzo(a)pyrene at 0.81 ug/L; benzo(b)fluoranthene at 0.34 ug/L; benzo(ghi)perylene at 0.54 ug/L; benzo(k)fluoranthene at 0.05 ug/L; and chrysene at 2.6 ug/L
- Well W30: phenol at 2 ug/L
- Well W31: benzo(a)anthracene at 0.03 ug/L

Most of the SVOC concentrations were qualified as estimated. SVOC TICs were generally consistent with historical results.

Metals

Of the seven wells sampled for arsenic (total and dissolved) and the four (of those seven) wells sampled for lead (total and dissolved), there were no exceedances of the 25 ug/L GWQS.

3.2.3 SVE System and Monitoring

The SVE-1 system has been operating on the Olean Redevelopment Parcel 1 Site nearly continuously since March 2015 and is comprised of two main components:

1. The collection system is constructed of a series of vertical extraction wells and extraction well manifold piping.
2. The trailer-mounted mechanical SVE system, which consists of the blower, motors and ancillary equipment that generate the vacuum and move the extracted vapor to the biofilter treatment vessel.

One SVE blower is connected to a series of wells 1-SVE-1 through 1-SVE-7 (refer to Figure 7). The extracted air is conveyed through 6-inch PVC piping installed below grade and treated in a biofilter prior to discharge to the atmosphere. The biofilter treatment medium consists of a mixture of compost and mulch (approx. 50% each by weight). The natural bacteria in the biofilter use the organics in the waste stream as a source of energy. The biofilter medium is maintained in a slightly wet state and periodically mixed (fluffed-up). Biofilter media requires mixing when nuisance odors become an issue or a thick cake layer forms on top preventing proper venting; the top 4-6 inches of the biofilter media is mixed/raked to keep the media broken up and loose. This was last completed in April 2019 and has not been required due to low effluent PID readings. Biofilter mixing events are recorded on Table D-1 in Appendix D.

On January 25, 2023, Olean Gateway, LLC submitted a Verification Soil Sampling (VSS) Work Plan to DEC. DEC approved the VSS Work Plan on February 21, 2023. On August 23, 2023, six soil borings (VSS-1 through VSS-6) were completed and sample depths ranged from 5 to 18 fbgs. Sampling results and field observations were presented in the 2023-2024 PRR. In summary, location VSS-5 had the highest observed PID reading (> 1,000 ppm) from 5 to 6 fbgs and strong odors. All VOC concentrations were below Part 375 restricted-residential SCOs.

In August 2024, NYSDEC approved a reduction in the operation of the SVE system, stating that wells 1-SVE-6 and 1-SVE-7 must continue to operate, and requesting the inclusion of the VSS sampling results and evaluation in a revised PRR, which was submitted September 4, 2024. After reviewing the VSS sample results, NYSDEC responded on December 12, 2024 requesting the continued operation of wells 1-SVE-5 and 1-SVE-6. Following the reduction in operating wells, well 1-SVE-3 was also left open to help reduce vacuum pressure and water intake.

3.2.3.1 Results

The SVE system has been successful in removing volatile organic vapors from the subsurface soil/fill. Appendix D includes a summary of monitoring data (Table D-1) and a graphic chart depicting cumulative mass of contaminant removed. The estimated mass of organic petroleum hydrocarbons removed by the system through April 2025 is approximately 6,990 pounds. The rate of VOC removal was initially (November 2014) over 20 pounds per day (lb/day) but was on average 0.14 lb/day during the 2024-2025 reporting period, which is an order of magnitude decrease from the 2023-2024 reporting period. Table D-2 shows the individual SVE well PID readings for the wells that were operating. Wells SVE-6 and SVE-7 had PID readings slightly above 0.0 ppm.

3.2.4 Site-Wide Inspection – Cover System Monitoring

The existing cover system is comprised of a minimum of 12 inches of clean soil (vegetated to prevent erosion), 12 inches of gravel/stone for the access roads, foundations, and hardscape

associated with the newly constructed hotel. A demarcation layer, consisting of orange plastic mesh material, provides a visual reference to the top of the remaining contamination zone, which is the zone that requires adherence to special conditions for disturbance of remaining contaminated soils defined in this SMP.

In accordance with the SMP, the cover system must be maintained and replaced in the event it is breached as described in the EWP (SMP Appendix A). The cover will be inspected on an annual basis and following severe storm events. If frequent areas of distress are noted, they will be repaired. A summary of the key maintenance concerns and the respective corrective actions is provided below.

- Vegetative Soil Cover Monitoring:
  - *Areas where erosion problems (i.e., rills or gullies) are observed will be repaired by re-grading the localized area, adding the required fill material and/or topsoil, and reseeding/replanting.*
  - *If burrowing animals are observed breaching the soil cover, as evidenced by exposed fill material, they will be eradicated by a licensed exterminator.*
- Gravel/Stone Cover Monitoring:
  - *Ruts or erosion along the access roads will be repaired by re-grading the localized area and adding additional material.*

At the time of the 2025 Site inspection, the cover systems were intact and functioning as intended. Appendix B provides photographic documentation of Site conditions at the time of the inspection.

3.2.5 Discussion of Monitoring Results

Over the 12 system inspections across the five wells during the reporting period, LNAPL (product) was present in only five instances: twice at well W9 and three times at well W27. Minimal product was recovered from these two wells: 0.1 gallons from well W9 and 0.25 gallons from well W27. There was no product present in wells W5, W10, and W26 during the reporting period. The amount of product recovered during the 2024-2025 reporting period was less than that recovered during the 2023-2024 reporting period in 4 of the 5 wells, with no product recovered at well W10 in both reporting periods. The most substantial decrease in recovered product occurred at well W5, from which 21 gallons of LNAPL were recovered during the 2023-2024 reporting period compared to 0.0 gallons of LNAPL present/recovered during the current reporting period.

Two VOC parameters were detected at concentrations above their GWQS/GVs at wells W3, W5, W7A, W9, W26, and W32, and one parameter at W27. Five total VOC parameters (1,4-dichlorobenzene, benzene, chlorobenzene, isopropylbenzene, and total xylenes) were detected at concentrations that exceeded their respective GWQS/GVs in at least one well. Benzene exceeded its GWQS/GV of 1 ug/L at five wells, ranging in concentration from 1.1 ug/L to 10 ug/L. Total xylenes exceeded its GWQS/GV of 5 ug/L at five wells, ranging in concentration from 13 ug/L to 25.3 ug/L. During the 2024 sampling event, the number of VOC exceedances decreased in wells W3, W4, W5,

and W26 compared to the June 2023 sampling event, and there were no GWQS/GV exceedances in wells W4, W30, and W31.

There were five SVOC exceedances at well W4, three at well W5, six at well W27, and one at wells W9, W30, and W31. Eight total SVOC parameters [benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(ghi)perylene, benzo(k)fluoranthene, chrysene, indeno(1,2,3-cd)pyrene, and phenol] were detected at concentrations that exceeded their respective GWQS/GVs in at least one well. Benzo(a)anthracene exceeded its GWQS/GV of 0.002 ug/L at five wells, ranging in concentration from 0.03 ug/L to 0.64 ug/L. During the 2024 sampling event, the number of SVOC exceedances decreased in wells W3, W5, W26, and W31 compared to the June 2023 sampling event, and there were no GWQS/GV exceedances in wells W3, W7A, and W26

Total and dissolved arsenic and lead at all monitoring wells were detected at concentrations below the GWQS/GVs.

The SVE system has been effective in removing organics vapors from the vadose zone. As remediation has continued and the presence and concentration of contaminants has decreased, the mass removal rate has decreased from 1.2 lb/day during the 2023-2024 reporting period to 0.1 lb/day during the current reporting period.

At the time of the Site inspection, the cover systems were intact and functioning as intended.

3.3 Operation & Maintenance Plan

The O&M Plan addresses operation and maintenance for the SVE systems.

3.3.1 SVE System

3.3.1.1 Routine System Operation and Maintenance

The SVE system is designed to require little maintenance over the expected duration of use at the Olean Redevelopment Parcel 1 Site. The blower bearing housing is oil-filled and checked once per month. If the level is below the overflow, SAE 40 weight oil is added through the top fill port on the housing. Grease fittings for the blower shaft are topped off periodically (i.e., every 2 months).

3.3.1.2 System Monitoring Devices and Alarms

Monitored system operating conditions that trigger a local (red panel light) and remote (common autodialer channel) alarm condition include low air vacuum, high air pressure, moisture separator tank high level, condensate tank high level, and heater/exhaust fan failure. Except for heater/exhaust fan failure, these alarm conditions automatically shut down the SVE system. A trailer entry (security) relay also triggers local and remote alarms but does not cause system shutdown. Blower and condensate pump failure (e.g., due to thermal overload, power loss, or manual shut down) also triggers the autodialer. If the SVE system alarm is activated, the autodialer will contact Roux. Based on the alarm fault, Roux will respond and/or contact the appropriate repair vendor (e.g., electrician, mechanical repair service).

On August 29, 2024, the operator determined there was no power to the SVE system. A certified electrician came out to the Site and fixed the tripped breaker; the system was off for about a month. The week of March 27, 2025, power was shut off to Olean Redevelopment Parcels 2 and 3, which inadvertently shut off the power to Olean Redevelopment Parcel 1. KT Redevelopment is working with National Grid to have a new meter installed on Olean Redevelopment Parcel 1. NYSDEC will be notified once power is restored. Outside of these power issues, there were no operational problems with the SVE systems that required a change in system operation and/or temporary system shutdown for longer than one week during the reporting period.

4. Conclusions and Recommendations

4.1 Conclusions

Roux concludes the following for the Site:

- Based on our observations during the April 16, 2025 inspection, the Site covered by this PRR was fully compliant with the IC/EC requirements.
- VOC concentrations in wells W3, W5, W7A, W9, W26, W27, and W32 slightly exceeded GWQS/GVs. However, no more than two VOC parameters at any given well exceeded their GWQS/GVs. SVOC concentrations in wells W4, W5, W9, W27, W30, and W31 exceeded GWQSs. There were no arsenic or lead GWQS/GV exceedances at any of the wells sampled during the 2024 sampling event.
- LNAPL was recovered from 2 of the 5 monitored wells during the reporting period.
- The rate of removal with the SVE system has decreased to an average of approximately 0.1 lb/day during the 2024-2025 reporting period compared to the 2023-2024 mass removal rate of 1.2 lb/day and an initial (November 2014) mass removal rate of over 20 lb/day. During the reporting period, wells 1-SVE-6 and 1-SVE-7 had PID readings between 14 ppm and 23.1 ppm. Mass removal Chart D-1 shows asymptotic conditions during the 2024-2025 operating period.

4.2 Recommendations

Roux recommends the following for the Site:

- Roux recommends shut-down of the SVE system due to the asymptotic mass removal conditions observed over the 2024-2025 operating period and in consideration of historic results, which have shown a continuous diminishing removal rate over time.
- Analyzing groundwater samples from wells W3, W4, W5, W26, W27, and W32 for arsenic and/or lead in summer 2026. NYSDEC approved the 2023-2024 PRR recommendation to analyze for metals every second year.
- Performing the next annual groundwater monitoring event for VOC and SVOC analyses in July 2025.

5. Declaration/Limitation

Roux Environmental Engineering & Geology, D.P.C. personnel conducted the annual Site inspection for BCP Site No. C905031 in Olean, New York, according to generally accepted practices. This PRR complies with the scope of work provided to Olean Gateway LLC by Roux Environmental Engineering & Geology, D.P.C.

This PRR has been prepared for the exclusive use of Olean Gateway LLC. The contents of this PRR are limited to information available at the time of the Site inspection. The findings herein may be relied upon only at the discretion of Olean Gateway LLC. Use of or reliance upon this PRR or its findings by any other person or entity is prohibited without written permission of Roux Environmental Engineering & Geology, D.P.C.

6. References

1. New York State Department of Environmental Conservation. *DER-10/Technical Guidance for Site Investigation and Remediation.* May 2010.

2. TurnKey Environmental Restoration, LLC. *Remedial Action Work Plan, Olean Redevelopment Property, Olean, New York, BCP Site Nos. 905031, 905032 & 905033.* March 2014.

3. Benchmark Environmental Engineering & Science, PLLC in association with TurnKey Environmental Restoration, LLC. *Site Management Plan, Olean Redevelopment Parcel 1, Olean, New York, BCP Site No. C915031.* November 2016

4. Benchmark Environmental Engineering & Science, PLLC in association with TurnKey Environmental Restoration, LLC. *Final Engineering Report, Olean Redevelopment Parcel 1, Olean, New York, BCP Site No. C915031.* November 2016.

5. Woodard & Curran. *Interim Remedial Measures Work Plan, ExxonMobil, Buffalo Street Properties, Olean, New York*. September 30, 2009.

6. Woodard & Curran. *Interim Remedial Measure Report, Olean Redevelopment Parcels 1, 2, and 3, Olean, New York*. March 2011.

TABLES

1. LNAPL System Inspection Log
2. Groundwater Monitoring Well Water Levels
3. 2008-2024 Groundwater Analytical Summary - Organics
4. 2008-2024 Groundwater Analytical Summary - Metals

Table 1
LNAPL System Inspection Log
Olean Redevelopment Site 1 (C905031)
Olean, New York

Date	Inspector's Initials	W5						W9						W10						W-26						W27					
		Product Present? (Y / N)	Product Depth (fbTOR)	Water Level (fbTOR)	Product Level in Feet	Accumulated Volume Recovered in Gallons	Change Absorbent Sock? (Y/N)	Product Present? (Y / N)	Product Depth (fbTOR)	Water Level (fbTOR)	Product Level in Feet	Volume Recovered in Gallons	Change Absorbent Sock? (Y/N)	Product Present? (Y / N)	Product Depth (fbTOR)	Water Level (fbTOR)	Product Level in Feet	Volume Recovered in Gallons	Change Absorbent Sock? (Y/N)	Product Present? (Y / N)	Product Depth (fbTOR)	Water Level (fbTOR)	Product Level in Feet	Volume Recovered in Gallons	Change Absorbent Sock? (Y/N)	Product Present? (Y / N)	Product Depth (fbTOR)	Water Level (fbTOR)	Product Level in Feet	Volume Recovered in Gallons	Change Absorbent Sock? (Y/N)
7/17/14	SF	Y	15.19	17.72	2.53	0	N	Y	18.22	18.45	0.23	0	NA	Y	18.87	18.88	0.01	0	N							Y	19.12	19.12	Trace	0	N
10/17/14	JJR	Y	16.72	21.14	4.42	0	N	Y	20.79	21.02	0.23	0	NA	Y	21.35	21.4	0.05	0	Removed							Y	21.57	21.81	0.24	0	N
10/28/14	JJR	Y	Pre 17.01	Pre 20.75	3.74	2.75	Removed	Y	20.92	21.13	0.21	0	NA	Y	21.42	22.31	0.89	0.25	NA							Y	20.65	20.89	0.24	0	Removed
			Post 18.35	Post 18.60	0.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--							--	--	--	--	--	--
11/5/14	JJR	Y	16.98	21.5	4.52	4.5	NA	Y	21.16	21.62	0.46	0.25	Removed	Y	21.41	22.17	0.76	0.25	NA							Y	21.86	21.9	0.04	0	NA
11/13/14	JJR	Y	16.75	20.67	3.92	8	NA	Y	20.78	20.92	0.14	0	NA	Y	21.32	21.91	0.59	0.25	NA							Y	21.22	21.41	0.19	0	NA
12/15/14	JJR	Y	15.87	20.92	5.05	12.5	NA	Y	19.92	21.14	1.22	0.75	NA	Y	20.66	20.82	0.16	0	NA							Y	20.52	21.12	0.6	0	NA
1/15/15	JJR	Y	15.56	17.26	1.7	13.75	NA	Y	19.04	21.02	1.98	0.75	NA	Y	19.82	19.98	0.16	0	NA							Y	19.44	19.72	0.28	0	NA
2/27/15	BMG	Y	17.17	19.8	2.63	15.75	NA	Y	20.64	20.95	0.31	0	Y	Y	21.2	21.34	0.14	0	Y							Y	21.24	21.54	0.3	0	Y
3/11/14	BMG	Y	17.45	18.57	1.12	16.55	NA	--	--	--	--	--	--	--	--	--	--	--	--							--	--	--	--	--	--
3/18/15	BMG	Y	17.57	18.14	0.57	17.35	NA	--	--	--	--	--	--	--	--	--	--	--	--							--	--	--	--	--	--
4/6/15	BMG	Y	13.87	14.2	0.33	18.85	NA	Y	18.25	18.9	0.65	1.3	Y	Y	18.92	18.96	0.04	0	Y							Y	18.77	19.03	0.26	1	Y
7/2/15	BMG	Y	15.21	15.95	0.74	19.85	NA	Y	18.7	18.8	0.1	0.01	Y	Y	17.78	17.85	0.07	0	Y							Y	19.07	19.11	0.04	0	Y
9/3/15	PWW	Y	19.57	21.11	1.54	20.85	NA	Y	20.97	21.2	0.23	0.25	N	Y	21.6	21.8	0.2	0	N	Y	20.25	20.98	0.73	0	NA	Y	21.26	21.36	0.1	0	N
9/29/15	PWW	Y	17.29	19.41	2.12	22.35	NA	Y	21.24	21.3	0.06	0	N	Y	21.81	22.31	0.5	0	Y	Y	20.65	21	0.35	0.25	N	Y	21.69	21.91	0.22	0	Y
10/14/15	PWW	Y	17.91	19.01	1.1	23.05	N	Y	20.84	20.85	0.01	0	N	Y	21.41	21.6	0.19	0	N	Y	20.17	20.61	0.44	0.25	N	Y	21.19	21.44	0.25	0	N
10/28/15	ML	Y	17.09	18.26	1.17	23.3	N	Y	20.77	20.8	0.03	0	N	Y	21.44	21.45	0.01	0	N	Y	19.97	20.33	0.36	1	N	Y	20.82	21.13	0.31	0	N
11/11/15	ML	Y	20.34	22.5	2.16	25.3	N	Y	22.89	22.9	0.01	0	N	Y	20.95	21	0.05	0	N	Y	19.68	20.11	0.43	0.25	N	Y	20.91	21.22	0.31	0	N
11/24/15	ML	Y	16.47	18.96	2.49	26.55	N	Y	20.01	20.07	0.06	0	N	Y	20.66	20.68	0.02	0	N	Y	19.41	20.97	1.56	0.25	N	Y	20.75	21.02	0.27	0	N
12/9/15	ML	Y	16.07	18.13	2.06	27.55	N	Y	19.81	20.04	0.23	0	N	Y	20.45	20.57	0.12	0	N	Y	19.16	19.58	0.42	0.25	N	Y	20.35	20.62	0.27	0	N
12/22/15	ML	Y	16.06	18.16	2.1	28.55	N	Y	19.69	19.77	0.08	0	N	Y	20.4	20.44	0.04	0	N	Y	19.11	19.32	0.21	0.13	N	Y	20.26	20.34	0.08	0	N
1/5/16	ML	Y	18.36	21.83	3.47	30.05	N	y	18.3	18.31	0.01	0	N	Y	19.69	19.71	0.02	0	N	Y	17.98	18.09	0.11	0	Y	Y	19.28	19.48	0.2	0	N
2/2/16	ML	Y	15.4	19.53	4.13	31.95	N	Y	19.01	19.02	0.01	0	N	Y	19.61	19.62	0.01	0	N	Y	18.66	18.82	0.16	0	N	Y	19.88	20.03	0.15	0	N
3/1/16	ML	Y	14.54	19.47	4.93	33.7	N	N	NA	18.35	NA	0	N	Y	18.95	18.96	0.01	0	N	Y	17.97	18.41	0.44	0	N	Y	19.16	19.23	0.07	0	N
4/12/16	BG	Y	18.63	23.2	4.57	37.2	N	Y	18.78	18.8	0.02	0	Y	Y	19.55	19.56	0.01	0	Y	Y	18.18	19.1	0.92	0.5	N	Y	19.65	19.68	0.03	0	Y
5/4/16	ML	Y	18.23	21.38	3.15	38.7	N	Y	18.56	18.57	0.01	0	N	Y	19.12	19.16	0.04	0	N	Y	18.14	18.73	0.59	0.25	N	Y	19.12	19.22	0.1	0	N
6/2/16	ML	Y	19.41	21.69	2.28	39.7	N	Y	19.74	19.76	0.02	0	N	Y	20.26	20.29	0.03	0	N	Y	19.24	19.74	0.5	0.25	N	Y	20.37	20.47	0.1	0	N
7/6/16	BMG	Y	20.57	22.38	1.81	41.2	NA	Y	21.1	21.21	0.11	0.05	Y	Y	21.74	21.8	0.06	0.05	Y	Y	20.45	20.86	0.41	0.25	Y	Y	21.6	21.91	0.31	0.25	Y
8/1/16	BMG	Y	25.59	25.59	0	44.2	NA	Y	21.99	22.05	0.06	0.05	Y	Y	22.57	22.95	0.38	0.05	Y	Y	21.25	21.55	0.3	0.05	Y	Y	22.55	22.55	0	<0.1	Y
9/14/16	BMG	Y	26.11	26.19	0.08	46.2	NA	Y	22.52	22.65	0.13	0.05	Y	Y	23.33	23.35	0.02	0.05	Y	Y	21.7	21.85	0.15	0.05	Y	Y	23.17	23.17	0	<0.1	Y
10/27/16	BMG	Y	23.25	25.57	2.32	48.2	NA	N	NA	19.81	0	0	N	N	NA	20.44	0	0	N	Y	19.22	19.38	0.16	0.05	Y	N	NA	20.65	0	0	N
11/22/16	BMG	Y	23.9	24.15	0.25	3	NA	Y	20.15	20.28	0.13	0.05	Y	N	NA	20.67	0	0	N	Y	19.7	19.73	0.03	0.05	Y	N	NA	21.08	0	0	N
12/21/16	BMG	Y	23.07	23.75	0.68	5	NA	N	19.5	19.65	0	0.05	Y	N	NA	20.15	0	0	N	N	NA	18.96	0	0	N	N	NA	20.28	0	0	N
1/5/17	BMG	Y	22.28	23.15	0.87	10	NA	N	NA	18.42	0	0	N	N	NA	19.03	0	0	N	N	NA	18.03	0	0	N	N	NA	19.29	0	0	N
2/14/17	BMG	Y	20.9	21.08	0.18	19	NA	N	NA	17.09	0	0	N	N	NA	17.64	0	0	N	N	NA	16.83	0	0	N	N	NA	17.45	0	0	N
3/28/17	BMG	Y	21.9	21.91	0.01	23	NA	N	NA	18.25	0	0	N	N	NA	18.77	0	0	N	N	NA	18.03	0	0	N	N	NA	18.56	0	0	N
4/11/17	BMG	Y	22.47	22.52	0.05	25	NA	N	NA	17.5	0	0	N	N	NA	18.07	0	0	N	N	NA	17.32	0	0	N	N	NA	18.11	0	0	N
5/30/17	BMG	Y	21.96	22.2	0.24	27	NA	N	NA	18.5	0	0	N	N	NA	19.01	0	0	N	N	NA	18.23	0	0	N	N	NA	18.92	0	0	N
6/28/17	BMG	Y	22.91	22.91	0	29	NA	Y	19.51	19.55	0.04	0.05	Y	N	NA	19.18	0	0	N	N	NA	19.18	0	0	N	N	NA	19.99	0	0	N
7/24/17	BMG	Y	23.57	23.59	0.02	31	NA	Y	20.3	20.37	0.05	0.05	Y	N	NA	20.86	0	0	N	N	NA	19.88	0	0	N	N	NA	20.7	0	0	N
8/9/17	CFD	Y	24.2	24.22	0.02	33	NA	Y	21.0	21.01	0.01	0.05	Y	N	NA	21.59	0	0	N	N	NA	20.53	0	0	N	N	NA	21.57	0	0	N
9/26/17	CFD	N	NA	25.1	0	35	NA	Y	21.66	21.8	0.14	0.25	Y	Y	22.42	22.6	0.18	0.3	Y	N	NA	21.35	0	0	N	N	NA	22.56	0	0	N
10/26/17	CFD	N	NA	25.64	0	37	NA	Y	22.02	22.07	0.05	0.1	Y	Y	23.74	23.77	0.03	0.2	Y	N	NA	21.47	0	0	N	Y	22.8	22.82	0.02	0.05	Y
11/20/17	CFD	N	NA	24.68	0	45	NA	N	NA	21.55	0	0	N	Y	21.89	21.95	0.06	0.25	Y	N	NA	20.56	0	0	N	N	NA	21.62	0	0	N
12/26/17	CFD	N	NA	23.74	0	See Note This Date	NA	N	NA	19.87	0	0	N	N	NA	20.45	0	0	N	N	NA	20.21	0	0	N	Y	20.55	20.58	0.03	0.1	Y
1/25/18	CFD	Y	21.06	21.1	0.04	53	NA	N	NA	18.28	0	0	N	N	NA	18.93	0	0	N	N	NA	18.1	0	0	N	Y	19.07	19.12	0.05	0.5	Y
2/15/18	CFD	Y	22.55	22.56	0.01	54.23	NA	N	NA	18.52	0	0	Y	N	NA	19.12	0	0	N	N	NA	18.3	0	0	N	N	NA	18.55	0	0	N
3/12/18	CFD	Y	21.56	21.58	0.02	57.2	NA	Y	17.62	17.64	0.02	0.1	Y	N	NA	18.15	0	0	N	N	NA	17.39	0	0	N	Y	17.8	17.83	0.03	0.15	Y
4/28/18	CFD	Y	21.15	21.19	0.04	59.7	NA	Y	17.69	17.71	0.02	0.1	Y	N	NA	18.21	0	0	N	Y	17.4	17.46	0.06	0.2	Y	Y	17.8	17.85	0.05	0.2	Y
5/24/18	CFD	N	NA	22.23	0	60.3	NA	Y	18.34	18.4	0.06	0.3	Y	N	NA	19.18	0	0	N	N	NA	17.91	0	0	N	N	NA	18.23	0	0	N
6/28/18	CFD	Y	22.57	22.62	0.05	60.9	NA	Y	18.12	18.15	0.03	0.1	Y	N	NA	20.62	0	0	N	Y	18.65	18.7	0.05	0.1	Y	Y	19.37	19.4	0.03	0.2	Y
7/17/18	CFD	N	NA	24.36	0	61.4	NA	Y	20.52	20.65	0.13	0.25	Y	N	NA	21.17	0	0	N	Y	20.12	20.15	0.03	0.1	Y	Y	21.04	21.1	0.06	0.2	Y
8/11/18	CFD	N	NA	22.79	0	61.7	NA	N	NA	20.61	0	0	N	N	NA	21.06	0	0	N	N	NA	19.89	0	0	N	N	NA	20.91	0	0	N
9/24/18	CFD	N	NA	23.84	0	62	NA	Y	19.94	19.96	0.02	0.1	Y	N	NA	20.56	0	0	N	Y	19.45	19.46	0.01	0.05	Y	N	NA	20.25	0	0	N
10/15/18	CFD	N	NA	23.05	0	63.7	NA	Y	19.09	19.11	0.02	0.1	Y	N	NA	19.72	0	0	N	N	NA	18.77	0	0	N	N	NA	19.41	0	0	N
11/29/18	CFD	N	NA	24.74	0	64	NA	Y	19.23	19.27	0.04	0.1	Y	N	NA	19.34	0	0	N	N	NA	19.14	0	0	N	N	NA	19.27	0	0	N
12/20/18	CFD	N	NA	22.34	0	64	NA	Y	18.43	18.44	0.01	0.1	Y	N	NA	19.04	0	0	N	Y	18.5	18.53	0.03	0.2	Y	Y	19.14	19.17	0.03	0.1	Y
1/21/19	CFD	N	NA	20.71	0	64	NA	Y	17.26	17.3	0.04	0.2	Y	N	NA	17.84	0	0	N	Y	17.72	17.79	0.07	0.2	Y	N	NA	17.52	0	0	N
2/13/19	CFD	N	NA	20.3	0	64.5	NA	N	NA	17.14	NA	0	Y	N	NA	17.67	0	0	Y	Y	17.24	17.55	0.31	0.5	Y	N	NA	17.12	0	0	N
3/21/19	CFD	N	NA	21.51	0	65.5	NA	N	NA	18.21	NA	0	N	N	NA	18.76	0	0	Y	Y	17.61	17.9	0.29	0.5	Y	N	NA	18.38	0	0	N
4/24/19	CFD	Y	22.07	22.09	0.02	66	NA	N	NA	18.75	NA	0	N	N	NA	19.3	0	0	N	Y	18.4	19.4	1	2.25	Y	N	NA	19.1	0	0	N
5/24/19	CFD	N	NA	21.59	0	68	NA	N	NA	18.52	NA	0	N	N	NA	19.01	0	0	N	Y	18.92	19.14	0.22	2	Y	N	NA	18.94	0	0	N
6/21/19	CFD	N	NA	21.25	0	70	NA	N	NA	18.27	NA	0	N	N	NA	18.47	0	0	N	Y	18.45	18.82	0.37	1.5	Y	N	NA	18.67	0	0	N
7/30/19	CFD	N	NA	22.07	0	70.25	NA	Y	19.56	19.6	0.04	0.1	N	N	NA	19.6	0	0	N	Y	18.7	18.95	0.25	0.5	Y	N	NA	19.68	0	0	N
8/23/19	CFD	N	NA	21.74	0	70.25	NA	Y	19.6	19.62	0.02	0.1	N	N	NA	19.93	0	0	N	Y	18.73	18.9	0.17	0.75	Y	N	NA	19.7	0	0	N
9/30/19	CWE	N	NA	24.04	0	70.25	NA	Y	21.15	21.41	0.26	0.1	N	N	NA	21.75	0	0	N	Y	20.61	20.7	0.09	0	N	N	21.9	21.91	0.01	0	N
10/31/19	CWE	N	NA	24.75	0	70.25	NA	Y	21.25	21.45	0.2	0	N	N	NA	21.76	0	0	N	Y	20.65	20.95	0.3	0	N	N	21.45	21.48	0.03	0	N
11/25/19	CWE	N	NA	23.75	0	70.25	NA	Y	20.45	21.91	0.04	0	N	N	NA	21.03	0	0	N	Y	20.85	20.99	0.14	0	Y	N	20.75	21.2	0.45	0	N
12/30/19	CWE	N	NA	23.31	0	70.25	NA	Y	19.88	19.95	0.07	0	N	N	NA	20.1	0	0	N	Y	19.01	19.5	0.49	0	Y	N	19.51	19.7	0.19	0	N

ROUX

Table 1
LNAPL System Inspection Log
Olean Redevelopment Site 1 (C905031)
Olean, New York

Date	Inspector's Initials	W5						W9						W10						W-26						W27					
		Product Present? (Y / N)	Product Depth (fbTOR)	Water Level (fbTOR)	Product Level in Feet	Accumulated Volume Recovered in Gallons	Change Absorbent Sock? (Y/N)	Product Present? (Y / N)	Product Depth (fbTOR)	Water Level (fbTOR)	Product Level in Feet	Volume Recovered in Gallons	Change Absorbent Sock? (Y/N)	Product Present? (Y / N)	Product Depth (fbTOR)	Water Level (fbTOR)	Product Level in Feet	Volume Recovered in Gallons	Change Absorbent Sock? (Y/N)	Product Present? (Y / N)	Product Depth (fbTOR)	Water Level (fbTOR)	Product Level in Feet	Volume Recovered in Gallons	Change Absorbent Sock? (Y/N)	Product Present? (Y / N)	Product Depth (fbTOR)	Water Level (fbTOR)	Product Level in Feet	Volume Recovered in Gallons	Change Absorbent Sock? (Y/N)
1/30/20	CWE	N	NA	21.9	0	70.25	NA	Y	18.61	18.74	0.13	0	N	N	NA	19.1	0	0	N	Y	18.12	18.7	0.58	0.1	N	N	NA	18.9	0	0	N
2/27/20	CWE	N	NA	20.5	0	70.25	NA	Y	17.7	17.8	0.1	0	N	N	NA	18.1	0	0	N	Y	17.3	17.5	0.2	0	N	N	NA	17.65	0	0	N
3/30/20	CWE	N	NA	20.9	0	70.25	NA	Y	17.65	17.68	0.03	0	N	N	NA	18.15	0	0	N	Y	17.3	17.63	0.33	0	N	N	NA	17.99	0	0	N
4/27/20	CWE	N	NA	21.0	0	70.25	NA	Y	18.1	18.5	0.4	0	N	N	NA	18.2	0	0	N	Y	17.4	18.8	1.4	0.75	N	Y	18.3	18.4	0	0	N
5/28/20	CWE	N	NA	21.61	0	71.25	NA	N	18.41	18.49	0.08	0	N	N	NA	18.95	0	0	N	Y	17.92	18.81	0.89	0	N	N	NA	18.79	0	0	N
6/29/20	CWE	N	NA	22.80	0	71.25	NA	N	19.51	19.75	0.24	0	N	N	NA	20.15	0	0	N	Y	19.01	20.20	1.19	0.25	N	N	NA	19.99	0	0	N
7/31/20	CWE	N	NA	23.33	0	71.25	NA	Y	20.60	20.72	0.12	0	N	N	NA	21.00	0	0	N	Y	19.92	20.41	0.49	0	N	N	NA	20.80	0	0	N
8/31/20	CWE	N	NA	24.80	0	71.25	NA	Y	21.75	21.84	0.09	0	N	N	NA	22.20	0	0	N	Y	20.95	21.19	0.24	0	N	Y	22.10	22.19	0.09	0	N
9/28/20	CWE	N	NA	22.50	0	71.25	NA	Y	22.20	22.50	0.3	0	N	N	NA	22.97	0	0	N	Y	21.55	21.89	0.34	0	N	Y	22.65	22.78	0.13	0	N
10/29/20	CWE	N	NA	26.06	0	71.25	NA	Y	22.41	22.51	0.1	0	N	Y	22.79	23.06	0.27	0	N	Y	21.72	22.00	0.28	0	N	Y	23.01	23.20	0.19	0	N
11/25/20	CWE	N	NA	25.50	0	71.25	NA	Y	21.99	22.01	0.02	0	N	N	NA	22.61	0	0	N	Y	24.10	24.51	0.41	0	N	Y	22.24	22.30	0.06	0	N
12/17/20	CFD	Y	24.88	24.90	0.02	71.25	NA	Y	19.96	20.10	0.14	0.25	N	Y	22.19	22.20	0.01	0.1	N	Y	21.41	21.60	0.19	0.25	N	Y	22.08	22.15	0.07	0	N
1/21/21	CWE	N	NA	23.10	0	75.25	NA	Y	19.95	20.00	0.05	0	N	N	NA	20.55	0	0	N	Y	19.49	19.69	0.2	0	N	Y	20.10	20.31	0.21	0	N
2/25/21	CWE	N	NA	24.75	0	75.25	NA	Y	21.03	21.23	0.2	0	N	N	NA	21.51	0	0	N	Y	20.59	20.80	0.21	0	N	Y	21.59	21.65	0.06	0	N
3/25/21	CWE	N	NA	23.51	0	75.25	NA	Y	20.14	20.21	0.07	0	N	N	NA	20.73	0	0	N	Y	19.56	19.70	0.14	0	N	Y	20.34	20.61	0.27	0	N
4/12/21	CWE	N	NA	23.15	0	75.25	NA	Y	19.75	19.87	0.12	0	N	N	NA	20.25	0	0	N	Y	19.21	19.40	0.19	0	N	Y	20.05	21.00	0.95	0	N
5/20/21	CWE	N	NA	22.45	0	75.25	NA	Y	19.20	19.34	0.14	0	N	N	NA	19.76	0	0	N	Y	18.71	18.82	0.11	0	N	Y	19.51	19.65	0.14	0	N
6/27/21	CWE	N	NA	23.09	0.02	75.25	NA	Y	19.90	19.99	0.09	0	N	N	NA	20.51	0	0	N	Y	19.45	19.51	0.06	0	N	Y	19.54	19.60	0.06	0	N
7/29/21	CWE	N	NA	21.22	0	75.25	NA	Y	17.99	18.00	0.01	0	N	N	NA	18.40	0	0	N	Y	17.61	17.82	0.21	0	N	Y	18.01	18.12	0.11	0	N
8/30/21	CWE	N	NA	22.23	0	75.25	NA	Y	19.00	19.21	0.21	0	N	N	NA	19.55	0	0	N	Y	18.51	18.69	0.18	0	N	Y	19.22	19.31	0.09	0	N
9/30/21	CWE	N	NA	23.10	0	75.25	NA	Y	19.72	19.80	0.08	0	N	N	NA	20.35	0	0	N	Y	19.19	19.23	0.04	0	N	Y	20.17	20.20	0.03	0	N
10/28/21	CWE	N	NA	23.34	0	75.25	NA	Y	19.65	19.79	0.14	0	N	N	NA	20.30	0	0	N	Y	19.15	19.24	0.09	0	N	Y	21.06	21.11	0.05	0	N
11/29/21	CWE	N	NA	22.86	0	75.25	NA	Y	19.35	19.49	0.14	0	N	N	NA	19.90	0	0	N	Y	18.89	19.01	0.12	0	N	Y	19.65	19.71	0.06	0	N
12/29/21	CWE	N	NA	22.29	0	75.25	NA	Y	18.90	19.19	0.29	0	N	N	NA	19.45	0	0	N	Y	18.45	18.69	0.24	0	N	Y	19.00	19.19	0.19	0	N
1/24/22	CWE	N	NA	22.10	0	75.25	NA	Y	18.89	19.20	0.31	0	N	N	NA	19.55	0	0	N	Y	18.51	18.60	0.09	0	N	Y	19.15	19.21	0.06	0	N
2/14/22	CWE	N	NA	23.22	0	75.25	NA	Y	19.67	19.89	0.22	0	N	N	NA	20.22	0	0	N	Y	19.11	19.32	0.21	0	N	Y	20.00	20.34	0.34	0	N
3/21/22	CWE	N	NA	19.56	0	75.25	NA	Y	16.75	16.92	0.17	0	N	N	NA	17.25	0	0	N	Y	16.58	16.81	0.23	0	N	Y	17.01	17.19	0.18	0	N
4/26/22	CWE	N	NA	21.45	0	75.25	NA	Y	17.75	17.82	0.07	0	N	N	NA	18.25	0	0	N	Y	17.50	17.65	0.15	0	N	Y	18.12	18.20	0.08	0	N
5/31/22	CWE	N	NA	22.25	0	75.25	NA	Y	18.85	18.93	0.08	0	N	N	NA	19.42	0	0	N	Y	18.45	18.59	0.14	0	N	Y	19.12	19.24	0.12	0	N
6/30/22	CWE	N	NA	23.12	0	75.25	NA	Y	19.97	20.10	0.13	0	N	N	NA	20.51	0	0	N	Y	19.49	19.53	0.04	0	Y	Y	20.35	20.37	0.02	0	Y
7/28/22	CWE	N	NA	24.34	0	75.25	NA	N	--	21.08	0	0	N	N	NA	21.65	0	0	N	N	NA	20.49	0	0	N	N	NA	21.32	0	0	N
8/29/22	CWE	N	NA	25.35	0	75.25	NA	Y	21.88	21.90	0.02	0	N	N	NA	22.45	0	0	N	N	NA	21.22	0	0	N	N	NA	22.25	0	0	N
9/29/22	CWE	N	NA	24.96	0	75.25	NA	Y	21.45	21.47	0.02	0	N	N	NA	21.96	0	0	N	N	NA	20.91	0	0	N	N	NA	21.80	0	0	N
10/31/22	CWE	N	NA	25.05	0	75.25	NA	Y	21.72	21.76	0.04	0	N	N	NA	22.33	0	0	N	N	NA	21.09	0	0	N	N	NA	22.00	0	0	N
11/28/22	CWE	N	NA	24.45	0	75.25	NA	Y	20.85	20.89	0.04	0	N	N	NA	21.32	0	0	N	Y	NA	20.33	0	0	N	Y	NA	21.29	0	0	N
12/29/22	CWE	N	NA	23.11	0	75.25	NA	Y	19.79	19.82	0.03	0	N	N	NA	20.52	0	0	N	Y	NA	19.21	0	0	N	Y	NA	20.15	0	0	N
1/23/23	CWE	N	NA	21.85	0	75.25	NA	Y	18.49	18.51	0.02	0	N	N	NA	18.98	0	0	N	N	NA	17.85	0	0	N	N	NA	18.85	0	0	N
2/9/23	CWE	N	NA	21.79	0	75.25	NA	Y	18.65	19.00	0.35	0.05	Y	N	NA	19.19	0	0	N	N	NA	18.19	0	0	N	N	NA	18.71	0	0	N
3/21/23	CWE	N	NA	21.35	0	75.25	NA	Y	18.45	19.00	0.55	0.09	N	N	NA	18.69	0	0	N	N	NA	17.79	0	0	N	N	NA	18.45	0	0	N
4/24/23	CWE	N	NA	21.71	0	75.25	NA	Y	18.44	19.31	0.87	0.25	Y	N	NA	19.00	0	0	N	Y	18.01	18.02	0.01	0	N	N	NA	18.97	0	0	N
5/30/23	CWE	N	NA	23.42	0	75.25	NA	Y	20.25	20.27	0.02	0.09	N	N	NA	20.81	0	0	N	Y	19.63	19.65	0.02	0	N	N	NA	20.62	0	0	N
6/26/23	CWE	N	NA	24.91	0	75.25	NA	Y	21.22	22.30	1.08	0.25	Y	N	NA	21.85	0	0	N	Y	22.11	22.30	0.19	0.05	N	N	NA	21.25	0	0	N
7/31/23	BMG	N	NA	25.37	0	94.25	NA	Y	21.79	21.83	0.04	0.20	Y	N	NA	22.25	0	0	N	N	--	20.97	0	0	N	Y	22.52	22.78	0.26	0.1	Y
8/15/23	BMG	Y	NA	25.77	0	96.25	NA	Y	21.87	21.88	0.01	--	N	N	NA	22.53	0	0	N	N	--	21.21	0	0	N	N	--	22.83	0	--	N
9/28/23	MTF	N	NA	25.91	0	96.25	NA	Y	22.35	22.37	0.02	--	N	N	NA	22.99	0	0	N	N	--	21.79	0	0	N	N	--	23.23	0	--	N
10/22/23	MTF	N	NA	26.55	0	96.25	NA	Y	22.80	22.87	0.07	0.12	N	N	NA	23.46	0	0	N	N	--	22.19	0	0	N	Y	24.04	24.24	0.20	0.23	N
11/16/23	MTF	N	NA	26.62	0	96.25	NA	N	--	22.91	0	--	N	N	NA	23.54	0	0	N	N	--	22.26	0	0	N	Y	24.27	24.39	0.12	0.05	Y
1/9/24	MTF	N	NA	24.87	0	96.25	NA	Y	21.51	21.53	0.02	0	Y	N	NA	22.10	0	0	N	N	NA	21.12	0	0	N	N	NA	22.65	0	0	Y
2/1/24	MTF	N	NA	23.11	0	96.25	NA	Y	19.44	19.55	0.11	0.10	Y	N	NA	19.94	0	0	N	N	NA	18.99	0	0	N	Y	20.50	20.54	0	0	Y
3/14/24	MTF	N	NA	22.89	0	96.25	NA	N	NA	19.74	0	0	Y	N	NA	20.31	0	0	N	Y	19.12	19.14	0	0	Y	N	NA	20.70	0	0	N
4/11/24	MTF	N	NA	23.41	0	96.25	NA	N	NA	20.11	0	0	N	N	NA	20.69	0	0	Y	N	NA	20.13	0	0	N	Y	20.93	20.98	0.05	0	Y
4/12/24	MTF	N	NA	22.89	0	96.25	NA	N	NA	19.74	0	0	Y	N	NA	20.31	0	0	N	Y	19.12	19.14	0	0	Y	N	NA	20.70	0	0	N
5/16/24	MTF	N	NA	22.04	0	96.25	NA	N	NA	18.79	0	0.0	N	N	NA	19.97	0	0.0	N	N	NA	18.54	0	0	N	N	NA	19.87	0	0	N
6/25/24	MTF	N	NA	22.17	0	96.25	NA	N	NA	19.07	0	0.0	N	N	NA	20.54	0	0.0	N	N	NA	19.03	0	0	N	Y	20.14	20.20	0.06	0	Y
7/30/24	MTF	N	NA	23.54	0	96.25	NA	N	NA	19.98	0	0.0	Y	N	NA	21.07	0	0.0	N	N	NA	19.64	0	0	Y	N	NA	20.78	0	0	N
8/29/24	MTF	N	NA	23.98	0	96.25	NA	N	NA	24.49	0	0.0	N	N	NA	21.07	0	0.0	N	N	NA	19.86	0	0	N	N	NA	21.72	0	0	Y
10/29/24	MTF	N	NA	25.38	0	96.25	NA	Y	21.69	21.77	0.08	0.0	Y	N	NA	22.39	0	0.0	N	N	NA	21.02	0	0	N	Y	22.22	22.63	0.41	0.25	Y
11/14/24	MTF	N	NA	24.93	0	96.25	NA	N	NA	20.38	0	0.0	N	N	NA	21.98	0	0.0	N	N	NA	19.93	0	0	N	N	NA	21.48	0	0	Y
12/17/24	MTF	N	NA	24.50	0	96.25	NA	N	NA	20.19	0	0.0	N	N	NA	21.48	0	0.0	N	N	NA	20.18	0	0	N	N	NA	21.73	0	0	Y
1/24/25	MTF	N	NA	24.73	0	96.25	NA	N	NA	21.65	0	0.0	N	N	NA	22.48	0	0.0	N	N	NA	21.38	0	0	N	N	NA	21.38	0	0	N
2/28/25	MTF	N	NA	24.18	0	96.25	NA	N	NA	19.79	0	0.0	Y	N	NA	21.03	0	0.0	N	N	NA	19.09	0	0	N	N	NA	21.98	0	0	Y
3/14/25	MTF	N	NA	23.44	0	96.25	NA	N	NA	20.71	0	0.0	N	N	NA	20.84	0	0.0	N	N	NA	19.73	0	0	N	N	NA	20.75	0	0	N
4/28/25	MTF	N	NA	23.86	0	96.25	NA	N	NA	20.03	0	0.0	Y	N	NA	21.31	0	0.0	N	N	NA	20.01	0	0	N	N	NA	21.13	0	0	Y
5/7/25	MTF	N	NA	20.98	0	96.25	NA	Y	17.50	17.83	0.33	0.10	Y	N	NA	18.10	0	0.0	N	N	NA	17.07	0	0	N	Y	18.02	18.21	0	0	Y
Quantity of LNAPL Recovered Since COC						96 gal						3.9 gal						0.85 gal						10 gal						2.1 gal	
Quantity of LNAPL Recovered in Reporting Period						0.0 gal						0.10 gal						0.0 gal						0.0 gal						0.25 gal	

Notes:

DTP = Depth to product; DTW = Depth to water; NM = Not measured; NA = Not applicable

Shaded cells are data collected pre-remediation. All other data occurred post-remediation.

Current Reporting Period

TABLE 2

GROUNDWATER MONITORING WELL WATER LEVELS
PERIODIC REVIEW REPORT
OLEAN REDEVELOPMENT PARCEL 1
OLEAN, NEW YORK

Well	BCP Site No.	Purpose of Well	Top of Riser (TOR) Elevation (ft)	Depth to Water (ft)	Liquid Elevation (ft)	Depth to Water (ft)	Liquid Elevation (ft)	Depth to Water (ft)	Liquid Elevation (ft)	Depth to Water (ft)	Liquid Elevation (ft)	Depth to Water (ft)	Liquid Elevation (ft)	Depth to Water (ft)	Liquid Elevation (ft)	Depth to Water (ft)	Liquid Elevation (ft)	Depth to Water (ft)	Liquid Elevation (ft)	Depth to Water (ft)	Liquid Elevation (ft)	Depth to Water (ft)	Liquid Elevation (ft)	Depth to Water (ft)	Liquid Elevation (ft)	Depth to Water (ft)	Liquid Elevation (ft)	Depth to Water (ft)	Liquid Elevation (ft)	Depth to Water (ft)	Liquid Elevation (ft)	Depth to Water (ft)	Liquid Elevation (ft)	Depth to Water (ft)	Liquid Elevation (ft)	Depth to Water (ft)	Liquid Elevation (ft)	Depth to Water (ft)	Liquid Elevation (ft)
				8/25/2012		7/17 & 18/2014		12/15 & 17 & 18/2014		4/14/2015		9/2/2015 & 9/3/2015		8/9/2016		12/14/2016		5/16 to 5/18/17		12/20 to 12/22/17		6/13/2018		12/19 to 12/20/18		7/9 to 7/10/19		6/16 to 6/18/20		6/27/2021		8/1/2022		6/12/2023		7/29/2024			
WCMW-15	1	GWQM	1429.28	21.95	1407.33	--	--	--	--	17.88	1411.40	21.60	1407.68	22.81	1406.47	--	--	18.11	1411.17	20.68	1408.60	19.75	1409.53	17.28	1412.00	18.17	1411.11	19.72	1409.56	20.50	1408.78	21.61	1407.67	21.29	1407.99	20.28	1409.00		
W3	1	GWQM	1424.64	17.81	1406.83	15.17	1409.47	16.39	1408.25	14.15	1410.49	17.66	1406.98	18.75	1405.89	--	--	14.66	1409.98	16.95	1407.69	16.00	1408.64	14.95	1409.69	--	--	16.05	1408.59	16.61	1408.03	17.75	1406.89	17.33	1407.31	16.89	1407.75		
W4	1	GWQM	1425.06	18.57	1406.49	--	--	--	--	--	--	See Note 1	--	19.40	1405.66	--	--	15.37	1409.69	buried		16.65	1408.41	15.61	1409.45	--	--	16.71	1408.35	17.25	1407.81	18.40	1406.66	18.01	1407.05	17.82	1407.24		
W5	1	LNAPL	1432.25	20.41	1407.23	17.72	1409.41	20.92	1408.40	--	--	21.11	1405.05	--	--	--	--	--	--	--	--	--	--	20.97	1411.28	--	--	22.39	1409.86	23.09	1409.18	24.36	1407.92	23.86	1408.42	24.06	1408.19		
W7A	1	LNAPL	1425.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	15.75	--	16.08	--	16.96	1408.29	17.54	1407.71	18.63	1406.62	18.29	1406.96	17.84	1407.41		
W9	1	LNAPL	1428.75	21.50	1407.38	--	--	--	--	--	--	21.20	1407.75	--	--	--	--	--	--	--	--	--	--	17.83	1410.92	18.16	1410.59	19.10	1409.65	20.14	1408.82	21.11	1407.74	21.65	1408.07	20.33	1408.42		
W10	1	LNAPL	1429.39	22.70	1407.43	18.88	1410.52	20.82	1408.71	--	--	21.80	1407.76	--	--	--	--	--	--	--	--	--	--	18.24	1411.15	18.70	1410.69	19.70	1409.69	20.41	1408.98	21.61	1407.78	21.23	1408.16	20.73	1408.66		
W11	1	GWQM	1426.61	20.14	1406.47	17.32	1409.29	18.57	1408.04	16.41	1410.20	19.98	1406.63	20.84	1405.77	--	--	16.68	1409.93	18.75	1407.86	17.35	1409.26	16.98	1409.63	17.13	1409.48	17.40	1409.21	--	--	--	--	18.40	1408.21	18.01	1408.60		
W26	1	LNAPL	1427.57	20.48	1407.09	--	--	--	--	--	--	20.98	1407.23	--	--	--	--	--	--	--	--	19.30	1408.79	17.53	1410.07	17.62	1409.95	19.76	1407.81	19.93	1408.20	20.42	1407.17	20.06	1407.52	19.88	1407.69		
W27	1	LNAPL	1429.5	23.52	1407.60	19.12	1410.38	21.12	1408.90	--	--	21.36	1408.23	--	--	--	--	--	--	--	--	--	--	17.81	1411.69	18.70	1410.8	19.68	1409.82	20.70	1409.02	21.40	1408.12	20.90	1408.60	21.86	1407.64		
W30	1	GWQM	1425.72	19.86	1405.86	17.20	1408.52	18.56	1407.16	16.25	1409.47	19.70	1406.02	20.65	1405.07	--	--	16.45	1409.27	18.76	1406.96	17.95	1407.77	16.70	1409.02	15.91	1409.81	18.00	1407.72	18.58	1407.14	19.74	1405.98	19.36	1406.36	19.10	1406.62		
W31	1	GWQM	1429.1	--	--	--	--	--	--	--	--	--	--	22.56	1406.54	--	--	17.80	1411.30	20.32	1408.78	19.45	1409.65	18.04	1411.06	18.50	1410.6	19.43	1409.67	20.12	1408.98	21.29	1407.81	20.91	1408.19	20.47	1408.63		
W32	1	GWQM	1429.31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	18.00	1411.31	17.81	1411.5	19.45	1409.86	20.19	1409.12	21.40	1407.91	21.05	1408.26	20.50	1408.81		

Notes:
Depth to water from top of well riserr.
1) Wells were inaccessible due to construction activities
2) W5 well riser was increased by 7.32 feet (based on TOC delta) in August 2016. Revised well top of riser elevation is 1432.25'. Historic top of riser elevation was 1424.93'.

Acronyms:
NA = Not available
-- = not measured
Shaded cells are data collected pre-remediation. All other data occurred post-remediation.

ROUX

TABLE 3
2008-2024 GROUNDWATER ANALYTICAL SUMMARY - ORGANICS

OLEAN REDEVELOPMENT SITE 1
OLEAN, NEW YORK

Parameter[1]	GWQS/GV[2]	Sample Location and Data																						
		W3																						
		08/12/10	11/10/10	02/17/11	05/19/11	08/18/11	11/17/11	02/23/12	08/30/12	07/17/14	12/17/14	04/13/15	09/03/15	08/09/16	05/18/17	12/20/17	06/13/18	12/19/18	06/25/19	06/16/20	06/27/21	08/01/22	06/14/23	08/01/24
Volatile Organic Compounds (ug/L)																								
1,2,4-Trimethylbenzene	**5**	**14.1**	**24.4**	**17.8**	**32.1**	**16.4**	2.3 J	**9.9**	**7.6**	2.73	**5.13**	ND	ND	ND	ND	1.77	**10.4**	ND	ND	ND	**19**	**6.1**	**7.6 J**	ND
1,2-Dichlorobenzene	**3**	1.5	1.4	1	1.1	1.1	1.7 J	0.8	ND	ND	1.31	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.72 J	ND	ND	ND
1,3,5-Trimethylbenzene	**5**	2.7	**6.5**	2.6	**7**	2.3	0.45 J	2	1.4	ND	ND	ND	ND	ND	ND	ND	2.1	ND	ND	ND	**5.1**	1.6 J	ND	ND
1,4-Dichlorobenzene	**3**	1.8	1.5	1.4	1.3	1.2	1.7 J	0.9	ND	ND	1.23	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.77 J	ND	ND	ND
2-Butanone (MEK)	**50**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	**50**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.1 J	ND	ND
Benzene	**1**	**17.9**	**19.2**	**15**	**21.4**	**13.3**	**2.1 J**	**15.1**	**11**	**3.65**	**1.89**	ND	ND	ND	ND	**47.5**	**10.1**	ND	**5.3 J**	**15**	**21**	**18**	**15**	**10**
Chlorobenzene	**5**	**8.6**	**8**	**6.6**	**6.5**	**5.3**	**10.8 J**	4.6	ND	3.12	**15.1**	2.87	4.44	3.14	ND	2.46	3.97	ND	ND	ND	2.8	1.6 J	ND	1.2 J
Cyclohexane	**--**	NA	NA	NA	NA	NA	NA	NA	ND	14.4	NA	ND	ND	ND	ND	10.4	33.2	ND	2.6 J	9.3 J	41	16	14 J	11
Ethylbenzene	**5**	3.4	**5**	3.6	**5.8**	3.6	0.26 J	2.9	2	**1.48**	NA	ND	ND	ND	ND	1.33	3.25	ND	ND	ND	**5.6**	2.6	ND	2 J
Isopropylbenzene	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclohexane	**--**	NA	NA	NA	NA	NA	NA	NA	NA	8.34	NA	NA	ND	ND	ND	ND	20.2	ND	ND	4.8 J	30	6.8 J	9.4 J	6.3 J
n-Butylbenzene	**5**	ND	ND	ND	ND	ND	ND	ND	0.25	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	**5**	1.3	2.1	1.7	2.3	1.6	ND	0.81	0.66	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.5 J	ND	ND	ND
sec-Butylbenzene	**5**	0.35	0.43	0.4	0.53	0.37	ND	ND	0.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	**5**	1.7	1.9	1.3	2.3	1.4	0.48 J	1.7	1.3	ND	ND	ND	ND	ND	ND	**19.9**	1.15	ND	ND	ND	1.9 J	1.2 J	ND	0.84 J
m&p-Xylene	**--**	12.9	19.6	13	24.8	13.6	13.6 J	ND	7.3	3.42	ND	ND	ND	ND	ND	6.09	9.05	ND	ND	ND	15	7.2	9.2 J	5.7
o-Xylene	**--**	17.9	23.9	13.9	30.2	16.4	16.4 J	ND	11	3.43	6.15	ND	ND	ND	ND	3.94	16.1	ND	ND	9.0 J	25	12	14	9.9
Total xylenes	**5**	**30.8**	**43.5**	**26.9**	**55**	**30.1**	**7 J**	**28.3**	**18**	**6.85**	**7.16**	ND	ND	ND	ND	**10.03**	**25.15**	ND	ND	**9 J**	**40**	**19.2**	**23.2**	**15.6**
Trichloroethene	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.18 J
Total VOCs	**--**	***84***	***114***	***78.3***	***135***	***77***	***20***	***67***	***61***	***47***	***38***	***2.9***	***4.4***	***3.1***	***ND***	***83***	***84***	***ND***	***7.9***	***29***	***129***	***56***	***46***	***47***
Total TICs	**--**	*58*	*235*	*83*	*189*	*78*	*5.7*	*44*	*114*	*41*	*NA*	*ND*	*ND*	*8.3*	*0.47*	*51*	*53*	*41*	*ND*	*9.0*	*45*	*5.1 J*	*ND*	*6.55 J*
Semi-Volatile Organic Compounds (ug/L)																								
Acenaphthene	**20**	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	**--**	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	**50**	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.05 J	ND	0.07 J	ND
Benzo(a)anthracene	**0.002**	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	**ND**	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.04 J	ND	ND	ND
Benzo(b)fluoranthene	**0.002**	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.06 J**	ND	**0.02 J**	ND
Benzo(ghi)perylene	**--**	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.06 J	ND	0.02 J	ND
Benzo(k)fluoranthene	**0.002**	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.01 J**	ND
Chrysene	**0.002**	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	**--**	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	**50**	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	**50**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	**50**	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.11 J D	0.11	0.05 J
Indeno(1,2,3-cd)pyrene	**0.002**	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.06 J**	ND	ND	ND
Naphthalene	**10**	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.4	0.48 J D	1.3	0.41
Pentachlorophenol	**--**	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.45 J
Phenanthrene	**50**	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.2 J F2 B	ND	0.15	ND	0.1	ND
Phenol *	**1**	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	**50**	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.03 J	ND	ND	ND
2-Methylnaphthalene	**--**	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.19
Total SVOCs	**--**	***NA***	***NA***	***NA***	***NA***	***NA***	***NA***	***NA***	***NA***	***ND***	***ND***	***ND***	***ND***	***ND***	***ND***	***ND***	***ND***	***ND***	***5.2***	***ND***	***1.6***	***0.59***	***1.6***	***1.1***
Total TICs	**--**	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*	*ND*	*ND*	*ND*	*361*	*159*	*ND*	*72*	*144*	*52*	*285*	*272*	*174*	*182 J*	*296 J*	*155 J*

Notes:

1. Only those parameters detected at a minimum of one sample location are presented in this table; all other compounds were reported as non-detect.
2. NYSDEC Class "GA" Groundwater Quality Standards/Guidance Values (GWQS/GV), 6 NYCRR Part 703.
3. Isopropyl alcohol identified in trip blank as a VOC-TIC during May 2017 sampling event; therefore, detections of this compound as a TIC in samples were ignored.
4. Well MCMW15 was "dry" for the September 2015 sampling event.
5. Well W4 was buried for the December 2017 sampling event.
5. LNAPL was detected in well W27 for the June 2020 sampling event; therefore, groundwater was not sampled.

Definitions:

* = Total phenolic compounds (total phenols) GA groundwater quality limit is 1 ug/L.
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J = Approximate value less than reporting limit but greater than or equal to method detection limit.
D = Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
F2 = MS/MSD RPD exceeds control limit
B = Compound was found in the blank and sample.
BOLD = Analytical result exceeds individual GWQS/GV.
= Dates highlighted in blue indicate samples collected pre-remediation; all other sampling events occurred post-remediation.

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TABLE 3
2008-2024 GROUNDWATER ANALYTICAL SUMMARY - ORGANICS

OLEAN REDEVELOPMENT SITE 1
OLEAN, NEW YORK

Parameter[1]	GWQS/GV[2]	Sample Location and Data																			
		W4																		W5	
		11/10/10	02/18/11	05/19/11	08/18/11	11/17/11	02/23/12	08/30/12	08/09/16	05/19/17	12/20/2017 [5]	06/13/18	12/20/18	06/25/19	06/16/20	06/27/21	08/01/22	06/14/23	08/02/24	06/15/23	07/31/24
Volatile Organic Compounds (ug/L)																					
1,2,4-Trimethylbenzene	**5**	**11.9**	**6.3**	**9.4**	0.34 J	0.6 J	3.1	0.62	ND	ND	NA	1.65	ND	ND	ND	**7.1**	**8.8**	**6.3 J**	ND	**13**	ND
1,2-Dichlorobenzene	**3**	2.2	1.6	2.2	0.83 J	0.9 J	1.3	ND	ND	ND	NA	ND	ND	ND	ND	1.8	1.7 J	ND	1.1 J	ND	ND
1,3,5-Trimethylbenzene	**5**	3.5	1.8	2.4	ND	ND	0.69	ND	ND	ND	NA	ND	ND	ND	ND	1.1	1.6 J	ND	ND	**5.1**	ND
1,4-Dichlorobenzene	**3**	1.4	1.1	1.4	0.62 J	0.63 J	0.84	ND	ND	ND	NA	ND	ND	ND	ND	1.1	1.1 J	ND	0.74 J	ND	ND
2-Butanone (MEK)	**50**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	9.6	14
Acetone	**50**	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	12	2.7 J	ND	5.3	24	22
Benzene	**1**	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	**3.5**	**4.3**
Chlorobenzene	**5**	4.5	4.8	**7.1**	3.9 J	3.7 J	**7.1**	ND	3.81	**5.61**	NA	**5.91**	ND	ND	ND	**5.2**	**5.6**	4.0 J	3.2	ND	ND
Cyclohexane	**--**	NA	NA	NA	NA	NA	NA	ND	ND	6.5	NA	15	8.4	24	26	29	28	24 J	13	4.8 J	4.8 J
Ethylbenzene	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	2.7	2.5
Isopropylbenzene	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclohexane	**--**	NA	NA	NA	NA	NA	NA	ND	ND	ND	NA	24.1	4.7	16	20	32	25	17 J	12	8.2 J	5.9 J
n-Butylbenzene	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	0.96 J	ND
sec-Butylbenzene	**5**	0.92	0.76	0.96	0.61 J	0.54 J	0.85	0.56	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	**5**	0.4	0.4	0.53	0.33 J	0.34 J	0.49	0.33	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	**5**	ND	ND	0.43	0.53 J	ND	0.31	0.35	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	1.5 J	1.7 J
m&p-Xylene	**--**	0.33	ND	ND	ND	ND	ND	0.53	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	12	11
o-Xylene	**--**	0.6	ND	0.51	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	8.8	8.7
Total xylenes	**5**	0.92	ND	ND	ND	ND	0.22	0.53	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	**20.8**	**19.7**
Trichloroethene	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.28 J
Total VOCs	**--**	***25***	***17***	***25***	***7.2***	***6.7***	***15***	***1.9***	***3.8***	***12***	***NA***	***47***	***13***	***40***	***46***	***89***	***75***	***51***	***35***	***94***	***75***
Total TICs	**--**	*216*	*37*	*157*	*11*	*ND*	*57*	*79*	*20*	*41*	*NA*	*80*	*ND*	*ND*	*ND*	*54*	*50 J*	*5.8 J*	*30.4 J*	*32.3 J*	*21.3 J*
Semi-Volatile Organic Compounds (ug/L)																					
Acenaphthene	**20**	NA	NA	NA	NA	NA	NA	NA	ND	ND	NA	ND	ND	ND	ND	0.17	0.11 J D	ND	ND	ND	ND
Acenaphthylene	**--**	NA	NA	NA	NA	NA	NA	NA	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	**50**	NA	NA	NA	NA	NA	NA	NA	ND	ND	NA	ND	ND	ND	ND	0.19	0.11 J D	ND	ND	ND	0.08 J
Benzo(a)anthracene	**0.002**	NA	NA	NA	NA	NA	NA	NA	ND	ND	NA	ND	ND	ND	ND	**0.09 J**	**0.26 J D**	ND	**0.04 J**	**0.3**	**0.08 J**
Benzo(a)pyrene	**ND**	NA	NA	NA	NA	NA	NA	NA	ND	ND	NA	ND	ND	ND	ND	**0.06 J**	**0.09 J D**	ND	**0.05 J**	**0.22**	**0.07 J**
Benzo(b)fluoranthene	**0.002**	NA	NA	NA	NA	NA	NA	NA	ND	ND	NA	ND	ND	ND	ND	**0.05 J**	**0.17 J D**	ND	**0.05 J**	**0.14**	ND
Benzo(ghi)perylene	**--**	NA	NA	NA	NA	NA	NA	NA	ND	ND	NA	ND	ND	ND	ND	0.05 J	0.12 J D	ND	**0.05 J**	ND	ND
Benzo(k)fluoranthene	**0.002**	NA	NA	NA	NA	NA	NA	NA	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	**0.03 J**	ND
Chrysene	**0.002**	NA	NA	NA	NA	NA	NA	NA	ND	ND	NA	ND	ND	ND	ND	**0.33**	**0.19 J D**	ND	**0.13**	**0.95**	**0.32**
Dibenzo(a,h)anthracene	**--**	NA	NA	NA	NA	NA	NA	NA	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	0.07	ND
Di-n-butyl phthalate	**50**	NA	NA	NA	NA	NA	NA	NA	ND	ND	NA	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	**50**	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	ND	ND	ND	ND	0.09 J	0.39 J D	ND	0.07 J	0.2	ND
Fluorene	**50**	NA	NA	NA	NA	NA	NA	NA	ND	ND	NA	ND	0.7 J H	NA	ND	0.7	0.46 J D	0.39	0.6	0.4	0.12
Indeno(1,2,3-cd)pyrene	**0.002**	NA	NA	NA	NA	NA	NA	NA	ND	ND	NA	ND	ND	ND	ND	ND	**0.11 J D**	ND	**0.04 J**	**0.04 J**	ND
Naphthalene	**10**	NA	NA	NA	NA	NA	NA	NA	ND	ND	NA	ND	ND	NA	ND	0.26	ND	0.09 J	0.16	1	0.17
Pentachlorophenol	**--**	NA	NA	NA	NA	NA	NA	NA	ND	ND	NA	ND	ND	NA	ND	ND	ND	ND	ND	ND	0.43 J
Phenanthrene	**50**	NA	NA	NA	NA	NA	NA	NA	ND	ND	NA	ND	ND	4.4 J B	ND	0.22	0.2 J D	0.09 J	ND	1.5	0.12
Phenol *	**1**	NA	NA	NA	NA	NA	NA	NA	ND	ND	NA	ND	ND	NA	ND	ND	ND	ND	1.3 J	ND	ND
Pyrene	**50**	NA	NA	NA	NA	NA	NA	NA	ND	ND	NA	ND	ND	ND	ND	0.35	0.37 J D	0.05 J	0.1	0.55	ND
2-Methylnaphthalene	**--**	NA	NA	NA	NA	NA	NA	NA	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	0.68	1.4	0.12
Total SVOCs	**--**	***NA***	***NA***	***NA***	***NA***	***NA***	***NA***	***NA***	***ND***	***ND***	***NA***	***ND***	***0.70***	***4.4***	***ND***	***1.6***	***1.1***	***0.62***	***3.3***	***6.8***	***1.5***
Total TICs	**--**	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*	*279*	*6,128*	*NA*	*309*	*211*	*324*	*277*	*113*	*89 J*	*207 J*	*78 J*	*458 J*	*167 J*

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TABLE 3
2008-2024 GROUNDWATER ANALYTICAL SUMMARY - ORGANICS

OLEAN REDEVELOPMENT SITE 1
OLEAN, NEW YORK

Parameter[1]	GWQS/GV[2]	Sample Location and Date																		
		W7A					W11												W26	
		06/18/20	06/28/21	08/01/22	06/15/23	08/02/24	07/17/14	12/17/14	04/13/15	09/03/15	08/09/16	05/19/17	12/20/17	06/13/18	12/20/18	06/25/19	06/18/20	06/15/23	07/31/24
Volatile Organic Compounds (ug/L)																				
1,2,4-Trimethylbenzene	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**6.4**	ND
1,2-Dichlorobenzene	**3**	0.96 J	1.2 J	1.0 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.7 J	ND
1,4-Dichlorobenzene	**3**	**3.3**	**5**	**4.4**	**3.5**	**3.1**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	**50**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	**50**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	8.3	3.6 J
Benzene	**1**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**7.1**	**9**
Chlorobenzene	**5**	**9.3**	**11**	**9.4**	**8.8**	**9.6**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane	**--**	7.4	1.1 J	1.0 J	0.79 J	0.56 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.8 J	8.3 J
Ethylbenzene	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.1 J	1.8 J
Isopropylbenzene	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclohexane	**--**	3.1	6.7 J	6.8 J	4.4 J	3.0 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.5 J	7.8 J
n-Butylbenzene	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	**5**	1.1	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.9 J	2.6
m&p-Xylene	**--**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.4	8
o-Xylene	**--**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10	12
Total xylenes	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**15.4**	**20**
Trichloroethene	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total VOCs	**--**	***25***	***27***	***18***	***17***	***16***	***ND***	***ND***	***ND***	***ND***	***ND***	***ND***	***ND***	***ND***	***ND***	***ND***	***ND***	***56***	***53***
Total TICs	**--**	*56*	82	*67 J*	*42.3 J*	*39.4 J*	*29*	*NA*	*ND*	*52*	*0.53*	*0.92*	*ND*	*1.6*	*ND*	*9.4*	*ND*	*11.6 J*	*14.4 J*
Semi-Volatile Organic Compounds (ug/L)																				
Acenaphthene	**20**	ND	0.29	0.11 J D	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.61 J	ND
Acenaphthylene	**--**	ND	ND	ND	0.07 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	**50**	ND	ND	ND	0.08 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.64	0.1
Benzo(a)anthracene	**0.002**	ND	ND	**0.12 J D**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.22**	ND
Benzo(a)pyrene	**ND**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.21**	ND
Benzo(b)fluoranthene	**0.002**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.18**	ND
Benzo(ghi)perylene	**--**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.12	0.09 J
Benzo(k)fluoranthene	**0.002**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	**0.002**	ND	**0.08 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**1.6**	ND
Dibenzo(a,h)anthracene	**--**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.08 J	ND
Di-n-butyl phthalate	**50**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.38 J H	ND	ND	ND	ND
Fluoranthene	**50**	ND	0.03 J	ND	ND	0.04 J	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	0.16 J	ND
Fluorene	**50**	ND	0.26	0.13 J D	0.26	0.09 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.83	ND
Indeno(1,2,3-cd)pyrene	**0.002**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.07 J**	ND
Naphthalene	**10**	ND	ND	ND	0.07 J	0.09 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.25	0.11
Pentachlorophenol	**--**	ND	ND	ND	0.21 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	**50**	0.93 J B	ND	ND	0.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.5 J B	0.88 J B	1.5	0.13
Phenol *	**1**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	**50**	ND	0.14	0.11 J D	ND	0.14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.65	ND
2-Methylnaphthalene	**--**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.42	0.14
Total SVOCs	**--**	***0.93***	***0***	***0.13***	***1.0***	***0.36***	***ND***	***ND***	***ND***	***ND***	***ND***	***ND***	***ND***	***ND***	***0.38***	***3.5***	***0.88***	***7.5***	***0.57***
Total TICs	**--**	*193*	*106*	*31 J*	*152 J*	*379 J*	*ND*	*ND*	*ND*	*ND*	*15*	*74*	*25*	*24*	*94*	*362*	*213*	*1070 J*	*380 J*

Notes:
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4. Well MCMW15 was "dry" for the September 2015 sampling event.
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TABLE 3
2008-2024 GROUNDWATER ANALYTICAL SUMMARY - ORGANICS

OLEAN REDEVELOPMENT SITE 1
OLEAN, NEW YORK

Parameter[1]	GWQS/GV[2]	Sample Location and Date																
		W30																
		08/30/12	07/17/14	12/17/14	04/13/15	09/03/15	08/09/16	05/18/17	12/20/17	06/13/18	12/20/18	06/26/19	06/16/20	06/28/21	08/01/22	06/15/23	08/02/24
Volatile Organic Compounds (ug/L)																		
1,2,4-Trimethylbenzene	**5**	0.85	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
1,2-Dichlorobenzene	**3**	ND	1.07	1.14	1.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
1,3,5-Trimethylbenzene	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
1,4-Dichlorobenzene	**3**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
2-Butanone (MEK)	**50**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Acetone	**50**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Benzene	**1**	0.32	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Chlorobenzene	**5**	ND	1.20	2.63	1.88	1.28	1.62	ND	2.53	1.69	ND	ND	ND	1.5 J	2.5	2.2 J	2.3 J	
Cyclohexane	**--**	ND	5.93	NA	6.72	ND	ND	ND	5.25	ND	ND	7.2 J	ND	ND	1.3 J	0.7 J	0.47 J	
Ethylbenzene	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Isopropylbenzene	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Methylcyclohexane	**--**	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.55 J	1.1 J	0.6 J	1 J	
n-Butylbenzene	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
n-Propylbenzene	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
sec-Butylbenzene	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
tert-Butylbenzene	**5**	0.63	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Toluene	**5**	0.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
m&p-Xylene	**--**	0.79	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
o-Xylene	**--**	0.32	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Total xylenes	**5**	1.11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Trichloroethene	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Total VOCs	**--**	***3.4***	***8.2***	***3.8***	***9.8***	***1.3***	***1.6***	***ND***	***7.8***	***1.7***	***ND***	***7.2***	***ND***	***2.1***	***4.9***	***3.5***	***3.8***	
Total TICs	**--**	*128*	*60*	*NA*	*64*	*ND*	*23*	*2.2*	*48*	*92*	*ND*	*ND*	*ND*	*4.8*	*10 J*	*2.54 J*	*15.9 J*	
Semi-Volatile Organic Compounds (ug/L)																		
Acenaphthene	**20**	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.12 J D	0.07 J	ND	
Acenaphthylene	**--**	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Anthracene	**50**	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.03 J	0.03 J	
Benzo(a)anthracene	**0.002**	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.11 J D**	ND	ND	
Benzo(a)pyrene	**ND**	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Benzo(b)fluoranthene	**0.002**	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Benzo(ghi)perylene	**--**	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Benzo(k)fluoranthene	**0.002**	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Chrysene	**0.002**	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Dibenzo(a,h)anthracene	**--**	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Di-n-butyl phthalate	**50**	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Fluoranthene	**50**	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Fluorene	**50**	NA	ND	ND	ND	ND	ND	ND	ND	ND	0.43 J	ND	ND	0.1	0.2 J D	0.24	0.29	
Indeno(1,2,3-cd)pyrene	**0.002**	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Naphthalene	**10**	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.46 J D	0.1 J	0.06 J	
Pentachlorophenol	**--**	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Phenanthrene	**50**	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.4 J B	0.73 J F1 B	ND	ND	ND	ND	
Phenol *	**1**	NA	ND	ND	ND	ND	ND	ND	ND	ND	**4.9 J**	ND	ND	ND	ND	ND	**2 J**	
Pyrene	**50**	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
2-Methylnaphthalene	**--**	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.06 J	ND	
Total SVOCs	**--**	***NA***	***ND***	***ND***	***ND***	***ND***	***ND***	***ND***	***ND***	***ND***	***5.3***	***2.4***	***0.73***	***0.10***	***0.89***	***0.50***	***2.38***	
Total TICs	**--**	*NA*	*ND*	*ND*	*ND*	*15*	*142*	*9.4*	*21*	*145*	*2,818*	*322*	*148*	*9.2*	*67 J*	*177 J*	*25.7 J*	

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TABLE 3
2008-2024 GROUNDWATER ANALYTICAL SUMMARY - ORGANICS

OLEAN REDEVELOPMENT SITE 1
OLEAN, NEW YORK

Parameter[1]	GWQS/GV[2]	Sample Location and Date																										
		W31											WCMW15							W10		W27			W32			W9
		08/11/16	05/18/17	12/20/17	06/13/18	12/19/18	06/26/19	06/16/20	06/28/21	08/01/22	06/15/23	08/01/24	08/09/16	05/18/17	12/20/17	06/13/18	12/19/18	06/26/19	06/16/20	06/26/19	06/17/20	06/26/19	06/15/23	08/02/24	06/26/19	06/16/20	08/01/24	08/01/24
Volatile Organic Compounds (ug/L)																												
1,2,4-Trimethylbenzene	**5**	**7.23**	4.13	2.14	2.23	ND	ND	ND	1.3 J	3.4	1.8 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	**3**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	**3**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	**50**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	**50**	ND	ND	ND	ND	ND	ND	ND	ND	2 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.4	ND	ND	ND	ND
Benzene	**1**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.84 J	**1.1**	ND	ND	**9.4**	ND
Chlorobenzene	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.3 J	ND
Cyclohexane	**--**	24.8	15.6	10.1	12.8	ND	11	11	2.7 J	8.8 J	4.3 J	2.6 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1 J	ND	ND	8.8 J	280 D
Ethylbenzene	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.7 J	ND
Isopropylbenzene	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.2	ND	ND	ND	**16**
Methylcyclohexane	**--**	38.4	47.5	29.7	39.8	9.7	34	37	21	68	44	24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.2 J	210 D
n-Butylbenzene	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	**5**	3.54	2.14	ND	1.37	ND	ND	ND	0.87 J	1.9 J	1.2 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	**5**	2.16	1.61	1.67	1.41	ND	ND	ND	1.5 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.76 J	ND
m&p-Xylene	**--**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.7	2.3 J
o-Xylene	**--**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	8.3	23
Total xylenes	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**13**	**25.3**
Trichloroethene	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total VOCs	**--**	***76***	***71***	***44***	***58***	***9.7***	***45***	***48***	***27***	***84***	***51***	***27***	***ND***	***ND***	***ND***	***ND***	***ND***	***ND***	***ND***	***ND***	***ND***	***ND***	***0.84***	***13***	***ND***	***ND***	***40***	***531***
Total TICs	**--**	*234*	*175*	*94*	*210*	*82*	*28*	*42*	*51*	*110 J*	*62.4 J*	*56.3 J*	*ND*	*1.2*	*ND*	*12*	*ND*	*ND*	*ND*	*ND*	*35*	*ND*	*5.65 J*	*21.7 J*	*96*	*879*	*ND*	*254 J*
Semi-Volatile Organic Compounds (ug/L)																												
Acenaphthene	**20**	ND	ND	ND	ND	ND	ND	ND	0.2	ND	0.13	0.09 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	0.17
Acenaphthylene	**--**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
Anthracene	**50**	ND	ND	ND	ND	ND	ND	ND	0.05 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.24	ND	ND	ND	NA	ND
Benzo(a)anthracene	**0.002**	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.02 J**	**0.03 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.22**	**0.64**	ND	ND	NA	**0.05 J**
Benzo(a)pyrene	**ND**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.81**	ND	ND	NA	ND
Benzo(b)fluoranthene	**0.002**	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.01 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.34**	ND	ND	NA	ND
Benzo(ghi)perylene	**--**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.54**	ND	ND	NA	ND
Benzo(k)fluoranthene	**0.002**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.05 J**	ND	ND	NA	ND
Chrysene	**0.002**	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.03 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.76**	**2.6**	ND	ND	NA	ND
Dibenzo(a,h)anthracene	**--**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.31	ND	ND	NA	ND
Di-n-butyl phthalate	**50**	ND	ND	ND	ND	0.32 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.34 J	ND	ND	ND	ND	ND	ND	ND	NA	ND
Fluoranthene	**50**	NA	ND	ND	ND	ND	ND	ND	ND	ND	0.02 J	ND	NA	ND	ND	ND	ND	ND	0.42 J	ND	ND	ND	0.13	0.37	ND	ND	NA	0.03 J
Fluorene	**50**	ND	ND	ND	ND	ND	ND	ND	0.54	0.12 J D	0.53	0.3	ND	ND	ND	ND	ND	ND	0.42 J B	ND	ND	ND	0.52	ND	ND	ND	NA	0.48
Indeno(1,2,3-cd)pyrene	**0.002**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.14	ND	ND	NA	ND
Naphthalene	**10**	ND	ND	ND	ND	ND	ND	ND	0.07 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.25	ND	ND	ND	NA	0.63
Pentachlorophenol	**--**	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.07 J	0.42 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	0.53 J
Phenanthrene	**50**	ND	ND	ND	ND	ND	2.7 J B	0.62 J B	0.2	ND	0.26	0.12	ND	ND	ND	ND	ND	2.7 J B	ND	3.4 J B	ND	3.2 J B	0.07 J	ND	3.1 J B	ND	NA	0.44
Phenol *	**1**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	0.75 J
Pyrene	**50**	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.06 J	0.05 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.22	1.7	ND	ND	NA	0.08 J
2-Methylnaphthalene	**--**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	2.8
Total SVOCs	**--**	***ND***	***ND***	***ND***	***ND***	***ND***	***2.7***	***0.62***	***0.81***	***ND***	***1.1***	***0.89***	***ND***	***ND***	***ND***	***ND***	***ND***	***3.9***	***ND***	***3.4***	***ND***	***3.2***	***2.4***	***7.5***	***3.1***	***ND***	NA	***5.7***
Total TICs	**--**	*197*	*76*	*5.7*	*336*	*115*	*317*	*199*	*45*	*45 J*	*238 J*	*5.1 J*	*16*	*4.6*	*ND*	*28*	*65*	*271*	*295*	*309*	*200*	*256*	*1400 J*	*434 J*	*565*	*732*	NA	*220 J*

Notes:

1. Only those parameters detected at a minimum of one sample location are presented in this table; all other compounds were reported as non-detect.
2. NYSDEC Class "GA" Groundwater Quality Standards/Guidance Values (GWQSI/GV), 6 NYCRR Part 703.
3. Isopropyl alcohol identified in trip blank as a VOC-TIC during May 2017 sampling event; therefore, detections of this compound as a TIC in samples were ignored.
4. Well MCMW15 was "dry" for the September 2015 sampling event.
5. Well W4 was buried for the December 2017 sampling event.
5. LNAPL was detected in well W27 for the June 2020 sampling event; therefore, groundwater was not sampled.

Definitions:

* = Total phenolic compounds (total phenols) GA groundwater quality limit is 1 ug/L.
ND = Parameter not detected above laboratory detection limit.
"--" = Sample not analyzed for parameter or no SCO available for the parameter.
TIC = tentatively identified compound concentration estimated.
J = Approximate value less than reporting limit but greater than or equal to method detection limit.
D = Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
F2 = MS/MSD RPD exceeds control limit
B = Compound was found in the blank and sample.
BOLD = Analytical result exceeds individual GWQS/GV.
= Dates highlighted in blue indicate samples collected pre-remediation; all other sampling events occurred post-remediation.

ROUX

TABLE 4
2008-2024 GROUNDWATER ANALYTICAL SUMMARY - METALS

PERIODIC REVIEW REPORT
OLEAN REDEVELOPMENT PARCEL 1
OLEAN, NEW YORK

Parameter[1]	GWQS/GV[2]	Sample Location and Date										
		W3										
		09/04/08	05/18/17	12/20/17	06/13/18	12/19/18	06/25/19	06/16/20	06/27/21	08/01/22	06/14/23	08/01/24
Metals (ug/L)												
Arsenic (total)	**25**	7	ND	ND	ND	ND	ND	17	8.06	11	8.79	5
Arsenic (dissolved)	**25**	NA	NA	NA	NA	NA	NA	NA	3.49	3 J	2.2	2 J
Lead (total)	**25**	<3.0	ND	ND	10.6	ND	ND	ND	NA	NA	NA	NA
Lead (dissolved)	**25**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

1. Only those parameters detected at a minimum of one sample location are presented in this table; all other compounds were reported as non-detect.
2. NYSDEC Class "GA" Groundwater Quality Standards/Guidance Values (GWQS/GV), 6 NYCRR Part 703.
3. Well W-4 was buried for the December 2017 sampling event.
4. First sampling event where LNAPL was not detected; therefore, groundwater was sampled.
5. LNAPL was detected in well W27 for the June 2020 sampling event; therefore, groundwater was not sampled.

Definitions:

ND = Parameter not detected above laboratory detection limit.
NA = Not analyzed
J = Approximate value less than reporting limit but greater than or equal to method detection limit.

BOLD = Analytical result exceeds individual GWQS/GV.
= Dates highlighted in blue indicate samples collected pre-remediation; all other samplng events occurred post-remediation.

ROUX

TABLE 4
2008-2024 GROUNDWATER ANALYTICAL SUMMARY - METALS

PERIODIC REVIEW REPORT
OLEAN REDEVELOPMENT PARCEL 1
OLEAN, NEW YORK

Parameter[1]	GWQS/GV[2]	Sample Location and Date																		
		W4																		
		09/08/08	11/04/09	08/13/10	11/10/10	02/18/11	05/19/11	08/18/11	11/17/11	02/23/12	05/19/17	2/20/2017	06/13/18	12/20/18	06/25/19	06/16/20	06/27/21	08/01/22	06/14/23	08/02/24
Metals (ug/L)																				
Arsenic (total)	**25**	**27.4**	20.4	22.1 J	23.5	**26**	20.4	21.1 J	17.9 J	**36.7**	**37.9**	NA	**39.7**	**30**	**27**	**30**	**45.76**	25	24.8	9
Arsenic (dissolved)	**25**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.81	4 J	7.12	17.5
Lead (total)	**25**	**27.1**	7.1	10.4 J	7.2	**44.7**	<3.0	<3.0	<3.0	<3.0	14.1	NA	**72.2**	ND	5.7 J	3 J	NA	NA	NA	NA
Lead (dissolved)	**25**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

1. Only those parameters detected at a minimum of one sample location are presented in this table; all other compounds were reported as non-detect.
2. NYSDEC Class "GA" Groundwater Quality Standards/Guidance Values (GWQS/GV), 6 NYCRR Part 703.
3. Well W-4 was buried for the December 2017 sampling event.
4. First sampling event where LNAPL was not detected; therefore, groundwater was sampled.
5. LNAPL was detected in well W27 for the June 2020 sampling event; therefore, groundwater was not sampled.

Definitions:

ND = Parameter not detected above laboratory detection limit.
NA = Not analyzed
J = Approximate value less than reporting limit but greater than or equal to method detection limit.

BOLD = Analytical result exceeds individual GWQS/GV.
= Dates highlighted in blue indicate samples collected pre-remediation; all other samplng events occurred post-remediation.

ROUX

TABLE 4
2008-2024 GROUNDWATER ANALYTICAL SUMMARY - METALS

PERIODIC REVIEW REPORT
OLEAN REDEVELOPMENT PARCEL 1
OLEAN, NEW YORK

Parameter[1]	GWQS/GV[2]	Sample Location and Date													
		W5		W7A [4]	W10		W11							W26	
		06/15/23	07/31/24	06/16/20	06/26/19	06/16/20	09/04/08	05/19/17	12/20/17	06/13/18	12/20/18	06/26/19	06/18/20	06/15/23	07/31/24
Metals (ug/L)															
Arsenic (total)	**25**	3.07	ND	ND	ND	ND	6.8	ND	ND	10.9	ND	ND	ND	4.5	2.1 J
Arsenic (dissolved)	**25**	2.58	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.63	ND
Lead (total)	**25**	0.85 J	ND	ND	ND	ND	11.8	ND	ND	12	ND	ND	ND	10.05	21.4
Lead (dissolved)	**25**	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND

Notes:

1. Only those parameters detected at a minimum of one sample location are presented in this table; all other compounds were reported as non-detect.
2. NYSDEC Class "GA" Groundwater Quality Standards/Guidance Values (GWQS/GV), 6 NYCRR Part 703.
3. Well W-4 was buried for the December 2017 sampling event.
4. First sampling event where LNAPL was not detected; therefore, groundwater was sampled.
5. LNAPL was detected in well W27 for the June 2020 sampling event; therefore, groundwater was not sampled.

Definitions:

ND = Parameter not detected above laboratory detection limit.
NA = Not analyzed
J = Approximate value less than reporting limit but greater than or equal to method detection limit.

BOLD = Analytical result exceeds individual GWQS/GV.
= Dates highlighted in blue indicate samples collected pre-remediation; all other samplng events occurred post-remediation.

ROUX

TABLE 4
2008-2024 GROUNDWATER ANALYTICAL SUMMARY - METALS

PERIODIC REVIEW REPORT
OLEAN REDEVELOPMENT PARCEL 1
OLEAN, NEW YORK

Parameter[1]	GWQS/GV[2]	Sample Location and Date															
		W27			W30						W31						
		06/26/19	06/15/23	07/31/24	05/18/17	12/20/17	06/13/18	12/20/18	06/26/19	06/16/20	08/11/16	05/18/17	12/20/17	06/13/18	12/19/18	06/26/19	06/16/20
Metals (ug/L)																	
Arsenic (total)	**25**	ND	6.29	3.6 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic (dissolved)	**25**	NA	2.01	1.9 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead (total)	**25**	ND	2.49	2.9 J	ND	ND	6	ND	3 J	ND	NA	ND	ND	ND	ND	3.3 J	ND
Lead (dissolved)	**25**	NA	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

1. Only those parameters detected at a minimum of one sample location are presented in this table; all other compounds were reported as non-detect.
2. NYSDEC Class "GA" Groundwater Quality Standards/Guidance Values (GWQS/GV), 6 NYCRR Part 703.
3. Well W-4 was buried for the December 2017 sampling event.
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Definitions:

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NA = Not analyzed
J = Approximate value less than reporting limit but greater than or equal to method detection limit.

BOLD = Analytical result exceeds individual GWQS/GV.
= Dates highlighted in blue indicate samples collected pre-remediation; all other samplng events occurred post-remediation.

ROUX

TABLE 4
2008-2024 GROUNDWATER ANALYTICAL SUMMARY - METALS

PERIODIC REVIEW REPORT
OLEAN REDEVELOPMENT PARCEL 1
OLEAN, NEW YORK

Parameter[1]	GWQS/GV[2]	Sample Location and Date													
		W32						WCMW15							W9
		06/26/19	06/16/20	06/27/21	08/01/22	06/15/23	08/01/24	09/03/08	05/18/17	12/20/17	06/13/18	12/19/18	06/26/19	06/16/20	08/01/24
Metals (ug/L)															
Arsenic (total)	**25**	**35**	15	16.9	22	17.14	10.6	<3.0	ND	ND	15.8	ND	13 J	ND	ND
Arsenic (dissolved)	**25**	NA	NA	4.71	8	3.52	5.5	NA	NA	NA	NA	NA	NA	NA	ND
Lead (total)	**25**	ND	3.2 J	NA	NA	NA	NA	<3.0	5.3	ND	**199**	ND	3.9 J	3.7 J	ND
Lead (dissolved)	**25**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND

Notes:

1. Only those parameters detected at a minimum of one sample location are presented in this table; all other compounds were reported as non-detect.
2. NYSDEC Class "GA" Groundwater Quality Standards/Guidance Values (GWQS/GV), 6 NYCRR Part 703.
3. Well W-4 was buried for the December 2017 sampling event.
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Definitions:

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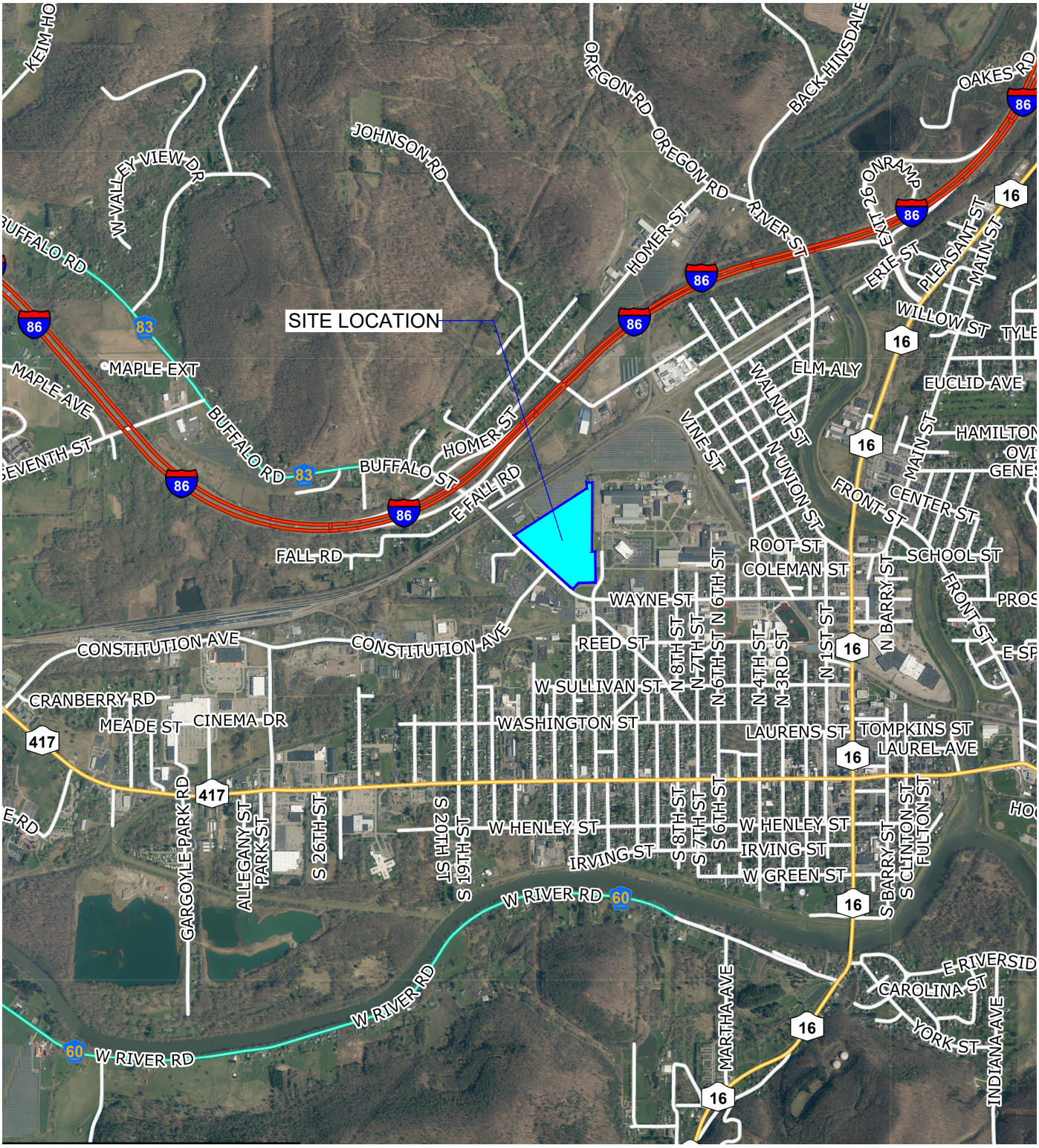
J = Approximate value less than reporting limit but greater than or equal to method detection limit.

BOLD = Analytical result exceeds individual GWQS/GV.
= Dates highlighted in blue indicate samples collected pre-remediation; all other samplng events occurred post-remediation.

FIGURES

1. Site Location and Vicinity Map
2. Site Plan (Pre-Remediation)
3. Site Plan Post-Remediation & Post-Redevelopment
4. Survey / Tax Parcel Map
5. Site Cover System
6. Groundwater Isopotential Map (July/August 2024)
7. SVE System Layout



***DISCLAIMER**:
Cattaraugus County maps are for reference only! They are not a CERTIFIED SURVEY and are only to be used as a guideline. *

3000' 0 3000'

Title:

SITE LOCATION AND VICINITY MAP

PERIODIC REVIEW REPORT

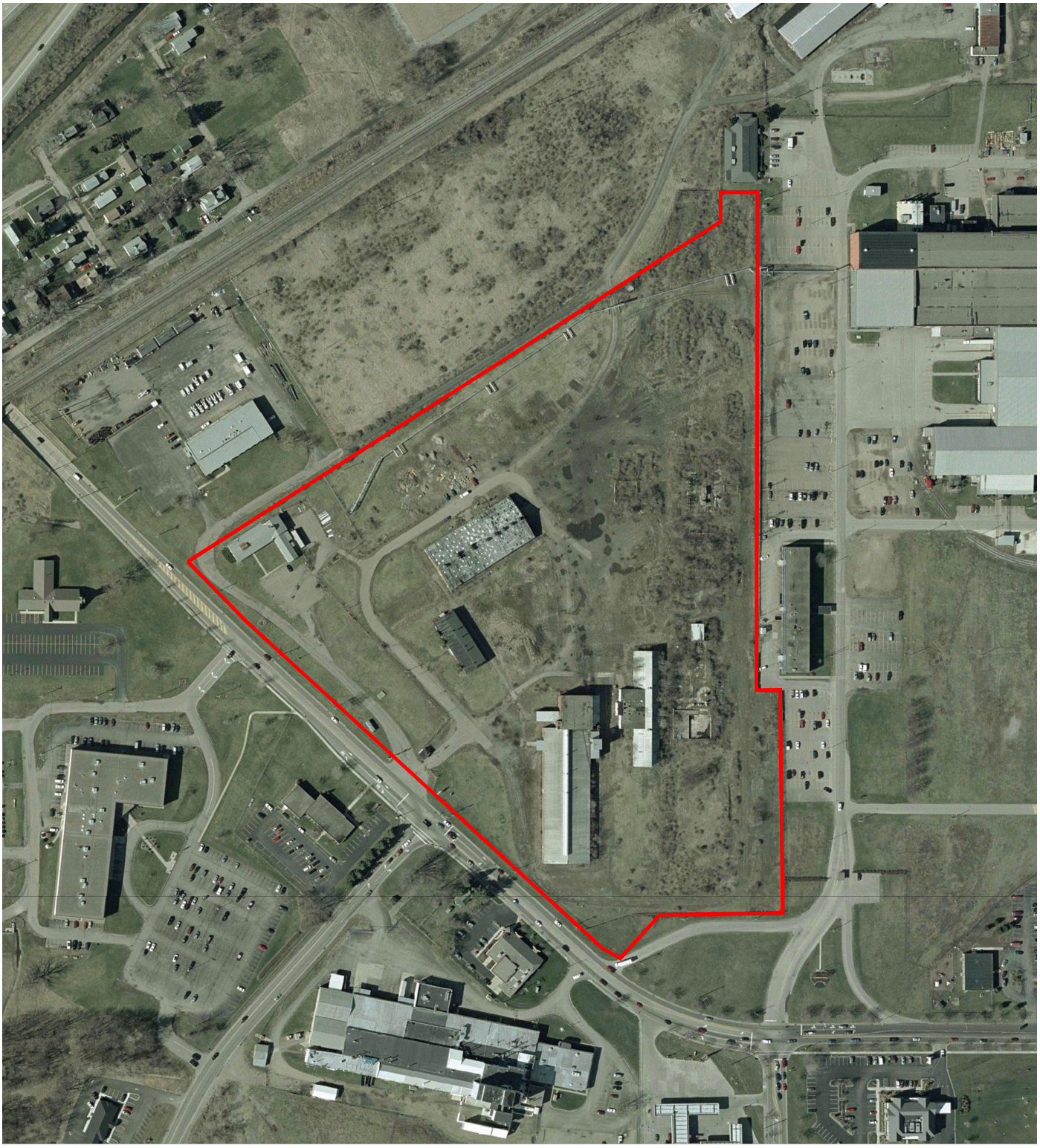
OLEAN REDEVELOPMENT SITE 1
NYSDEC BCP SITE NO. C905031
OLEAN, NEW YORK

Prepared for:
OLEAN GATEWAY LLC & HK OLEAN HOTEL LLC

ROUX

Compiled by: JJY	Date: MAY 2025	FIGURE
Prepared by: CMC-JJY	Scale: AS SHOWN	1
Project Mgr: LER	Project: 4357.0001B000	
File: FIGURE 1; SITE LOCATION AND VICINITYORP1.DWG		

F:\CAD\TURNKEY\OLEAN GATEWAY\2025 PRR\FIGURE 1; SITE LOCATION AND VICINITYORP1.DWG



Base Image NYS GIS Clearinghouse 2002

Property Boundary (Approximate)

300' 0 300'

N

Title:

SITE PLAN PRE-REMEDIATION

PERIODIC REVIEW REPORT

OLEAN REDEVELOPMENT PARCEL 1

NYSDEC BCP SITE NO. C905031
OLEAN, NEW YORK

Prepared for:
OLEAN GATEWAY LLC & HK OLEAN HOTEL, LLC

ROUX

Compiled by:	Date: JUNE 2024	FIGURE
Prepared by: RFL	Scale: AS SHOWN	2
Project Mgr: LER	Project:	
File: FIGURE 2; SITE PLAN PRE-REMEDIATION.DWG		

F:\CAD\TURNKEY\OLEAN GATEWAY\2024 PRR\FIGURE 2; SITE PLAN PRE-REMEDIATION.DWG

Base Image Cattaraugus County Parcel Viewer 4.0
[2024 Color 1 ft]

LEGEND:

- OLEAN REDEVELOPMENT PARCEL 1
- OLEAN GATEWAY, LLC BOUNDARY
- HK OLEAN HOTEL, LLC BOUNDARY
- BUFFALO OLEAN I, LLC & BUFFALO OLEAN II, LLC SUB-PARCELS

300' 0 300'

N

Title:

SITE PLAN POST-REMEDIATION & POST-REDEVELOPMENT

PERIODIC REVIEW REPORT

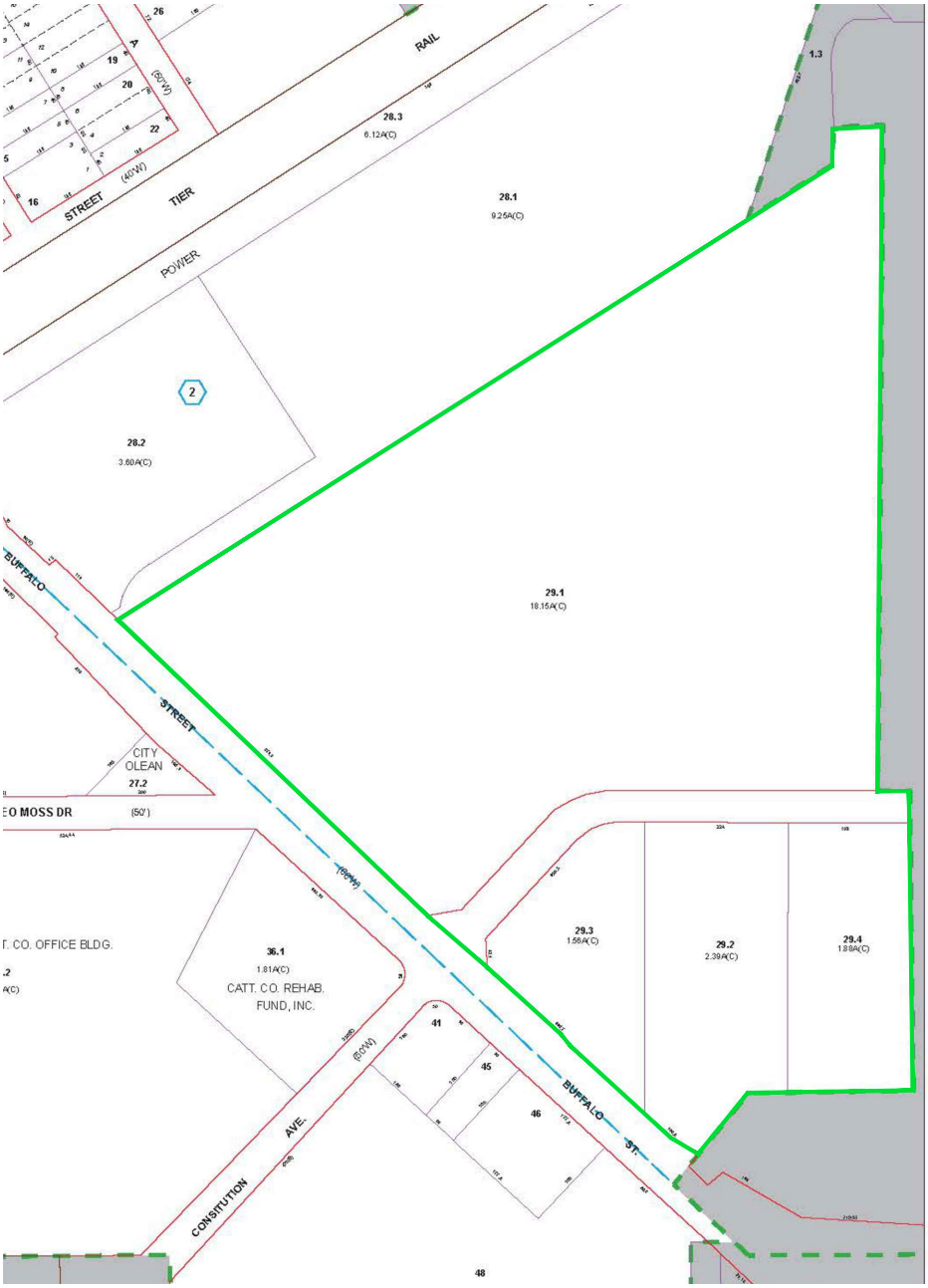
OLEAN REDEVELOPMENT PARCEL 1 (NYSDEC BCP SITE C905031)
OLEAN, NEW YORK

Prepared for:
OLEAN GATEWAY LLC & HK OLEAN HOTEL LLC

ROUX

Compiled by: JJY	Date: MAY 2025	FIGURE
Prepared by: CMC-JJY	Scale: AS SHOWN	3
Project Mgr: LER	Project: 4357.0001B000	
File: FIGURE 3; POST REMEDIAL AERIAL_CHANGE OF OWNERSHIPREV.DWG		

F:\CAD\TURNKEY\OLEAN GATEWAY\2025 PRR\FIGURE 3; POST REMEDIAL AERIAL_CHANGE OF OWNERSHIPREV.DWG



LEGEND:

OLEAN REDEVELOPMENT BCP SITE 1

SOURCE: CATTARAUGUS COUNTY IMAGE MATE ONLINE JUNE 2020

N

300' 0 300'

Title:

SURVEY / TAX PARCEL MAP

PERIODIC REVIEW REPORT

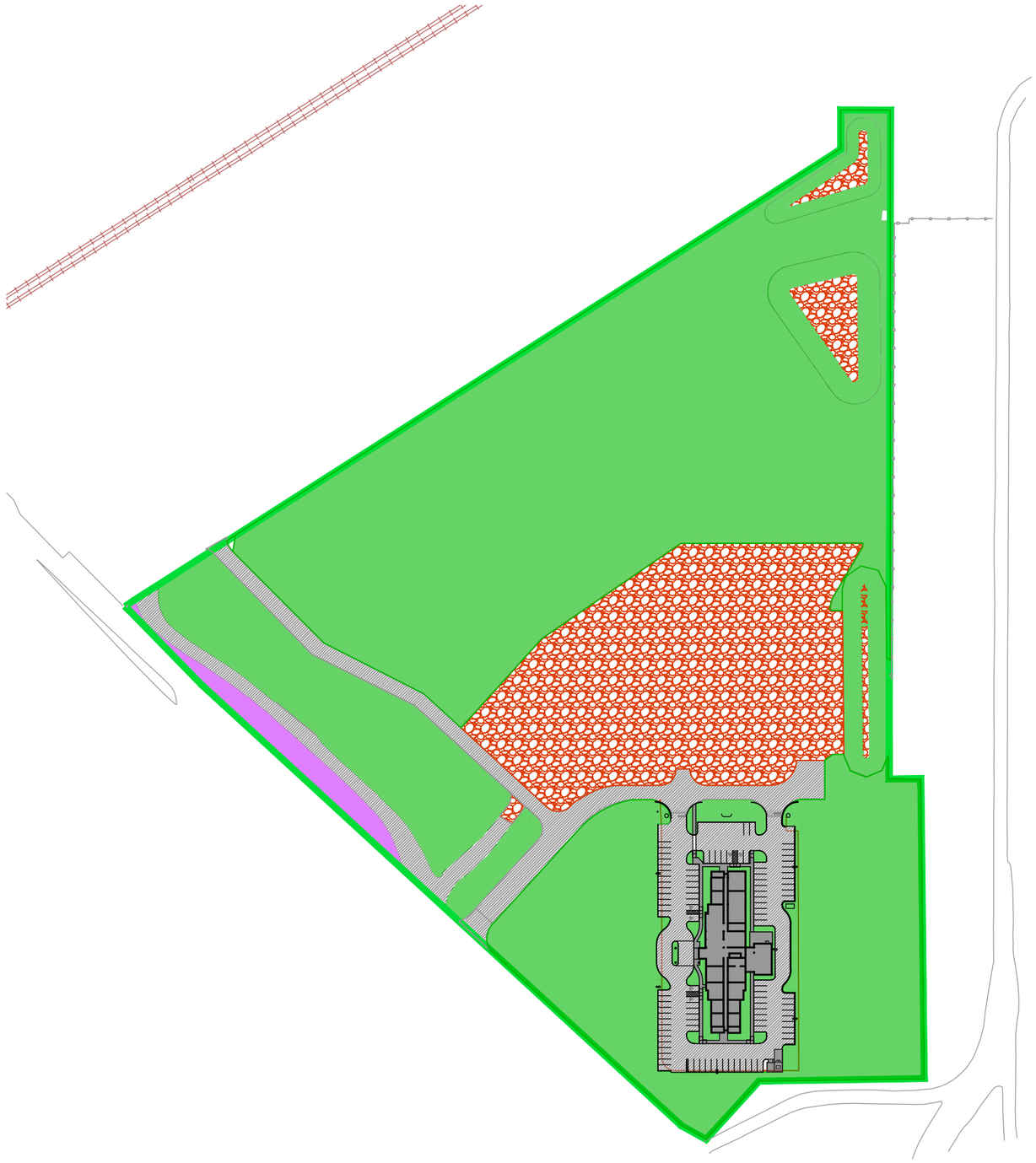
OLEAN REDEVELOPMENT SITE 1
NYSDEC BCP SITE NO. C905031
OLEAN, NEW YORK

Prepared for:
OLEAN GATEWAY LLC & HK OLEAN HOTEL LLC

ROUX

Compiled by: JJY	Date: MAY 2025	FIGURE
Prepared by: CMC-JJY	Scale: AS SHOWN	
Project Mgr: LER	Project: 4357.0001B000	4
File: FIGURE 4; SURVEY_TAX PARCEL MAP.DWG		

F:\CAD\TURNKEY\OLEAN GATEWAY\2025 PRR\FIGURE 4; SURVEY_TAX PARCEL MAP.DWG



LEGEND:

- BCP SITE 1 PARCEL BOUNDARY
- ASPHALT COVER
- CRUSHED CONCRETE/AGGREGATE COVER
- VEGETATED SOIL COVER
- EXISTING SOIL COVER

N

200' 0 200'

Title:

SITE COVER SYSTEM

PERIODIC REVIEW REPORT

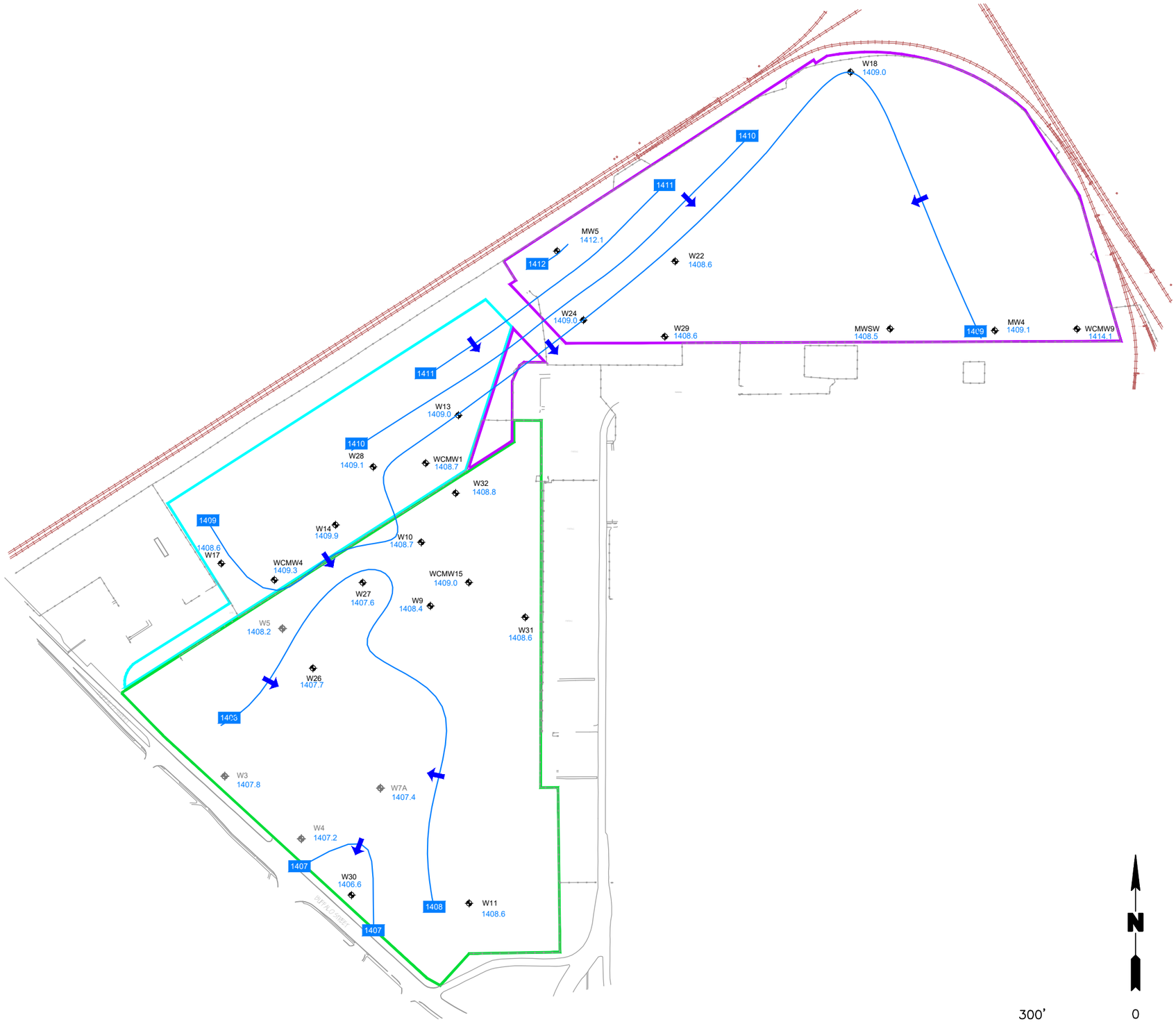
OLEAN REDEVELOPMENT PARCEL 1
NYSDEC BCP SITE NO. C905031
OLEAN, NEW YORK

Prepared for:
OLEAN GATEWAY LLC & HK OLEAN HOTEL LLC

ROUX

Compiled by: JJY	Date: MAY 2025	FIGURE
Prepared by: CMC-JJY	Scale: AS SHOWN	5
Project Mgr: LER	Project: 4357.0001B000	
File: FIGURE 5; SITE COVER SYSTEM REV.DWG		

F:\CAD\TURNKEY\OLEAN GATEWAY\2025 PRR\FIGURE 5; SITE COVER SYSTEM REV.DWG



LEGEND:

- OLEAN REDEVELOPMENT BCP SITE 1
- OLEAN REDEVELOPMENT BCP SITE 2
- OLEAN REDEVELOPMENT BCP SITE 3
- W17 EXISTING MONITORING WELL
- W9 EXISTING MONITORING WELL
- 1412 GROUNDWATER CONTOUR LINE (JULY 2024); DASHED WHERE INFERRED
- GROUNDWATER FLOW DIRECTION

NOTES:
1. GROUNDWATER CONTOURS BASED ON LINEAR INTERPOLATION, HISTORICAL TRENDS IN GROUNDWATER FLOW DIRECTION AND ENGINEERING JUDGEMENT FOR GROUNDWATER LEVELS MEASURED ON DATE INDICATED.
2. WELL WCMW-9 APPEARS TO REPRESENT A LOCALIZED PERCHED GROUNDWATER CONDITION; WATER ELEVATION NOT USED FOR EVALUATING ISOPOTENTIALS.
3. GROUNDWATER ELEVATIONS REFERENCED TO NAVD 88.

N

300’ 0 300’

Title:
GROUNDWATER ISOPOTENTIAL MAP JULY 2024

OLEAN REDEVELOPMENT PARCEL 1
(BCP SITE NO. C9050331)
OLEAN, NEW YORK

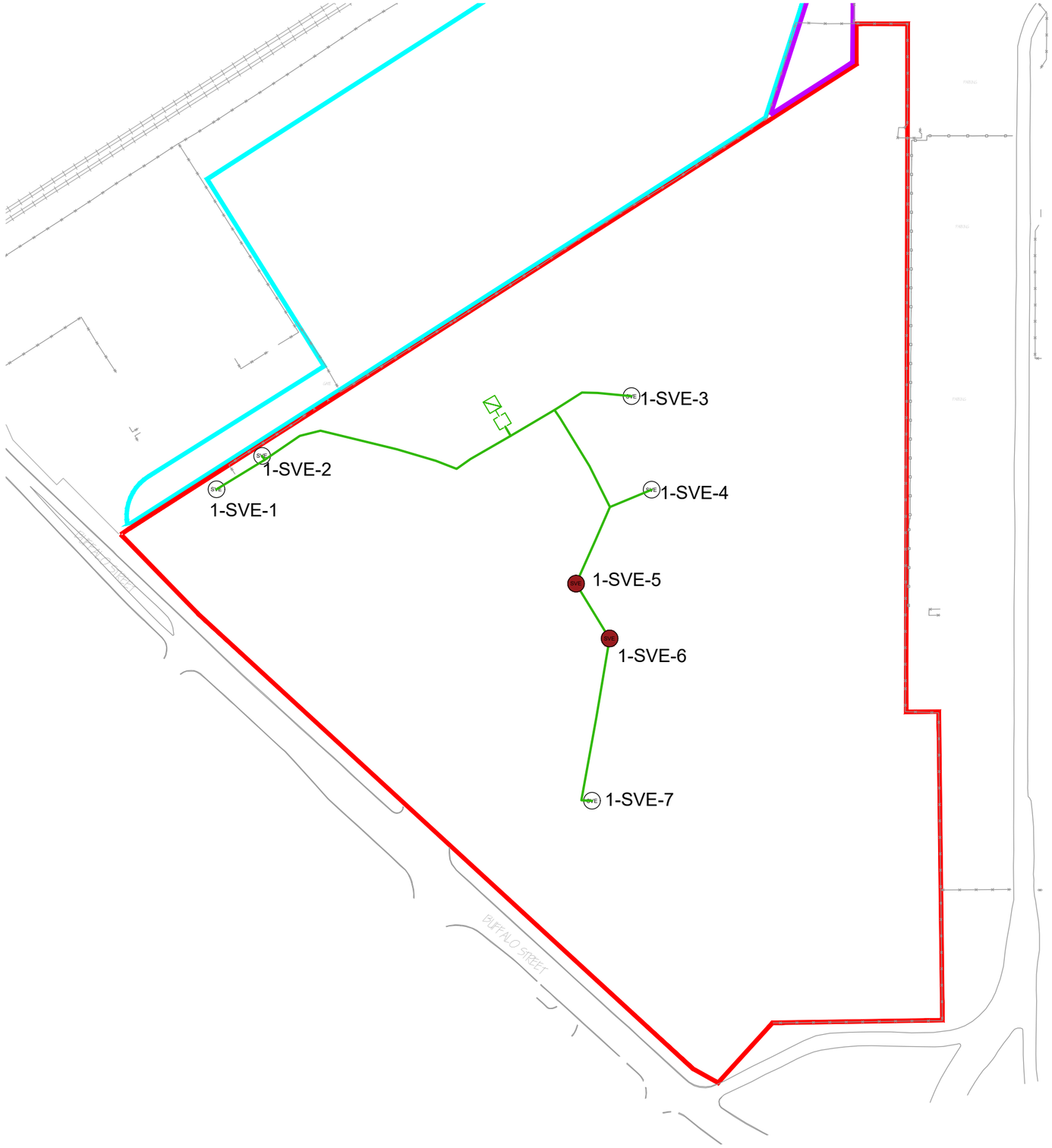
Prepared for:
SOLEAN, LLC

ROUX

Compiled by:	Date: OCTOBER 2024
Prepared by: CMC	Scale: AS SHOWN
Project Mgr: MEL	Project: 4388.0001B000
File: FIGURE 6; GROUNDWATER CONTOUR MAP (JULY 2024).DWG	

FIGURE 6

F:\CAD\TURNKEY\OLEAN GATEWAY\2025 PRR\FIGURE 6; GROUNDWATER CONTOUR MAP (JULY 2024).DWG



LEGEND:

- OLEAN REDEVELOPMENT BCP SITE 1
- OLEAN REDEVELOPMENT BCP SITE 2
- OLEAN REDEVELOPMENT BCP SITE 3
- 1-SVE-4 — SVE EXTRACTION WELL (SCREEN FROM 5 TO 15')
- 1-SVE-5 — SVE EXTRACTION WELL (SCREEN FROM 2 TO 15')
- SVE PIPING FORCE MAIN
- SVE TRAILER BLOWER AND BIOFILTER

N

175' 0 175'

Title:

SVE SYSTEM LAYOUT

PERIODIC REVIEW REPORT

OLEAN REDEVELOPMENT PARCEL 1
NYSDEC BCP SITE NO. C905031
OLEAN, NEW YORK

Prepared for:
OLEAN GATEWAY LLC & HK OLEAN HOTEL LLC

ROUX

Compiled by: JJY	Date: MAY 2025	FIGURE
Prepared by: CMC-JJY	Scale: AS SHOWN	7
Project Mgr: LER	Project: 4357.0001B000	
File: FIGURE 7; SOIL VAPOR EXTRACTION SYSTEM MAP.DWG		

F:\CAD\TURNKEY\OLEAN GATEWAY\2025 PRR\FIGURE 7; SOIL VAPOR EXTRACTION SYSTEM MAP.DWG

APPENDICES

A. IC/EC Certification Form

B. Site Photo Log

C. Groundwater Sampling Field Forms and Analytical Data

D. SVE System Documentation

APPENDIX A

IC/EC Certification Form

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

Site Details **Box 1**

Site No. **C905031**

Site Name Olean Redevelopment Parcel 1

Site Address: 1404-1406 & 1420 Buffalo Street Zip Code: 14760
City/Town: Olean
County: Cattaraugus
Site Acreage: 25.099

Reporting Period: May 09, 2024 to May 09, 2025

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

Box 2

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

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

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

_____ _____
Signature of Owner, Remedial Party or Designated Representative Date

Box 2A

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

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

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

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

SITE NO. C905031 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
	City of Olean	
		O&M Plan
		Ground Water Use Restriction Soil Management Plan Landuse Restriction Monitoring Plan Site Management Plan IC/EC Plan

-All engineering controls (ECs) must be operated and maintained as specified in the Site Management Plan (SMP);
-All ECs must be inspected at a frequency and in a manner defined in the SMP.
-The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the NYSDOH or the Cattaraugus County Department of Health to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the Department.
-Groundwater and other environmental or public health monitoring must be performed as defined in the SMP;
-Data and information pertinent to site management must be reported at the frequency and in a manner as defined in the SMP;
-All future activities that will disturb remaining contaminated material must be conducted in accordance with the SMP;
-Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in the SMP;
-Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical component of the remedy shall be performed as defined in the SMP; and
-Access to the site must be provided to agents, employees, or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by the Environmental Easement.

94.047-2-29.1	Olean Gateway, LLC	
		Ground Water Use Restriction Soil Management Plan Landuse Restriction Monitoring Plan Site Management Plan O&M Plan IC/EC Plan
		~~Ground Water Use Restriction~~ ~~Soil Management Plan~~ ~~Landuse Restriction~~ ~~Monitoring Plan~~ ~~Site Management Plan~~ ~~O&M Plan~~ ~~IC/EC Plan~~

-All engineering controls (ECs) must be operated and maintained as specified in the Site Management Plan (SMP);
-All ECs must be inspected at a frequency and in a manner defined in the SMP.
-The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the NYSDOH or the Cattaraugus County Department of Health to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so

from the Department.
-Groundwater and other environmental or public health monitoring must be performed as defined in the SMP;
-Data and information pertinent to site management must be reported at the frequency and in a manner as defined in the SMP;
-All future activities that will disturb remaining contaminated material must be conducted in accordance with the SMP;
-Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in the SMP;
-Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical component of the remedy shall be performed as defined in the SMP; and
-Access to the site must be provided to agents, employees or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by the Environmental Easement.

94.047-2-29.2 HK Olean Hotel, LLC

Landuse Restriction
Ground Water Use Restriction
Soil Management Plan
Monitoring Plan
Site Management Plan
O&M Plan

IC/EC Plan

-All engineering controls (ECs) must be operated and maintained as specified in the Site Management Plan (SMP);
-All ECs must be inspected at a frequency and in a manner defined in the SMP.
-The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the NYSDOH or the Cattaraugus County Department of Health to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the Department.
-Groundwater and other environmental or public health monitoring must be performed as defined in the SMP;
-Data and information pertinent to site management must be reported at the frequency and in a manner as defined in the SMP;
-All future activities that will disturb remaining contaminated material must be conducted in accordance with the SMP;
-Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in the SMP;
-Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical component of the remedy shall be performed as defined in the SMP; and
-Access to the site must be provided to agents, employees, or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by the Environmental Easement.

94.047-2-29.3 Buffalo Olean I, LLC

Landuse Restriction
Monitoring Plan
Site Management Plan
O&M Plan
IC/EC Plan

Ground Water Use Restriction
Soil Management Plan

-All engineering controls (ECs) must be operated and maintained as specified in the Site Management Plan (SMP);

-All ECs must be inspected at a frequency and in a manner defined in the SMP.
-The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the NYSDOH or the Cattaraugus County Department of Health to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the Department.
-Groundwater and other environmental or public health monitoring must be performed as defined in the SMP;
-Data and information pertinent to site management must be reported at the frequency and in a manner as defined in the SMP;
-All future activities that will disturb remaining contaminated material must be conducted in accordance with the SMP;
-Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in the SMP;
-Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical component of the remedy shall be performed as defined in the SMP; and
-Access to the site must be provided to agents, employees, or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by the Environmental Easement.

94.047-2-29.4 Buffalo Olean II LLC

Ground Water Use Restriction
Soil Management Plan
Landuse Restriction
Monitoring Plan
Site Management Plan
O&M Plan
IC/EC Plan

-All engineering controls (ECs) must be operated and maintained as specified in the Site Management Plan (SMP);
-All ECs must be inspected at a frequency and in a manner defined in the SMP.
-The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the NYSDOH or the Cattaraugus County Department of Health to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the Department.
-Groundwater and other environmental or public health monitoring must be performed as defined in the SMP;
-Data and information pertinent to site management must be reported at the frequency and in a manner as defined in the SMP;
-All future activities that will disturb remaining contaminated material must be conducted in accordance with the SMP;
-Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in the SMP;
-Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical component of the remedy shall be performed as defined in the SMP; and
-Access to the site must be provided to agents, employees, or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by the Environmental Easement.

Box 4

Description of Engineering Controls

Parcel	Engineering Control
	Cover System
	Groundwater Treatment System
	Vapor Mitigation
	Air Sparging/Soil Vapor Extraction

-a site cover that will allow for commercial use, that will consist either of structures such as buildings,

Parcel	Engineering Control
pavement, sidewalks comprising the site development or a soil cover in areas where the upper one foot of exposed surface soil will exceed the applicable SCOs; -removal of LNAPL from monitoring wells using the methods outlined in the SMP and RAWP; -a soil vapor extraction (SVE) system to mitigate residual contamination in subsurface soil; and -a vapor mitigation system for any future building(s) developed on-site.	
94.047-2-29.1	Groundwater Treatment System Vapor Mitigation Cover System Air Sparging/Soil Vapor Extraction ~~Groundwater Treatment System~~ ~~Vapor Mitigation~~ ~~Cover System~~ ~~Air Sparging/Soil Vapor Extraction~~
-a site cover that will allow for commercial use, that will consist either of structures such as buildings, pavement, sidewalks comprising the site development or a soil cover in areas where the upper one foot of exposed surface soil will exceed the applicable SCOs; -removal of LNAPL from monitoring wells using the methods outlined in the SMP and RAWP; -a soil vapor extraction (SVE) system to mitigate residual contamination in subsurface soil; and -a vapor mitigation system for any future building(s) developed on-site.	
94.047-2-29.2	Groundwater Treatment System Vapor Mitigation Cover System Air Sparging/Soil Vapor Extraction Monitoring Wells
-a site cover that will allow for commercial use, that will consist either of structures such as buildings, pavement, sidewalks comprising the site development or a soil cover in areas where the upper one foot of exposed surface soil will exceed the applicable SCOs; -removal of LNAPL from monitoring wells using the methods outlined in the SMP and RAWP; -a soil vapor extraction (SVE) system to mitigate residual contamination in subsurface soil; and -a vapor mitigation system for any future building(s) developed on-site.	
94.047-2-29.3	Groundwater Treatment System Vapor Mitigation Cover System Air Sparging/Soil Vapor Extraction Monitoring Wells
-a site cover that will allow for commercial use, that will consist either of structures such as buildings, pavement, sidewalks comprising the site development or a soil cover in areas where the upper one foot of exposed surface soil will exceed the applicable SCOs; -removal of LNAPL from monitoring wells using the methods outlined in the SMP and RAWP; -a soil vapor extraction (SVE) system to mitigate residual contamination in subsurface soil; and -a vapor mitigation system for any future building(s) developed on-site.	
94.047-2-29.4	Groundwater Treatment System Vapor Mitigation Cover System Air Sparging/Soil Vapor Extraction Monitoring Wells
-a site cover that will allow for commercial use, that will consist either of structures such as buildings, pavement, sidewalks comprising the site development or a soil cover in areas where the upper one foot of exposed surface soil will exceed the applicable SCOs; -removal of LNAPL from monitoring wells using the methods outlined in the SMP and RAWP; -a soil vapor extraction (SVE) system to mitigate residual contamination in subsurface soil; and -a vapor mitigation system for any future building(s) developed on-site.	

Box 5

Periodic Review Report (PRR) Certification Statements

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

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

   b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and compete.

YES	NO
☑	☐

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

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

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

   (c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

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

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

YES	NO
☑	☐

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

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

_____ _____

Signature of Owner, Remedial Party or Designated Representative — Date

IC CERTIFICATIONS
SITE NO. C905031

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Peter L. Krog (print name) at The Krog Group, LLC, 4 Center Drive, Orchard Park, NY 14127 (print business address),

am certifying as Owner (Owner or Remedial Party)

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

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

06/09/2025
Date

EC CERTIFICATIONS

SITE NO. C905031

Box 7

Professional Engineer Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Lori E. Riker at Roux Environmental Engineering & Geology 2558 Hamburg Turnpike, Buffalo, NY 14218,

print name — print business address

am certifying as a Professional Engineer for the Owner

(Owner or Remedial Party)

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

Stamp (Required for PE)

10/9/2025 — Date

APPENDIX B

Site Photo Log

SITE PHOTOGRAPHS

Photo 1:

Photo 2:

Photo 3:

Photo 4:

Conditions During April 16, 2025 Site Inspection

Photo 1: View of vegetative growth and retention pond in northeastern corner of Olean Gateway LLC (looking south)

Photo 2: View of vegetative growth and retention pond in northeastern corner of property (looking southwest)

Photo 3: View of vegetative growth along northern boundary (looking southeast)

Photo 4: View of vegetative cover with SVE-6, SVE trailer, biofilter, and belt skimmer shed

ROUX

SITE PHOTOGRAPHS

Photo 5:

Photo 6:

Photo 7:

Photo 8:

Conditions During April 16, 2025 Site Inspection

Photo 5: View of vegetative cover from SVE-6 (looking southwest)

Photo 6: View from northwestern corner of vegetative, asphalt, and soil covers along northwestern boundary (looking southeast)

Photo 7: View of vegetative and stone covers in the southwestern quadrant of property (looking east)

Photo 8: View of asphalt and stone covers in the southeastern quadrant of property (looking south)

SITE PHOTOGRAPHS

Photo 9:

Photo 10:

Photo 11:

Photo 12:

Conditions During April 16, 2025 Site Inspection

Photo 9: View of entrance road, northern hotel parking lot island, and Hampton Inn & Suites (looking southwest)

Photo 10: View of vegetative cover area east of Hampton Inn (looking northeast)

Photo 11: View of vegetative and asphalt covers southwest of Hampton Inn (looking northwest)

Photo 12: View of vegetative cover west of Hampton Inn (looking northwest)

ROUX

SITE PHOTOGRAPHS

Photo 13:

Conditions During April 16, 2025 Site Inspection

Photo 13: View from eastern boundary of stone and vegetative covers (looking south)

APPENDIX C

Groundwater Sampling Field Forms and Analytical Data

ROUX

EQUIPMENT CALIBRATION LOG

PROJECT INFORMATION:

Project Name: **Olean Redevelopment Parcel 1 (ORP-1)**
Project No.: 4357.0001B000
Client: KT Redevelopment, LLC

Date: 7/26/2024

Instrument Source: [X] ROUX [ ] Rental

METER TYPE	UNITS	TIME	MAKE/MODEL	SERIAL NUMBER	CAL. BY	STANDARD	POST CAL. READING	SETTINGS
[x] pH meter	units		Myron L Company Ultra Meter 6P	6213516 [ ] 6243084 [x] 6212375 [ ] 6243003 [ ] 6223973 [ ]	CMC	4.00 7.00 10.01	3.98 7.09 10.01	
[x] Turbidity meter	NTU		Hach 2100P or 2100Q Turbidimeter	06120C020523 (P) [ ] 13120C030432 (Q) [ ] 17110C062619 (Q) [ ]	TSB	10 NTU verification <0.4 20 100 800	9.47 20.06 96.4 844	
[x] Sp. Cond. meter	uS mS		Myron L Company Ultra Meter 6P	6213516 [ ] 6243084 [x] 6212375 [ ] 6243003 [ ] 6223973 [ ]		_____ mS @ 25 °C		
[ ] PID	ppm		MinRAE 2000			open air zero _____ ppm Iso. Gas		MIBK response factor = 1.0
[x] Dissolved Oxygen	ppm		HACH Model HQ30d	171932597009 [ ] 100500041867 [ ] 22293299821 [ ]		100% Satuartion		
[ ] Particulate meter	mg/m^3					zero air		
[ ] Radiation Meter	uR/H					background area		

ADDITIONAL REMARKS:

PREPARED BY: **DATE:**

ROUX

EQUIPMENT CALIBRATION LOG

PROJECT INFORMATION:

Project Name: Homer St. Date: 7/30/24

Project No.:

Client:

Instrument Source: ☐ BM ☐ Rental

METER TYPE	UNITS	TIME	MAKE/MODEL	SERIAL NUMBER	CAL. BY	STANDARD	POST CAL. READING	SETTINGS
☐ pH meter	units	10:28 AM	Myron L Company Ultra Meter 6P	6213516 ☐ 6243084 ☒ 6212375 ☐ 6243003 ☐ 6223973 ☐	TSB	4.00 7.00 10.01	3.99 6.95 10.05	
☐ Turbidity meter	NTU	10:36	Hach 2100P or 2100Q Turbidimeter	06120C020523 (P) ☐ 13120C030432 (Q) ☐ 17110C062619 (Q) ☒	TSB	10 NTU verification <0.4 20 100 800	10.7 19.2 100 825	
☐ Sp. Cond. meter	uS mS		Myron L Company Ultra Meter 6P	6213516 ☐ 6243084 ☐ 6212375 ☐ 6243003 ☐ 6223973 ☐		_____ mS @ 25 °C		
☐ PID	ppm		MinRAE 2000			open air zero _____ ppm Iso. Gas		MIBK response factor = 1.0
☐ Dissolved Oxygen	ppm		HACH Model HQ30d	171932597009 ☐ ~~23104113~~ 100500041867 ☐ 22293299821 ☐	TSB	100% Satuartion	100.0	
☐ Particulate meter	mg/m^3		/			zero air		
☐ Radiation Meter	uR/H					background area		

ADDITIONAL REMARKS:

PREPARED BY: Amanda Brandt **DATE:** 7/30/24

ROUX

GROUNDWATER FIELD FORM

Project Name: ~~Olean West (Olean Gateway Parcel 2)~~ Olean Redevelopment Parcel 1 Date:

Location: Olean, NY Project No.: 4387.0001B000 Field Team: MTF & TSB

Well No. W-10			Diameter (inches): 4"			Sample Date / Time: 8/8/24			
Product Depth (fbTOR): N/A			Water Column (ft): 5.9			DTW when sampled:			
DTW (static) (fbTOR): 21.24			One Well Volume (gal): 3.85			Purpose: ☒ Development ☐ Sample ☐ Purge & Sample			
Total Depth (fbTOR): 27.14			Total Volume Purged (gal): 40.0			Purge Method: Bailer			
Time	Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
10:40	0 Initial	0.0	6.90	14.8	655.7	>1000	1.31	-84	turbid / petrol
10:48	1 21.47	4.0	6.80	14.4	711.4	>1000	1.25	-77	turbid / petrol
10:58	2 21.36	8.0	6.71	14.4	829.6	459	1.12	-71	turbid / petrol
11:06	3 21.33	12.0	6.73	14.1	898.0	458	.91	-74	turbid / petrol
11:13	4 21.34	16.0	6.74	13.8	900.3	490	.86	-74	turbid / petrol
11:22	5 21.33	21.0	6.76	13.8	923.3	416	1.01	-74	turbid / petrol
11:32	6 21.33	26.0	6.76	13.4	928.8	463	1.13	-74	turbid / petrol
11:40	7 21.33	31.0	6.76	13.1	941.1	409	1.11	-73	turbid / petrol
11:46	8 21.36	36.0	6.79	13.0	944.3	401	1.07	-73	turbid / petrol
11:53	9 21.34	40.0	6.78	13.0	937.8	401	1.27	-69	turbid / petrol
	10								
Sample Information:									
	S1								
	S2								

Well No.			Diameter (inches):			Sample Date / Time:			
Product Depth (fbTOR):			Water Column (ft):			DTW when sampled:			
DTW (static) (fbTOR):			One Well Volume (gal):			Purpose: ☐ Development ☐ Sample ☐ Purge & Sample			
Total Depth (fbTOR):			Total Volume Purged (gal):			Purge Method:			
Time	Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
	0 Initial								
	1								
	2								
	3								
	4								
	5								
	6								
	7								
	8								
	9								
	10								
Sample Information:									
	S1								
	S2								

REMARKS:

Note: All water level measurements are in feet, distance from top of riser.

Volume Calculation

Diam.	Vol. (g/ft)
1"	0.041
2"	0.163
4"	0.653
6"	1.469

Stabilization Criteria

Parameter	Criteria
pH	± 0.1 unit
SC	± 3%
Turbidity	± 10%
DO	± 0.3 mg/L
ORP	± 10 mV

PREPARED BY:

ROUX

GROUNDWATER FIELD FORM

ORP #1 Parcel 1

Project Name: Solean West (~~Olean Gateway Parcel 2~~) Date: 7/18/24

Location: Olean, NY Project No.: 4387.0001B000 Field Team: MTF & TSB

Well No. W27			Diameter (inches):			Sample Date / Time:			
Product Depth (fbTOR):			Water Column (ft): 7.86			DTW when sampled:			
DTW (static) (fbTOR): 21.06			One Well Volume (gal): 5.13			Purpose: ☑ Development ☐ Sample ☐ Purge & Sample			
Total Depth (fbTOR): 28.92			Total Volume Purged (gal): 27.50			Purge Method:			
Time	Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
1431	0 Initial	0	6.47	20.5	2096	63.5	1.89	-62	Clear
1452	1 22.59	5.5	6.78	18.1	3122	>1000	1.29	-68	Turbid, petrol odor
1516	2 22.93	11	7.02	19	2165	>1000	.49	-78	"
1521	3 22.91	16.5	6.83	18	1884	>1000	.42	-116	"
1534	4 22.51	22	6.85	18	2202	>1000	.31	-177	"
1545	5 22.62	27.5	6.85	17	2195	>1000	.26	-202	"
	6								
	7								
	8								
	9								
	10								
Sample Information:									
	S1								
	S2								

Well No.			Diameter (inches):			Sample Date / Time:			
Product Depth (fbTOR):			Water Column (ft):			DTW when sampled:			
DTW (static) (fbTOR):			One Well Volume (gal):			Purpose: ☐ Development ☐ Sample ☐ Purge & Sample			
Total Depth (fbTOR):			Total Volume Purged (gal):			Purge Method:			
Time	Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
	0 Initial								
	1								
	2								
	3								
	4								
	5								
	6								
	7								
	8								
	9								
	10								
Sample Information:									
	S1								
	S2								

REMARKS:

Note: All water level measurements are in feet, distance from top of riser.

Volume Calculation

Diam.	Vol. (g/ft)
1"	0.041
2"	0.163
4"	0.653
6"	1.469

Stabilization Criteria

Parameter	Criteria
pH	± 0.1 unit
SC	± 3%
Turbidity	± 10%
DO	± 0.3 mg/L
ORP	± 10 mV

PREPARED BY:

ROUX

GROUNDWATER FIELD FORM

Project Name: Olean Redevelopment Parcel 1 (ORP-1) Date: 7/26/2024

Location: Olean, NY Project No.: 4357.0001B000 Field Team: CMC/Terry

Well No. W-5	Diameter (inches): 4"	Sample Date / Time: 7/26/24
Product Depth (fbTOR): 23.23	Water Column (ft): 9.99	DTW when sampled: —
DTW (static) (fbTOR): 19.8	One Well Volume (gal): 6.5235	Purpose: ☒ Development ☐ Sample ☐ Purge & Sample
Total Depth (fbTOR): 29.79	Total Volume Purged (gal): 32.5	Purge Method: Bailer

Time		Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
12:52	0	Initial	0.00	6.83	17.2	1088	29.8	.39	62	Slightly turbid, petrol odor
13:12	1	19.9	6.5	6.77	18.1	1087	655	1.69	60	↓
13:25	2	24.4	13	6.81	18.0	1111	655	1.07	-63	
13:45	3	24.3	19.5	7.04	19.2	1142	434	1.22	-79	Clear, small bubb
13:55	4	24.4	26	6.80	17.7	1136	244	1.42	-57	"
14:06	5	24.3	32.5	6.87	17	1131	253	1.74	-62	
	6									
	7									
	8									
	9									
	10									
Sample Information:										
	S1									
	S2									

Well No. W-26	Diameter (inches): 4"	Sample Date / Time: 7/26/24
Product Depth (fbTOR): 19.54	Water Column (ft): 7.76	DTW when sampled:
DTW (static) (fbTOR): 19.51	One Well Volume (gal): 5.0	Purpose: ☒ Development ☐ Sample ☐ Purge & Sample
Total Depth (fbTOR): 27.27	Total Volume Purged (gal): 30	Purge Method: Bailer

Time		Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
11:09	0	Initial	0	6.3	18.6	11.89	>1000	0.26	31	Cloudy, turbid
11:30	1	19.91	5	6.86	20.7	7.40	>1000	0.43	85	↓
11:40	2	19.80	10	6.84	22.4	1480	>1000	0.41	-104	
11:52	3	19.90	15	7.08	23.4	1566	>1000	0.29	-97	
12:06	4	19.75	20	6.82	16.6	1532	>1000	0.61	-96	
12:19	5	19.85	25	6.89	16.3	1550	>1000	0.69	-86	
12:30	6	19.65	30	6.91	16.5	1508	>1000	0.72	-76	
	7									
	8									
	9									
	10									
Sample Information:										
	S1									
	S2									

REMARKS: Development

Note: All water level measurements are in feet, distance from top of riser.

Volume Calculation

Diam.	Vol. (g/ft)
1"	0.041
2"	0.163
4"	0.653
6"	1.469

Stabilization Criteria

Parameter	Criteria
pH	± 0.1 unit
SC	± 3%
Turbidity	± 10%
DO	± 0.3 mg/L
ORP	± 10 mV

PREPARED BY:

ROUX

GROUNDWATER FIELD FORM

Project Name: Olean Redevelopment Parcel 1 (ORP-1) Date:

Location: Olean, NY Project No.: 4357.0001B000 Field Team:

Well No.	W27	Diameter (inches):	4"	Sample Date / Time:	7/31/24 @ 3:07 pm
Product Depth (fbTOR):	—	Water Column (ft):	7.38	DTW when sampled:	23.53
DTW (static) (fbTOR):	21.75	One Well Volume (gal):	4.81	Purpose: ☐ Development ☐ Sample ☐ Purge & Sample	
Total Depth (fbTOR):	29.13	Total Volume Purged (gal):	18.00	Purge Method:	Bailer

Time		Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
2:44	0	Initial	0.0	7.29	19.3	1557	95	.29	-128	turbid / oily sheen
2:48	1	22.59	5.00	7.24	16.6	1355	322	.33	-148	turbid / oily sheen
2:54	2	23.23	10.00	7.01	16.8	1459	502	.45	-167	turbid / ~~no odor~~ oily sheen
2:59	3	23.29	15.00	6.90	16.8	1605	307	.43	-208	turbid / oily sheen
	4									
	5									
	6									
	7									
	8									
	9									
	10									
Sample Information:										
3:04	S1	23.53	17.00	6.60	15.1	1704	252	.38	-210	turbid / oily sheen
3:10	S2	23.74	18.00	6.63	15.5	1879	119	.55	-215	turbid / oily sheen

Well No.	W9	Diameter (inches):	4"	Sample Date / Time:	8/1/24 @ [redacted] 11:25am
Product Depth (fbTOR):	—	Water Column (ft):	10.73	DTW when sampled:	20.41
DTW (static) (fbTOR):	20.37	One Well Volume (gal):	7.08	Purpose: ☐ Development ☐ Sample ☒ Purge & Sample	
Total Depth (fbTOR):	31.10	Total Volume Purged (gal):	6.75	Purge Method:	low flow

Time		Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
10:53	0	~~10.73~~ Initial	0.00	6.54	20.6	1202	600	.97	-69	turbid / no odor
10:59	1	20.41	.75	6.86	18.5	1218	71000	1.40	-79	turbid / no odor
11:03	2	20.41	1.50	6.79	17.0	1206	597	1.01	-74	turbid / no odor
11:05	3	20.41	2.00	6.56	17.0	1220	456	.98	-84	turbid / no odor
11:10	4	20.41	3.00	6.56	16.4	1234	348	2.07	-79	turbid / no odor
11:12	5	20.41	3.75	6.53	15.1	1232	167	1.15	-80	turbid / no odor
11:16	6	20.41	4.50	6.51	15.6	1237	145	.78	-71	turbid / no odor
11:19	7	20.41	5.00	6.50	14.8	1247	169	.84	-65	sl turbid / no odor
	8									
	9									
	10									
Sample Information:										
11:23	S1	20.41	5.75	6.50	14.4	1237	153	.78	-67	"
11:28	S2	20.41	6.5	6.47	16.4	1236	96	.90	-65	"

REMARKS:

Note: All water level measurements are in feet, distance from top of riser.

Volume Calculation

Diam.	Vol. (g/ft)
1"	0.041
2"	0.163
4"	0.653
6"	1.469

Stabilization Criteria

Parameter	Criteria
pH	± 0.1 unit
SC	± 3%
Turbidity	± 10%
DO	± 0.3 mg/L
ORP	± 10 mV

PREPARED BY:

ROUX

GROUNDWATER FIELD FORM

Project Name: Clean Redevelopment - Well Development Date: 7/31/24

Location: Parcel 1 Project No.: Field Team: TB

Well No. W9			Diameter (inches): 4"			Sample Date / Time: 11:07 AM 7/31/24			
Product Depth (fbTOR): 20.32			Water Column (ft): 10.6			DTW when sampled:			
DTW (static) (fbTOR): 20.44			One Well Volume (gal): 6.97			Purpose: ☐ Development ☐ Sample ☐ Purge & Sample			
Total Depth (fbTOR): 30.92			Total Volume Purged (gal):			Purge Method:			
Time	Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
12:08	0 Initial	0.00	6.83	16.9	1115	108	.6	-75	Clear w/ dark
12:35	1 20.28	7	6.68	16.5	1205	>1000	.44	-67	"
12:53	2 20.28	14	6.58	19.7	1194	>1000	.91	-72	"
1:22	3 20.51	21	6.60	20.7	1228	>1000	1.01	-47	"
1:40	4 20.31	28	6.67	21.6	1233	>1000	1.99	-61	"
1:52	5 20.26	35	6.73	21.9	1219	>1000	2.55	-54	"
	6								
	7								
	8								
	9								
	10								
Sample Information:									
	S1								
	S2								

6665

Well No.			Diameter (inches):			Sample Date / Time:			
Product Depth (fbTOR):			Water Column (ft):			DTW when sampled:			
DTW (static) (fbTOR):			One Well Volume (gal):			Purpose: ☐ Development ☐ Sample ☐ Purge & Sample			
Total Depth (fbTOR):			Total Volume Purged (gal):			Purge Method:			
Time	Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
	0 Initial								
	1								
	2								
	3								
	4								
	5								
	6								
	7								
	8								
	9								
	10								
Sample Information:									
	S1								
	S2								

REMARKS: Skimmed ~1/8 gal Product oil blobs from top of WP. Development

Note: All water level measurements are in feet, distance from top of riser.

Volume Calculation

Diam.	Vol. (g/ft)
1"	0.041
2"	0.163
4"	0.653
6"	1.469

Stabilization Criteria

Parameter	Criteria
pH	± 0.1 unit
SC	± 3%
Turbidity	± 10%
DO	± 0.3 mg/L
ORP	± 10 mV

PREPARED BY:

GROUNDWATER FIELD FORM

Project Name: Olean Redevelopment Parcel 1 (ORP-1) Date:

Location: Olean, NY Project No.: 4357.0001B000 Field Team:

Well No.	W31		Diameter (inches):	2"		Sample Date / Time:	8/1/24 @ 1:23 pm		
Product Depth (fbTOR):			Water Column (ft):	6.15		DTW when sampled:	20.81		
DTW (static) (fbTOR):	20.79'		One Well Volume (gal):	1.00		Purpose: ☐ Development ☐ Sample ☒ Purge & Sample			
Total Depth (fbTOR):	26.94'		Total Volume Purged (gal):	6.25		Purge Method:	Low Flow pump		

Time	Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
12:57	0 Initial	0.0	8.62	19.4	997.9	>1000	.87	-86	turbid/no odor
1:00	1 20.87	1.00	7.28	17.0	946.6	>1000	1.04	-66	turbid/no odor
1:04	2 20.83	2.00	7.03	16.4	945.6	428	1.29	-70	turbid/no odor
1:06	3 20.83	2.75	7.32	16.4	927.7	228	.95	-74	SL turbid/no odor
1:09	4 20.84	3.50	7.06	15.1	931.2	153	.98	-65	SL turbid/no odor
1:12	5 20.85	4.25	6.91	15.8	919.9	206	.96	-60	SL turbid/no odor
1:15	6 20.85	5.00	6.87	15.1	921.9	115	1.06	-60	SL turbid/no odor
	7								
	8								
	9								
	10								
Sample Information:									
1:20	S1 20.81	5.50	6.87	15.2	927.9	199	1.27	-52	SL turbid/no odor
1:27	S2 20.81	6.25	6.87	15.4	928.7	114	1.01	-49	SL turbid/no odor

Well No.	W26		Diameter (inches):	4"		Sample Date / Time:	7/31/24 @		
Product Depth (fbTOR):	—		Water Column (ft):	5.99		DTW when sampled:	20.71		
DTW (static) (fbTOR):	20.06'		One Well Volume (gal):	3.91		Purpose: ☐ Development ☐ Sample ☒ Purge & Sample			
Total Depth (fbTOR):	26.05'		Total Volume Purged (gal):	15.00		Purge Method:	low flow pump		

Time	Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
1526	0 Initial	0.00	7.52	17.9	1179	133	1.23	-144	Slightly turbid, no odor
1528	1 21.37	5.00	6.81	17.40	1215	>1000	0.53	-117	Turbid, slight odor
1533	2 20.83	7.00	6.72	16.50	1190	>1000	0.44	-114	"
1539	3 20.71	8.50	6.70	14.80	1165	>1000	0.39	-110	"
1542	4 20.67	10.00	6.69	15.20	1142	>1000	0.40	-109	"
[illegible]	5	[illegible]			[illegible]			[illegible]	
	6								
	7								
	8								
	9								
	10								
Sample Information:									
1547	S1 20.71	12.5	6.60	17.4	1255	>1000	.45	-108	Slightly
1557	S2 20.83	15.00	6.63	17.20	1303	166	.71	-85	clear, little odor

more clear / slight odor

REMARKS:

Note: All water level measurements are in feet, distance from top of riser.

Volume Calculation

Diam.	Vol. (g/ft)
1"	0.041
2"	0.163
4"	0.653
6"	1.469

Stabilization Criteria

Parameter	Criteria
pH	± 0.1 unit
SC	± 3%
Turbidity	± 10%
DO	± 0.3 mg/L
ORP	± 10 mV

PREPARED BY:

ROUX

GROUNDWATER FIELD FORM

Project Name: Olean Redevelopment Parcel 1 (ORP-1) Date:

Location: Olean, NY Project No.: 4357.0001B000 Field Team:

Well No. W5			Diameter (inches): 4"			Sample Date / Time: 7/31/24 @ 2:15pm			
Product Depth (fbTOR): 24.43'			Water Column (ft): 6.26			DTW when sampled: 25.71			
DTW (static) (fbTOR): 24.49'			One Well Volume (gal): 4.09			Purpose: ☐ Development ☐ Sample ☒ Purge & Sample			
Total Depth (fbTOR): 30.75			Total Volume Purged (gal): 15.00			Purge Method: Low Flow Pump			
Time	Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
1:52	0 Initial	0.0	8.02	17.7	1049	71000	1.01	-131	Turbid/no odor
1:55	1 25.81	4.00	6.80	15.7	1060	72	.93	-68	Clear/no odor
2:00	2 25.60	6.00	6.58	15.4	1069	64	.73	-64	Clear/no odor
2:03	3 25.65	8.00	6.50	14.1	1085	42	.94	-59	Clear/no odor
2:08	4 25.67	11.00	6.48	14.6	1090	45	.80	-58	Clear/no odor
	5								
	6								
	7								
	8								
	9								
	10								
Sample Information:									
2:11	S1 25.71	13.00	6.44	14.9	1101	44	.74	-56	Clear/no odor
2:20	S2 26.03	15.00	6.44	14.1	1093	43	.77	-56	Clear/no odor

Well No. W32			Diameter (inches): 4"			Sample Date / Time: 8/1/24 @ 12:15 PM			
Product Depth (fbTOR):			Water Column (ft): 10.60			DTW when sampled: 25.87			
DTW (static) (fbTOR): 20.79'			One Well Volume (gal): 6.9			Purpose: ☐ Development ☐ Sample ☐ Purge & Sample			
Total Depth (fbTOR): 31.39'			Total Volume Purged (gal): 10.00			Purge Method: Low Flow Pump			
Time	Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
11:52	0 Initial	0.00	6.66	19.0	1188	21000	.71	-72	Turbid no odor
11:55	1 23.84	2.00	6.67	18.1	1190	21000	.74	-73	"
12:00	2 24.27	3.5	6.56	18.3	1198	>1000	1.05	-71	"
12:06	3 25.28	5.0	6.52	18.0	1201	~~>1000~~ 390	1.06	-69	Less turbid, no odor
	4 [redacted]								
	5								
	6								
	7								
	8								
	9								
	10								
Sample Information:									
12:10	S1 25.87	7.5	6.48	17.6	1152	485	1.27	-66	"
12:20	S2 26.11	9.00	6.48	18.8	1175	>1000	1.36	-64	Slightly more turbid, no odor

REMARKS: MS/MSD done WS 2:15pm

Note: All water level measurements are in feet, distance from top of riser.

Volume Calculation

Diam.	Vol. (g/ft)
1"	0.041
2"	0.163
4"	0.653
6"	1.469

Stabilization Criteria

Parameter	Criteria
pH	± 0.1 unit
SC	± 3%
Turbidity	± 10%
DO	± 0.3 mg/L
ORP	± 10 mV

PREPARED BY:

ROUX

GROUNDWATER FIELD FORM

Project Name: Olean Redevelopment Parcel 1 (ORP-1) Date: 7/26/2024

Location: Olean, NY Project No.: 4357.0001B000 Field Team: CMC/Terry TLD

Well No. W3 | Diameter (inches): 4" | Sample Date / Time: 8/1/24 @ 2:00

Product Depth (fbTOR): | Water Column (ft): 10.16 | DTW when sampled: 17.29

DTW (static) (fbTOR): 17.22 | One Well Volume (gal): 6.63 | Purpose: ☐ Development ☐ Sample ☒ Purge & Sample

Total Depth (fbTOR): 27.38 | Total Volume Purged (gal): 18.00 | Purge Method: Low Flow Pump

Time		Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
1:46	0	Initial	0.0	7.69	16.9	861.4	208	1.46	-100	Turbid / Sulfur
1:43	1	17.47	1.00	7.04	15.2	801.4	73	.89	-102	Turbid / Sulfur
1:46	2	17.35	2.00	7.04	15.9	824.8	59	1.59	-85	Clear / no odor
1:49	3	17.32	2.75	6.89	15.4	785.1	49	1.33	-78	Clear / no odor
1:52	4	17.27	3.75	6.94	14.8	812.3	51	1.19	-74	Clear / no odor
1:55	5	17.28	4.75	6.96	14.3	781.1	47	1.39	-69	Clear / no odor
	6									
	7									
	8									
	9									
	10									
Sample Information:										
1:58	S1	17.29	5.50	6.89	14.2	801.3	46	1.28	-70	Clear / no odor
2:04	S2	17.33	7.50	6.87	14.1	793.6	46	1.13	-70	Clear / no odor

Well No. W7A | Diameter (inches): 2" | Sample Date / Time: 8-2-24

Product Depth (fbTOR): | Water Column (ft): | DTW when sampled:

DTW (static) (fbTOR): 18.06 | One Well Volume (gal): | Purpose: ☐ Development ☐ Sample ☒ Purge & Sample

Total Depth (fbTOR): 30.87 | Total Volume Purged (gal): | Purge Method: Low Flow

Time		Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
1019	0	Initial	0.00	7.91	17	1335	>100	0.52	-121	Gray / odor Sheen
1020	1	18.41	1	7.70	15.4	1142	>100	0.67	-121	cloudy / odor
1026	2	18.41	1.25	7.53	15	1128	225	0.92	-114	cloudy
1030	3	18.41	2.25	7.53	14.9	1133	251	0.74	-111	cloudy
	4									
	5									
	6									
	7									
	8									
	9									
	10									
Sample Information:										
1032	S1	18.41	3	7.50	15.6	1137	141	0.82	-104	cloudy
1037	S2	18.39	5.5	7.46	15.6	1138	130	0.85	-114	cloudy

REMARKS: BD done W3 8:00am

Note: All water level measurements are in feet, distance from top of riser.

Volume Calculation

Diam.	Vol. (g/ft)
1"	0.041
2"	0.163
4"	0.653
6"	1.469

Stabilization Criteria

Parameter	Criteria
pH	± 0.1 unit
SC	± 3%
Turbidity	± 10%
DO	± 0.3 mg/L
ORP	± 10 mV

PREPARED BY:

ROUX

GROUNDWATER FIELD FORM

Project Name: ~~Solean West~~ (Olean Gateway ~~Parcel 2~~) ORP #1 Parcel-1 Date: 8/2/24

Location: Olean, NY Project No.: 4387.0001B000 Field Team: ~~MTE & TSB~~ RLD/TSB

Well No. W30			Diameter (inches): 2			Sample Date / Time: 8/2/24			
Product Depth (fbTOR):			Water Column (ft):			DTW when sampled:			
DTW (static) (fbTOR): 19.1			One Well Volume (gal):			Purpose: ☐ Development ☐ Sample ☑ Purge & Sample			
Total Depth (fbTOR): 29.42			Total Volume Purged (gal):			Purge Method:			
Time	Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
1059	0 Initial	1 gal	7.79	18	807	112	2.03	-35	Cloudy
1103	1 19.19		7.62	17.6	981	36	2.03	-40	Clear
1104	2 19.18	3	7.62	17.3	1067	37	2.26	-50	clear
	3								
	4								
	5								
	6								
	7								
	8								
	9								
	10								
Sample Information:									
1112	S1 19.23	3	7.47	18.2	1044	33		-51	Clear
1115	S2 19.23	3.10	7.41	18.3	1043	31		-50	" "

Well No. W4			Diameter (inches): 4			Sample Date / Time: 8/2/24			
Product Depth (fbTOR):			Water Column (ft):			DTW when sampled:			
DTW (static) (fbTOR): 12.82			One Well Volume (gal):			Purpose: ☐ Development ☐ Sample ☑ Purge & Sample			
Total Depth (fbTOR): 27.07			Total Volume Purged (gal):			Purge Method:			
Time	Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
1228	0 Initial	—	8.34	18.1	985	>1000	0.63	-51	turbid
1232	1 19.19	2.50	7.69	16.6	957	~~>1000~~	0.64	-108	turbid
1235	2 19.24	4	7.44	16.2	986	232	0.79	-156	
1238	3 19.23	4.50	7.43	15.7	987	206		-155	" "
	4								
	5								
	6								
	7								
	8								
	9								
	10								
1240 **Sample Information:** 19.25									
	S1	5	7.11	14.4	1008	198	0.68	-152	" "
	S2		7.40	14.6	1107	201	0.68	-148	" "

} Odor sheen

REMARKS: W-4-SS2 Filtered w Field

Note: All water level measurements are in feet, distance from top of riser.

Volume Calculation

Diam.	Vol. (g/ft)
1"	0.041
2"	0.163
4"	0.653
6"	1.469

Stabilization Criteria

Parameter	Criteria
pH	± 0.1 unit
SC	± 3%
Turbidity	± 10%
DO	± 0.3 mg/L
ORP	± 10 mV

PREPARED BY: RLD

Groundwater Field Form-Roux.xls
GWFF - BM

ANALYTICAL REPORT

Lab Number:	L2443777
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Charlotte Clark
Phone:	(716) 856-0599
Project Name:	OLEAN GATEWAY-PARCEL-1
Project Number:	4387.0001B000
Report Date:	04/15/25

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: OLEAN GATEWAY-PARCEL-1
Project Number: 4387.0001B000

Lab Number: L2443777
Report Date: 04/15/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2443777-01	W-30	WATER	OLEAN NY	08/02/24 11:12	08/02/24
L2443777-02	W-4	WATER	OLEAN NY	08/02/24 12:40	08/02/24
L2443777-03	W-27	WATER	OLEAN NY	07/31/24 15:07	08/02/24
L2443777-04	W-9	WATER	OLEAN NY	08/01/24 11:25	08/02/24
L2443777-05	W-31	WATER	OLEAN NY	08/01/24 13:23	08/02/24
L2443777-06	W-26	WATER	OLEAN NY	07/31/24 15:48	08/02/24
L2443777-07	W-5	WATER	OLEAN NY	07/31/24 14:15	08/02/24
L2443777-08	W-32	WATER	OLEAN NY	08/01/24 12:15	08/02/24
L2443777-09	W-3	WATER	OLEAN NY	08/01/24 14:00	08/02/24
L2443777-10	W-7A	WATER	OLEAN NY	08/02/24 10:32	08/02/24
L2443777-11	BLIND DUP	WATER	OLEAN NY	08/01/24 08:00	08/02/24
L2443777-12	TRIP BLANK	WATER	OLEAN NY	08/02/24 10:00	08/02/24

Project Name:	OLEAN GATEWAY-PARCEL-1	**Lab Number:**	L2443777
Project Number:	4387.0001B000	**Report Date:**	04/15/25

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:	OLEAN GATEWAY-PARCEL-1	**Lab Number:**	L2443777
Project Number:	4387.0001B000	**Report Date:**	04/15/25

Case Narrative (continued)

Report Revision

April 15, 2025: The Volatile Organics and Semivolatile Organics analyte lists have been amended.

Report Submission

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

Sample Receipt

L2443777-03: The collection date and time on the chain of custody was 31-JUL-24 15:04; however, the collection date/time on the container label was 31-JUL-24 15:07. At the client's request, the collection date/time is reported as 31-JUL-24 15:07.

L2443777-04: The collection date and time on the chain of custody was 01-AUG-24 11:23; however, the collection date/time on the container label was 01-AUG-24 11:25. At the client's request, the collection date/time is reported as 01-AUG-24 11:25.

L2443777-05: The collection date and time on the chain of custody was 01-AUG-24 13:20; however, the collection date/time on the container label was 01-AUG-24 13:23. At the client's request, the collection date/time is reported as 01-AUG-24 13:23.

L2443777-06: The collection date and time on the chain of custody was 31-JUL-24 15:43; however, the collection date/time on the container label was 31-JUL-24 15:48. At the client's request, the collection date/time is reported as 31-JUL-24 15:48.

L2443777-07: The collection date and time on the chain of custody was 31-JUL-24 14:11; however, the collection date/time on the container label was 31-JUL-24 14:15. At the client's request, the collection date/time is reported as 31-JUL-24 14:15.

L2443777-08: The collection date and time on the chain of custody was 01-AUG-24 12:10; however, the collection date/time on the container label was 01-AUG-24 12:15. At the client's request, the collection date/time is reported as 01-AUG-24 12:15.

L2443777-09: The collection date and time on the chain of custody was 01-AUG-24 13:58; however, the

Project Name:	OLEAN GATEWAY-PARCEL-1	**Lab Number:**	L2443777
Project Number:	4387.0001B000	**Report Date:**	04/15/25

Case Narrative (continued)

collection date/time on the container label was 01-AUG-24 14:00. At the client's request, the collection date/time is reported as 01-AUG-24 14:00.
L2443777-11: The collection date and time on the chain of custody was 01-AUG-24 12:00; however, the collection date/time on the container label was 01-AUG-24 08:00. At the client's request, the collection date/time is reported as 01-AUG-24 08:00.

Semivolatile Organics
L2443777-03: The surrogate recoveries were outside the acceptance criteria for 2-fluorophenol (0%), phenol-d6 (5%) and 2,4,6-tribromophenol (0%); however, re-extraction outside of holding time achieved a similar result: 2-fluorophenol (9%). The results of both extractions are reported; however, all associated compounds are considered to have a potential bias.
L2443777-11: The surrogate recoveries were outside the acceptance criteria for 2-fluorophenol (3%), phenol-d6 (7%) and 2,4,6-tribromophenol (6%); however, the criteria were achieved upon re-extraction outside of holding time. The results of both extractions are reported; however, all associated compounds are considered to have a potential bias.
The WG1956969-3 LCSD recoveries, associated with L2443777-04, -05, -09, and -11, were outside the acceptance criteria for individual target compounds; however, the criteria were achieved upon re-extraction outside of holding time. The results of both extractions are reported; however, all results are considered to have a potentially low bias for 4-chlorophenyl phenyl ether (39%), hexachlorocyclopentadiene (12%), and biphenyl (30%).
The WG1956631-4/-5 MS/MSD recoveries, performed on L2443777-07, are below the acceptance criteria for 2,4-dinitrophenol (0%/0%) and caprolactam (0%/0%) due to the concentrations of these compounds in the MS/MSD falling below the reported detection limits.

Semivolatile Organics by SIM
L2443777-03: The surrogate recoveries were outside the acceptance criteria for 2-fluorophenol (1%), phenol-d6 (8%) and 2,4,6-tribromophenol (2%); however, the criteria were achieved upon re-extraction outside of

Project Name:	OLEAN GATEWAY-PARCEL-1	**Lab Number:**	L2443777
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Case Narrative (continued)

holding time. The results of both extractions are reported; however, all associated compounds are considered to have a potential bias.

L2443777-11: The surrogate recoveries were outside the acceptance criteria for 2-fluorophenol (4%), phenol-d6 (8%) and 2,4,6-tribromophenol (9%); however, the criteria were achieved upon re-extraction outside of holding time. The results of both extractions are reported; however, all associated compounds are considered to have a potential bias.

The WG1956970-3 LCSD recoveries, associated with L2443777-04, -05, -09, and -11, were outside the acceptance criteria for individual target compounds; however, the criteria were achieved upon re-extraction outside of holding time. The results of both extractions are reported; however, all results are considered to have a potentially low bias for acenaphthene (33%), 2-chloronaphthalene (27%), hexachlorobutadiene (11%), naphthalene (25%), acenaphthylene (39%), 2-methylnaphthalene (25%) and hexachloroethane (14%).

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

Authorized Signature: Cristin Walker

Title: Technical Director/Representative Date: 04/15/25

ORGANICS

VOLATILES

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-01
Client ID: W-30
Sample Location: OLEAN NY

Date Collected: 08/02/24 11:12
Date Received: 08/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/08/24 11:14
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	2.3	J	ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
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
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-01 Date Collected: 08/02/24 11:12

Client ID: W-30 Date Received: 08/02/24

Sample Location: OLEAN NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
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
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	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
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
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	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
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	0.47	J	ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	1.0	J	ug/l	10	0.40	1

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-01 Date Collected: 08/02/24 11:12

Client ID: W-30 Date Received: 08/02/24

Sample Location: OLEAN NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	15.9	J	ug/l			1
Unknown	1.54	J	ug/l			1
Unknown Cycloalkane	1.16	J	ug/l			1
Unknown	1.41	J	ug/l			1
Unknown	1.50	J	ug/l			1
Unknown Cyclohexane	1.20	J	ug/l			1
Cyclohexane, 1,1-dimethyl-	4.10	NJ	ug/l			1
Unknown	1.29	J	ug/l			1
Pentane, 2,3-dimethyl-	1.38	NJ	ug/l			1
Unknown	2.30	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	104		70-130

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-02
Client ID: W-4
Sample Location: OLEAN NY

Date Collected: 08/02/24 12:40
Date Received: 08/02/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/08/24 11:38
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	3.2		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
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
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	1.1	J	ug/l	2.5	0.70	1

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-02 Date Collected: 08/02/24 12:40

Client ID: W-4 Date Received: 08/02/24

Sample Location: OLEAN NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	0.74	J	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
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	5.3		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
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
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	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
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	13		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	12		ug/l	10	0.40	1

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-02 Date Collected: 08/02/24 12:40

Client ID: W-4 Date Received: 08/02/24

Sample Location: OLEAN NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	30.4	J	ug/l			1
Unknown Cyclohexane	3.36	J	ug/l			1
Unknown Benzene	3.65	J	ug/l			1
Cyclopentane, Methyl-	3.77	NJ	ug/l			1
Unknown	2.19	J	ug/l			1
Unknown	2.08	J	ug/l			1
Indane	2.01	NJ	ug/l			1
Cyclohexane, 1,1-dimethyl-	2.09	NJ	ug/l			1
Unknown Benzene	3.66	J	ug/l			1
Butane, 2-Methyl-	5.77	NJ	ug/l			1
Unknown Benzene	1.86	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	103		70-130

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-03
Client ID: W-27
Sample Location: OLEAN NY

Date Collected: 07/31/24 15:07
Date Received: 08/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/08/24 12:01
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
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	1.1		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
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-03 Date Collected: 07/31/24 15:07

Client ID: W-27 Date Received: 08/02/24

Sample Location: OLEAN NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
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
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	7.4		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
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
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	3.2		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
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	1.0	J	ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-03 Date Collected: 07/31/24 15:07

Client ID: W-27 Date Received: 08/02/24

Sample Location: OLEAN NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	21.7	J	ug/l			1
Unknown Benzene	4.40	J	ug/l			1
Unknown Benzene	1.78	J	ug/l			1
Butane, 2-Methyl-	4.72	NJ	ug/l			1
Unknown	1.15	J	ug/l			1
Unknown Benzene	1.21	J	ug/l			1
Unknown Benzene	2.12	J	ug/l			1
Unknown	1.35	J	ug/l			1
Unknown Aromatic	1.61	J	ug/l			1
Unknown Cyclohexane	2.11	J	ug/l			1
Unknown	1.27	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	106		70-130

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-04
Client ID: W-9
Sample Location: OLEAN NY

Date Collected: 08/01/24 11:25
Date Received: 08/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/08/24 12:25
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
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
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-04 Date Collected: 08/01/24 11:25

Client ID: W-9 Date Received: 08/02/24

Sample Location: OLEAN NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
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	2.3	J	ug/l	2.5	0.70	1
o-Xylene	23		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	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
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
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	16		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
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	280	E	ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	220	E	ug/l	10	0.40	1

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-04 Date Collected: 08/01/24 11:25

Client ID: W-9 Date Received: 08/02/24

Sample Location: OLEAN NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	254	J	ug/l			1
Pentane, 3-methyl-	21.7	NJ	ug/l			1
Unknown Cyclohexane	18.9	J	ug/l			1
Unknown Cycloalkane	19.3	J	ug/l			1
Unknown Cycloalkene	9.28	J	ug/l			1
Unknown Cycloalkane	23.0	J	ug/l			1
Cyclohexane, 1,1-dimethyl-	6.85	NJ	ug/l			1
Cyclopentane, Methyl-	91.1	NJ	ug/l			1
Unknown	41.2	J	ug/l			1
Cyclohexane, ethyl-	8.34	NJ	ug/l			1
Unknown	14.8	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	97		70-130

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-04 D
Client ID: W-9
Sample Location: OLEAN NY

Date Collected: 08/01/24 11:25
Date Received: 08/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/09/24 09:26
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Cyclohexane	280		ug/l	50	1.4	5
Methyl cyclohexane	210		ug/l	50	2.0	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	99		70-130

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-05
Client ID: W-31
Sample Location: OLEAN NY

Date Collected: 08/01/24 13:23
Date Received: 08/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/08/24 12:49
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
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
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-05 Date Collected: 08/01/24 13:23

Client ID: W-31 Date Received: 08/02/24

Sample Location: OLEAN NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
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
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	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
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
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	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
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	2.6	J	ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	24		ug/l	10	0.40	1

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-05 Date Collected: 08/01/24 13:23

Client ID: W-31 Date Received: 08/02/24

Sample Location: OLEAN NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	56.3	J	ug/l			1
Unknown Benzene	5.30	J	ug/l			1
Unknown Aromatic	3.06	J	ug/l			1
Unknown Benzene	4.26	J	ug/l			1
Unknown Cycloalkane	6.43	J	ug/l			1
Unknown Benzene	4.59	J	ug/l			1
Unknown	6.67	J	ug/l			1
Unknown Cycloalkane	5.45	J	ug/l			1
Cyclohexane, 1,1-dimethyl-	5.30	NJ	ug/l			1
Unknown Cyclohexane	10.4	J	ug/l			1
Unknown Cyclohexane	4.80	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	99		70-130

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-06
Client ID: W-26
Sample Location: OLEAN NY

Date Collected: 07/31/24 15:48
Date Received: 08/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/08/24 13:13
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
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	9.0		ug/l	0.50	0.16	1
Toluene	2.6		ug/l	2.5	0.70	1
Ethylbenzene	1.8	J	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
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-06 Date Collected: 07/31/24 15:48

Client ID: W-26 Date Received: 08/02/24

Sample Location: OLEAN NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
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	8.0		ug/l	2.5	0.70	1
o-Xylene	12		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	3.6	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
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
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	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
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	8.3	J	ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	7.8	J	ug/l	10	0.40	1

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-06 Date Collected: 07/31/24 15:48

Client ID: W-26 Date Received: 08/02/24

Sample Location: OLEAN NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	14.4	J	ug/l			1
Cyclopentane, Methyl-	2.74	NJ	ug/l			1
Unknown Cyclohexane	1.50	J	ug/l			1
1-Pentene	2.24	NJ	ug/l			1
Unknown Benzene	1.07	J	ug/l			1
Unknown Benzene	1.00	J	ug/l			1
Pentane	1.81	NJ	ug/l			1
Unknown	1.26	J	ug/l			1
Unknown Benzene	1.58	J	ug/l			1
Unknown	1.17	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	100		70-130

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-07
Client ID: W-5
Sample Location: OLEAN NY

Date Collected: 07/31/24 14:15
Date Received: 08/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/08/24 13:37
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
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	4.3		ug/l	0.50	0.16	1
Toluene	1.7	J	ug/l	2.5	0.70	1
Ethylbenzene	2.5		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
Trichloroethene	0.28	J	ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-07 Date Collected: 07/31/24 14:15

Client ID: W-5 Date Received: 08/02/24

Sample Location: OLEAN NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
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	11		ug/l	2.5	0.70	1
o-Xylene	8.7		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	22		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	14		ug/l	5.0	1.9	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
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	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
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	4.8	J	ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	5.9	J	ug/l	10	0.40	1

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-07 Date Collected: 07/31/24 14:15

Client ID: W-5 Date Received: 08/02/24

Sample Location: OLEAN NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	21.3	J	ug/l			1
Unknown	2.21	J	ug/l			1
Unknown Cycloalkane	1.84	J	ug/l			1
Unknown Benzene	3.67	J	ug/l			1
Unknown	2.59	J	ug/l			1
Diethyl Sulfide	2.62	NJ	ug/l			1
Unknown	1.83	J	ug/l			1
Unknown Benzene	1.97	J	ug/l			1
Unknown Benzene	1.50	J	ug/l			1
Unknown	1.68	J	ug/l			1
Unknown Benzene	1.39	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	101		70-130

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-09
Client ID: W-3
Sample Location: OLEAN NY

Date Collected: 08/01/24 14:00
Date Received: 08/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/08/24 14:01
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	1.2	J	ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	10		ug/l	0.50	0.16	1
Toluene	0.84	J	ug/l	2.5	0.70	1
Ethylbenzene	2.0	J	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
Trichloroethene	0.18	J	ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-09 Date Collected: 08/01/24 14:00

Client ID: W-3 Date Received: 08/02/24

Sample Location: OLEAN NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
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	5.7		ug/l	2.5	0.70	1
o-Xylene	9.9		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	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
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
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	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
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	11		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	6.3	J	ug/l	10	0.40	1

Tentatively Identified Compounds						
Total TIC Compounds	6.55	J	ug/l			1
Cyclopentane, Methyl-	3.81	NJ	ug/l			1
1-Hexanol, 2-ethyl-	2.74	NJ	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	101		70-130

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-10
Client ID: W-7A
Sample Location: OLEAN NY

Date Collected: 08/02/24 10:32
Date Received: 08/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/08/24 14:24
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	9.6		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
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
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-10 Date Collected: 08/02/24 10:32

Client ID: W-7A Date Received: 08/02/24

Sample Location: OLEAN NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	3.1		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
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	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
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
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	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
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	0.56	J	ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	3.0	J	ug/l	10	0.40	1

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-10 Date Collected: 08/02/24 10:32

Client ID: W-7A Date Received: 08/02/24

Sample Location: OLEAN NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	39.4	J	ug/l			1
Unknown Cyclohexane	2.77	J	ug/l			1
Cyclohexane, 1,1-dimethyl-	6.11	NJ	ug/l			1
Unknown Cyclohexane	3.52	J	ug/l			1
Unknown	2.58	J	ug/l			1
Unknown Benzene	1.97	J	ug/l			1
Unknown Benzene	2.33	J	ug/l			1
Unknown Cycloalkane	5.06	J	ug/l			1
Cyclopentane, 1,2,4-trimethyl-	4.61	NJ	ug/l			1
Cyclopentane, 1,3-dimethyl-	6.31	NJ	ug/l			1
Pentane, 2,3-dimethyl-	4.17	NJ	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	99		70-130

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-11
Client ID: BLIND DUP
Sample Location: OLEAN NY

Date Collected: 08/01/24 08:00
Date Received: 08/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/08/24 14:48
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	1.3	J	ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	9.4		ug/l	0.50	0.16	1
Toluene	0.76	J	ug/l	2.5	0.70	1
Ethylbenzene	1.7	J	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
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-11 Date Collected: 08/01/24 08:00

Client ID: BLIND DUP Date Received: 08/02/24

Sample Location: OLEAN NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
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	4.7		ug/l	2.5	0.70	1
o-Xylene	8.3		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	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
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
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	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
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	8.8	J	ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	5.2	J	ug/l	10	0.40	1

Tentatively Identified Compounds

Total TIC Compounds	7.24	J	ug/l			1
Cyclopentane, Methyl-	3.18	NJ	ug/l			1
1-Hexanol, 2-ethyl-	4.06	NJ	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	102		70-130

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-12
Client ID: TRIP BLANK
Sample Location: OLEAN NY

Date Collected: 08/02/24 10:00
Date Received: 08/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/08/24 15:12
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
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
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-12 Date Collected: 08/02/24 10:00

Client ID: TRIP BLANK Date Received: 08/02/24

Sample Location: OLEAN NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
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
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	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
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
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	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
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Tentatively Identified Compounds						
Total TIC Compounds	1.44	J	ug/l			1
Unknown	1.44	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	106		70-130

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/08/24 09:32
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07,09-12 Batch: WG1957229-5					
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
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
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

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/08/24 09:32
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07,09-12 Batch: WG1957229-5					
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
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
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
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	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
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Tentatively Identified Compounds			
Total TIC Compounds	1.34	J	ug/l
Unknown	1.34	J	ug/l

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/08/24 09:32
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07,09-12 Batch: WG1957229-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	103		70-130

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/09/24 08:12
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG1957411-5					
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
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
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

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/09/24 08:12
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG1957411-5					
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
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
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
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	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
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/09/24 08:12
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG1957411-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	105		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: OLEAN GATEWAY-PARCEL-1
Project Number: 4387.0001B000

Lab Number: L2443777
Report Date: 04/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07,09-12 Batch: WG1957229-3 WG1957229-4								
Methylene chloride	92		95		70-130	3		20
1,1-Dichloroethane	100		100		70-130	0		20
Chloroform	98		98		70-130	0		20
Carbon tetrachloride	100		110		63-132	10		20
1,2-Dichloropropane	96		99		70-130	3		20
Dibromochloromethane	97		100		63-130	3		20
1,1,2-Trichloroethane	94		100		70-130	6		20
Tetrachloroethene	110		110		70-130	0		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	110		97		62-150	13		20
1,2-Dichloroethane	100		110		70-130	10		20
1,1,1-Trichloroethane	100		97		67-130	3		20
Bromodichloromethane	95		100		67-130	5		20
trans-1,3-Dichloropropene	92		98		70-130	6		20
cis-1,3-Dichloropropene	92		100		70-130	8		20
Bromoform	89		98		54-136	10		20
1,1,2,2-Tetrachloroethane	91		100		67-130	9		20
Benzene	98		100		70-130	2		20
Toluene	97		99		70-130	2		20
Ethylbenzene	96		97		70-130	1		20
Chloromethane	88		91		64-130	3		20
Bromomethane	69		82		39-139	17		20
Vinyl chloride	100		100		55-140	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: OLEAN GATEWAY-PARCEL-1
Project Number: 4387.0001B000

Lab Number: L2443777
Report Date: 04/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07,09-12 Batch: WG1957229-3 WG1957229-4								
Chloroethane	120		**140**	Q	55-138	15		20
1,1-Dichloroethene	99		99		61-145	0		20
trans-1,2-Dichloroethene	100		96		70-130	4		20
Trichloroethene	95		95		70-130	0		20
1,2-Dichlorobenzene	98		100		70-130	2		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	83		93		63-130	11		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	100		95		70-130	5		20
cis-1,2-Dichloroethene	97		100		70-130	3		20
Styrene	100		95		70-130	5		20
Dichlorodifluoromethane	99		91		36-147	8		20
Acetone	75		87		58-148	15		20
Carbon disulfide	100		99		51-130	1		20
2-Butanone	80		120		63-138	**40**	Q	20
4-Methyl-2-pentanone	80		97		59-130	19		20
2-Hexanone	77		92		57-130	18		20
Bromochloromethane	98		110		70-130	12		20
1,2-Dibromoethane	93		99		70-130	6		20
1,2-Dibromo-3-chloropropane	83		96		41-144	15		20
Isopropylbenzene	94		94		70-130	0		20
1,2,3-Trichlorobenzene	94		110		70-130	16		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: OLEAN GATEWAY-PARCEL-1
Project Number: 4387.0001B000

Lab Number: L2443777
Report Date: 04/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07,09-12 Batch: WG1957229-3 WG1957229-4								
1,2,4-Trichlorobenzene	99		110		70-130	11		20
Methyl Acetate	76		87		70-130	13		20
Cyclohexane	100		94		70-130	6		20
1,4-Dioxane	78		102		56-162	**27**	Q	20
Freon-113	110		100		70-130	10		20
Methyl cyclohexane	100		92		70-130	8		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	104		105		70-130
Toluene-d8	99		97		70-130
4-Bromofluorobenzene	90		88		70-130
Dibromofluoromethane	101		102		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: OLEAN GATEWAY-PARCEL-1
Project Number: 4387.0001B000

Lab Number: L2443777
Report Date: 04/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG1957411-3 WG1957411-4								
Methylene chloride	99		91		70-130	8		20
1,1-Dichloroethane	110		97		70-130	13		20
Chloroform	100		97		70-130	3		20
Carbon tetrachloride	120		110		63-132	9		20
1,2-Dichloropropane	95		98		70-130	3		20
Dibromochloromethane	87		87		63-130	0		20
1,1,2-Trichloroethane	83		86		70-130	4		20
Tetrachloroethene	110		110		70-130	0		20
Chlorobenzene	100		99		75-130	1		20
Trichlorofluoromethane	120		100		62-150	18		20
1,2-Dichloroethane	99		93		70-130	6		20
1,1,1-Trichloroethane	110		100		67-130	10		20
Bromodichloromethane	100		95		67-130	5		20
trans-1,3-Dichloropropene	78		79		70-130	1		20
cis-1,3-Dichloropropene	100		96		70-130	4		20
Bromoform	90		89		54-136	1		20
1,1,2,2-Tetrachloroethane	84		86		67-130	2		20
Benzene	97		100		70-130	3		20
Toluene	98		95		70-130	3		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	110		97		64-130	13		20
Bromomethane	83		78		39-139	6		20
Vinyl chloride	110		100		55-140	10		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: OLEAN GATEWAY-PARCEL-1
Project Number: 4387.0001B000

Lab Number: L2443777
Report Date: 04/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG1957411-3 WG1957411-4								
Chloroethane	110		98		55-138	12		20
1,1-Dichloroethene	120		100		61-145	18		20
trans-1,2-Dichloroethene	110		100		70-130	10		20
Trichloroethene	100		99		70-130	1		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	89		93		63-130	4		20
p/m-Xylene	105		100		70-130	5		20
o-Xylene	105		100		70-130	5		20
cis-1,2-Dichloroethene	110		99		70-130	11		20
Styrene	105		100		70-130	5		20
Dichlorodifluoromethane	100		91		36-147	9		20
Acetone	99		90		58-148	10		20
Carbon disulfide	110		99		51-130	11		20
2-Butanone	85		98		63-138	14		20
4-Methyl-2-pentanone	73		81		59-130	10		20
2-Hexanone	76		82		57-130	8		20
Bromochloromethane	120		110		70-130	9		20
1,2-Dibromoethane	92		93		70-130	1		20
1,2-Dibromo-3-chloropropane	86		88		41-144	2		20
Isopropylbenzene	100		100		70-130	0		20
1,2,3-Trichlorobenzene	100		100		70-130	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: OLEAN GATEWAY-PARCEL-1
Project Number: 4387.0001B000

Lab Number: L2443777
Report Date: 04/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG1957411-3 WG1957411-4								
1,2,4-Trichlorobenzene	100		100		70-130	0		20
Methyl Acetate	92		91		70-130	1		20
Cyclohexane	110		110		70-130	0		20
1,4-Dioxane	118		106		56-162	11		20
Freon-113	120		110		70-130	9		20
Methyl cyclohexane	100		97		70-130	3		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		96		70-130
Toluene-d8	95		96		70-130
4-Bromofluorobenzene	92		95		70-130
Dibromofluoromethane	108		100		70-130

Matrix Spike Analysis
Batch Quality Control

Project Name: OLEAN GATEWAY-PARCEL-1
Project Number: 4387.0001B000
Lab Number: L2443777
Report Date: 04/15/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07,09-12 QC Batch ID: WG1957229-6 WG1957229-7 QC Sample: L2443777-07 Client ID: W-5												
Methylene chloride	ND	10	8.8	88		8.7	87		70-130	1		20
1,1-Dichloroethane	ND	10	9.3	93		9.5	95		70-130	2		20
Chloroform	ND	10	9.4	94		9.4	94		70-130	0		20
Carbon tetrachloride	ND	10	9.7	97		9.8	98		63-132	1		20
1,2-Dichloropropane	ND	10	9.2	92		9.2	92		70-130	0		20
Dibromochloromethane	ND	10	8.6	86		8.8	88		63-130	2		20
1,1,2-Trichloroethane	ND	10	10	100		10	100		70-130	0		20
Tetrachloroethene	ND	10	9.8	98		10	100		70-130	2		20
Chlorobenzene	ND	10	9.0	90		9.4	94		75-130	4		20
Trichlorofluoromethane	ND	10	9.6	96		9.8	98		62-150	2		20
1,2-Dichloroethane	ND	10	8.9	89		9.2	92		70-130	3		20
1,1,1-Trichloroethane	ND	10	9.4	94		9.6	96		67-130	2		20
Bromodichloromethane	ND	10	8.8	88		8.9	89		67-130	1		20
trans-1,3-Dichloropropene	ND	10	9.0	90		9.2	92		70-130	2		20
cis-1,3-Dichloropropene	ND	10	8.1	81		8.2	82		70-130	1		20
Bromoform	ND	10	8.2	82		8.4	84		54-136	2		20
1,1,2,2-Tetrachloroethane	ND	10	9.0	90		9.1	91		67-130	1		20
Benzene	4.3	10	14	97		14	97		70-130	0		20
Toluene	1.7J	10	11	110		11	110		70-130	0		20
Ethylbenzene	2.5	10	12	95		12	95		70-130	0		20
Chloromethane	ND	10	8.0	80		8.4	84		64-130	5		20
Bromomethane	ND	10	3.2	**32**	Q	3.7	**37**	Q	39-139	14		20
Vinyl chloride	ND	10	10	100		10	100		55-140	0		20

Matrix Spike Analysis
Batch Quality Control

Project Name: OLEAN GATEWAY-PARCEL-1
Project Number: 4387.0001B000
Lab Number: L2443777
Report Date: 04/15/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07,09-12 QC Batch ID: WG1957229-6 WG1957229-7 QC Sample: L2443777-07 Client ID: W-5												
Chloroethane	ND	10	13	130		12	120		55-138	8		20
1,1-Dichloroethene	ND	10	9.4	94		9.9	99		61-145	5		20
trans-1,2-Dichloroethene	ND	10	9.4	94		9.8	98		70-130	4		20
Trichloroethene	0.28J	10	8.8	88		8.9	89		70-130	1		20
1,2-Dichlorobenzene	ND	10	8.9	89		8.9	89		70-130	0		20
1,3-Dichlorobenzene	ND	10	9.0	90		9.0	90		70-130	0		20
1,4-Dichlorobenzene	ND	10	8.9	89		9.2	92		70-130	3		20
Methyl tert butyl ether	ND	10	7.6	76		7.7	77		63-130	1		20
p/m-Xylene	11	20	30	95		31	100		70-130	3		20
o-Xylene	8.7	20	27	92		28	96		70-130	4		20
cis-1,2-Dichloroethene	ND	10	9.4	94		9.3	93		70-130	1		20
Styrene	ND	20	17	85		18	90		70-130	6		20
Dichlorodifluoromethane	ND	10	8.0	80		8.3	83		36-147	4		20
Acetone	22	10	27	**50**	Q	28	60		58-148	4		20
Carbon disulfide	ND	10	9.8	98		10	100		51-130	2		20
2-Butanone	14	10	22	80		22	80		63-138	0		20
4-Methyl-2-pentanone	ND	10	9.5	95		9.7	97		59-130	2		20
2-Hexanone	ND	10	10	100		11	110		57-130	10		20
Bromochloromethane	ND	10	9.2	92		9.0	90		70-130	2		20
1,2-Dibromoethane	ND	10	8.6	86		8.7	87		70-130	1		20
1,2-Dibromo-3-chloropropane	ND	10	8.7	87		8.6	86		41-144	1		20
Isopropylbenzene	ND	10	8.9	89		9.0	90		70-130	1		20
1,2,3-Trichlorobenzene	ND	10	8.3	83		8.2	82		70-130	1		20

Matrix Spike Analysis
Batch Quality Control

Project Name: OLEAN GATEWAY-PARCEL-1
Project Number: 4387.0001B000
Lab Number: L2443777
Report Date: 04/15/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07,09-12 QC Batch ID: WG1957229-6 WG1957229-7 QC Sample: L2443777-07 Client ID: W-5												
1,2,4-Trichlorobenzene	ND	10	8.7	87		8.9	89		70-130	2		20
Methyl Acetate	ND	10	8.1	81		8.3	83		70-130	2		20
Cyclohexane	4.8J	10	12	120		13	130		70-130	8		20
1,4-Dioxane	ND	500	440	88		460	92		56-162	4		20
Freon-113	ND	10	7.8	78		8.5	85		70-130	9		20
Methyl cyclohexane	5.9J	10	13	130		13	130		70-130	0		20

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		100		70-130
4-Bromofluorobenzene	91		91		70-130
Dibromofluoromethane	100		101		70-130
Toluene-d8	98		97		70-130

SEMIVOLATILES

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-01
Client ID: W-30
Sample Location: OLEAN NY

Date Collected: 08/02/24 11:12
Date Received: 08/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 08/09/24 15:35
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 08/09/24 00:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-01 Date Collected: 08/02/24 11:12

Client ID: W-30 Date Received: 08/02/24

Sample Location: OLEAN NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	2.0	J	ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Tentatively Identified Compounds						
Total TIC Compounds	25.7	J	ug/l			1
Unknown Organic Acid	6.10	J	ug/l			1
Unknown Organic Acid	11.1	J	ug/l			1
Unknown	8.50	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	38		21-120
Phenol-d6	32		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	78		15-120
2,4,6-Tribromophenol	62		10-120
4-Terphenyl-d14	81		41-149

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-01
Client ID: W-30
Sample Location: OLEAN NY

Date Collected: 08/02/24 11:12
Date Received: 08/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 08/09/24 12:26
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 08/09/24 00:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.06	J	ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	0.03	J	ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	0.29		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-01 Date Collected: 08/02/24 11:12

Client ID: W-30 Date Received: 08/02/24

Sample Location: OLEAN NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	27		21-120
Phenol-d6	22		10-120
Nitrobenzene-d5	52		23-120
2-Fluorobiphenyl	69		15-120
2,4,6-Tribromophenol	69		10-120
4-Terphenyl-d14	64		41-149

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-02
Client ID: W-4
Sample Location: OLEAN NY

Date Collected: 08/02/24 12:40
Date Received: 08/02/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 08/09/24 15:59
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 08/09/24 00:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-02 Date Collected: 08/02/24 12:40

Client ID: W-4 Date Received: 08/02/24

Sample Location: OLEAN NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	1.3	J	ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Tentatively Identified Compounds						
Total TIC Compounds	78.0	J	ug/l			1
Unknown Alkane	7.20	J	ug/l			1
Unknown	4.80	J	ug/l			1
Unknown Alkane	5.50	J	ug/l			1
Unknown Phenol	4.10	J	ug/l			1
Unknown	4.50	J	ug/l			1
Unknown	5.30	J	ug/l			1
Unknown	5.00	J	ug/l			1
Unknown	8.90	J	ug/l			1
Unknown Organic Acid	5.20	J	ug/l			1
Cyclic Octaatomic Sulfur	14.8	NJ	ug/l			1
Unknown	7.90	J	ug/l			1
Unknown	4.80	J	ug/l			1

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-02 Date Collected: 08/02/24 12:40

Client ID: W-4 Date Received: 08/02/24

Sample Location: OLEAN NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	41		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	65		15-120
2,4,6-Tribromophenol	64		10-120
4-Terphenyl-d14	71		41-149

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-02
Client ID: W-4
Sample Location: OLEAN NY

Date Collected: 08/02/24 12:40
Date Received: 08/02/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 08/09/24 12:43
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 08/09/24 00:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.07	J	ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.16		ug/l	0.10	0.02	1
Benzo(a)anthracene	0.04	J	ug/l	0.10	0.03	1
Benzo(a)pyrene	0.05	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.05	J	ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	0.13		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	0.05	J	ug/l	0.10	0.02	1
Fluorene	0.60		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	0.04	J	ug/l	0.10	0.02	1
Pyrene	0.10		ug/l	0.10	0.04	1
2-Methylnaphthalene	0.68		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-02 Date Collected: 08/02/24 12:40

Client ID: W-4 Date Received: 08/02/24

Sample Location: OLEAN NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	38		21-120
Phenol-d6	31		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	88		15-120
2,4,6-Tribromophenol	98		10-120
4-Terphenyl-d14	77		41-149

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-03
Client ID: W-27
Sample Location: OLEAN NY

Date Collected: 07/31/24 15:07
Date Received: 08/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 08/08/24 12:54
Analyst: MRG

Extraction Method: EPA 3510C
Extraction Date: 08/07/24 19:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-03 Date Collected: 07/31/24 15:07

Client ID: W-27 Date Received: 08/02/24

Sample Location: OLEAN NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-03 Date Collected: 07/31/24 15:07

Client ID: W-27 Date Received: 08/02/24

Sample Location: OLEAN NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	434	J	ug/l			1
Unknown Alkane	9.90	J	ug/l			1
Unknown Cycloalkane	18.6	J	ug/l			1
Sulfur	37.6	NJ	ug/l			1
Unknown Alkane	13.5	J	ug/l			1
Unknown	6.80	J	ug/l			1
Unknown Cycloalkane	8.20	J	ug/l			1
Unknown Alkane	12.2	J	ug/l			1
Unknown Alkane	8.40	J	ug/l			1
Unknown	14.3	J	ug/l			1
Cyclic Octaatomic Sulfur	239	NJ	ug/l			1
Unknown Ketone	7.10	J	ug/l			1
Unknown Cycloalkane	6.60	J	ug/l			1
Unknown Alkane	16.7	J	ug/l			1
Unknown Alkane	27.5	J	ug/l			1
Unknown	7.90	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**0**	Q	21-120
Phenol-d6	**5**	Q	10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	76		15-120
2,4,6-Tribromophenol	**0**	Q	10-120
4-Terphenyl-d14	81		41-149

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-03
Client ID: W-27
Sample Location: OLEAN NY

Date Collected: 07/31/24 15:07
Date Received: 08/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 08/08/24 14:52
Analyst: MRG

Extraction Method: EPA 3510C
Extraction Date: 08/07/24 19:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.37		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	0.64		ug/l	0.10	0.03	1
Benzo(a)pyrene	0.81		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.34		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	0.05	J	ug/l	0.10	0.03	1
Chrysene	2.6		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	0.54		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	0.31		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	0.14		ug/l	0.10	0.02	1
Pyrene	1.7		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-03 Date Collected: 07/31/24 15:07

Client ID: W-27 Date Received: 08/02/24

Sample Location: OLEAN NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**1**	Q	21-120
Phenol-d6	**8**	Q	10-120
Nitrobenzene-d5	94		23-120
2-Fluorobiphenyl	88		15-120
2,4,6-Tribromophenol	**2**	Q	10-120
4-Terphenyl-d14	88		41-149

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-03 RE
Client ID: W-27
Sample Location: OLEAN NY

Date Collected: 07/31/24 15:07
Date Received: 08/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 08/09/24 16:23
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 08/09/24 00:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-03 RE
Client ID: W-27
Sample Location: OLEAN NY

Date Collected: 07/31/24 15:07
Date Received: 08/02/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-03 RE
Client ID: W-27
Sample Location: OLEAN NY

Date Collected: 07/31/24 15:07
Date Received: 08/02/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	421	J	ug/l			1
Cyclic Octaatomic Sulfur	269	NJ	ug/l			1
Unknown	9.90	J	ug/l			1
Unknown	9.70	J	ug/l			1
Unknown Alkane	7.20	J	ug/l			1
Unknown Alkane	6.80	J	ug/l			1
Unknown	6.30	J	ug/l			1
Unknown Alkane	21.1	J	ug/l			1
Unknown Alkane	9.40	J	ug/l			1
Unknown	12.5	J	ug/l			1
Unknown	10.7	J	ug/l			1
Sulfur	24.0	NJ	ug/l			1
Unknown	9.90	J	ug/l			1
Unknown	9.90	J	ug/l			1
Unknown Alkane	8.30	J	ug/l			1
Unknown	6.50	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**9**	Q	21-120
Phenol-d6	13		10-120
Nitrobenzene-d5	54		23-120
2-Fluorobiphenyl	44		15-120
2,4,6-Tribromophenol	13		10-120
4-Terphenyl-d14	43		41-149

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-03 RE
Client ID: W-27
Sample Location: OLEAN NY

Date Collected: 07/31/24 15:07
Date Received: 08/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 08/09/24 12:59
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 08/09/24 00:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.07	J	ug/l	0.10	0.02	1
Benzo(a)anthracene	0.36		ug/l	0.10	0.03	1
Benzo(a)pyrene	0.41		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.21		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	0.03	J	ug/l	0.10	0.03	1
Chrysene	1.3		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	0.26		ug/l	0.10	0.02	1
Fluorene	0.27		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	0.15		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	0.07	J	ug/l	0.10	0.02	1
Pyrene	0.86		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-03 RE
Client ID: W-27
Sample Location: OLEAN NY

Date Collected: 07/31/24 15:07
Date Received: 08/02/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**11**	Q	21-120
Phenol-d6	15		10-120
Nitrobenzene-d5	56		23-120
2-Fluorobiphenyl	72		15-120
2,4,6-Tribromophenol	24		10-120
4-Terphenyl-d14	57		41-149

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-04
Client ID: W-9
Sample Location: OLEAN NY

Date Collected: 08/01/24 11:25
Date Received: 08/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 08/09/24 13:31
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 08/08/24 12:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-04 Date Collected: 08/01/24 11:25

Client ID: W-9 Date Received: 08/02/24

Sample Location: OLEAN NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	0.75	J	ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-04 Date Collected: 08/01/24 11:25

Client ID: W-9 Date Received: 08/02/24

Sample Location: OLEAN NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	220	J	ug/l			1
Unknown	7.20	J	ug/l			1
Benzene, Propyl-	7.30	NJ	ug/l			1
Unknown Benzene	7.60	J	ug/l			1
Naphthalene, 1-methyl-	7.70	NJ	ug/l			1
Unknown Benzene	10.0	J	ug/l			1
Unknown Benzene	8.00	J	ug/l			1
Unknown	7.50	J	ug/l			1
Unknown Benzene	70.9	J	ug/l			1
Unknown Benzene	38.6	J	ug/l			1
Unknown Benzene	13.6	J	ug/l			1
Unknown	6.30	J	ug/l			1
Unknown	6.20	J	ug/l			1
Unknown Benzene	10.6	J	ug/l			1
Unknown	7.80	J	ug/l			1
Unknown Benzene	10.5	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**18**	Q	21-120
Phenol-d6	18		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	38		15-120
2,4,6-Tribromophenol	26		10-120
4-Terphenyl-d14	57		41-149

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-04
Client ID: W-9
Sample Location: OLEAN NY

Date Collected: 08/01/24 11:25
Date Received: 08/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 08/09/24 11:32
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 08/08/24 12:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.17		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.03	J	ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.63		ug/l	0.10	0.02	1
Benzo(a)anthracene	0.05	J	ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	0.48		ug/l	0.10	0.03	1
Phenanthrene	0.44		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	0.08	J	ug/l	0.10	0.04	1
2-Methylnaphthalene	2.8		ug/l	0.10	0.03	1
Pentachlorophenol	0.53	J	ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-04 Date Collected: 08/01/24 11:25

Client ID: W-9 Date Received: 08/02/24

Sample Location: OLEAN NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**20**	Q	21-120
Phenol-d6	20		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	45		15-120
2,4,6-Tribromophenol	37		10-120
4-Terphenyl-d14	57		41-149

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-04 RE
Client ID: W-9
Sample Location: OLEAN NY

Date Collected: 08/01/24 11:25
Date Received: 08/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 08/10/24 10:13
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 08/09/24 20:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-04 RE
Client ID: W-9
Sample Location: OLEAN NY

Date Collected: 08/01/24 11:25
Date Received: 08/02/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	24.		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-04 RE
Client ID: W-9
Sample Location: OLEAN NY

Date Collected: 08/01/24 11:25
Date Received: 08/02/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	289	J	ug/l			1
Unknown Benzene	11.2	J	ug/l			1
Unknown	11.3	J	ug/l			1
Unknown Benzene	9.40	J	ug/l			1
Unknown Benzene	51.0	J	ug/l			1
Unknown	10.5	J	ug/l			1
Unknown Benzene	11.7	J	ug/l			1
Unknown	9.00	J	ug/l			1
Naphthalene, 1-methyl-	10.0	NJ	ug/l			1
Unknown Naphthalene	9.00	J	ug/l			1
Unknown Benzene	17.2	J	ug/l			1
Unknown Benzene	8.60	J	ug/l			1
Unknown	8.60	J	ug/l			1
Unknown Benzene	13.8	J	ug/l			1
Unknown Benzene	94.9	J	ug/l			1
Unknown Benzene	13.2	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	22		21-120
Phenol-d6	23		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	65		15-120
2,4,6-Tribromophenol	53		10-120
4-Terphenyl-d14	80		41-149

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-04 RE
Client ID: W-9
Sample Location: OLEAN NY

Date Collected: 08/01/24 11:25
Date Received: 08/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 08/10/24 20:56
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 08/09/24 20:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.04	J	ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.80		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	0.03	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	0.66		ug/l	0.10	0.03	1
Phenanthrene	0.53		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	0.12		ug/l	0.10	0.04	1
2-Methylnaphthalene	3.3		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-04 RE
Client ID: W-9
Sample Location: OLEAN NY

Date Collected: 08/01/24 11:25
Date Received: 08/02/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	24		21-120
Phenol-d6	27		10-120
Nitrobenzene-d5	101		23-120
2-Fluorobiphenyl	73		15-120
2,4,6-Tribromophenol	44		10-120
4-Terphenyl-d14	77		41-149

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-05
Client ID: W-31
Sample Location: OLEAN NY

Date Collected: 08/01/24 13:23
Date Received: 08/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 08/09/24 13:54
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 08/08/24 12:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-05 Date Collected: 08/01/24 13:23

Client ID: W-31 Date Received: 08/02/24

Sample Location: OLEAN NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1
Tentatively Identified Compounds						
Total TIC Compounds	5.10	J	ug/l			1
Unknown	5.10	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**17**	Q	21-120
Phenol-d6	20		10-120
Nitrobenzene-d5	54		23-120
2-Fluorobiphenyl	43		15-120
2,4,6-Tribromophenol	21		10-120
4-Terphenyl-d14	52		41-149

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-05
Client ID: W-31
Sample Location: OLEAN NY

Date Collected: 08/01/24 13:23
Date Received: 08/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 08/09/24 11:49
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 08/08/24 12:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.09	J	ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	0.03	J	ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	0.30		ug/l	0.10	0.03	1
Phenanthrene	0.12		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	0.05	J	ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	0.42	J	ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-05 Date Collected: 08/01/24 13:23

Client ID: W-31 Date Received: 08/02/24

Sample Location: OLEAN NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**19**	Q	21-120
Phenol-d6	22		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	48		15-120
2,4,6-Tribromophenol	29		10-120
4-Terphenyl-d14	54		41-149

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-05 RE
Client ID: W-31
Sample Location: OLEAN NY

Date Collected: 08/01/24 13:23
Date Received: 08/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 08/10/24 10:36
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 08/09/24 20:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-05 RE
Client ID: W-31
Sample Location: OLEAN NY

Date Collected: 08/01/24 13:23
Date Received: 08/02/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	0.62	J	ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Tentatively Identified Compounds						
Total TIC Compounds	27.1	J	ug/l			1
Unknown	6.50	J	ug/l			1
Unknown Organic Acid	6.50	J	ug/l			1
Unknown	4.70	J	ug/l			1
Unknown	9.40	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	21		21-120
Phenol-d6	19		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	72		15-120
2,4,6-Tribromophenol	38		10-120
4-Terphenyl-d14	85		41-149

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-05 RE
Client ID: W-31
Sample Location: OLEAN NY

Date Collected: 08/01/24 13:23
Date Received: 08/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 08/10/24 21:12
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 08/09/24 20:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.06	J	ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	0.49		ug/l	0.10	0.03	1
Phenanthrene	0.18		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	0.06	J	ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-05 RE
Client ID: W-31
Sample Location: OLEAN NY

Date Collected: 08/01/24 13:23
Date Received: 08/02/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	23		21-120
Phenol-d6	26		10-120
Nitrobenzene-d5	110		23-120
2-Fluorobiphenyl	75		15-120
2,4,6-Tribromophenol	35		10-120
4-Terphenyl-d14	80		41-149

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-06
Client ID: W-26
Sample Location: OLEAN NY

Date Collected: 07/31/24 15:48
Date Received: 08/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 08/08/24 16:19
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 08/07/24 19:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-06 Date Collected: 07/31/24 15:48

Client ID: W-26 Date Received: 08/02/24

Sample Location: OLEAN NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-06 Date Collected: 07/31/24 15:48

Client ID: W-26 Date Received: 08/02/24

Sample Location: OLEAN NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	380	J	ug/l			1
Unknown	22.5	J	ug/l			1
Unknown	23.7	J	ug/l			1
Unknown Alkane	13.5	J	ug/l			1
Unknown Cycloalkane	13.5	J	ug/l			1
Unknown Cycloalkane	11.4	J	ug/l			1
Unknown Alkane	11.6	J	ug/l			1
Unknown Alkane	13.0	J	ug/l			1
Unknown	24.7	J	ug/l			1
Unknown	10.6	J	ug/l			1
Unknown	10.7	J	ug/l			1
Unknown Alkane	13.3	J	ug/l			1
Unknown Alkane	18.5	J	ug/l			1
Unknown Alkane	20.1	J	ug/l			1
Unknown	134	J	ug/l			1
Unknown Alkane	39.2	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	25		21-120
Phenol-d6	25		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	83		15-120
2,4,6-Tribromophenol	41		10-120
4-Terphenyl-d14	97		41-149

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-06
Client ID: W-26
Sample Location: OLEAN NY

Date Collected: 07/31/24 15:48
Date Received: 08/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 08/08/24 15:09
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 08/07/24 19:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.11		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	0.10		ug/l	0.10	0.02	1
Benzo(ghi)perylene	0.09	J	ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	0.13		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	0.14		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-06 Date Collected: 07/31/24 15:48

Client ID: W-26 Date Received: 08/02/24

Sample Location: OLEAN NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	28		21-120
Phenol-d6	29		10-120
Nitrobenzene-d5	106		23-120
2-Fluorobiphenyl	94		15-120
2,4,6-Tribromophenol	64		10-120
4-Terphenyl-d14	101		41-149

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-07
Client ID: W-5
Sample Location: OLEAN NY

Date Collected: 07/31/24 14:15
Date Received: 08/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 08/08/24 16:45
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 08/07/24 19:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-07 Date Collected: 07/31/24 14:15

Client ID: W-5 Date Received: 08/02/24

Sample Location: OLEAN NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-07 Date Collected: 07/31/24 14:15

Client ID: W-5 Date Received: 08/02/24

Sample Location: OLEAN NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	167	J	ug/l			1
Unknown Alkane	8.90	J	ug/l			1
Unknown	12.0	J	ug/l			1
Unknown	14.8	J	ug/l			1
Unknown	8.20	J	ug/l			1
Unknown	8.40	J	ug/l			1
Unknown	8.90	J	ug/l			1
Unknown	8.80	J	ug/l			1
Unknown Organic Acid	10.3	J	ug/l			1
Unknown	8.40	J	ug/l			1
Unknown	19.2	J	ug/l			1
Unknown Alkane	16.0	J	ug/l			1
Unknown	12.4	J	ug/l			1
Unknown	13.0	J	ug/l			1
Unknown Cycloalkane	8.00	J	ug/l			1
Unknown	9.30	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	31		21-120
Phenol-d6	27		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	65		15-120
2,4,6-Tribromophenol	45		10-120
4-Terphenyl-d14	75		41-149

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-07
Client ID: W-5
Sample Location: OLEAN NY

Date Collected: 07/31/24 14:15
Date Received: 08/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 08/08/24 15:25
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 08/07/24 19:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.17		ug/l	0.10	0.02	1
Benzo(a)anthracene	0.08	J	ug/l	0.10	0.03	1
Benzo(a)pyrene	0.07	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	0.32		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	0.08	J	ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	0.12		ug/l	0.10	0.03	1
Phenanthrene	0.12		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	0.12		ug/l	0.10	0.03	1
Pentachlorophenol	0.43	J	ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-07 Date Collected: 07/31/24 14:15

Client ID: W-5 Date Received: 08/02/24

Sample Location: OLEAN NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	33		21-120
Phenol-d6	29		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	78		15-120
2,4,6-Tribromophenol	72		10-120
4-Terphenyl-d14	82		41-149

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-09
Client ID: W-3
Sample Location: OLEAN NY

Date Collected: 08/01/24 14:00
Date Received: 08/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 08/09/24 14:17
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 08/08/24 12:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-09 Date Collected: 08/01/24 14:00

Client ID: W-3 Date Received: 08/02/24

Sample Location: OLEAN NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1
Tentatively Identified Compounds						
Total TIC Compounds	155	J	ug/l			1
Unknown	14.5	J	ug/l			1
Unknown Organic Acid	4.00	J	ug/l			1
Unknown	66.6	J	ug/l			1
Unknown	4.50	J	ug/l			1
Unknown	4.20	J	ug/l			1
Unknown Benzene	4.50	J	ug/l			1
Unknown	4.50	J	ug/l			1
Unknown	19.2	J	ug/l			1
Unknown	20.2	J	ug/l			1
Unknown	12.4	J	ug/l			1

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-09 Date Collected: 08/01/24 14:00

Client ID: W-3 Date Received: 08/02/24

Sample Location: OLEAN NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**12**	Q	21-120
Phenol-d6	14		10-120
Nitrobenzene-d5	53		23-120
2-Fluorobiphenyl	41		15-120
2,4,6-Tribromophenol	21		10-120
4-Terphenyl-d14	59		41-149

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-09
Client ID: W-3
Sample Location: OLEAN NY

Date Collected: 08/01/24 14:00
Date Received: 08/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 08/09/24 12:05
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 08/08/24 12:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.41		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	0.05	J	ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	0.19		ug/l	0.10	0.03	1
Pentachlorophenol	0.45	J	ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-09 Date Collected: 08/01/24 14:00

Client ID: W-3 Date Received: 08/02/24

Sample Location: OLEAN NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**14**	Q	21-120
Phenol-d6	16		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	48		15-120
2,4,6-Tribromophenol	28		10-120
4-Terphenyl-d14	61		41-149

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-09 RE
Client ID: W-3
Sample Location: OLEAN NY

Date Collected: 08/01/24 14:00
Date Received: 08/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 08/10/24 10:59
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 08/09/24 20:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-09 RE
Client ID: W-3
Sample Location: OLEAN NY

Date Collected: 08/01/24 14:00
Date Received: 08/02/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Tentatively Identified Compounds						
Total TIC Compounds	92.5	J	ug/l			1
Unknown	62.9	J	ug/l			1
Unknown Organic Acid	5.90	J	ug/l			1
Unknown	4.70	J	ug/l			1
Unknown	8.30	J	ug/l			1
Unknown	5.20	J	ug/l			1
Unknown	5.50	J	ug/l			1

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-09 RE
Client ID: W-3
Sample Location: OLEAN NY

Date Collected: 08/01/24 14:00
Date Received: 08/02/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**17**	Q	21-120
Phenol-d6	18		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	69		15-120
2,4,6-Tribromophenol	39		10-120
4-Terphenyl-d14	77		41-149

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-09 RE
Client ID: W-3
Sample Location: OLEAN NY

Date Collected: 08/01/24 14:00
Date Received: 08/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 08/10/24 21:28
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 08/09/24 20:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.56		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	0.05	J	ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	0.21		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-09 RE
Client ID: W-3
Sample Location: OLEAN NY

Date Collected: 08/01/24 14:00
Date Received: 08/02/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**19**	Q	21-120
Phenol-d6	24		10-120
Nitrobenzene-d5	98		23-120
2-Fluorobiphenyl	70		15-120
2,4,6-Tribromophenol	32		10-120
4-Terphenyl-d14	76		41-149

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-10
Client ID: W-7A
Sample Location: OLEAN NY

Date Collected: 08/02/24 10:32
Date Received: 08/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 08/09/24 16:47
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 08/09/24 00:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-10 Date Collected: 08/02/24 10:32

Client ID: W-7A Date Received: 08/02/24

Sample Location: OLEAN NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Tentatively Identified Compounds						
Total TIC Compounds	379	J	ug/l			1
Unknown	28.8	J	ug/l			1
Unknown	38.1	J	ug/l			1
Cyclic Octaatomic Sulfur	34.4	NJ	ug/l			1
Unknown	158	J	ug/l			1
Unknown Organic Acid	21.6	J	ug/l			1
Unknown	59.2	J	ug/l			1
Unknown Organic Acid	38.6	J	ug/l			1

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-10 Date Collected: 08/02/24 10:32

Client ID: W-7A Date Received: 08/02/24

Sample Location: OLEAN NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	30		21-120
Phenol-d6	24		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	53		15-120
2,4,6-Tribromophenol	47		10-120
4-Terphenyl-d14	56		41-149

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-10
Client ID: W-7A
Sample Location: OLEAN NY

Date Collected: 08/02/24 10:32
Date Received: 08/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 08/09/24 13:15
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 08/09/24 00:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.04	J	ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.09	J	ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	0.09	J	ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	0.14		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-10 Date Collected: 08/02/24 10:32
Client ID: W-7A Date Received: 08/02/24
Sample Location: OLEAN NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	27		21-120
Phenol-d6	23		10-120
Nitrobenzene-d5	56		23-120
2-Fluorobiphenyl	73		15-120
2,4,6-Tribromophenol	70		10-120
4-Terphenyl-d14	61		41-149

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-11
Client ID: BLIND DUP
Sample Location: OLEAN NY

Date Collected: 08/01/24 08:00
Date Received: 08/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 08/09/24 15:03
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 08/08/24 12:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-11 Date Collected: 08/01/24 08:00

Client ID: BLIND DUP Date Received: 08/02/24

Sample Location: OLEAN NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1
Tentatively Identified Compounds						
Total TIC Compounds	76.6	J	ug/l			1
Unknown	4.20	J	ug/l			1
Unknown	68.2	J	ug/l			1
Unknown	4.20	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**3**	Q	21-120
Phenol-d6	**7**	Q	10-120
Nitrobenzene-d5	52		23-120
2-Fluorobiphenyl	43		15-120
2,4,6-Tribromophenol	**6**	Q	10-120
4-Terphenyl-d14	54		41-149

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-11
Client ID: BLIND DUP
Sample Location: OLEAN NY

Date Collected: 08/01/24 08:00
Date Received: 08/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 08/09/24 12:21
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 08/08/24 12:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.34		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	0.04	J	ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	0.14		ug/l	0.10	0.03	1
Pentachlorophenol	0.44	J	ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-11 Date Collected: 08/01/24 08:00

Client ID: BLIND DUP Date Received: 08/02/24

Sample Location: OLEAN NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**4**	Q	21-120
Phenol-d6	**8**	Q	10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	50		15-120
2,4,6-Tribromophenol	**9**	Q	10-120
4-Terphenyl-d14	56		41-149

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-11 RE
Client ID: BLIND DUP
Sample Location: OLEAN NY

Date Collected: 08/01/24 08:00
Date Received: 08/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 08/10/24 09:06
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 08/09/24 20:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-11 RE
Client ID: BLIND DUP
Sample Location: OLEAN NY

Date Collected: 08/01/24 08:00
Date Received: 08/02/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Tentatively Identified Compounds						
Total TIC Compounds	109	J	ug/l			1
Unknown	7.20	J	ug/l			1
Unknown	6.40	J	ug/l			1
Unknown	4.60	J	ug/l			1
Unknown	5.90	J	ug/l			1
Unknown	8.20	J	ug/l			1
Unknown	67.0	J	ug/l			1
Unknown Benzene	4.70	J	ug/l			1
Unknown	5.00	J	ug/l			1

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-11 RE
Client ID: BLIND DUP
Sample Location: OLEAN NY

Date Collected: 08/01/24 08:00
Date Received: 08/02/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**13**	Q	21-120
Phenol-d6	20		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	64		15-120
2,4,6-Tribromophenol	34		10-120
4-Terphenyl-d14	81		41-149

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-11 RE
Client ID: BLIND DUP
Sample Location: OLEAN NY

Date Collected: 08/01/24 08:00
Date Received: 08/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 08/10/24 21:44
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 08/09/24 20:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.54		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	0.17		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-11 RE
Client ID: BLIND DUP
Sample Location: OLEAN NY

Date Collected: 08/01/24 08:00
Date Received: 08/02/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**15**	Q	21-120
Phenol-d6	23		10-120
Nitrobenzene-d5	99		23-120
2-Fluorobiphenyl	70		15-120
2,4,6-Tribromophenol	26		10-120
4-Terphenyl-d14	78		41-149

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/08/24 10:47
Analyst: LJG

Extraction Method: EPA 3510C
Extraction Date: 08/07/24 19:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03,06-07 Batch: WG1956631-1					
Bis(2-chloroethyl)ether	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
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
Hexachlorocyclopentadiene	ND		ug/l	20	1.2
Isophorone	ND		ug/l	5.0	0.86
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
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
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
Dibenzofuran	ND		ug/l	2.0	0.40
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

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/08/24 10:47
Analyst: LJG

Extraction Method: EPA 3510C
Extraction Date: 08/07/24 19:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03,06-07 Batch: WG1956631-1					
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
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
Carbazole	ND		ug/l	2.0	0.31
Atrazine	ND		ug/l	10	1.0
Benzaldehyde	ND		ug/l	5.0	1.1
Caprolactam	ND		ug/l	10	1.2
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2

Tentatively Identified Compounds			
Total TIC Compounds	6.60	J	ug/l
Unknown	6.60	J	ug/l

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/08/24 10:47
Analyst: LJG

Extraction Method: EPA 3510C
Extraction Date: 08/07/24 19:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03,06-07 Batch: WG1956631-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	35		21-120
Phenol-d6	27		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	74		15-120
2,4,6-Tribromophenol	26		10-120
4-Terphenyl-d14	66		41-149

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 08/08/24 11:20
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 08/07/24 19:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 03,06-07 Batch: WG1956632-1					
Acenaphthene	ND		ug/l	0.10	0.02
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.03
Hexachlorobutadiene	ND		ug/l	0.50	0.02
Naphthalene	ND		ug/l	0.10	0.02
Benzo(a)anthracene	ND		ug/l	0.10	0.03
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03
Chrysene	ND		ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	ND		ug/l	0.10	0.02
Benzo(ghi)perylene	ND		ug/l	0.10	0.02
Fluorene	ND		ug/l	0.10	0.03
Phenanthrene	ND		ug/l	0.10	0.04
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.03
Pentachlorophenol	ND		ug/l	0.80	0.06
Hexachlorobenzene	0.04	J	ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.02

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 08/08/24 11:20
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 08/07/24 19:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 03,06-07 Batch: WG1956632-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	35		21-120
Phenol-d6	31		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	80		15-120
2,4,6-Tribromophenol	56		10-120
4-Terphenyl-d14	76		41-149

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/09/24 08:36
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 08/08/24 12:08

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 04-05,09,11 Batch: WG1956969-1					
Bis(2-chloroethyl)ether	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
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
Hexachlorocyclopentadiene	ND		ug/l	20	1.2
Isophorone	ND		ug/l	5.0	0.86
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
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
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
Dibenzofuran	ND		ug/l	2.0	0.40
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

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/09/24 08:36
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 08/08/24 12:08

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 04-05,09,11 Batch: WG1956969-1					
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
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
Carbazole	ND		ug/l	2.0	0.31
Atrazine	ND		ug/l	10	1.0
Benzaldehyde	ND		ug/l	5.0	1.1
Caprolactam	ND		ug/l	10	1.2
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2

Tentatively Identified Compounds

Total TIC Compounds	108	J	ug/l
Unknown	10.0	J	ug/l
Unknown	13.6	J	ug/l
Unknown	4.30	J	ug/l
Unknown	7.40	J	ug/l
Unknown	5.80	J	ug/l
Unknown	5.30	J	ug/l

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/09/24 08:36
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 08/08/24 12:08

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 04-05,09,11 Batch: WG1956969-1					
Tentatively Identified Compounds					
Unknown	11.2	J	ug/l		
Unknown	4.00	J	ug/l		
Unknown	4.90	J	ug/l		
Unknown	18.4	J	ug/l		
Unknown	17.0	J	ug/l		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	22		21-120
Phenol-d6	19		10-120
Nitrobenzene-d5	52		23-120
2-Fluorobiphenyl	38		15-120
2,4,6-Tribromophenol	31		10-120
4-Terphenyl-d14	61		41-149

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 08/09/24 10:44
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 08/08/24 12:08

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 04-05,09,11 Batch: WG1956970-1					
Acenaphthene	ND		ug/l	0.10	0.02
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	0.04	J	ug/l	0.10	0.03
Hexachlorobutadiene	ND		ug/l	0.50	0.02
Naphthalene	ND		ug/l	0.10	0.02
Benzo(a)anthracene	0.05	J	ug/l	0.10	0.03
Benzo(a)pyrene	0.03	J	ug/l	0.10	0.02
Benzo(b)fluoranthene	0.04	J	ug/l	0.10	0.03
Benzo(k)fluoranthene	0.04	J	ug/l	0.10	0.03
Chrysene	ND		ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	ND		ug/l	0.10	0.02
Benzo(ghi)perylene	0.04	J	ug/l	0.10	0.02
Fluorene	ND		ug/l	0.10	0.03
Phenanthrene	0.04	J	ug/l	0.10	0.04
Dibenzo(a,h)anthracene	0.04	J	ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	0.04	J	ug/l	0.10	0.02
Pyrene	0.04	J	ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.03
Pentachlorophenol	0.50	J	ug/l	0.80	0.06
Hexachlorobenzene	0.02	J	ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.02

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 08/09/24 10:44
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 08/08/24 12:08

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 04-05,09,11 Batch: WG1956970-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	26		21-120
Phenol-d6	23		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	42		15-120
2,4,6-Tribromophenol	40		10-120
4-Terphenyl-d14	64		41-149

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/09/24 10:02
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 08/09/24 00:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,10 Batch: WG1957166-1					
Bis(2-chloroethyl)ether	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
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
Hexachlorocyclopentadiene	ND		ug/l	20	1.2
Isophorone	ND		ug/l	5.0	0.86
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
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
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
Dibenzofuran	ND		ug/l	2.0	0.40
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

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/09/24 10:02
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 08/09/24 00:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,10 Batch: WG1957166-1					
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
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
Carbazole	ND		ug/l	2.0	0.31
Atrazine	ND		ug/l	10	1.0
Benzaldehyde	ND		ug/l	5.0	1.1
Caprolactam	ND		ug/l	10	1.2
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/09/24 10:02
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 08/09/24 00:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,10 Batch: WG1957166-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	48		21-120
Phenol-d6	32		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	66		15-120
2,4,6-Tribromophenol	54		10-120
4-Terphenyl-d14	60		41-149

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 08/09/24 11:37
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 08/09/24 00:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-03,10 Batch: WG1957167-1					
Acenaphthene	ND		ug/l	0.10	0.02
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.03
Hexachlorobutadiene	ND		ug/l	0.50	0.02
Naphthalene	ND		ug/l	0.10	0.02
Benzo(a)anthracene	ND		ug/l	0.10	0.03
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03
Chrysene	ND		ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	ND		ug/l	0.10	0.02
Benzo(ghi)perylene	ND		ug/l	0.10	0.02
Fluorene	ND		ug/l	0.10	0.03
Phenanthrene	ND		ug/l	0.10	0.04
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.03
Pentachlorophenol	0.07	J	ug/l	0.80	0.06
Hexachlorobenzene	0.02	J	ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.02

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 08/09/24 11:37
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 08/09/24 00:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-03,10 Batch: WG1957167-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	39		21-120
Phenol-d6	27		10-120
Nitrobenzene-d5	56		23-120
2-Fluorobiphenyl	73		15-120
2,4,6-Tribromophenol	78		10-120
4-Terphenyl-d14	70		41-149

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/10/24 08:55
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 08/09/24 20:36

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 04-05,09,11 Batch: WG1957564-1					
Bis(2-chloroethyl)ether	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
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
Hexachlorocyclopentadiene	ND		ug/l	20	1.2
Isophorone	ND		ug/l	5.0	0.86
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
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
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
Dibenzofuran	ND		ug/l	2.0	0.40
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

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/10/24 08:55
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 08/09/24 20:36

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 04-05,09,11 Batch: WG1957564-1					
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
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
Carbazole	ND		ug/l	2.0	0.31
Atrazine	ND		ug/l	10	1.0
Benzaldehyde	ND		ug/l	5.0	1.1
Caprolactam	ND		ug/l	10	1.2
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2

Tentatively Identified Compounds

Total TIC Compounds	34.2	J	ug/l
Unknown Organic Acid	6.20	J	ug/l
Unknown	11.2	J	ug/l
Unknown	8.70	J	ug/l
Unknown	8.10	J	ug/l

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/10/24 08:55
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 08/09/24 20:36

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 04-05,09,11 Batch: WG1957564-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		21-120
Phenol-d6	36		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	74		15-120
2,4,6-Tribromophenol	74		10-120
4-Terphenyl-d14	89		41-149

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 08/10/24 16:38
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 08/09/24 20:36

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 04-05,09,11 Batch: WG1957565-1					
Acenaphthene	ND		ug/l	0.10	0.02
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	0.03	J	ug/l	0.10	0.03
Hexachlorobutadiene	ND		ug/l	0.50	0.02
Naphthalene	ND		ug/l	0.10	0.02
Benzo(a)anthracene	ND		ug/l	0.10	0.03
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03
Chrysene	ND		ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	ND		ug/l	0.10	0.02
Benzo(ghi)perylene	ND		ug/l	0.10	0.02
Fluorene	ND		ug/l	0.10	0.03
Phenanthrene	ND		ug/l	0.10	0.04
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.03
Pentachlorophenol	ND		ug/l	0.80	0.06
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.02

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 08/10/24 16:38
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 08/09/24 20:36

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 04-05,09,11 Batch: WG1957565-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		21-120
Phenol-d6	46		10-120
Nitrobenzene-d5	106		23-120
2-Fluorobiphenyl	73		15-120
2,4,6-Tribromophenol	71		10-120
4-Terphenyl-d14	93		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: OLEAN GATEWAY-PARCEL-1
Project Number: 4387.0001B000

Lab Number: L2443777
Report Date: 04/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03,06-07 Batch: WG1956631-2 WG1956631-3								
Bis(2-chloroethyl)ether	98		78		40-140	23		30
3,3'-Dichlorobenzidine	80		71		40-140	12		30
2,4-Dinitrotoluene	81		78		48-143	4		30
2,6-Dinitrotoluene	88		78		40-140	12		30
4-Chlorophenyl phenyl ether	84		75		40-140	11		30
4-Bromophenyl phenyl ether	80		73		40-140	9		30
Bis(2-chloroisopropyl)ether	98		77		40-140	24		30
Bis(2-chloroethoxy)methane	102		82		40-140	22		30
Hexachlorocyclopentadiene	55		43		40-140	24		30
Isophorone	102		81		40-140	23		30
Nitrobenzene	99		80		40-140	21		30
NDPA/DPA	99		85		40-140	15		30
n-Nitrosodi-n-propylamine	107		83		29-132	25		30
Bis(2-ethylhexyl)phthalate	88		81		40-140	8		30
Butyl benzyl phthalate	88		79		40-140	11		30
Di-n-butylphthalate	95		82		40-140	15		30
Di-n-octylphthalate	78		73		40-140	7		30
Diethyl phthalate	98		90		40-140	9		30
Dimethyl phthalate	95		82		40-140	15		30
Biphenyl	76		62		40-140	20		30
4-Chloroaniline	78		63		40-140	21		30
2-Nitroaniline	91		79		52-143	14		30
3-Nitroaniline	96		86		25-145	11		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: OLEAN GATEWAY-PARCEL-1
Project Number: 4387.0001B000

Lab Number: L2443777
Report Date: 04/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03,06-07 Batch: WG1956631-2 WG1956631-3								
4-Nitroaniline	97		84		51-143	14		30
Dibenzofuran	86		75		40-140	14		30
1,2,4,5-Tetrachlorobenzene	66		52		2-134	24		30
Acetophenone	92		75		39-129	20		30
2,4,6-Trichlorophenol	39		78		30-130	**67**	Q	30
p-Chloro-m-cresol	83		81		23-97	2		30
2-Chlorophenol	49		73		27-123	**39**	Q	30
2,4-Dichlorophenol	50		74		30-130	**39**	Q	30
2,4-Dimethylphenol	98		79		30-130	21		30
2-Nitrophenol	42		69		30-130	**49**	Q	30
4-Nitrophenol	22		53		10-80	**83**	Q	30
2,4-Dinitrophenol	54		87		20-130	**47**	Q	30
4,6-Dinitro-o-cresol	44		77		20-164	**55**	Q	30
Phenol	31		41		12-110	28		30
2-Methylphenol	79		69		30-130	14		30
3-Methylphenol/4-Methylphenol	70		68		30-130	3		30
2,4,5-Trichlorophenol	44		80		30-130	**58**	Q	30
Carbazole	105		91		55-144	14		30
Atrazine	95		90		40-140	5		30
Benzaldehyde	86		71		40-140	19		30
Caprolactam	52		49		10-130	6		30
2,3,4,6-Tetrachlorophenol	**33**	Q	87		40-140	**90**	Q	30

Lab Control Sample Analysis
Batch Quality Control

Project Name: OLEAN GATEWAY-PARCEL-1
Project Number: 4387.0001B000

Lab Number: L2443777
Report Date: 04/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03,06-07 Batch: WG1956631-2 WG1956631-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	28		54		21-120
Phenol-d6	28		38		10-120
Nitrobenzene-d5	93		74		23-120
2-Fluorobiphenyl	82		68		15-120
2,4,6-Tribromophenol	30		58		10-120
4-Terphenyl-d14	72		62		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: OLEAN GATEWAY-PARCEL-1
Project Number: 4387.0001B000

Lab Number: L2443777
Report Date: 04/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 03,06-07 Batch: WG1956632-2 WG1956632-3								
Acenaphthene	82		80		40-140	2		40
2-Chloronaphthalene	72		71		40-140	1		40
Fluoranthene	96		98		40-140	2		40
Hexachlorobutadiene	67		62		40-140	8		40
Naphthalene	72		68		40-140	6		40
Benzo(a)anthracene	94		95		40-140	1		40
Benzo(a)pyrene	114		115		40-140	1		40
Benzo(b)fluoranthene	99		100		40-140	1		40
Benzo(k)fluoranthene	106		106		40-140	0		40
Chrysene	92		93		40-140	1		40
Acenaphthylene	83		85		40-140	2		40
Anthracene	100		100		40-140	0		40
Benzo(ghi)perylene	110		110		40-140	0		40
Fluorene	84		84		40-140	0		40
Phenanthrene	94		95		40-140	1		40
Dibenzo(a,h)anthracene	119		120		40-140	1		40
Indeno(1,2,3-cd)pyrene	116		117		40-140	1		40
Pyrene	95		97		40-140	2		40
2-Methylnaphthalene	73		71		40-140	3		40
Pentachlorophenol	45		112		40-140	**85**	Q	40
Hexachlorobenzene	94		95		40-140	1		40
Hexachloroethane	71		66		40-140	7		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: OLEAN GATEWAY-PARCEL-1
Project Number: 4387.0001B000

Lab Number: L2443777
Report Date: 04/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 03,06-07 Batch: WG1956632-2 WG1956632-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	26		56		21-120
Phenol-d6	26		41		10-120
Nitrobenzene-d5	87		86		23-120
2-Fluorobiphenyl	76		76		15-120
2,4,6-Tribromophenol	46		96		10-120
4-Terphenyl-d14	79		80		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: OLEAN GATEWAY-PARCEL-1
Project Number: 4387.0001B000

Lab Number: L2443777
Report Date: 04/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-05,09,11 Batch: WG1956969-2 WG1956969-3								
Bis(2-chloroethyl)ether	55		55		40-140	0		30
3,3'-Dichlorobenzidine	56		67		40-140	18		30
2,4-Dinitrotoluene	55		61		48-143	10		30
2,6-Dinitrotoluene	55		61		40-140	10		30
4-Chlorophenyl phenyl ether	45		**39**	Q	40-140	14		30
4-Bromophenyl phenyl ether	46		46		40-140	0		30
Bis(2-chloroisopropyl)ether	59		52		40-140	13		30
Bis(2-chloroethoxy)methane	56		55		40-140	2		30
Hexachlorocyclopentadiene	**24**	Q	**12**	Q	40-140	**67**	Q	30
Isophorone	54		56		40-140	4		30
Nitrobenzene	56		52		40-140	7		30
NDPA/DPA	51		51		40-140	0		30
n-Nitrosodi-n-propylamine	56		55		29-132	2		30
Bis(2-ethylhexyl)phthalate	62		70		40-140	12		30
Butyl benzyl phthalate	63		66		40-140	5		30
Di-n-butylphthalate	62		65		40-140	5		30
Di-n-octylphthalate	66		78		40-140	17		30
Diethyl phthalate	54		59		40-140	9		30
Dimethyl phthalate	55		58		40-140	5		30
Biphenyl	43		**30**	Q	40-140	**36**	Q	30
4-Chloroaniline	56		58		40-140	4		30
2-Nitroaniline	59		69		52-143	16		30
3-Nitroaniline	58		73		25-145	23		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: OLEAN GATEWAY-PARCEL-1
Project Number: 4387.0001B000

Lab Number: L2443777
Report Date: 04/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-05,09,11 Batch: WG1956969-2 WG1956969-3								
4-Nitroaniline	55		70		51-143	24		30
Dibenzofuran	49		43		40-140	13		30
1,2,4,5-Tetrachlorobenzene	38		21		2-134	**58**	Q	30
Acetophenone	53		52		39-129	2		30
2,4,6-Trichlorophenol	40		59		30-130	**38**	Q	30
p-Chloro-m-cresol	56		70		23-97	22		30
2-Chlorophenol	43		58		27-123	30		30
2,4-Dichlorophenol	47		58		30-130	21		30
2,4-Dimethylphenol	57		57		30-130	0		30
2-Nitrophenol	49		61		30-130	22		30
4-Nitrophenol	24		42		10-80	**55**	Q	30
2,4-Dinitrophenol	23		34		20-130	**39**	Q	30
4,6-Dinitro-o-cresol	36		51		20-164	**34**	Q	30
Phenol	21		31		12-110	**38**	Q	30
2-Methylphenol	51		60		30-130	16		30
3-Methylphenol/4-Methylphenol	48		59		30-130	21		30
2,4,5-Trichlorophenol	45		63		30-130	**33**	Q	30
Carbazole	58		60		55-144	3		30
Atrazine	49		55		40-140	12		30
Benzaldehyde	48		47		40-140	2		30
Caprolactam	39		48		10-130	21		30
2,3,4,6-Tetrachlorophenol	**34**	Q	60		40-140	**55**	Q	30

Lab Control Sample Analysis
Batch Quality Control

Project Name: OLEAN GATEWAY-PARCEL-1
Project Number: 4387.0001B000

Lab Number: L2443777
Report Date: 04/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-05,09,11 Batch: WG1956969-2 WG1956969-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	27		43		21-120
Phenol-d6	22		31		10-120
Nitrobenzene-d5	52		52		23-120
2-Fluorobiphenyl	42		42		15-120
2,4,6-Tribromophenol	36		50		10-120
4-Terphenyl-d14	51		51		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: OLEAN GATEWAY-PARCEL-1
Project Number: 4387.0001B000

Lab Number: L2443777
Report Date: 04/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 04-05,09,11 Batch: WG1956970-2 WG1956970-3								
Acenaphthene	50		**33**	Q	40-140	**41**	Q	40
2-Chloronaphthalene	46		**27**	Q	40-140	**52**	Q	40
Fluoranthene	58		54		40-140	7		40
Hexachlorobutadiene	40		**11**	Q	40-140	**114**	Q	40
Naphthalene	44		**25**	Q	40-140	**55**	Q	40
Benzo(a)anthracene	57		52		40-140	9		40
Benzo(a)pyrene	67		64		40-140	5		40
Benzo(b)fluoranthene	64		57		40-140	12		40
Benzo(k)fluoranthene	65		60		40-140	8		40
Chrysene	56		51		40-140	9		40
Acenaphthylene	55		**39**	Q	40-140	34		40
Anthracene	58		53		40-140	9		40
Benzo(ghi)perylene	64		59		40-140	8		40
Fluorene	51		40		40-140	24		40
Phenanthrene	56		50		40-140	11		40
Dibenzo(a,h)anthracene	71		65		40-140	9		40
Indeno(1,2,3-cd)pyrene	73		67		40-140	9		40
Pyrene	57		53		40-140	7		40
2-Methylnaphthalene	47		**25**	Q	40-140	**61**	Q	40
Pentachlorophenol	**22**	Q	44		40-140	**67**	Q	40
Hexachlorobenzene	55		49		40-140	12		40
Hexachloroethane	42		**14**	Q	40-140	**100**	Q	40

Lab Control Sample Analysis
Batch Quality Control

Project Name: OLEAN GATEWAY-PARCEL-1
Project Number: 4387.0001B000

Lab Number: L2443777
Report Date: 04/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 04-05,09,11 Batch: WG1956970-2 WG1956970-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	29		37		21-120
Phenol-d6	24		28		10-120
Nitrobenzene-d5	60		50		23-120
2-Fluorobiphenyl	44		38		15-120
2,4,6-Tribromophenol	47		54		10-120
4-Terphenyl-d14	48		45		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: OLEAN GATEWAY-PARCEL-1
Project Number: 4387.0001B000

Lab Number: L2443777
Report Date: 04/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,10 Batch: WG1957166-2 WG1957166-3								
Bis(2-chloroethyl)ether	68		58		40-140	16		30
3,3'-Dichlorobenzidine	75		54		40-140	**33**	Q	30
2,4-Dinitrotoluene	65		50		48-143	26		30
2,6-Dinitrotoluene	72		55		40-140	27		30
4-Chlorophenyl phenyl ether	64		52		40-140	21		30
4-Bromophenyl phenyl ether	66		51		40-140	26		30
Bis(2-chloroisopropyl)ether	56		42		40-140	29		30
Bis(2-chloroethoxy)methane	70		61		40-140	14		30
Hexachlorocyclopentadiene	56		40		40-140	**33**	Q	30
Isophorone	75		63		40-140	17		30
Nitrobenzene	71		58		40-140	20		30
NDPA/DPA	67		52		40-140	25		30
n-Nitrosodi-n-propylamine	76		62		29-132	20		30
Bis(2-ethylhexyl)phthalate	84		60		40-140	**33**	Q	30
Butyl benzyl phthalate	76		57		40-140	29		30
Di-n-butylphthalate	75		57		40-140	27		30
Di-n-octylphthalate	82		61		40-140	29		30
Diethyl phthalate	75		56		40-140	29		30
Dimethyl phthalate	77		64		40-140	18		30
Biphenyl	60		49		40-140	20		30
4-Chloroaniline	68		45		40-140	**41**	Q	30
2-Nitroaniline	72		54		52-143	29		30
3-Nitroaniline	69		55		25-145	23		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: OLEAN GATEWAY-PARCEL-1
Project Number: 4387.0001B000

Lab Number: L2443777
Report Date: 04/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,10 Batch: WG1957166-2 WG1957166-3								
4-Nitroaniline	68		59		51-143	14		30
Dibenzofuran	63		48		40-140	27		30
1,2,4,5-Tetrachlorobenzene	55		45		2-134	20		30
Acetophenone	73		58		39-129	23		30
2,4,6-Trichlorophenol	71		57		30-130	22		30
p-Chloro-m-cresol	79		59		23-97	29		30
2-Chlorophenol	64		54		27-123	17		30
2,4-Dichlorophenol	67		58		30-130	14		30
2,4-Dimethylphenol	72		58		30-130	22		30
2-Nitrophenol	74		59		30-130	23		30
4-Nitrophenol	45		33		10-80	**31**	Q	30
2,4-Dinitrophenol	47		44		20-130	7		30
4,6-Dinitro-o-cresol	68		52		20-164	27		30
Phenol	38		30		12-110	24		30
2-Methylphenol	67		53		30-130	23		30
3-Methylphenol/4-Methylphenol	64		49		30-130	27		30
2,4,5-Trichlorophenol	75		57		30-130	27		30
Carbazole	66		**49**	Q	55-144	30		30
Atrazine	63		48		40-140	27		30
Benzaldehyde	69		54		40-140	24		30
Caprolactam	21		20		10-130	5		30
2,3,4,6-Tetrachlorophenol	69		49		40-140	**34**	Q	30

Lab Control Sample Analysis
Batch Quality Control

Project Name: OLEAN GATEWAY-PARCEL-1
Project Number: 4387.0001B000

Lab Number: L2443777
Report Date: 04/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,10 Batch: WG1957166-2 WG1957166-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	51		41		21-120
Phenol-d6	38		30		10-120
Nitrobenzene-d5	82		57		23-120
2-Fluorobiphenyl	66		52		15-120
2,4,6-Tribromophenol	67		52		10-120
4-Terphenyl-d14	68		51		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: OLEAN GATEWAY-PARCEL-1
Project Number: 4387.0001B000

Lab Number: L2443777
Report Date: 04/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-03,10 Batch: WG1957167-2 WG1957167-3								
Acenaphthene	71		65		40-140	9		40
2-Chloronaphthalene	67		61		40-140	9		40
Fluoranthene	68		63		40-140	8		40
Hexachlorobutadiene	54		51		40-140	6		40
Naphthalene	60		56		40-140	7		40
Benzo(a)anthracene	75		70		40-140	7		40
Benzo(a)pyrene	67		62		40-140	8		40
Benzo(b)fluoranthene	66		62		40-140	6		40
Benzo(k)fluoranthene	66		63		40-140	5		40
Chrysene	68		64		40-140	6		40
Acenaphthylene	67		60		40-140	11		40
Anthracene	72		66		40-140	9		40
Benzo(ghi)perylene	66		62		40-140	6		40
Fluorene	68		63		40-140	8		40
Phenanthrene	69		63		40-140	9		40
Dibenzo(a,h)anthracene	69		65		40-140	6		40
Indeno(1,2,3-cd)pyrene	73		69		40-140	6		40
Pyrene	65		61		40-140	6		40
2-Methylnaphthalene	64		58		40-140	10		40
Pentachlorophenol	81		77		40-140	5		40
Hexachlorobenzene	78		73		40-140	7		40
Hexachloroethane	48		47		40-140	2		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: OLEAN GATEWAY-PARCEL-1
Project Number: 4387.0001B000

Lab Number: L2443777
Report Date: 04/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-03,10 Batch: WG1957167-2 WG1957167-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	45		40		21-120
Phenol-d6	33		29		10-120
Nitrobenzene-d5	59		51		23-120
2-Fluorobiphenyl	73		64		15-120
2,4,6-Tribromophenol	92		81		10-120
4-Terphenyl-d14	70		63		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: OLEAN GATEWAY-PARCEL-1
Project Number: 4387.0001B000

Lab Number: L2443777
Report Date: 04/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-05,09,11 Batch: WG1957564-2 WG1957564-3								
Bis(2-chloroethyl)ether	77		76		40-140	1		30
3,3'-Dichlorobenzidine	82		75		40-140	9		30
2,4-Dinitrotoluene	84		82		48-143	2		30
2,6-Dinitrotoluene	86		82		40-140	5		30
4-Chlorophenyl phenyl ether	75		71		40-140	5		30
4-Bromophenyl phenyl ether	76		74		40-140	3		30
Bis(2-chloroisopropyl)ether	80		81		40-140	1		30
Bis(2-chloroethoxy)methane	76		77		40-140	1		30
Hexachlorocyclopentadiene	61		60		40-140	2		30
Isophorone	78		75		40-140	4		30
Nitrobenzene	76		76		40-140	0		30
NDPA/DPA	81		76		40-140	6		30
n-Nitrosodi-n-propylamine	78		78		29-132	0		30
Bis(2-ethylhexyl)phthalate	90		86		40-140	5		30
Butyl benzyl phthalate	95		87		40-140	9		30
Di-n-butylphthalate	95		88		40-140	8		30
Di-n-octylphthalate	92		87		40-140	6		30
Diethyl phthalate	82		79		40-140	4		30
Dimethyl phthalate	82		80		40-140	2		30
Biphenyl	66		66		40-140	0		30
4-Chloroaniline	64		55		40-140	15		30
2-Nitroaniline	83		82		52-143	1		30
3-Nitroaniline	83		80		25-145	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: OLEAN GATEWAY-PARCEL-1
Project Number: 4387.0001B000

Lab Number: L2443777
Report Date: 04/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-05,09,11 Batch: WG1957564-2 WG1957564-3								
4-Nitroaniline	82		77		51-143	6		30
Dibenzofuran	76		74		40-140	3		30
1,2,4,5-Tetrachlorobenzene	62		63		2-134	2		30
Acetophenone	73		74		39-129	1		30
2,4,6-Trichlorophenol	50		76		30-130	**41**	Q	30
p-Chloro-m-cresol	81		80		23-97	1		30
2-Chlorophenol	52		74		27-123	**35**	Q	30
2,4-Dichlorophenol	58		78		30-130	29		30
2,4-Dimethylphenol	76		74		30-130	3		30
2-Nitrophenol	57		84		30-130	**38**	Q	30
4-Nitrophenol	33		52		10-80	**45**	Q	30
2,4-Dinitrophenol	49		94		20-130	**63**	Q	30
4,6-Dinitro-o-cresol	54		86		20-164	**46**	Q	30
Phenol	32		38		12-110	17		30
2-Methylphenol	68		72		30-130	6		30
3-Methylphenol/4-Methylphenol	68		72		30-130	6		30
2,4,5-Trichlorophenol	58		83		30-130	**35**	Q	30
Carbazole	87		83		55-144	5		30
Atrazine	80		76		40-140	5		30
Benzaldehyde	65		66		40-140	2		30
Caprolactam	47		48		10-130	2		30
2,3,4,6-Tetrachlorophenol	49		86		40-140	**55**	Q	30

Lab Control Sample Analysis
Batch Quality Control

Project Name: OLEAN GATEWAY-PARCEL-1
Project Number: 4387.0001B000

Lab Number: L2443777
Report Date: 04/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-05,09,11 Batch: WG1957564-2 WG1957564-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	33		56		21-120
Phenol-d6	32		40		10-120
Nitrobenzene-d5	77		79		23-120
2-Fluorobiphenyl	72		71		15-120
2,4,6-Tribromophenol	52		75		10-120
4-Terphenyl-d14	85		81		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: OLEAN GATEWAY-PARCEL-1
Project Number: 4387.0001B000

Lab Number: L2443777
Report Date: 04/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 04-05,09,11 Batch: WG1957565-2 WG1957565-3								
Acenaphthene	78		78		40-140	0		40
2-Chloronaphthalene	63		64		40-140	2		40
Fluoranthene	84		82		40-140	2		40
Hexachlorobutadiene	54		54		40-140	0		40
Naphthalene	66		67		40-140	2		40
Benzo(a)anthracene	79		76		40-140	4		40
Benzo(a)pyrene	96		92		40-140	4		40
Benzo(b)fluoranthene	91		82		40-140	10		40
Benzo(k)fluoranthene	88		90		40-140	2		40
Chrysene	85		81		40-140	5		40
Acenaphthylene	70		70		40-140	0		40
Anthracene	90		87		40-140	3		40
Benzo(ghi)perylene	88		84		40-140	5		40
Fluorene	78		77		40-140	1		40
Phenanthrene	82		80		40-140	2		40
Dibenzo(a,h)anthracene	96		92		40-140	4		40
Indeno(1,2,3-cd)pyrene	97		93		40-140	4		40
Pyrene	83		81		40-140	2		40
2-Methylnaphthalene	69		70		40-140	1		40
Pentachlorophenol	44		81		40-140	**59**	Q	40
Hexachlorobenzene	71		69		40-140	3		40
Hexachloroethane	65		66		40-140	2		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: OLEAN GATEWAY-PARCEL-1
Project Number: 4387.0001B000

Lab Number: L2443777
Report Date: 04/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 04-05,09,11 Batch: WG1957565-2 WG1957565-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	36		59		21-120
Phenol-d6	36		45		10-120
Nitrobenzene-d5	94		94		23-120
2-Fluorobiphenyl	66		64		15-120
2,4,6-Tribromophenol	50		74		10-120
4-Terphenyl-d14	81		79		41-149

Matrix Spike Analysis
Batch Quality Control

Project Name: OLEAN GATEWAY-PARCEL-1
Project Number: 4387.0001B000
Lab Number: L2443777
Report Date: 04/15/25

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): 03,06-07 QC Batch ID: WG1956631-4 WG1956631-5 QC Sample: L2443777-07 Client ID: W-5												
Bis(2-chloroethyl)ether	ND	20	17	85		14	70		40-140	19		30
3,3'-Dichlorobenzidine	ND	20	3.3J	**17**	Q	7.3	**37**	Q	40-140	**75**	Q	30
2,4-Dinitrotoluene	ND	20	19	95		14	70		48-143	30		30
2,6-Dinitrotoluene	ND	20	22	110		16	80		40-140	**32**	Q	30
4-Chlorophenyl phenyl ether	ND	20	16	80		13	65		40-140	21		30
4-Bromophenyl phenyl ether	ND	20	17	85		13	65		40-140	27		30
Bis(2-chloroisopropyl)ether	ND	20	18	90		14	70		40-140	25		30
Bis(2-chloroethoxy)methane	ND	20	18	90		14	70		40-140	25		30
Hexachlorocyclopentadiene	ND	20	13.J	65		9.5J	48		40-140	**31**	Q	30
Isophorone	ND	20	20	100		15	75		40-140	29		30
Nitrobenzene	ND	20	18	90		14	70		40-140	25		30
NDPA/DPA	ND	20	19	95		15	75		40-140	24		30
n-Nitrosodi-n-propylamine	ND	20	19	95		15	75		29-132	24		30
Bis(2-ethylhexyl)phthalate	ND	20	23	120		18	90		40-140	24		30
Butyl benzyl phthalate	ND	20	23	120		20	100		40-140	14		30
Di-n-butylphthalate	ND	20	22	110		18	90		40-140	20		30
Di-n-octylphthalate	ND	20	24	120		20	100		40-140	18		30
Diethyl phthalate	ND	20	20	100		16	80		40-140	22		30
Dimethyl phthalate	ND	20	19	95		15	75		40-140	24		30
Biphenyl	ND	20	15	75		11	55		40-140	**31**	Q	30
4-Chloroaniline	ND	20	12	60		14	70		40-140	15		30
2-Nitroaniline	ND	20	22	110		16	80		52-143	**32**	Q	30
3-Nitroaniline	ND	20	20	100		19	95		25-145	5		30

Matrix Spike Analysis
Batch Quality Control

Project Name: OLEAN GATEWAY-PARCEL-1
Project Number: 4387.0001B000
Lab Number: L2443777
Report Date: 04/15/25

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): 03,06-07 QC Batch ID: WG1956631-4 WG1956631-5 QC Sample: L2443777-07 Client ID: W-5												
4-Nitroaniline	ND	20	21	110		18	90		51-143	15		30
Dibenzofuran	ND	20	16	80		13	65		40-140	21		30
1,2,4,5-Tetrachlorobenzene	ND	20	13	65		9.7J	49		2-134	29		30
Acetophenone	ND	20	17	85		13	65		39-129	27		30
2,4,6-Trichlorophenol	ND	20	14	70		11	55		30-130	24		30
p-Chloro-m-cresol	ND	20	20	**100**	Q	16	80		23-97	22		30
2-Chlorophenol	ND	20	13	65		10	50		27-123	26		30
2,4-Dichlorophenol	ND	20	14	70		12	60		30-130	15		30
2,4-Dimethylphenol	ND	20	19	95		15	75		30-130	24		30
2-Nitrophenol	ND	20	12	60		10	50		30-130	18		30
4-Nitrophenol	ND	20	11	55		7.5J	38		10-80	**38**	Q	30
2,4-Dinitrophenol	ND	20	ND	**0**	Q	ND	**0**	Q	20-130	NC		30
4,6-Dinitro-o-cresol	ND	20	12	60		9.9J	50		20-164	19		30
Phenol	ND	20	8.1	41		8.9	45		12-110	9		30
2-Methylphenol	ND	20	16	80		12	60		30-130	29		30
3-Methylphenol/4-Methylphenol	ND	20	14	70		12	60		30-130	15		30
2,4,5-Trichlorophenol	ND	20	15	75		12	60		30-130	22		30
Carbazole	ND	20	21	110		16	80		55-144	27		30
Atrazine	ND	20	23	120		18	90		40-140	24		30
Benzaldehyde	ND	20	18	90		15	75		40-140	18		30
Caprolactam	ND	20	ND	**0**	Q	ND	**0**	Q	10-130	NC		30
2,3,4,6-Tetrachlorophenol	ND	20	13	65		11	55		40-140	17		30

Matrix Spike Analysis

Batch Quality Control

Project Name: OLEAN GATEWAY-PARCEL-1 ***Lab Number:*** L2443777

Project Number: 4387.0001B000 ***Report Date:*** 04/15/25

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): 03,06-07 QC Batch ID: WG1956631-4 WG1956631-5 QC Sample: L2443777-07 Client ID: W-5												

Surrogate	*MS % Recovery*	*MS Qualifier*	*MSD % Recovery*	*MSD Qualifier*	*Acceptance Criteria*
2,4,6-Tribromophenol	55		44		10-120
2-Fluorobiphenyl	81		58		15-120
2-Fluorophenol	43		36		21-120
4-Terphenyl-d14	79		65		41-149
Nitrobenzene-d5	84		67		23-120
Phenol-d6	36		31		10-120

Matrix Spike Analysis
Batch Quality Control

Project Name: OLEAN GATEWAY-PARCEL-1
Project Number: 4387.0001B000

Lab Number: L2443777
Report Date: 04/15/25

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-SIM - Westborough Lab Associated sample(s): 03,06-07 QC Batch ID: WG1956632-4 WG1956632-5 QC Sample: L2443777-07 Client ID: W-5												
Acenaphthene	ND	20	17	85		14	70		40-140	19		40
2-Chloronaphthalene	ND	20	17	85		13	65		40-140	27		40
Fluoranthene	ND	20	20	100		16	80		40-140	22		40
Hexachlorobutadiene	ND	20	14	70		11	55		40-140	24		40
Naphthalene	0.17	20	15	74		12	59		40-140	22		40
Benzo(a)anthracene	0.08J	20	20	100		16	80		40-140	22		40
Benzo(a)pyrene	0.07J	20	24	120		19	95		40-140	23		40
Benzo(b)fluoranthene	ND	20	22	110		17	85		40-140	26		40
Benzo(k)fluoranthene	ND	20	19	95		16	80		40-140	17		40
Chrysene	0.32	20	19	93		15	73		40-140	24		40
Acenaphthylene	ND	20	20	100		16	80		40-140	22		40
Anthracene	0.08J	20	20	100		16	80		40-140	22		40
Benzo(ghi)perylene	ND	20	27	140		22	110		40-140	20		40
Fluorene	0.12	20	18	89		15	74		40-140	18		40
Phenanthrene	0.12	20	20	99		16	79		40-140	22		40
Dibenzo(a,h)anthracene	ND	20	28	140		23	120		40-140	20		40
Indeno(1,2,3-cd)pyrene	ND	20	31	**160**	Q	24	120		40-140	25		40
Pyrene	ND	20	21	110		17	85		40-140	21		40
2-Methylnaphthalene	0.12	20	16	79		13	64		40-140	21		40
Pentachlorophenol	0.43J	20	18	90		13	65		40-140	32		40
Hexachlorobenzene	ND	20	20	100		16	80		40-140	22		40
Hexachloroethane	ND	20	16	80		12	60		40-140	29		40

Matrix Spike Analysis

Batch Quality Control

Project Name: OLEAN GATEWAY-PARCEL-1 ***Lab Number:*** L2443777

Project Number: 4387.0001B000 ***Report Date:*** 04/15/25

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-SIM - Westborough Lab Associated sample(s): 03,06-07 QC Batch ID: WG1956632-4 WG1956632-5 QC Sample: L2443777-07 Client ID: W-5

Surrogate	*MS % Recovery*	*MS Qualifier*	*MSD % Recovery*	*MSD Qualifier*	*Acceptance Criteria*
2,4,6-Tribromophenol	87		74		10-120
2-Fluorobiphenyl	85		69		15-120
2-Fluorophenol	42		36		21-120
4-Terphenyl-d14	87		71		41-149
Nitrobenzene-d5	97		77		23-120
Phenol-d6	38		32		10-120

METALS

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-02 Date Collected: 08/02/24 12:40

Client ID: W-4 Date Received: 08/02/24

Sample Location: OLEAN NY Field Prep: Refer to COC

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											
Arsenic, Total	0.0090		mg/l	0.0050	0.0019	1	08/07/24 00:00	08/07/24 08:24	EPA 3005A	19,200.7	TAA
Dissolved Metals - Mansfield Lab											
Arsenic, Dissolved	0.0175		mg/l	0.0050	0.0019	1	08/06/24 16:28	08/06/24 23:05	EPA 3005A	1,6010D	JMF

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-03 Date Collected: 07/31/24 15:07

Client ID: W-27 Date Received: 08/02/24

Sample Location: OLEAN 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											
Arsenic, Total	0.0036	J	mg/l	0.0050	0.0019	1	08/07/24 00:00	08/07/24 10:44	EPA 3005A	19,200.7	TAA
Lead, Total	0.0029	J	mg/l	0.0100	0.0027	1	08/07/24 00:00	08/07/24 10:44	EPA 3005A	19,200.7	TAA
Dissolved Metals - Mansfield Lab											
Arsenic, Dissolved	0.0019	J	mg/l	0.0050	0.0019	1	08/06/24 16:28	08/06/24 23:09	EPA 3005A	1,6010D	JMF
Lead, Dissolved	ND		mg/l	0.0100	0.0027	1	08/06/24 16:28	08/06/24 23:09	EPA 3005A	1,6010D	JMF

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-04 Date Collected: 08/01/24 11:25

Client ID: W-9 Date Received: 08/02/24

Sample Location: OLEAN 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											
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	08/07/24 00:00	08/07/24 10:50	EPA 3005A	19,200.7	TAA
Lead, Total	ND		mg/l	0.0100	0.0027	1	08/07/24 00:00	08/07/24 10:50	EPA 3005A	19,200.7	TAA
Dissolved Metals - Mansfield Lab											
Arsenic, Dissolved	ND		mg/l	0.0050	0.0019	1	08/06/24 16:28	08/06/24 23:21	EPA 3005A	1,6010D	JMF
Lead, Dissolved	ND		mg/l	0.0100	0.0027	1	08/06/24 16:28	08/06/24 23:21	EPA 3005A	1,6010D	JMF

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-06 Date Collected: 07/31/24 15:48

Client ID: W-26 Date Received: 08/02/24

Sample Location: OLEAN 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											
Arsenic, Total	0.0021	J	mg/l	0.0050	0.0019	1	08/07/24 00:00	08/07/24 10:57	EPA 3005A	19,200.7	TAA
Lead, Total	0.0214		mg/l	0.0100	0.0027	1	08/07/24 00:00	08/07/24 10:57	EPA 3005A	19,200.7	TAA
Dissolved Metals - Mansfield Lab											
Arsenic, Dissolved	ND		mg/l	0.0050	0.0019	1	08/06/24 16:28	08/06/24 23:25	EPA 3005A	1,6010D	JMF
Lead, Dissolved	ND		mg/l	0.0100	0.0027	1	08/06/24 16:28	08/06/24 23:25	EPA 3005A	1,6010D	JMF

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-07 Date Collected: 07/31/24 14:15

Client ID: W-5 Date Received: 08/02/24

Sample Location: OLEAN 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											
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	08/07/24 00:00	08/07/24 08:31	EPA 3005A	19,200.7	TAA
Lead, Total	ND		mg/l	0.0100	0.0027	1	08/07/24 00:00	08/07/24 08:31	EPA 3005A	19,200.7	TAA
Dissolved Metals - Mansfield Lab											
Arsenic, Dissolved	ND		mg/l	0.0050	0.0019	1	08/06/24 16:28	08/06/24 21:52	EPA 3005A	1,6010D	JMF
Lead, Dissolved	ND		mg/l	0.0100	0.0027	1	08/06/24 16:28	08/06/24 21:52	EPA 3005A	1,6010D	JMF

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-08 Date Collected: 08/01/24 12:15

Client ID: W-32 Date Received: 08/02/24

Sample Location: OLEAN 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											
Arsenic, Total	0.0106		mg/l	0.0050	0.0019	1	08/07/24 00:00	08/07/24 11:04	EPA 3005A	19,200.7	TAA
Dissolved Metals - Mansfield Lab											
Arsenic, Dissolved	0.0055		mg/l	0.0050	0.0019	1	08/06/24 16:28	08/06/24 23:29	EPA 3005A	1,6010D	JMF

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-09 Date Collected: 08/01/24 14:00

Client ID: W-3 Date Received: 08/02/24

Sample Location: OLEAN 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											
Arsenic, Total	0.0050		mg/l	0.0050	0.0019	1	08/07/24 00:00	08/07/24 11:10	EPA 3005A	19,200.7	TAA
Dissolved Metals - Mansfield Lab											
Arsenic, Dissolved	0.0020	J	mg/l	0.0050	0.0019	1	08/06/24 16:28	08/06/24 23:33	EPA 3005A	1,6010D	JMF

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

SAMPLE RESULTS

Lab ID: L2443777-11 Date Collected: 08/01/24 08:00

Client ID: BLIND DUP Date Received: 08/02/24

Sample Location: OLEAN 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											
Arsenic, Total	0.0057		mg/l	0.0050	0.0019	1	08/07/24 00:00	08/07/24 11:17	EPA 3005A	19,200.7	TAA
Dissolved Metals - Mansfield Lab											
Arsenic, Dissolved	ND		mg/l	0.0050	0.0019	1	08/06/24 16:28	08/06/24 23:37	EPA 3005A	1,6010D	JMF

Project Name: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 02-04,06-09,11 Batch: WG1956027-1										
Arsenic, Dissolved	ND		mg/l	0.0050	0.0019	1	08/06/24 16:28	08/06/24 21:44	1,6010D	JMF
Lead, Dissolved	ND		mg/l	0.0100	0.0027	1	08/06/24 16:28	08/06/24 21:44	1,6010D	JMF

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): 02-04,06-09,11 Batch: WG1956071-1										
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	08/07/24 00:00	08/07/24 07:57	19,200.7	TAA
Lead, Total	ND		mg/l	0.0100	0.0027	1	08/07/24 00:00	08/07/24 07:57	19,200.7	TAA

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis
Batch Quality Control

Project Name: OLEAN GATEWAY-PARCEL-1
Project Number: 4387.0001B000

Lab Number: L2443777
Report Date: 04/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 02-04,06-09,11 Batch: WG1956027-2								
Arsenic, Dissolved	99		-		80-120	-		
Lead, Dissolved	104		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 02-04,06-09,11 Batch: WG1956071-2								
Arsenic, Total	95		-		85-115	-		
Lead, Total	98		-		85-115	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: OLEAN GATEWAY-PARCEL-1
Project Number: 4387.0001B000

Lab Number: L2443777
Report Date: 04/15/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 02-04,06-09,11 QC Batch ID: WG1956027-3 WG1956027-4 QC Sample: L2443777-07 Client ID: W-5												
Arsenic, Dissolved	ND	0.12	0.123	102		0.124	103		75-125	1		20
Lead, Dissolved	ND	0.53	0.534	101		0.533	100		75-125	0		20
Total Metals - Mansfield Lab Associated sample(s): 02-04,06-09,11 QC Batch ID: WG1956071-3 WG1956071-4 QC Sample: L2443777-07 Client ID: W-5												
Arsenic, Total	ND	0.12	0.120	100		0.119	99		75-125	1		20
Lead, Total	ND	0.53	0.503	95		0.499	94		75-125	1		20

Project Name: OLEAN GATEWAY-PARCEL-1
Project Number: 4387.0001B000

Lab Number: L2443777
Report Date: 04/15/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2443777-01A	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2443777-01B	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2443777-01C	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2443777-01D	Amber 100ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2443777-01E	Amber 100ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2443777-02A	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2443777-02B	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2443777-02C	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2443777-02D	Amber 100ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2443777-02E	Amber 100ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2443777-02F	Plastic 250ml HNO3 preserved	A	<2	<2	2.3	Y	Absent		AS-SI(180)
L2443777-02G	Plastic 250ml HNO3 preserved	A	<2	<2	2.3	Y	Absent		AS-UI(180)
L2443777-03A	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2443777-03B	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2443777-03C	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2443777-03D	Amber 100ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2443777-03E	Amber 100ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2443777-03F	Plastic 250ml unpreserved	A	7	7	2.3	Y	Absent		-
L2443777-03G	Plastic 250ml HNO3 preserved	A	<2	<2	2.3	Y	Absent		PB-UI(180),AS-UI(180)
L2443777-03X	Plastic 120ml HNO3 preserved Filtrates	A	NA		2.3	Y	Absent		PB-SI(180),AS-SI(180)

*Values in parentheses indicate holding time in days

Project Name: OLEAN GATEWAY-PARCEL-1
Project Number: 4387.0001B000

Lab Number: L2443777
Report Date: 04/15/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2443777-04A	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2443777-04B	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2443777-04C	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2443777-04D	Amber 100ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2443777-04E	Amber 100ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2443777-04F	Plastic 250ml unpreserved	A	7	7	2.3	Y	Absent		-
L2443777-04G	Plastic 250ml HNO3 preserved	A	<2	<2	2.3	Y	Absent		AS-UI(180),PB-UI(180)
L2443777-04X	Plastic 120ml HNO3 preserved Filtrates	A	NA		2.3	Y	Absent		PB-SI(180),AS-SI(180)
L2443777-05A	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2443777-05B	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2443777-05C	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2443777-05D	Amber 100ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2443777-05E	Amber 100ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2443777-06A	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2443777-06B	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2443777-06C	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2443777-06D	Amber 100ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2443777-06E	Amber 100ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2443777-06F	Plastic 250ml unpreserved	A	7	7	2.3	Y	Absent		-
L2443777-06G	Plastic 250ml HNO3 preserved	A	<2	<2	2.3	Y	Absent		AS-UI(180),PB-UI(180)
L2443777-06X	Plastic 120ml HNO3 preserved Filtrates	A	NA		2.3	Y	Absent		PB-SI(180),AS-SI(180)
L2443777-07A	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2443777-07A1	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2443777-07A2	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2443777-07B	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2443777-07B1	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2443777-07B2	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2443777-07C	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2443777-07C1	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2443777-07C2	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2443777-07D	Amber 100ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2443777-07D1	Amber 100ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2443777-07D2	Amber 100ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2443777-07E	Amber 100ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2443777-07E1	Amber 100ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2443777-07E2	Amber 100ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2443777-07F	Plastic 250ml unpreserved	A	7	7	2.3	Y	Absent		-
L2443777-07F1	Plastic 250ml unpreserved	A	7	7	2.3	Y	Absent		-
L2443777-07F2	Plastic 250ml unpreserved	A	7	7	2.3	Y	Absent		-
L2443777-07G	Plastic 250ml HNO3 preserved	A	<2	<2	2.3	Y	Absent		PB-UI(180),AS-UI(180)
L2443777-07G1	Plastic 250ml HNO3 preserved	A	<2	<2	2.3	Y	Absent		PB-UI(180),AS-UI(180)
L2443777-07G2	Plastic 250ml HNO3 preserved	A	<2	<2	2.3	Y	Absent		PB-UI(180),AS-UI(180)
L2443777-07X	Plastic 120ml HNO3 preserved Filtrates	A	NA		2.3	Y	Absent		PB-SI(180),AS-SI(180)
L2443777-07X1	Plastic 120ml HNO3 preserved Filtrates	A	NA		2.3	Y	Absent		PB-SI(180),AS-SI(180)
L2443777-07X2	Plastic 120ml HNO3 preserved Filtrates	A	NA		2.3	Y	Absent		PB-SI(180),AS-SI(180)
L2443777-08A	Plastic 250ml unpreserved	A	7	7	2.3	Y	Absent		-
L2443777-08B	Plastic 250ml HNO3 preserved	A	<2	<2	2.3	Y	Absent		AS-UI(180)
L2443777-08X	Plastic 120ml HNO3 preserved Filtrates	A	NA		2.3	Y	Absent		AS-SI(180)
L2443777-09A	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2443777-09B	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2443777-09C	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name: OLEAN GATEWAY-PARCEL-1
Project Number: 4387.0001B000

Lab Number: L2443777
Report Date: 04/15/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2443777-09D	Amber 100ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2443777-09E	Amber 100ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2443777-09F	Plastic 250ml unpreserved	A	7	7	2.3	Y	Absent		-
L2443777-09G	Plastic 250ml HNO3 preserved	A	<2	<2	2.3	Y	Absent		AS-UI(180)
L2443777-09X	Plastic 120ml HNO3 preserved Filtrates	A	NA		2.3	Y	Absent		AS-SI(180)
L2443777-10A	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2443777-10B	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2443777-10C	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2443777-10D	Amber 100ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2443777-10E	Amber 100ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2443777-11A	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2443777-11B	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2443777-11C	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2443777-11D	Amber 100ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2443777-11E	Amber 100ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2443777-11F	Plastic 250ml unpreserved	A	7	7	2.3	Y	Absent		-
L2443777-11G	Plastic 250ml HNO3 preserved	A	<2	<2	2.3	Y	Absent		AS-UI(180)
L2443777-11X	Plastic 120ml HNO3 preserved Filtrates	A	NA		2.3	Y	Absent		AS-SI(180)
L2443777-11Y	Plastic 120ml HNO3 preserved Filtrates	A	NA		2.3	Y	Absent		AS-SI(180)
L2443777-12A	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2443777-12B	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name:	OLEAN GATEWAY-PARCEL-1	**Lab Number:**	L2443777
Project Number:	4387.0001B000	**Report Date:**	04/15/25

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	OLEAN GATEWAY-PARCEL-1	**Lab Number:**	L2443777
Project Number:	4387.0001B000	**Report Date:**	04/15/25

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

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

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	OLEAN GATEWAY-PARCEL-1	**Lab Number:**	L2443777
Project Number:	4387.0001B000	**Report Date:**	04/15/25

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were 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: OLEAN GATEWAY-PARCEL-1 **Lab Number:** L2443777

Project Number: 4387.0001B000 **Report Date:** 04/15/25

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

19 Inductively Coupled Plasma Atomic Emission Spectrometric Method for Trace Element Analysis of Water and Wastes. Appendix C, Part 136, 40 CFR (Code of Federal Regulations). July 1, 1999 edition.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY JY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 3090, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

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: 8/3/24

ALPHA Job #: L2443777

Client Information
Client: Roux Env Eng & Geo
Address: 2558 Hamburg Turnpike
Buffalo, NY 14218
Phone: 716-858-0595
Fax:
Email: Charlotte Clark

Project Information
Project Name: Olean Gateway - Parcel - 1
Project Location: Olean NY
Project #: 4387.0001 B000
(Use Project name as Project #) ☑
Project Manager: Charlotte Clark
ALPHAQuote #:

Turn-Around Time
Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information
☐ Same as Client Info
PO #

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
W-4 SOL AS WAS Field Filtered *

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 + CP-51 + TIC 8260 VOC	TCL + CP-51 + TIC 8270 SVOC	TPH GRO	SOL AS	TOT PB	DIS PB	Sample Specific Comments	Total Bottle
L43777-01	W-30	8/2/24	1117	W	RD/TB	✓	✓						
02	W-4 *	8/2/24	1240		RD/TB	✓	✓	✓	✓				
03	W-27	8/2/24	1504		MF/TB	✓	✓	✓	✓	✓	✓		
04	W-5	8/1/24	1123			✓	✓	✓	✓	✓	✓		
05	W-31	8/1/24	1320			✓	✓						
06	W-26	8/1/24	1547			✓	✓	✓	✓	✓	✓		
07	W-5 ✓	8/1/24	1411			✓	✓	✓	✓	✓	✓		
08	W-32	8/1/24	1210					✓	✓				
07	W-5 MS	8/1/24	1411			✓	✓	✓	✓	✓	✓		
↓	W-5 MSD	8/1/24	1411	↓	↓	✓	✓	✓	✓	✓	✓		

Container Type: V A P P P P
Preservative: B A C C C 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
	8/2/24 1500	C. Quigley Race	8-2-24 1630
C. Quigley Race	8-2-24 1685	Batt Sc	8-2-24 1635
Russell B Roby	8-2-24		8-2-24 2240
	8-2-24 0130		2240

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)

08103124-0130

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: 8/3/24

ALPHA Job #: L2443777

Client Information
Client: Roux Env Eng & Geo
Address: 2558 Hamburg Turnpike
Buffalo, NY 14218
Phone: 716-858-0515
Fax:
Email: charbie Clark

Project Information
Project Name: Olean Gateway Parcel - 1
Project Location: Olean NY
Project #: 4387.001B000
(Use Project name as Project #) ☑
Project Manager: Charbie Clark
ALPHAQuote #:

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 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+CP-51+TIC 8260 VOC	TCL+CP-51+TIC 8270 SVOC	TOT AS	SOL AS					Sample Specific Comments	Total Bottle
43777-09	W-3	8/1/24	1358	W	MF/TB	✓	✓	✓	✓						
-10	W-7A	8/2/24	1032	W	RD/TB	✓	✓	✓							
-11	Blind Dup	8/1/24	1200	W		✓	✓	✓	✓						
-12	Trip Blank	8/2/24	1000	W		✓									

Container Type: V A P P
Preservative: B A C C

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
	8/2/24 1540	C. Quigley Race	8-2-24 1630
C. Quigley Race	8-2-24 1635		8-2-24 1635
Russell B Bixby	8-2-24 2010		8-2-24
	8-2-24 0130		2300

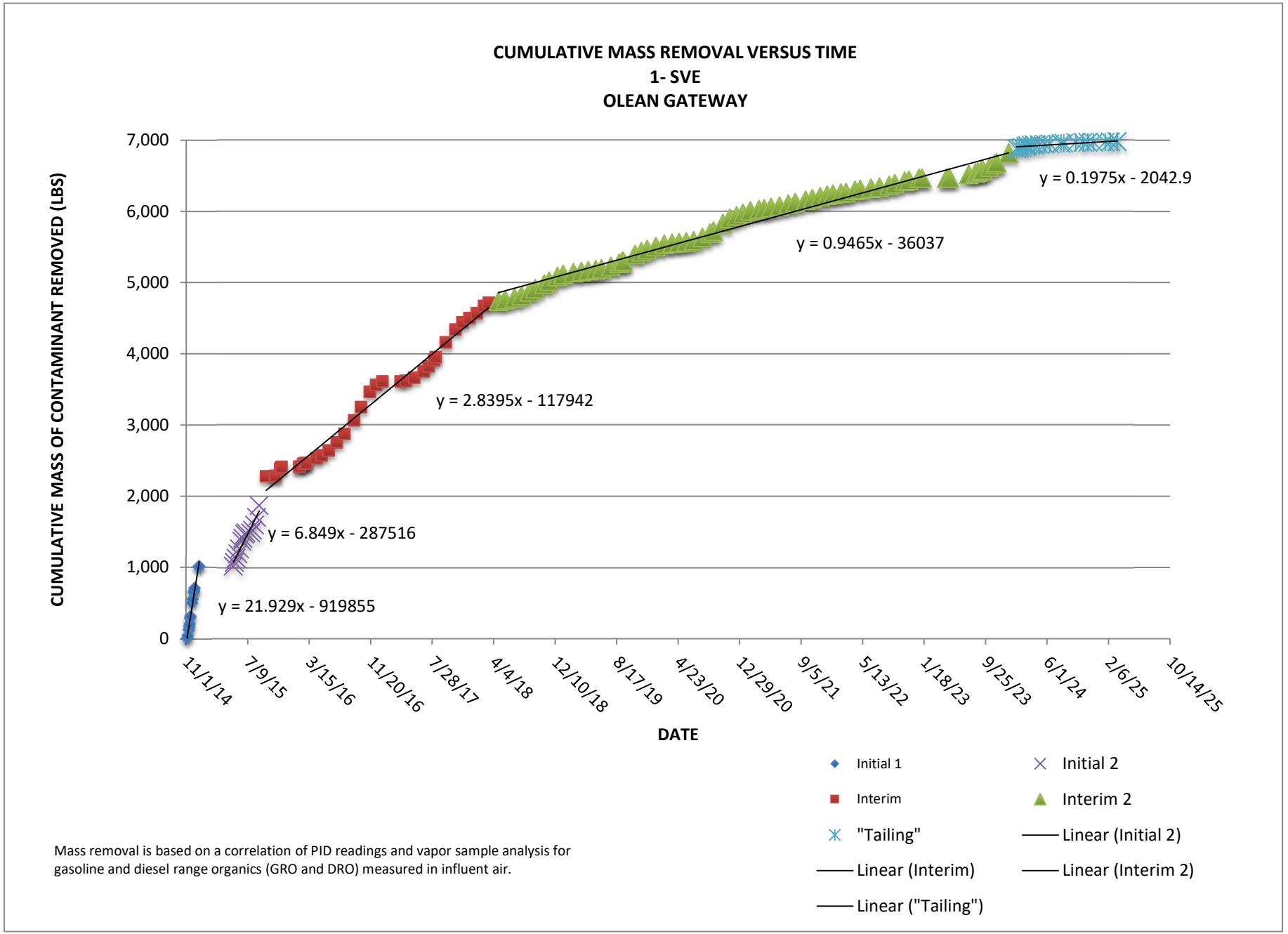
Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

08103124-v1.0

APPENDIX D

SVE System Documentation



Mass removal is based on a correlation of PID readings and vapor sample analysis for gasoline and diesel range organics (GRO and DRO) measured in influent air.

ROUX

Table D-1 - Summary of SVE System VOC Mass Removal

BCP PARCEL 1
Olean, New York

Date	SVE Operation Time	Influent (Untreated) PID Reading	Effluent PID Reading Biofilter	Corrected Influent Concentration[1]	Vacuum	Volume of Air Processed Since Previous Reading	Rate of VOC Removal	VOCs Removed Since Last Monitoring Period	Total VOC Removal to Date	Notes
	(days)	(ppm)	(ppm)	(mg/m^3)	(in of H_2O)	(CF)	(lb/day)	(lb)	(lb)	
11/4/14	0	260	30	675	13.5	0	0.0			
11/5/14	1	385	30	1000	14.0	215604	17.5	6.7	7	
11/7/14	3	420	30	1091	14.0	495307	16.5	34.7	41	
11/11/14	7	477	35	1239	14.0	1203304	21.6	82.1	124	
11/13/14	9	662	30	1720	14.5	474912	30.0	43.9	167	
11/14/14	10	657	30	1707	15.0	323406	29.8	34.6	202	
11/17/14	13	634	30	1647	15.0	836194	28.8	87.5	290	
11/18/14	14	685	30	1779	14.0	212690	31.1	22.8	312	
11/24/14	20	658	30	1709	16.0	1749112	29.9	190.5	503	
11/26/14	22	440	30	1143	16.0	573002	20.0	51.0	554	
12/1/14	27	440	11	1143	17.0	1351896	20.0	96.5	650	
12/2/14	28	417	30	1083	14.0	323406	18.9	22.5	673	
12/4/14	30	380	30	987	16.0	544837	17.2	35.2	708	
12/22/14	48	345	20	896	15.0	5028819	15.7	295.7	1,004	
12/23/14	49	360	20	935	15.0	244740	16.3	14.0	1,018	System off
5/11/15	49	205	20	533	16.0	0	0.0	0.0	1,018	
5/15/15	53	205	15	533	13.0	1087504	8.4	53.0	1,071	System restarted
5/22/15	60	201	5	522	12.0	1786047	8.3	58.8	1,129	
5/29/15	67	220	10	571	11.5	1770171	9.1	60.4	1,190	
6/5/15	74	235	15	610	12.0	2088404	11.4	71.4	1,261	
6/15/15	84	210	10	545	12.0	2996813	10.2	108.1	1,369	
6/19/15	88	185	10	481	13.0	1211212	9.0	38.8	1,408	
6/26/15	95	150	10	390	12.0	2091526	7.3	56.8	1,465	
7/1/15	100	0	10	0	12.0	1498406	0.0	18.2	1,483	Blower Failed
7/21/15	100	180	10	468	13.0	0	0.0	0.0	1,483	Blower Replaced
7/28/15	108	210	10	545	13.0	2228880	10.2	38.0	1,521	
8/5/15	116	165	10	429	13.0	2430748	8.0	73.9	1,595	
8/14/15	124	330	10	857	14.0	2638860	16.0	105.9	1,701	
8/24/15	135	350	15	909	13.0	3040516	17.0	167.7	1,869	
9/21/15	163	250	10	649	12.0	8434780	12.2	410.4	2,279	
10/26/15	163	250	10	649	12.0	0	0.0	0.0	2,279	Power line hit by contractor; system down
10/29/15	166	110	5	286	15.0	917774	5.3	8.2	2,287	Restart system
11/17/15	185	105	5	273	15.0	5668971	5.1	98.8	2,386	System shut down (frozen tank)
11/23/15	190	105	5	273	15.0	1617030	5.1	27.5	2,414	System shut down (frozen tank)
2/4/16	190	50	5	130	14.0	0	0.0	0.0	2,414	System restarted
2/5/16	192	55	5	143	14.0	511956	2.7	2.3	2,416	
2/19/16	206	65	10	169	14.0	3463935	2.6	36.7	2,453	
2/26/16	212			0		1716270	0.0	9.0	2,462	System shut down for maintenance; knock-out valve malfunction
3/1/16	212			0		0	0.0	0.0	2,462	Repair knock-out valve
3/4/16	215	40	10	104	18.0	753484	1.6	2.4	2,464	
4/13/16	256	45	5	117	17.0	10145877	1.8	69.9	2,534	
5/3/16	276	50	5	130	18.0	5096485	2.0	39.3	2,573	
6/2/16	306	58	2	151	17.0	8185581	2.6	68.9	2,642	
7/5/16	339	100	10	260	16.0	8979022	4.4	115.0	2,757	
8/5/16	370	75	3	195	15.0	8510949	3.3	120.8	2,878	
9/13/16	409	140	10	364	15.0	10720028	6.2	186.9	3,065	
10/11/16	437	160	10	416	17.0	7711799	7.1	187.6	3,253	
11/16/16	473	110	5	286	18.0	9852379	4.9	215.7	3,468	
12/12/16	499	60	5	156	32.0	7115290	2.7	98.1	3,567	
1/6/17	524	25	5	65	37.0	6818463	1.1	47.0	3,614	Blower motor failure; new blower ordered.
3/21/17	524	20	1	52	16.0	0	0.0	0.0	3,614	Blower replaced
4/11/17	545	15	2	39	27.5	5759589	0.7	7.0	3,621	
5/15/17	579	45	2	117	26.0	9275850	2.0	45.1	3,666	
6/23/17	618	59	1.5	153	25.0	10674362	2.6	90.0	3,756	
7/14/17	639	85	2.5	221	24.0	5753881	3.8	67.2	3,823	
8/4/17	660	114.7	4.1	298	23.0	5796692	5.1	93.9	3,917	
8/11/17	667	115.3	4	300	23.0	1914155	5.1	35.7	3,952	
9/21/17	708	113.8	3.7	296	23.0	11297509	5.1	209.9	4,162	
10/30/17	747	95.5	13.8	248	20.0	10631551	4.2	180.5	4,343	
11/28/17	776	60	12	156	24.0	7895413	2.7	99.6	4,442	
12/26/17	804	38.4	3.4	100	27.0	7673744	1.7	61.2	4,504	
1/25/18	834	65	33.8	169	48.0	8222684	2.9	68.9	4,573	
2/23/18	863	90	NA	234	48.0	7951544	4.0	99.9	4,673	

ROUX

Table D-1 - Summary of SVE System VOC Mass Removal

BCP PARCEL 1
Olean, New York

Date	SVE Operation Time	Influent (Untreated) PID Reading	Effluent PID Reading Biofilter	Corrected Influent Concentration[1]	Vacuum	Volume of Air Processed Since Previous Reading	Rate of VOC Removal	VOCs Removed Since Last Monitoring Period	Total VOC Removal to Date	Notes
	(days)	(ppm)	(ppm)	(mg/m^3)	(in of H_2O)	(CF)	(lb/day)	(lb)	(lb)	
3/15/18	882	9.6	1.2	25	48.0	5357160	0.4	43.3	4,716	
4/23/18	921	19.2	1.1	50	40.0	10685779	0.9	25.0	4,741	
5/21/18	949	15.2	1.4	39	48.0	7671841	0.7	21.4	4,762	
6/28/18	987	14.2	3.6	37	45.0	10411784	0.6	24.8	4,787	
7/26/18	1015	34	5	88	49.0	7671841	1.5	30.0	4,817	
8/27/18	1047	43	5	112	38.0	8767818	1.9	54.7	4,872	
9/20/18	1071	37.8	7	98	45.0	6575864	1.7	43.1	4,915	
10/26/18	1108	43.2	4.3	112	43.0	9985571	1.9	65.6	4,980	
11/15/18	1128	47.4	6.7	123	48.0	5477984	2.1	40.2	5,021	
12/20/18	1162	39.7	4.2	103	45.0	9469929	1.8	66.9	5,088	
1/11/19	1184	17.2	2.3	45	30.0	6027875	0.8	27.8	5,115	
2/22/19	1226	9.8	0.2	25	21.0	11507762	0.4	25.2	5,141	
03/26/19	1258	10.2	0.7	26	18.0	8767818	0.5	14.2	5,155	
04/24/19	1287	11.1	0.8	29	22.0	7945835	0.5	13.7	5,168	
05/24/19	1317	8.2	0.6	21	25.0	8219830	0.4	12.9	5,181	
06/17/19	1341	17.4	0.1	45	28.5	6575864	0.8	13.7	5,195	
07/25/19	1379	21.3	0.1	55	35.0	10411784	0.9	32.7	5,228	
08/27/19	1412	36.9	0.1	96	36.0	9041813	1.6	42.7	5,270	
09/09/19	1425	50.1	0.9	130	36.0	3561926	2.2	25.1	5,295	
09/12/19	1428	56.4	1.2	147	35.0	821983	2.5	7.1	5,303	
10/31/19	1477	29.8	0.1	77	35.0	13425722	1.3	93.9	5,396	
11/25/19	1502	34.7	0.1	90	34.0	6849858	1.5	35.8	5,432	
12/19/19	1526	27.8	0	72	35.0	6575864	1.2	33.3	5,466	
01/24/20	1562	24.9	0	65	35.0	9863796	1.1	42.2	5,508	
02/27/20	1596	13.9	0	36	35.0	9315807	0.6	29.3	5,537	
03/30/20	1628	8.8	0	23	18.5	8767818	0.4	16.1	5,553	
04/27/20	1656	5.6	0	14	18.0	7671841	0.2	8.9	5,562	
05/26/20	1685	10.4	0	26	35.0	7945835	0.4	10.0	5,572	
06/25/20	1715	15.1	0	38	36.0	8219830	0.7	16.5	5,589	
07/31/20	1751	44.1	0	111	34.2	9863796	1.9	45.9	5,634	
08/31/20	1782	49.7	0.4	125	32.1	8493824	2.1	62.7	5,697	
09/14/20	1796	36.4	1.2	92	31.2	3835921	1.6	26.0	5,723	
10/22/20	1834	94.6	0.9	238	29.2	10411784	4.1	107.3	5,830	
11/19/20	1862	25.6	0.7	65	32.0	7671841	1.1	72.5	5,903	
12/17/20	1890	31.4	0.5	79	34.0	7671841	1.4	34.4	5,937	
01/11/21	1915	34.9	0.3	88	30.7	6849858	1.5	35.7	5,973	
02/11/21	1946	15.6	0.1	39	32.2	8493824	0.7	33.7	6,007	
03/18/21	1981	11.1	0	28	30.1	9589801	0.5	20.1	6,027	
04/08/21	2002	12.3	0.3	31	33.0	5753881	0.5	10.6	6,038	
05/06/21	2030	15.7	0.3	40	32.1	7671841	0.7	16.9	6,055	
06/09/21	2064	13.5	0.2	34	32.0	9315807	0.6	21.4	6,076	
07/15/21	2100	20.2	0.1	51	34.0	9863796	0.9	26.2	6,102	
08/12/21	2128	16.1	0.2	41	36.0	7671841	0.7	21.9	6,124	
09/23/21	2170	18.8	0.2	47	36.0	11507762	0.8	31.6	6,156	
10/21/21	2198	19.9	0.2	50	32.0	7671841	0.9	23.4	6,179	
11/22/21	2230	20.8	0.2	52	31.0	8767818	0.9	28.1	6,207	
12/20/21	2258	16.1	0.2	41	32.0	7671841	0.7	22.3	6,229	
01/13/22	2282	10.7	0.1	27	33.0	6575864	0.5	13.9	6,243	
02/14/22	2314	8.9	0	22	32.0	8767818	0.4	13.5	6,257	
03/07/22	2335	6.7	0	17	34.0	5753881	0.3	7.1	6,264	
04/12/22	2371	33	0	83	34.0	9863796	1.4	30.8	6,295	
05/03/22	2392	6.1	0.1	15	34.0	5753881	0.3	17.7	6,312	
06/16/22	2436	8.3	0	21	30.1	12055750	0.4	13.7	6,326	
07/21/22	2471	14.9	0	27	31.0	9589801	0.5	14.2	6,340	
08/29/22	2510	27.5	0	49	32.0	10685779	0.8	25.2	6,365	
09/21/22	2533	44.2	0	79	32.0	6301870	1.3	25.2	6,391	
10/31/22	2573	13.6	0	24	34.5	10959773	0.4	35.3	6,426	
11/18/22	2591	33.2	0.9	59	34.0	4931898	1.0	12.9	6,439	
12/29/22	2632	10.1	0.5	18	30.1	11233767	0.3	27.1	6,466	
01/10/23	2644	8	0	14	30.0	3287932	0.2	3.3	6,469	
04/20/23	2644	13.9	0	25	24.0	0	0.0	0.0	6,469	
05/01/23	2655	6.5	0	28	25.9	3013938	0.5	2.6	6,472	

ROUX

Table D-1 - Summary of SVE System VOC Mass Removal

BCP PARCEL 1
Olean, New York

Date	SVE Operation Time	Influent (Untreated) PID Reading	Effluent PID Reading Biofilter	Corrected Influent Concentration[1]	Vacuum	Volume of Air Processed Since Previous Reading	Rate of VOC Removal	VOCs Removed Since Last Monitoring Period	Total VOC Removal to Date	Notes
	(days)	(ppm)	(ppm)	(mg/m^3)	(in of H_2O)	(CF)	(lb/day)	(lb)	(lb)	
07/19/23	2734	9.9	0.2	43	25.4	21645552	0.7	47.7	6,519	
08/15/23	2761	13.5	0.1	58	22.6	7397847	1.0	23.3	6,543	
08/24/23	2770	17.5	0.5	75	22.4	2465949	1.3	10.3	6,553	
09/07/23	2784	13.3	0.1	57	22.2	3835921	1.0	15.9	6,569	
09/14/23	2791	21.9	0.1	94	23.6	1917960	1.6	9.1	6,578	
10/12/23	2819	23.8	0	103	25.4	7671841	1.8	47.2	6,625	
10/31/23	2838	33.7	0	145	22.2	5205892	2.5	40.3	6,665	
11/09/23	2847	33.1	0.1	143	23.8	2465949	2.4	22.2	6,688	
12/28/23	2896	40.4	2.1	174	24.9	13425722	3.0	132.7	6,820	
01/29/24	2928	12.7	1.7	55	38.5	8767818	0.9	62.6	6,883	
02/08/24	2938	5.0	0.1	22	26.8	2739943	0.4	6.5	6,889	
02/20/24	2950	14.2	0.7	61	21.3	3287932	1.0	8.5	6,898	
03/07/24	2966	15.7	0.3	68	23.4	4383909	1.2	17.6	6,915	
03/14/24	2973	15.3	0.2	66	16.5	1917960	1.1	8.0	6,923	
03/28/24	2987	4.4	0.2	19	11.9	3835921	0.3	10.2	6,934	
04/11/24	3001	1.9	0.3	8	18.4	3835921	0.1	3.3	6,937	
05/02/24	3022	2.0	0.2	9	19.4	5753881	0.1	3.0	6,940	
05/23/24	3043	2.7	0	12	20.3	5753881	0.2	3.6	6,944	
06/13/24	3064	2.9	0.1	12	18.9	5753881	0.2	4.3	6,948	
07/28/24	3109	2.4	0.1	10	19.3	12329745	0.2	8.8	6,957	
08/08/24	3120	2.3	0	10	20.2	3013938	0.2	1.9	6,959	
09/26/24	3169	2.4	0	10	21.3	13425722	0.2	8.5	6,967	
10/25/24	3198	0.6	0	3	29.3	7945835	0.0	3.2	6,970	
11/14/24	3218	0	0	0	26.5	5479887	0.0	0.4	6,971	
12/07/24	3241	0	0	0	28.5	6301870	0.0	0.0	6,971	
01/23/25	3288	1.7	0	7	24.6	12877733	0.1	2.9	6,974	
02/14/25	3310	2	0	9	28.7	6027875	0.1	3.0	6,977	
03/12/25	3336	2.3	0	10	29.6	7123853	0.2	4.1	6,981	
03/14/25	3338	2.9	0	12	28.3	547989	0.2	0.4	6,981	

Notes:

1. The estimated mass of contamination recovered is based on ratio of the sum of the gasoline and diesel range organics (GRO and DRO) as measured by a vapor sample collected with a summa canister to the contemporaneous PID reading. Sample from 4/15/2020 had a concentration of GRO and DRO of 12.6 mg/cubic meter which equates to a 2.52 ratio to the PID reading; Sample from 6/27/2022 had a concentration of GRO and DRO of 24.8 mg/cubic meter which equates to a 1.78 ratio to the PID reading; Sample from 5/1/2023 had a concentrations of GRO and DRO of 28.0 mg/cubic meter which equates to a 4.31 ratio to the PID reading.

TABLE D-2
SUMMARY OF SVE SYSTEM 1

OLEAN REDEVELOPMENT PARCEL 1
NYSDEC BCP SITE NO. C905031
OLEAN, NEW YORK

Date	Well	PID	Vacuum	System PID (ppm)	Notes
8/8/24	1-SVE-1	0.0	off	Influent: 2.3	SVE System 1 Vacuum: 20.2 inches H_2O
	1-SVE-2	0.0	off		
	1-SVE-3	0.8	9.7		
	1-SVE-4	0.0	off		
	1-SVE-5	0.0	off		
	1-SVE-6	1.2	16.3		
	1-SVE-7	0.9	14.0		
11/14/24	1-SVE-1	0.0	off	Influent: 0.0	SVE System 1 Vacuum: 26.5 inches H_2O
	1-SVE-2	0.0	off		
	1-SVE-3	0.0	12.8		
	1-SVE-4	0.0	off		
	1-SVE-5	0.0	off		
	1-SVE-6	0.0	19.3		
	1-SVE-7	0.0	20.2		
2/14/25	1-SVE-1	0.0	off	Influent: 2.0	SVE System 1 Vacuum: 28.7 inches H_2O
	1-SVE-2	0.0	off		
	1-SVE-3	0.0	16.9		
	1-SVE-4	0.0	off		
	1-SVE-5	0.0	off		
	1-SVE-6	0.3	22.7		
	1-SVE-7	0.1	23.1		