Sterling Environmental Engineering, P.C.

PERIODIC REVIEW REPORT
Reporting Period of May 31, 2022 through May 31, 2025

ORANGE COUNTY LANDFILL
NYSDEC SITE NO. 336007
ROUTE 17M, GOSHEN, NEW YORK

Prepared for:

Orange County Department of Public Works
Division of Environmental Facilities and Services
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June 27, 2025

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NYSDEC SITE NO. 336007
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CERTIFICATION

I, Andrew M. Millspaugh, P.E., certify that I am a New York State registered professional engineer and that this Periodic Review Report (PRR) was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the Division of Environmental Remediation (DER) Technical Guidance for Site Investigation and Remediation (DER-10) and that all activities were performed in accordance with the DER-approved work plan and any DER-approved modifications.

Andrew M. Millspaugh, P.E. — Date: 06/27/2025

EXECUTIVE SUMMARY

The Orange County Landfill (Landfill) is located in the Town of Goshen, Orange County, New York (refer to Figure 1) and is registered as an Inactive Hazardous Waste Disposal Site ("the Site"), Registry No. 3-36-007 by the New York State Department of Environmental Conservation (NYSDEC). On May 5, 2023, the Landfill was re-classified as a “Class 4” Inactive Hazardous Waste Site indicating that the Landfill has been properly closed and is subject to ongoing site management.

The NYSDEC issued a Record of Decision (ROD) on January 28, 1994 for Operable Unit 2 that required construction of a final cover over the Landfill waste mass, which was completed in 1995. A second ROD addressing the Site as a whole, including any contamination that may have migrated from the waste mass, was issued on March 26, 1998 for Operable Unit 1. The selected remedies for the Landfill include Institutional Controls (IC) through a Declaration of Covenants and Restrictions that restricts disturbance of the Landfill cover and places restrictions on site uses, and Engineering Controls (EC) provided by the Landfill cover and leachate collection systems, air and water quality monitoring, and regular inspections and maintenance activities. Post-closure water and air quality monitoring, leachate removal, and inspections and maintenance at the Landfill have been provided by Orange County since 1996.

The NYSDEC and Orange County entered into an Order on Consent and Administrative Settlement Index No: A3-0829-14-05 dated December 31, 2014, requiring completion of a Long-Term Seep Elimination Feasibility Study (FS) and preparation and implementation of a Remedial Action Work Plan (RAWP) to eliminate exposures to surface or subsurface soils and groundwater that contain elevated levels of landfill-derived contaminants and restrict migration of contaminants to the environment. Corrective Measures consisted of removal of accessible seep-impacted soil/sediment from the northern bank of the Cheechunk Canal, as well as hydraulic containment through continued operation, maintenance, and monitoring (OM&M) of an onsite groundwater extraction and recovery system.

The remedial program implemented at the Landfill has been successful in meeting the remedial objectives set forth in the RODs. Leachate generation and contaminant migration through groundwater has been reduced, contaminated surface run-off and direct human/animal contact with waste is eliminated, and Landfill gas migration/buildup is prevented.

A Site Management Plan (SMP) incorporates the Institutional/Engineering Control (IC/EC) Plan, the Inspection and Monitoring Plan, and the Operation and Maintenance Plan to provide for the continual post-closure monitoring and maintenance of the Landfill. A Periodic Review Report (PRR) is required to document site management activities outlined in the SMP. This PRR covers the reporting period of May 31, 2022 through May 31, 2025.

Based on the results of activities performed during this PRR reporting period, no additional changes to the SMP are recommended. The requirements for discontinuing site management have not been met. As such, continued compliance with the SMP are appropriate.

1.0 INTRODUCTION

The Orange County Landfill (Landfill) is located in the Town of Goshen, Orange County, New York (refer to Figure 1) and is registered as an Inactive Hazardous Waste Disposal Site ("the Site"), Registry No. 3-36-007 by the New York State Department of Environmental Conservation (NYSDEC). On May 5, 2023, the Landfill was re-classified as a "Class 4" Inactive Hazardous Waste Site indicating that the Landfill has been properly closed and is subject to ongoing site management.

Since January 1996, Orange County has submitted Post-Closure Monitoring and Maintenance (PCMM) reports to the NYSDEC documenting the Landfill inspection, environmental monitoring, and leachate management activities. Since 2014, the NYSDEC has required documentation in the form of a Periodic Review Report (PRR). A PRR is required to document site management activities outlined in the Site Management Plan (SMP). This PRR covers the reporting period of May 31, 2022 through May 31, 2025.

1.1 Summary of Site Contamination and Site History

The NYSDEC issued a Record of Decision (ROD) on January 28, 1994 for Operable Unit 2 that required construction of a final cover over the Landfill waste mass, which was completed in 1995. A second ROD addressing the Site as a whole, including any contamination that may have migrated from the waste mass, was issued on March 26, 1998 for Operable Unit 1. The selected remedies for the Landfill include Institutional Controls (IC) through a Declaration of Covenants and Restrictions that restricts disturbance of the Landfill cover and places restrictions on site uses, and Engineering Controls (EC) provided by the Landfill cover and leachate collection systems, air and water quality monitoring, and regular inspections and maintenance activities. Post-closure water and air quality monitoring, leachate removal, and inspections and maintenance at the Landfill have been provided by Orange County since 1996.

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1.2 Effectiveness of the Remedial Program and Compliance

The remedial program implemented at the Landfill has been successful in meeting the remedial objectives set forth in the RODs. Leachate generation and contaminant migration through groundwater has been reduced, contaminated surface run-off and direct human/animal contact with waste is eliminated, and Landfill gas migration/buildup is prevented.

1.3 Recommendations

Based on the results of activities performed during this PRR reporting period, no additional changes to the SMP are recommended. The requirements for discontinuing site management have not been met. As such, continued compliance with the SMP are appropriate.

2.0 SITE OVERVIEW

The Landfill is approximately 75-acres within a 300-acre parcel approximately 3 miles west of the Village of Goshen off Route 17M in the Town of Goshen, Orange County, New York. The property is bounded by the Cheechunk Canal to the southeast and by the old channel of the Wallkill River to the northwest and southwest. The New Hampton Transfer Station is located on the northeast border of the 300-acre parcel. Property features are present on the aerial photograph presented as Figure 2.

The Orange County Department of Public Works operated the Landfill between 1974 and January 1992. In March 1992, the Landfill was classified by the NYSDEC as a "Class 2" Inactive Hazardous Waste Disposal Site, indicating "a site which the disposal of hazardous waste constitutes a threat to human health or environment". The "threat" was the possibility of the contamination of a principal aquifer underlying the site. The NYSDEC issued two RODs, dated January 1994 and March 1998, respectively. The January 1994 ROD accelerated the capping of the Landfill and the March 1998 ROD addressed contamination that may have migrated from the waste mass. A 2014 Order on Consent and Administrative Settlement Index required completion of corrective measures to eliminate exposures to surface or subsurface soils and groundwater that contain elevated levels of landfill-derived contaminants and restrict migration of contaminants to the environment. Corrective Measures consisted of removal of accessible seep-impacted soil/sediment from the northern bank of the Cheechunk Canal, as well as hydraulic containment through continued OM&M of an onsite groundwater extraction and recovery system.

The selected remedies for the Landfill include institutional and engineering controls. Institutional control (IC) is provided in the form of a Declaration of Covenants and Restrictions that restricts disturbance of the Landfill cover and places restrictions on site uses. Engineering controls (EC) are provided by the Landfill cover and leachate collection systems, air and water quality monitoring, and regular inspections and maintenance activities. On May 5, 2023, the Landfill was re-classified as a "Class 4" Inactive Hazardous Waste Site indicating that the Landfill has been properly closed and is subject to ongoing site management.

The ongoing post-closure activities are outlined by the SMP and are based on the requirements of the Technical Guidance for Site Investigation and Remediation (DER-10), Section 6.2. The SMP incorporates the IC/EC Plan, the Inspection and Monitoring Plan, and the Operation and Maintenance Plan, which provide for the continual post-closure monitoring and maintenance of the Landfill.

3.0 PERFORMANCE, EFFECTIVENESS, AND PROTECTIVENESS

The Landfill has been subject to a PCMM Program since January 1996 that provides for regular site inspections; groundwater, surface water, and leachate monitoring; leachate collection and management; mowing; and Landfill gas management. Monitoring sample locations are shown on Figure 2.

3.1 Groundwater Quality

Historical results indicate groundwater near the Landfill is characterized by levels of turbidity and concentrations of total dissolved solids (TDS), iron, and manganese, and occasional concentrations of ammonia, bromide, chloride, phenolics, sulfate, arsenic, beryllium, cadmium, chromium, copper, lead, magnesium, nickel, selenium, sodium, and thallium that exceed groundwater standards (NYSDEC Division of Water Technical and Operational Guidance Series 1.1.1 (TOGS 1.1.1), Ambient Water Quality Standards and Guidance Values (June 2004)). Historically, leachate indicator parameters such as alkalinity, ammonia, chemical oxygen demand (COD), chloride, sulfate, TDS, Total Kjeldahl Nitrogen (TKN), and total organic carbon (TOC) along with inorganic compounds such as iron, magnesium, manganese, potassium, and sodium were evaluated. Groundwater monitoring is currently performed for 6 NYCRR Part 360 Routine Parameters.

Groundwater sampling during this reporting period was conducted from May 28 through May 29, 2025. Field parameters and groundwater elevations for site groundwater are presented in Tables 1 and 2, respectively. A groundwater contour map for the overburden hydrogeologic unit is provided as Figure 3. Groundwater analytical results are summarized in Table 3 and are compared to the TOGS 1.1.1 AWQS and Guidance Values.

The analytical results are consistent with past monitoring results. No significant differences in concentrations or data trends were observed for metals or select leachate indicator parameters compared to where exceedances were historically reported. Groundwater quality results indicate no exceedances for bromide, chloride, phenolics, sulfate, cadmium, and lead. A detailed summary of reported parameter exceedances during this reporting period is provided in the following table:

Summary of Parameter Exceedances

Parameter Exceeding Water Quality Standard (TOGS 1.1.1)	**Monitoring Well Location (**Analytical Results**)**
Turbidity (5 NTU)	Downgradient Overburden MW-220 (45.70 NTU) Downgradient Overburden MW-245S (112.52 NTU)
Ammonia (2.0 mg/L)	Downgradient Overburden MW-3B (4.18 mg/L) Downgradient Bedrock MW-245D (5.04 mg/L)
Nitrate (10 mg/L)	Upgradient Overburden well MW-233S (11 mg/L)
TDS (500 mg/L)	Upgradient Bedrock MW-233D (540 mg/L) Downgradient Overburden MW-3B (560 mg/L) Downgradient Overburden MW-220 (640 mg/L) Downgradient Overburden MW-245S (640 mg/L) Downgradient Overburden PZ-4 (730 mg/L) Downgradient Bedrock MW-245D (560 mg/L)

Total Metals	
Arsenic (0.025 mg/L)	Downgradient Overburden MW-3B (0.04171 mg/L) Downgradient Overburden MW-220 (0.07095 mg/L) Downgradient Overburden MW-245S (0.09234 mg/L) Downgradient Overburden PZ-4 (0.03908 mg/L)
Iron (0.3 mg/L)	Downgradient Overburden MW-3B (1.38 mg/L) Downgradient Overburden MW-220 (5.28 mg/L) Downgradient Overburden MW-245S (10.2 mg/L) Downgradient Bedrock MW-245D (0.394 mg/L) Downgradient Overburden PZ-4 (14.7 mg/L)
Magnesium (35 mg/L)	Downgradient Overburden MW-220 (38.3 mg/L) Downgradient Overburden PZ-4 (44.2 mg/L)
Manganese (0.3 mg/L)	Downgradient Overburden MW-3B (0.8464 mg/L) Downgradient Overburden MW-220 (0.7737 mg/L) Downgradient Overburden MW-245S (1.563 mg/L) Downgradient Bedrock MW-245D (0.4296 mg/L) Downgradient Overburden PZ-4 (1.225 mg/L)
Sodium (20 mg/L)	Upgradient Bedrock MW-233D (95.4 mg/L) Downgradient Overburden MW-3B (38.2 mg/L) Downgradient Overburden MW-245S (21.6 mg/L) Downgradient Bedrock MW-245D (45.1 mg/L) Downgradient Overburden PZ-4 (26.4 mg/L)

The following table indicates the highest concentration areas for parameter exceedances:

Parameter	Highest Concentration Areas
Ammonia	MW-245D
Nitrate	MW-233S
TDS	PZ-4
Arsenic, Total	MW-245S
Iron, Total	PZ-4
Magnesium, Total	PZ-4
Manganese, Total	MW-245S
Sodium, Total	MW-233D

A summary of current groundwater quality compared to historical results is presented below:

- MW-3B (Downgradient Overburden Hydrogeologic Unit) - TOGS 1.1.1 exceedances for TDS, ammonia, arsenic, iron, manganese, and sodium were reported. TDS, iron, manganese, and sodium have consistently exceeded their applicable standard at this downgradient monitoring well since 2011. TDS, manganese, and sodium concentrations continue to exhibit consistent trends compared to historical results.
- MW-220 (Downgradient Overburden Hydrogeologic Unit) - TOGS 1.1.1 exceedances for turbidity, TDS, arsenic, iron, magnesium, and manganese were reported, which have consistently exceeded their applicable standard at this downgradient overburden monitoring well. Reported concentrations for these parameters are consistent with historical ranges. Lead concentrations have remained below its applicable standard while arsenic increased above its applicable standard.

- MW-233S (Upgradient Overburden Hydrogeologic Unit) - TOGS 1.1.1 exceedances for nitrate were reported. Reported concentrations for TDS and manganese have decreased below applicable standards.
- MW-233D (Upgradient Bedrock Hydrogeologic Unit) - TOGS 1.1.1 exceedances for TDS and sodium were reported at concentrations consistent with historical ranges.
- MW-245S (Downgradient Overburden Hydrogeologic Unit) - TOGS 1.1.1 exceedances for Turbidity, TDS, arsenic, iron, manganese, and sodium were reported. TDS, iron, manganese, and sodium have consistently exceeded their applicable standard. Reported concentrations for these parameters are within historical ranges.
- MW-245D (Downgradient Bedrock Hydrogeologic Unit) - TOGS 1.1.1 exceedances for ammonia, TDS, iron, manganese, and sodium were reported. Ammonia, iron, and sodium consistently exceed their applicable standard. Reported concentrations for these parameters are within historical ranges. Iron concentrations are decreasing and approaching the applicable standard.
- PZ-4 (Downgradient Overburden Hydrogeologic Unit) - TOGS 1.1.1 exceedances for TDS, arsenic, iron, magnesium, manganese, and sodium were reported. These parameters have consistently exceeded their applicable standard and are within observed historical ranges.

3.2 Surface Water Quality

Analytical results for site surface water are presented in Table 4. The surface water samples were collected from downstream surface water monitoring locations SW-5 and SW-8 and from upstream surface water monitoring location SW-13 (see Figure 2).

Reported concentrations for iron exceeded the TOGS 1.1.1 Class C surface water quality standard of 0.3 mg/L at SW-13 (0.935 mg/L), SW-5 (0.916 mg/L), and SW-8 (1.8 mg/L). Review of historical concentrations indicate that iron in surface water results were consistent with past reported concentrations at each location.

3.3 Leachate Quality

Analytical results for leachate collected from manhole 7 (MH-7) and manhole 15 (MH-15) are summarized in Table 5 and are generally consistent with previous results. Leachate water quality is generally characterized by detectable to elevated concentrations of leachate indicators such as ammonia, bromide, chloride, nitrate, phenolics, sulfate, and TDS, and inorganic parameters including antimony, boron, iron, magnesium, manganese, nickel, and sodium.

3.4 Air Quality

In accordance with the SMP, Landfill gas monitoring consists of measuring explosive gas (percent lower explosive limit, or % LEL) and VOCs in the headspace at each monitoring well/piezometer, leachate manholes MH-7 and MH-15, and along the Landfill perimeter. Explosive gas and VOC measurements were obtained with a MultiRAE gas monitor.

No detections of explosive gas were recorded at any of the monitoring wells, piezometers, or leachate manholes.

A perimeter explosive gas survey was performed on May 29, 2025. Gas measurements as % LEL were recorded at approximately 100-foot intervals along the Landfill perimeter from temporary subsurface probe holes installed at depths of 12 to 18 inches below ground surface. No explosive gas or VOCs were detected at any of the monitoring locations. The results indicate that explosive gas is not migrating off the Landfill property and that the Landfill is in full compliance with the requirements set forth in 6 NYCRR 360-2.15(k)(4) and 2.17(f) (effective prior to November 4, 2017).

3.5 Seeps

In accordance with the SMP, observation for leachate outbreaks is the focus of regular inspections performed by Orange County personnel. Conditions indicative of leachate outbreaks, such as wet spots, dead vegetation, surface sloughing, or discoloration are documented, if present. No visible seeps were observed during the sampling and inspection event; therefore, no seep samples were collected.

4.0 INSTITUTIONAL/ENGINEERING CONTROL PLAN COMPLIANCE

The multiple institutional and engineering controls for the Landfill implemented by the RODs and documented in the SMP continue to be in place and performing as designed. These controls were reviewed and evaluated through this PRR.

4.1 Institutional Controls

Institutional controls (IC) include non-physical means of enforcing a restriction on the use of real property that limits human and environmental exposure, restricts the use of groundwater, provides notice to the potential owners, operators, or members of the public, or prevents actions that would interfere with the effectiveness of the remedial program or with the effectiveness and/or integrity of operation, maintenance, or monitoring activities at or pertaining to the Landfill property.

4.1.1 Deed Restrictions

The IC for the Landfill is in the form of a Declaration of Covenants and Restrictions filed with the deed for the Landfill property. The Declaration of Covenants and Restrictions was executed on June 13, 2014 and continues to protect both human health and the integrity of the Landfill. No uses, disturbances, or interferences have been allowed by Orange County. Any future use to the Landfill footprint must be approved by Orange County and NYSDEC. The underlying groundwater is not a source of drinking water for nearby residents.

4.2 Engineering Controls

Engineering Controls (ECs) consist of physical barriers or methods employed to actively or passively contain, stabilize, or monitor contamination, restrict the movement of contamination to ensure the long-term effectiveness of the remedial program, or eliminate potential exposure pathways to contamination.

The ECs for the Landfill to control the source of contamination and the generation of contaminated leachate include:

- Maintenance of the Landfill cover that includes layers of fill material, gas venting system and an impermeable membrane.
- Maintenance for integrity of seep excavation areas for stability and/or discovery of new seeps.
- Maintenance of groundwater monitoring wells.
- Ongoing collection of leachate for offsite treatment.
- Maintenance of drainage swales to collect and divert surface water runoff downgradient of sections of the impermeable membrane installed on the Landfill slopes.
- Maintenance of horizonal recovery well, well pump and appurtenances, and holding tank for collection and management of Landfill-impacted groundwater.

4.2.1 Part 360 Landfill Cover System

Installation of the standard Part 360 Landfill cover system (completed in November 1995) minimizes infiltration of precipitation to wastes and the resultant generation of leachate and prevents the release of previously disposed wastes. The cover system is regularly inspected by Orange County to evaluate its

performance and assess the physical condition of the following Landfill components: settlement and erosion of Landfill cover, vegetative growth, slope stability, damage due to presence of vector populations over or near Landfill cover (e.g., burrow holes), monitoring well and Landfill gas vent integrity, presence or absence of leachate outbreaks, surface water drainage structures, site fencing, gates, and access roads, and evidence of trespassing.

Orange County personnel perform monthly post-closure field inspections to monitor the integrity of the Landfill cover system. As indicated in the completed inspection reports in Appendix A, the Landfill cover system was observed to be well maintained and in good condition. No damage to the Landfill cover system was observed. The Landfill appears secure and stable, and the Landfill cover is intact with no evidence of stressed vegetation or damage due to settlement or active vectors. The stormwater drainage system appeared to be functioning as designed. Beyond the regular ongoing post-closure care, no actions or special maintenance is required for the Part 360 Landfill cover system at this time.

4.2.2 Leachate Collection System

The leachate collection system is located along the perimeter of the waste mass. Leachate from the waste mass is collected through underground pipes that flow by gravity to sumps. From these sumps, leachate is pumped into aboveground storage tanks where the leachate is regularly removed for offsite treatment. The perimeter leachate collection system continues to function as designed. Records of leachate removal and treatment are provided in Appendix B.

4.2.3 Groundwater Monitoring Wells

Existing groundwater monitoring wells are located along the upgradient, crossgradient, and downgradient perimeter of the Landfill waste mass. The wells are used to monitor groundwater quality around the Landfill property. Monitoring wells are routinely checked for sediment buildup in the well using depth to bottom measurements, and for the integrity of the outer casing, lid, and lock. The monitoring well network is functioning as designed.

4.2.4 Surface Water Runoff Features

Surface water runoff features are located on and around the Landfill property. Terraces and riprap channels on the Landfill cover system direct stormwater runoff to the Landfill perimeter drainage ditches successfully preventing the occurrence of standing water on the Landfill. The surface water runoff is directed from perimeter drainage ditches into drainage basins to reduce particulates and sediment before ultimately discharging into the Cheechunk Canal. These surface water runoff features are checked monthly for sediment buildup, overgrowth of vegetation, overflow of drainage ditches or basins, improper drainage of terraces and channels, and sloughing of the Landfill cover. Appendix A contains documentation of monthly inspections of the surface water runoff features. Based on the observed conditions, no corrective measures are needed for the surface water management features.

4.2.5 Horizontal Recovery Well

A horizontal recovery well was installed along the southcentral boundary of the Landfill in 2019 to intercept and collect Landfill-impacted groundwater contributing to seeps along the Cheechunk Canal. The recovery well operates at a pumping rate of approximately 0.5 gallons per minute (gpm) with a screened length of approximately 210-ft. Groundwater is pumped into a 20,000 gallon aboveground holding tank for temporary storage until removed and transported offsite for treatment and disposal. The horizontal well

operates seasonally from May 15th through November 15th each year. Orange County personnel perform monthly inspections of the horizontal well to monitor for any deficiencies that require attention. NYSDEC was notified of a temporary shutdown of the horizontal well on October 6, 2023 to complete necessary maintenance and repairs. The well resumed the scheduled operation on May 15, 2024. Routine maintenance was performed in May 2025 during the PCM event. The horizontal well is operating as designed.

4.3 IC/EC Certification

As required by DER-10, Section 6.3(a), a completed and signed NYSDEC IE/EC Certification Form is provided as Appendix C. All ICs/ECs are in place and functioning as designed.

5.0 MONITORING PLAN COMPLIANCE

The Landfill post-closure monitoring plan is documented in the SMP. Monitoring includes collection of groundwater, surface water, and leachate samples for analysis of 6 NYCRR Part 360 Routine parameters, as well as water level measurements from select monitoring wells, and air quality monitoring. Monitoring wells and sample locations are shown on Figure 2. The following sections describe the monitoring requirements for groundwater, surface water, leachate, and air quality.

5.1 Groundwater Monitoring

The groundwater monitoring program provides for collection of water quality samples from one piezometer location (PZ-4) and six monitoring wells spread out around the Landfill property. In addition, static water level measurements were measured from additional overburden and bedrock monitoring wells and piezometers around the Landfill perimeter. A groundwater contour map is provided in Figure 3.

Depth to water measurements were obtained at or near the Landfill perimeter to determine groundwater elevations in the overburden and upper bedrock aquifer systems. Groundwater flow direction in the overburden aquifer is to the east-southeast towards the Cheechunk Canal (see Figure 3). Groundwater flow direction in the bedrock aquifer is similar, which is consistent with historical reports. Groundwater gradients are similar in both aquifer systems and upward vertical gradients are noted throughout the Landfill perimeter, consistent with historical trends.

Groundwater samples were obtained from five downgradient locations and two upgradient locations using low flow methodology and analyzed for 6 NYCRR Part 360 Routine parameters. An upgradient sample was collected from the overburden hydrogeologic unit (MW-233S) and bedrock hydrogeologic unit (MW-233D) located approximately 1,150 feet east of MW-230 well pair and upgradient of the Landfill. Copies of laboratory analytical reports are provided in Appendix D.

As described in Section 3, results generally show groundwater samples collected upgradient and downgradient of the Landfill waste mass indicate no significant differences in data trends where exceedances were historically observed. Overall, the groundwater monitoring program meets the remedial objectives by providing suitable means to determine the effectiveness of the selected remedy.

5.2 Surface Water Monitoring

The surface water monitoring program consists of sampling three locations (SW-13, SW-5, and SW-8) along the Cheechunk Canal adjacent to the Landfill. These locations are located upgradient, crossgradient, and downgradient of the Landfill (see Figure 2).

The surface water samples were analyzed for 6 NYCRR Part 360 Routine parameters and compared to TOGS 1.1.1 standards and guidance values. The surface water monitoring program meets the remedial objectives for the site in that it provides direct means to determine the effectiveness of the selected remedy.

5.3 Leachate Monitoring

Leachate monitoring consisted of sampling of two manhole locations (MH-7 and MH-15) located on the eastern and western edges of the Landfill footprint, respectively (see Figure 2). Leachate samples were analyzed for 6 NYCRR Part 360 Routine parameters.

In addition to sampling, the SMP requires visual inspection for conditions indicative of leachate outbreaks such as wet spots, dead vegetation, surface sloughing, or discoloration. If these conditions are observed near the Landfill, further remediation investigation is warranted to evaluate the condition and determine the appropriate corrective action. The leachate monitoring program meets the remedial objectives for the site in that it provides direct means to determine the effectiveness of the selected remedy

5.4 Air Quality Monitoring

Air quality monitoring includes field measurements of explosive gas in the headspaces of the manholes, piezometers, and monitoring wells sampled during each monitoring event. Results of the air quality monitoring are described in Section 3.4.

The air quality monitoring program meets the remedial objectives to evaluate the effectiveness of the selected remedy in that it provides a direct means to determine if Landfill gases are prevented from migration and buildup.

6.0 OPERATION AND MAINTENANCE PLAN COMPLIANCE

The Operation and Maintenance (O&M) Plan for the Landfill, outlined in the approved SMP, consists of the following components:

- Repair, if necessary, of the Landfill cover system in accordance with approved specification materials and methods.
- Annual mowing of the vegetated cover system.
- Annual or more frequent mowing of grass-lined ditches.
- Addition, if necessary, of soil amendments (fertilizer, lime) to the cover system.
- Annual or more frequent clearing of drainage swales, ditches and channels.
- Investigation of stressed vegetation and gas odors.
- Vector control.
- Snow plowing and upkeep of the perimeter access road.
- Collection, removal, and disposal of leachate.
- Preventative maintenance of leachate pumps and horizontal well.
- Repair or replacement, if necessary, of monitoring wells and piezometers.

During this reporting period, the following O&M activities were performed:

- Monthly inspections of the Landfill cap and cover materials, surface water drainage features, monitoring wells, leachate collection system, historic seep locations, and the Landfill property (see Appendix A).
- Annual mowing of the Landfill cover system.
- Regular leachate removal from aboveground storage tanks for treatment at permitted facilities (see Appendix B).
- Groundwater, surface water, leachate, and air quality monitoring performed on March 20 – 21, 2023 and May 28 – 29, 2025.

Operation and maintenance of the property continues to protect human health and the overall integrity of the Landfill. There were no deficiencies in complying with the O&M Plan during this reporting period. The components of the remedy subject to O&M requirements are functioning as designed. The integrity of the monitoring network remains intact.

7.0 CONCLUSIONS AND RECOMMENDATIONS

The Landfill continues to comply with the required activities set forth in the SMP for the subject reporting period. The ICs and ECs implemented at the Site continue to function as designed. The following conclusions are made based on observations and analytical results collected during this reporting period:

- Groundwater flow direction in the overburden and bedrock aquifer systems is to the east-southeast towards the Cheechunk Canal. Groundwater gradients are similar in both aquifer systems and upward vertical gradients are noted throughout the Landfill perimeter.
- Exceedances of applicable TOGS 1.1.1 groundwater standards are consistent with historical trends as described in Section 3.
- Exceedances of applicable TOGS 1.1.1 Class C surface water standards are limited to iron and aluminum at all surface water sampling locations (SW-5, SW-8, and SW-13). A comparison of upstream (background conditions) to downstream surface water quality indicates that the farthest downstream surface water results were lower than the reported upstream conditions, including water quality parameters historically tracked such as chloride, hardness, phenolics, TKN, iron, magnesium, manganese, and sodium.
- The analytical results for leachate collected from onsite manholes are consistent with previous results.
- The air quality monitoring survey for explosive gas indicated the Landfill is in full compliance with the requirements set forth in 6 NYCRR 360-2.15(k)(4) and 2.17 (Effective prior to November 4, 2017).
- The Landfill appears secure and stable, and the Landfill cover is intact with no evidence of stressed vegetation, damage due to settlement, erosion or active vectors.
- The stormwater drainage system appears to be functioning as designed.
- The leachate collection system appears to be functioning as designed.

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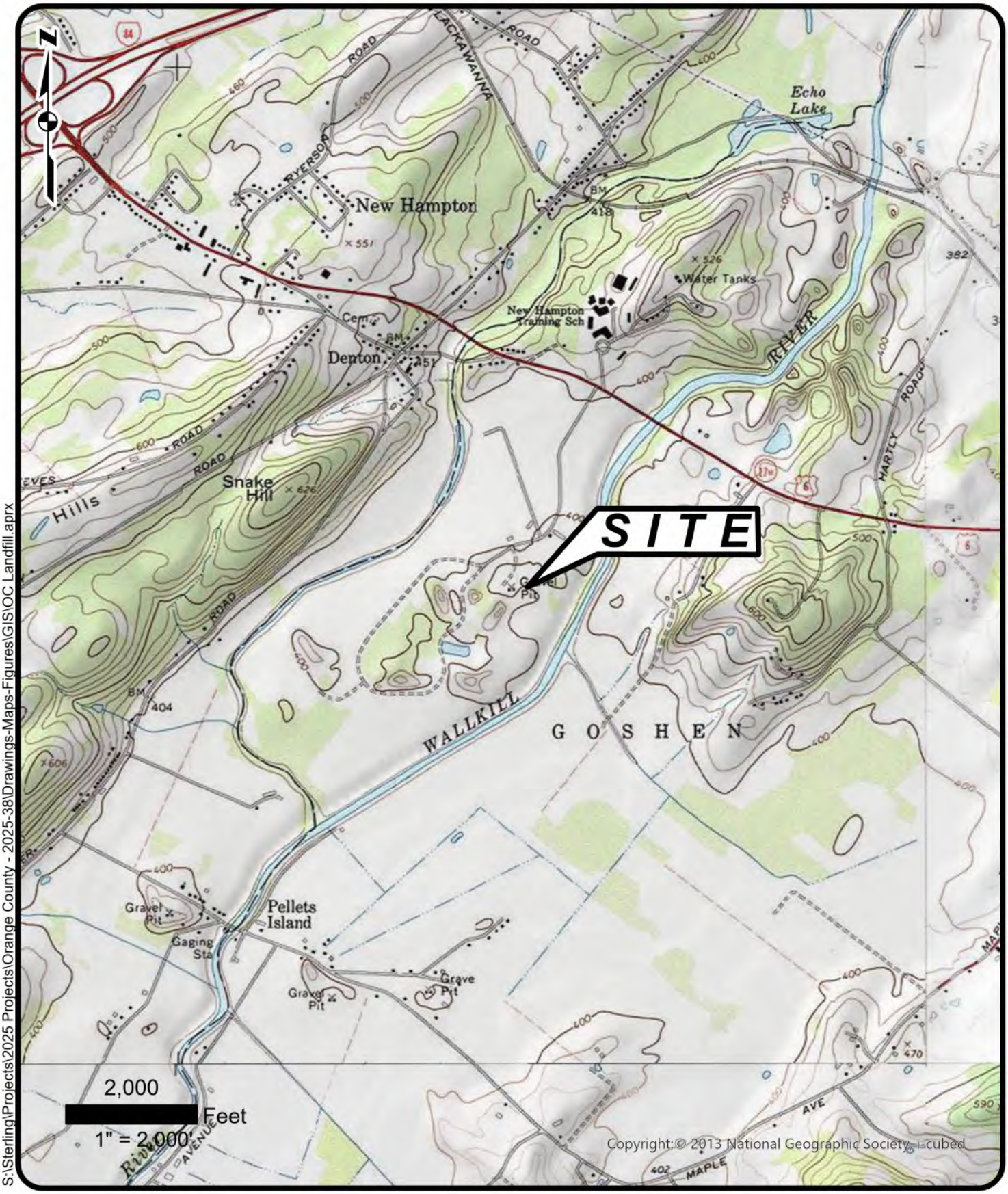
FIGURES



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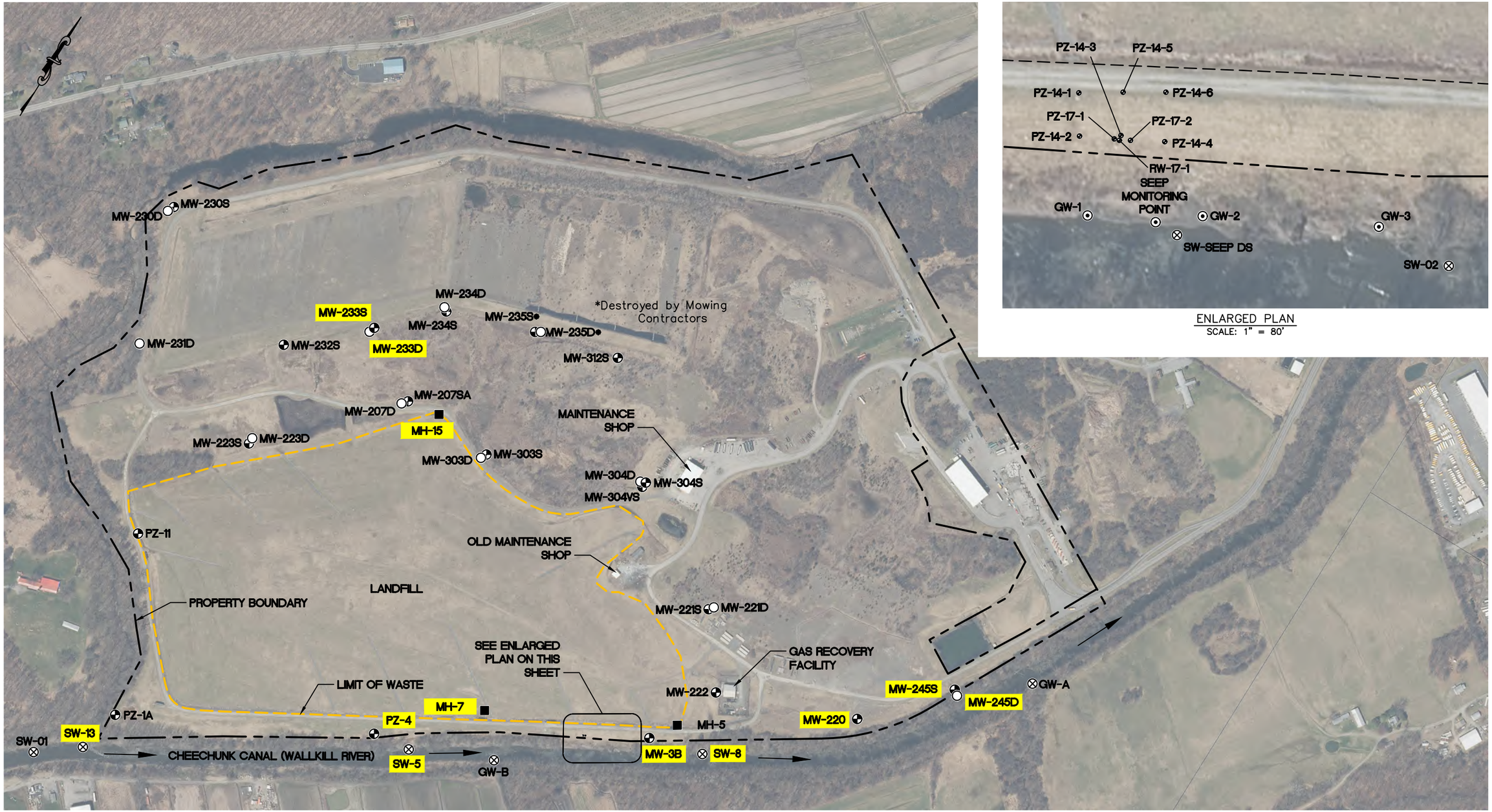
STERLING

Sterling Environmental Engineering, P.C.
24 Wade Road · Latham, New York 12110

SITE LOCATION MAP
ORANGE CO. DEPT. OF PUBLIC WORKS
ORANGE COUNTY LANDFILL
TOWN of GOSHEN ORANGE CO., NY

PROJ.NO.	DATE:	SCALE:	DWG.NO.	FIGURE
2025-38	06/13/2025	1" = 2,000'	2025-38001G	1



ENLARGED PLAN
SCALE: 1" = 80'

LEGEND:

MW-245S	OVERBURDEN MONITORING WELL AND PIEZOMETER LOCATION
MW-245D	BEDROCK MONITORING WELL LOCATION
MH-7	LEACHATE SAMPLING LOCATION
GW-1	SEEP MONITORING LOCATION
SW-5	SURFACE WATER SAMPLE LOCATION
MW-245S	AS PER 2023 SMP, SAMPLED FOR PART 360 ROUTINE PARAMETERS
	LIMIT OF WASTE
	PROPERTY BOUNDARY

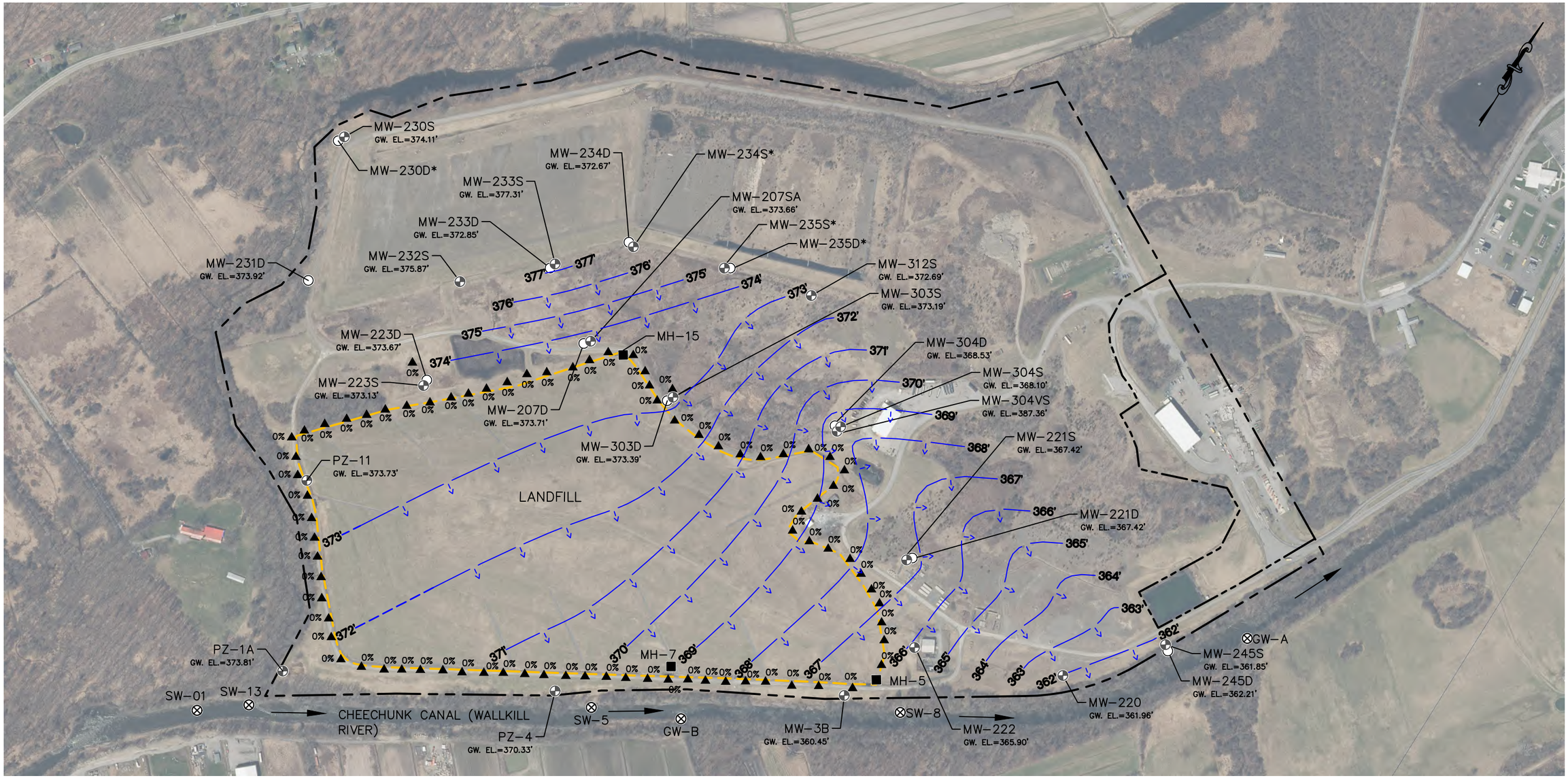
MAP REFERENCES:
1. PROPERTY BOUNDARY AND LIMIT OF WASTE FROM DRAWINGS ENTITLED "OVERALL PLAN AND RESTRICTED PARCEL," BY THOMAS J. BARRY, DATED FEBRUARY 14, 2013.
2. AERIAL IMAGERY FROM NY STATEWIDE ORTHOIMAGERY PROGRAM, 2021.

STERLING
Sterling Environmental Engineering, P.C.
24 Wade Road • Latham, New York 12110

ORANGE COUNTY LANDFILL – NYSDEC #336007
SAMPLE LOCATION MAP
ORANGE CO. DEPT. OF PUBLIC WORKS
TRAINING CENTER LANE
TOWN OF GOSHEN ORANGE CO., NY

PROJ. No.:	DATE:	SCALE:	DWG. NO.	FIGURE
2025–38	06/13/2025	1" = 500'	2025–38001	2

S:\Sterling\Projects\2025 Projects\Orange County – 2025-38\Drawings-Maps-Figures\ACAD\2025-38001_F-2 – Sample Locations.dwg BRIAN.CHEW 6/13/2025 12:19 PM



LEGEND:

- GROUNDWATER ELEVATION CONTOUR AND FLOW DIRECTION
- MW-245S EL. = 361.85' — OVERBURDEN MONITORING WELL AND PIEZOMETER LOCATION WITH MAY 28 –29, 2025 GROUNDWATER ELEVATION (FEET ABOVE MEAN SEA LEVEL (AMSL))
- MW-245D EL. = 362.21' — BEDROCK MONITORING WELL LOCATION WITH MAY 28 –29, 2025 GROUNDWATER ELEVATION (FEET AMSL)
- MH-7 — LEACHATE SAMPLING LOCATION
- SW-5 — SURFACE WATER SAMPLE LOCATION
- LIMIT OF WASTE
- PROPERTY BOUNDARY
- 0% ▲ — EXPLOSIVE GAS MONITORING POINT

MAP REFERENCES:
1. PROPERTY BOUNDARY AND LIMIT OF WASTE FROM DRAWINGS ENTITLED "OVERALL PLAN AND RESTRICTED PARCEL," BY THOMAS J. BARRY, DATED FEBRUARY 14, 2013.
2. AERIAL IMAGERY FROM NY STATEWIDE ORTHOIMAGERY PROGRAM, 2021.

STERLING
Sterling Environmental Engineering, P.C.
24 Wade Road • Latham, New York 12110

GROUNDWATER CONTOUR MAP (OVERBURDEN HYDROGEOLOGIC UNIT) AND EXPLOSIVE GAS SURVEY
ORANGE CO. DEPT. OF PUBLIC WORKS
TRAINING CENTER LANE
TOWN OF GOSHEN ORANGE CO., NY

PROJ. No.:	DATE:	SCALE:	DWG. NO.	FIGURE
2025-38	06/13/2025	1" = 500'	2025-38002	3

S:\Sterling\Projects\2025 Projects\Orange County - 2025-38\Drawings-Maps-Figures\ACAD\2025-38002_F-3 - Groundwater Flow.dwg BRIAN.CHEW
6/16/2025 10:22 AM

TABLES

TABLE 1

Summary of Field Parameter Measurements
May 28 - 29, 2025
Orange County Landfill, Goshen, New York

Parameter	Title 6 Part 703.3 Standards	Units	Groundwater Sample Locations							Surface Water Locations			Manhole Leachate	
			MW-3B	MW-220	MW-233S	MW-233D	MW-245S	MW-245D	PZ-4	SW-5	SW-8	SW-13	MH-7	MH-15
Static Water Level [1]	---	feet	25.98	16.98	10.95	16.16	29.28	28.87	12.01	---	---	---	---	---
Specific Conductivity	---	mS/cm	0.976	0.977	0.726	0.914	0.965	0.939	1.070	0.420	0.424	0.414	6.875	1.062
Temperature	---	degrees C	14.7	12.4	10.2	11.8	12.5	12.7	13.1	16.6	16.8	16.4	12.6	11.5
pH [2]	6.5<pH< 8.5	pH Units	6.75	6.69	6.99	7.64	6.70	7.01	7.04	8.01	7.77	7.75	7.46	6.45
ORP	---	mV	-7.1	45.0	167.7	247.5	20.2	-63.5	269.8	255.7	99.9	105.9	-2.7	130.3
Dissolved Oxygen [3]	> 6.0	mg/L	1.04	1.02	4.43	4.90	0.95	0.97	6.60	9.22	9.17	9.22	4.80	5.77
Turbidity [4]	5.0	NTU	1.94	**45.70**	1.25	3.04	**112.52**	0.27	3.81	11.37	10.56	12.30	11.94	119.02

NOTES :

Values in **BOLD** indicate an exceedance of applicable water quality standard.

[1] Measured from the top of the PVC well to water surface.

[2] pH standard does not apply to collected leachate

[3] DO standard applies to surface water samples only.

[4] Applies to groundwater only.

--- No standard or not measured.

Table 2

Summary of Groundwater Elevation Measurements
May 28 - 29, 2025
Orange County Landfill, Goshen New York

Well I.D.	Measuring Point Elevation (ft)	Static Water Level (ft)	Groundwater Elevation (ft)
PZ-14-1	389.33	25.96	363.37
PZ-14-2	381.19	18.07	363.12
PZ-14-3	382.51	19.56	362.95
PZ-14-4	380.81	18.12	362.69
PZ-14-5	391.25	25.91	365.34
PZ-14-6	390.13	26.78	363.35
PZ-17-1	381.27	18.34	362.93
PZ-17-2	379.80	17.05	362.75
MW-3B	386.43	25.98	360.45
MW-220	378.94	16.98	361.96
MW-233S[I]	388.26	10.95	377.31
MW-233D[I]	389.01	16.16	372.85
MW-245S	391.13	29.28	361.85
MW-245D	391.08	28.87	362.21
PZ-4	382.34	12.01	370.33
PZ-11	390.41	16.68	373.73
MW-207SA	389.74	16.08	373.66
MW-207D	390.92	17.21	373.71
MW-221S	381.44	14.02	367.42
MW-221D	381.29	13.24	368.05
MW-222	382.49	16.59	365.90
MW-223S	388.64	15.51	373.13
MW-223D	389.36	15.69	373.67
MW-230S[I]	384.46	10.35	374.11
MW-230D	385.51	2.08	383.43
MW-231D[I]	387.67	13.75	373.92
MW-232S	388.64	12.77	375.87
MW-234S	390.63	1.11	389.52
MW-234D	390.10	17.43	372.67
MW-303S	389.85	16.66	373.19
MW-303D	389.83	16.44	373.39
MW-304VS	390.72	3.36	387.36
MW-304S	390.92	22.82	368.10
MW-304D	390.08	21.55	368.53
MW-312S[I]	387.06	14.37	372.69

Notes:

--- = Not measured or no available data

[I] = Measuring point elevation obtained by Sterling Environmental Engineering, P.C. on August 4, 2020 with sub-inch GPS.

TABLE 3

Summary of Groundwater Analytical Results
May 28 - 29, 2025
Orange County Landfill, Goshen, New York

ANALYTE	NY-AWQS [1]	MW-3B 5/28/2025	MW-220 5/28/2025	MW-233S 5/28/2025	MW-233D 5/28/2025	MW-245S 5/29/2025	MW-245D 5/29/2025	PZ-4 5/28/2025	DUP052825 5/28/2025
LEACHATE INDICATOR PARAMETERS, mg/L									
Alkalinity, Total	---	481	427	314	184	370	375	494	470
Bromide	2	0.228	0.013 U	0.013 U	1.16	0.132 U	0.08	0.287	0.185
BOD	---	ND U	ND U	ND U	4.1	ND U	11	ND U	ND U
Chemical Oxygen Demand	---	3.7 J	2.7 U	2.7 U	11	25	23	8.3 J	2.7 U
Chloride	250	43.4	15.5	1	124	36.5	45.6	46.6	57.4
Hardness, Total	---	444.7	559.8	416	201.4	522.8	399.2	647.6	652.6
Nitrogen, Ammonia	2	**4.18**	0.166	0.059 J	0.04 J	0.862	**5.04**	0.024 U	0.024 U
Nitrogen, Nitrate	10	0.038 J	0.044 J	**11**	0.11	0.072 J	0.44	0.36	0.087 J
Nitrogen, Total Kjeldahl	---	4.43	0.414	0.681 J	0.321	1.38	5.39	0.224 J	0.296 J
Phenolics, Total	0.001	0.006 U[2]	0.006 U[2]	0.006 U[2]	0.006 U[2]	0.006 U[2]	0.006 U[2]	0.006 U[2]	0.006 U[2]
Sulfate	250	23.1	139	60.1	126	146	67	83.2	65.9
Total Dissolved Solids	500	**560**	**640**	480	**540**	**640**	**560**	**730**	**780**
Total Organic Carbon	---	2.89	2.39	3.59	1.75	2.19	2.73	2.74	2.68
TOTAL METALS, mg/L									
Arsenic, Total	0.025	**0.04171**	**0.07095**	0.00045 J	0.00085	**0.09234**	0.00085	**0.03908**	**0.03833**
Cadmium, Total	0.005	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00006 J	0.00005 U	0.0001 J	0.0001 J
Calcium, Total	---	127	161	119	53.3	153	110	186	188
Iron, Total	0.3 [3]	**1.38**	**5.28**	0.0191 U	0.155	**10.2**	**0.394**	**14.7**	**12**
Lead, Total	0.025	0.00045 J	0.00151	0.00034 U	0.00155	0.00789	0.00141	0.01102	0.01063
Magnesium, Total	35	30.9	**38.3**	28.8	16.6	33.9	30.3	**44.2**	**44.2**
Manganese, Total	0.3 [3]	**0.8464**	**0.7737**	0.1817	0.04832	**1.563**	**0.4296**	**1.225**	**1.222**
Potassium, Total	---	5.81	3.01	1.65	1.84	2.79	3.82	3.95	3.76
Sodium, Total	20	**38.2**	13.4	1.29	**95.4**	**21.6**	**45.1**	**26.4**	**25.9**

Notes:

Values in **BOLD** indicate an exceedance of applicable water quality standard.

--- = No applicable standard or guidance value available.

U or ND = Not Detected (ND). The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

J = Result is less than the reporting limit but greater than or equal to the method detection limit and the concentration is an approximate value.

[1] = NY TOGs 1.1.1: Water Quality Stds & *Guidance Values* : GA Water Class for Standard and Guidance Values; Eff. June 2004

[2] = Laboratory Method Detection Limit is greater than or equal to the applicable water quality standard.

[3] = The standard for the sum of iron and manganese is 0.5 mg/L.

Table 4

Summary of Surface Water Analytical Results
May 28, 2025
Orange County Landfill, Goshen, New York

ANALYTE	NY-AWQS [1]	SW-5	SW-8	SW-13
		5/28/2025	5/28/2025	5/28/2025
LEACHATE INDICATOR PARAMETERS, mg/L				
Alkalinity, Total	---	111	111	111
Bromide	---	0.042 J	0.042 J	0.042 J
BOD	---	ND U	ND U	ND U
Chemical Oxygen Demand	---	15	29	15
Chloride	---	57	57.3	58
Hardness	---	133	138.8	139.2
Nitrogen, Ammonia	[3]	0.159	0.053 J	0.056 J
Nitrogen, Nitrate	---	0.59	0.58	0.58
Nitrogen, Total Kjeldahl	---	0.833	0.759	0.657
Phenolics, Total	0.001	0.006 U[2]	0.006 U[2]	0.006 U[2]
Sulfate	---	12.6	12.6	12.7
Solids, Total Dissolved	500	220	220	230
Total Organic Carbon	---	6.23	6.41	6.33
TOTAL METALS, mg/L				
Arsenic, Total	0.15	0.00114	0.00147	0.00112
Cadmium, Total	[4]	0.00005 U	0.00005 U	0.00005 U
Calcium, Total	---	35.8	37.5	37.6
Iron, Total	0.3	**0.916**	**1.8**	**0.935**
Lead, Total	[4]	0.00096 J	0.00208	0.001
Magnesium, Total	---	10.6	11	11
Manganese, Total	---	0.09944	0.1851	0.1012
Potassium, Total	---	1.32	1.4	1.37
Sodium, Total	---	31.5	31.8	33

Notes:

Values in **BOLD** indicate an exceedance of applicable water quality standard.

Values in *ITALIC* indicate the guidence value where no surface water standard is available.

--- = No standard or guidance value available.

U or ND = Not Detected (ND). The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

J = Result is less than the laboratory reporting limit but greater than or equal to the method detection limit and the concentration is an approximate value.

[1] = T.O.G.S. 1.1.1 Ambient Water Quality Standards for Class C Surface Water, A(C): Fish Propagation (fresh waters)

[2] = Laboratory Method Detection Limit is greater than or equal to the applicable water quality standard.

[3] = Surface water standard for ammonia (mg/L) is interpolated using the temperatures and pH of the individual samples.

Ammonia (mg/L): SW-5 = 1.28 SW-8 = 1.91 SW-13 = 1.97

[4] = Surface Water Standard for Cadmium and Lead are based on the individual sample's hardness.

Cadmium (mg/L): SW-5: 0.0026 SW-8: 0.0027 SW-13: 0.0027

Lead (mg/L): SW-5: 0.0052 SW-8: 0.0054 SW-13: 0.0054

Table 5

Summary of Leachate Analytical Results
May 29, 2025
Orange County Landfill, Goshen, New York

ANALYTE	NY-AWQS [1]	MH-7 5/29/2025	MH-15 5/29/2025
LEACHATE INDICATOR PARAMETERS, mg/L			
Alkalinity, Total	---	1640	483
Bromide	2	**9.5**	0.274
BOD	---	16	8.3
Chemical Oxygen Demand	---	340	39
Chloride	250	**1,100**	42.4
Hardness, Total	---	549.4	440.9
Nitrogen, Ammonia	2	**281**	**14.2**
Nitrogen, Nitrate	10	4.1	0.1
Nitrogen, Total Kjeldahl	---	307	14.9
Phenolics, Total	0.001	0.006 U[2]	0.006 U[2]
Sulfate	250	94.2 J	2.7
Total Dissolved Solids	500	**2,700**	**550**
Total Organic Carbon	---	128	11.8
TOTAL METALS, mg/L			
Arsenic, Total	0.025	0.00682	0.00127
Cadmium, Total	0.005	0.00029 U	0.00005 U
Calcium, Total	---	102	142
Iron, Total	0.3 [3]	**2.43**	**11.5**
Lead, Total	0.025	0.00416 J	0.00034 U
Magnesium, Total	35	**71.2**	20.6
Manganese, Total	0.3 [3]	**0.2675**	**0.9973**
Potassium, Total	---	158	10.2
Sodium, Total	20	**667**	**35.7**

Notes:

Values in **BOLD** indicate an exceedance of applicable water quality standard.

--- = No standard or guidance value available.

U or ND = Analyte was not detected at or above reported concentration.

J = Result is less than the reporting limit but greater than or equal to the method detection limit and the concentration is an approximate value.

[1] = NY TOGs 1.1.1: Water Quality Stds & Guidance Values: GA Water Class for Standard and Guidance Values; Eff. June 2004

[2] = The sample specific reporting limit does not support the applicable groundwater standard.

[3] = The standard for the sum of iron and manganese is 0.5 mg/L.

APPENDIX A

ORANGE COUNTY LANDFILL POST-CLOSURE FIELD INSPECTION DOCUMENTS AND MONTHLY INSPECTION REPORTS

ANNUAL MONITORING AND MAINTENANCE OPERATIONS CHECKLIST
ORANGE COUNTY LANDFILL
YEAR 2023

TASK DESCRIPTION	TASK FREQUENCY	MONTH TASK WAS COMPLETED [2]											
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Mowing	Bi-annually						6/27	7/17	8/29	9/15			
Monthly Inspections (Internal)	Monthly	1/17	2/16	3/30	4/21	5/23	6/28	7/25	8/29	9/20	10/20	11/17	12/27
Annual Post-Closure Monitoring Report Submitted to NYSDEC[1]	Every Fifth Quarter												
Periodic Review Report Submitted to NYSDEC	Annually												

[1] Annual Monitoring includes groundwater monitoring, surface water monitoring, leachate monitoring, and explosive gas monitoring.

[2] Upon completeion of the task, the appropriate space should be initial and dated by the person that completed the task.

ORANGE COUNTY LANDFILL
SITE MANAGEMENT PLAN

MONTHLY POST-CLOSURE FIELD INSPECTION REPORT
ORANGE COUNTY

Date: 4-21-2023 Performed By: Ron Roberts

1.	Access road condition	☑ Good	☐ Fair	☐ Poor *	
2.	Access Control (Monitoring of Access road & entrance into landfill property)	☑ Has been maintained properly	☐ Has not been maintained properly		
3.	Roadside ditches, culverts & other site drainage ways	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
4.	Catch Basins	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
5.	Detention Basin	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
6.	Terraces	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
7.	Terraces downchutes	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
8.	Terraces headwall	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
9.	Grass condition	☑ Good	☐ Poor	☐ Dead	
10.	Other Plants Present	☐ Burdock	☐ Thistle	☐ Other	
	Woody Plants	☑ Not on cap	☐ Present*	Date Removed:_____	
12.	Capped Gas Wells	☑ Good Condition	☐ Damaged*		
13.	Surface erosion	☑ None	☐ Minor	☐ Needs repair *	
14.	Landfill Stability (Sloughing)	☑ No soil movement	☐ Soil movement present*		
15.	Cracks (Within landfill cover)	☑ No Cracks Visible	☐ Landfill cover crack(s) are visible* (Note Measurement, Location & Description)		
16.	Geomembrane liner exposed	☑ No	☐ Yes		
17.	Settlement	☑ No Settlement visible	☐ Settlement is visible* (Note Measurement, Location & Description)		
18.	Most recent mowing date: 10-5-2022				
19.	Stressed vegetation	☑ No	☐ Yes*		
20.	Damage to leachate cleanouts	☑ No	☐ Yes		
21.	Monitoring Wells	☑ Secure with locks	☐ Damaged*		
22.	Litter present	☑ No	☐ Yes	Est. removal date:_____	
23.	Evidence of ponded water	☑ None	☐ Observed*	☐ Suspected *	
24.	Fallen trees	☑ None	☐ Present on cap *	Est. removal date:_____	
25.	Evidence of trespass	☐ Yes*	☑ No		
	Evidence of motor vehicle trespass	☑ No	☐ Auto/Truck	☐ Motorcycle	☐ ATV
27.	Woodchuck/rodent holes in cap	☑ No	☐ Yes	Date Backfilled:_____	
28.	Evidence of lightning strike	☑ No	☐ Yes *		

29. *Unauthorized materials present* ☑ No ☐ Yes *

30. Dead Animals present ☑ No ☐ Yes *

Oil slick on adjacent waters ☑ No ☐ Yes *

Damaged leachate manholes ☑ No ☐ Yes *

33. Leachate seeps ☑ No ☐ Yes Stain Color: _____

Length: _____

34. Leachate fluid ☐ Puddle * ☐ Stream * ☒ None

35. Gulls/scavenger birds present ☑ No ☐ Yes *

36. Other animal foraging evidence ☑ No ☐ Yes *

37. No smoking warnings ☑ Present ☐ Missing/Damaged

38. Survey Monuments ☑ Undisturbed ☐ Disturbed

39. Leachate Collection tanks and piping

L-1	☑ OK	☐ Problem *
L-2	☑ OK	☐ Problem *
L-3	☑ OK	☐ Problem *
L-4	☐ OK	☑ Problem *
L-5	☑ OK	☐ Problem *
L-7	☑ OK	☐ Problem *

35. Condensate Tanks

C-1	☑ OK	☐ Problem *
C-2	☑ OK	☐ Problem *
C-3	☑ OK	☐ Problem *
C-4 (Maintenance Shop)	☑ OK	☐ Problem *

* = Enter comment on next page and mark location on map with an "X" and item number

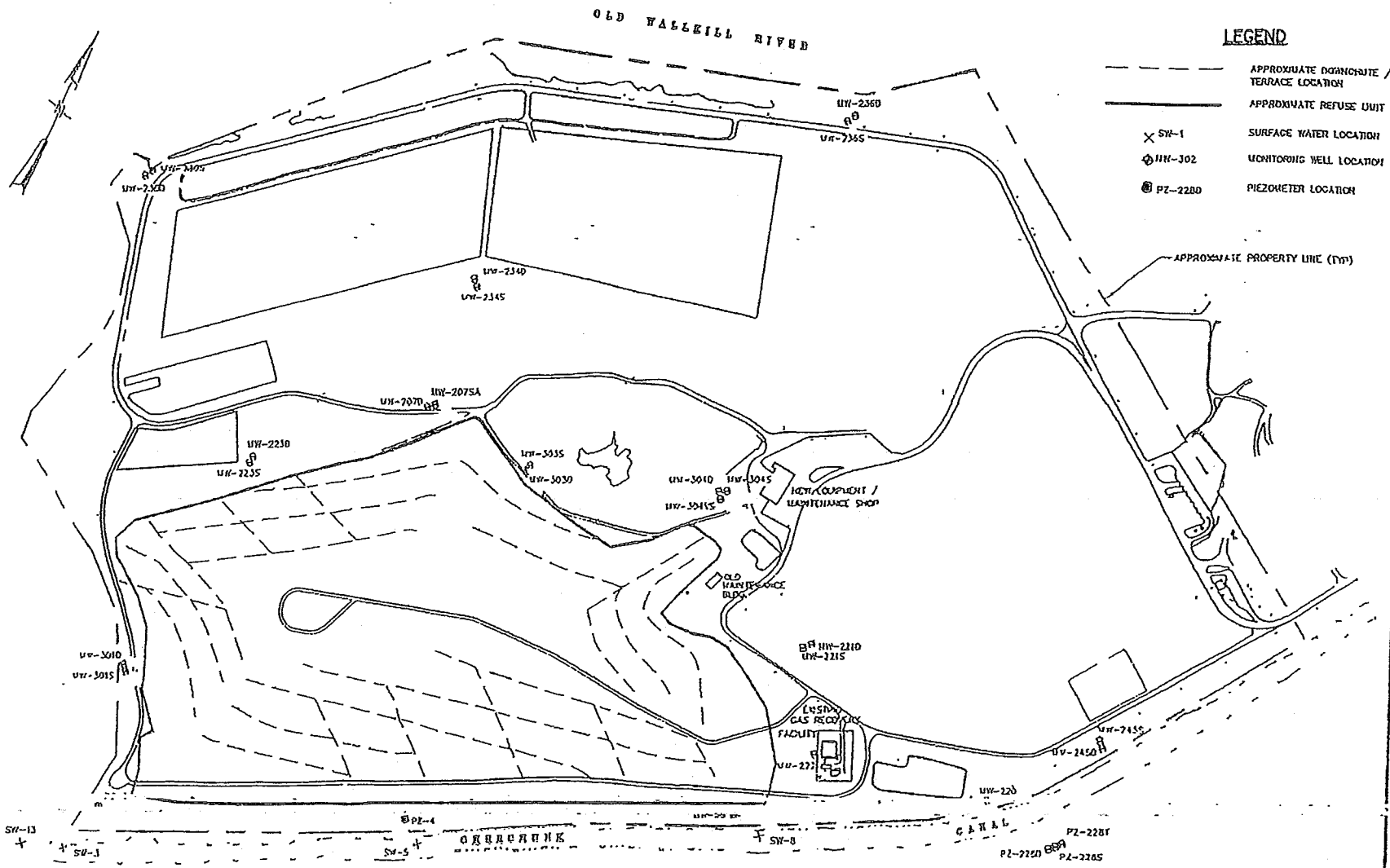
COMMENTS: L-4 needs pipes connected to tank Sump pump

CORRECTIVE ACTION TAKEN:

BY:

DATE: 4-21-2023

C:\JOBS\MRY\#2535\2535F-2A.DWG 03/12/96



Stearns&Wheler
ENVIRONMENTAL ENGINEERS & SCIENTISTS

SCALE: 1" = 600'

DATE: 03/96 JOB No.: 2535

ORANGE COUNTY LANDFILL
TOWN OF GOSHEN, NEW YORK

FIGURE 2A
FIELD INSPECTION SITE MAP

ORANGE COUNTY LANDFILL
SITE MANAGEMENT PLAN

MONTHLY POST-CLOSURE FIELD INSPECTION REPORT
ORANGE COUNTY

Date: 5-23-2023 Performed By: Ron Roberts

1.	Access road condition	☑ Good	☐ Fair	☐ Poor *	
2.	Access Control (Monitoring of Access road & entrance into landfill property)	☑ Has been maintained properly	☐ Has not been maintained properly		
3.	Roadside ditches, culverts & other site drainage ways	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
4.	Catch Basins	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
5.	Detention Basin	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
6.	Terraces	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
7.	Terraces downchutes	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
8.	Terraces headwall	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
9.	Grass condition	☑ Good	☐ Poor	☐ Dead	
10.	Other Plants Present	☐ Burdock	☐ Thistle	☐ Other	
	Woody Plants	☑ Not on cap	☐ Present*	Date Removed:_____	
12.	Capped Gas Wells	☑ Good Condition	☐ Damaged*		
13.	Surface erosion	☑ None	☐ Minor	☐ Needs repair *	
14.	Landfill Stability (Sloughing)	☑ No soil movement	☐ Soil movement present*		
15.	Cracks (Within landfill cover)	☑ No Cracks Visible	☐ Landfill cover crack(s) are visible* (Note Measurement, Location & Description)		
16.	Geomembrane liner exposed	☑ No	☐ Yes		
17.	Settlement	☑ No Settlement visible	☐ Settlement is visible* (Note Measurement, Location & Description)		
18.	Most recent mowing date: 10-5-2022				
19.	Stressed vegetation	☑ No	☐ Yes*		
20.	Damage to leachate cleanouts	☑ No	☐ Yes		
21.	Monitoring Wells	☑ Secure with locks	☐ Damaged*		
22.	Litter present	☑ No	☐ Yes	Est. removal date:_____	
23.	Evidence of ponded water	☑ None	☐ Observed*	☐ Suspected *	
24.	Fallen trees	☑ None	☐ Present on cap *	Est. removal date:_____	
25.	Evidence of trespass	☐ Yes*	☑ No		
	Evidence of motor vehicle trespass	☑ No	☐ Auto/Truck	☐ Motorcycle	☐ ATV
27.	Woodchuck/rodent holes in cap	☑ No	☐ Yes	Date Backfilled:_____	
28.	Evidence of lightning strike	☑ No	☐ Yes *		

29. *Unauthorized materials present* ☑ No ☐ Yes *

30. Dead Animals present ☑ No ☐ Yes *

Oil slick on adjacent waters ☑ No ☐ Yes *

2. Damaged leachate manholes ☑ No ☐ Yes *

33. Leachate seeps ☑ No ☐ Yes Stain Color: _____

Length: _____

34. Leachate fluid ☐ Puddle * ☐ Stream * ☑ None

35. Gulls/scavenger birds present ☑ No ☐ Yes *

36. Other animal foraging evidence ☑ No ☐ Yes *

37. No smoking warnings ☑ Present ☐ Missing/Damaged

38. Survey Monuments ☑ Undisturbed ☐ Disturbed

39. Leachate Collection tanks and piping

L - 1	☑ OK	☐ Problem *
L - 2	☑ OK	☐ Problem *
L - 3	☑ OK	☐ Problem *
L - 4	☑ OK	☐ Problem *
L - 5	☑ OK	☐ Problem *
L - 7	☑ OK	☐ Problem *

35. Condensate Tanks

C - 1	☑ OK	☐ Problem *
C – 2	☑ OK	☐ Problem *
C - 3	☑ OK	☐ Problem *
C – 4	(Maintenance Shop)	
	☑ OK	☐ Problem *

* = Enter comment on next page and mark location on map with an "X" and item number

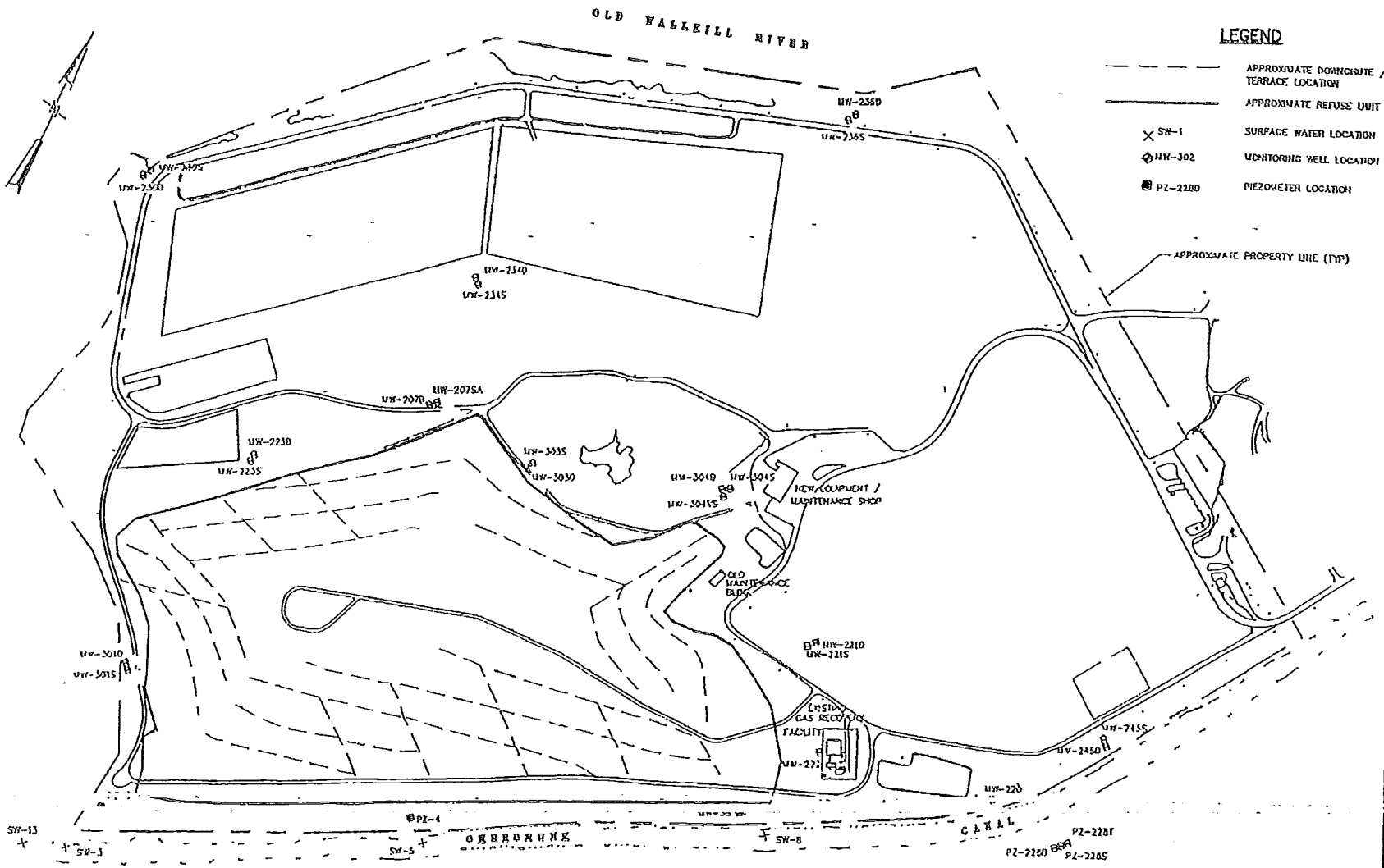
COMMENTS: L-4 Fixed, back up and running on May 4th.

CORRECTIVE ACTION TAKEN:

BY:

DATE: 5-23-23

C:\JOBS\MRY\#2535\2535F-2A.DWG 03/12/96



Stearns & Wheler
ENVIRONMENTAL ENGINEERS & SCIENTISTS

SCALE: 1" = 600'

DATE: 03/96 JOB No.: 2535

ORANGE COUNTY LANDFILL
TOWN OF GOSHEN, NEW YORK

FIGURE 2A
FIELD INSPECTION SITE MAP

ORANGE COUNTY LANDFILL
SITE MANAGEMENT PLAN

MONTHLY POST-CLOSURE FIELD INSPECTION REPORT
ORANGE COUNTY

Date: 6-28-2023 Performed By: Ron Roberts

1.	Access road condition	☑ Good	☐ Fair	☐ Poor *	
2.	Access Control (Monitoring of Access road & entrance into landfill property)	☑ Has been maintained properly	☐ Has not been maintained properly		
3.	Roadside ditches, culverts & other site drainage ways	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
4.	Catch Basins	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
5.	Detention Basin	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
6.	Terraces	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
7.	Terraces downchutes	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
8.	Terraces headwall	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
9.	Grass condition	☑ Good	☐ Poor	☐ Dead	
10.	Other Plants Present	☐ Burdock	☐ Thistle	☐ Other	
	Woody Plants	☑ Not on cap	☐ Present*	Date Removed:_____	
12.	Capped Gas Wells	☑ Good Condition	☐ Damaged*		
13.	Surface erosion	☑ None	☐ Minor	☐ Needs repair *	
14.	Landfill Stability (Sloughing)	☑ No soil movement	☐ Soil movement present*		
15.	Cracks (Within landfill cover)	☑ No Cracks Visible	☐ Landfill cover crack(s) are visible* (Note Measurement, Location & Description)		
16.	Geomembrane liner exposed	☑ No	☐ Yes		
17.	Settlement	☑ No Settlement visible	☐ Settlement is visible* (Note Measurement, Location & Description)		
18.	Most recent mowing date: 6-27-2023				
19.	Stressed vegetation	☑ No	☐ Yes*		
20.	Damage to leachate cleanouts	☑ No	☐ Yes		
21.	Monitoring Wells	☑ Secure with locks	☐ Damaged*		
22.	Litter present	☑ No	☐ Yes	Est. removal date:_____	
23.	Evidence of ponded water	☑ None	☐ Observed*	☐ Suspected *	
24.	Fallen trees	☑ None	☐ Present on cap *	Est. removal date:_____	
25.	Evidence of trespass	☐ Yes*	☑ No		
	Evidence of motor vehicle trespass	☑ No	☐ Auto/Truck	☐ Motorcycle	☐ ATV
27.	Woodchuck/rodent holes in cap	☑ No	☐ Yes	Date Backfilled:_____	
28.	Evidence of lightning strike	☑ No	☐ Yes *		

29. *Unauthorized materials present*	☑ No	☐ Yes *		
30. Dead Animals present	☑ No	☐ Yes *		
Oil slick on adjacent waters	☑ No	☐ Yes *		
32. Damaged leachate manholes	☑ No	☐ Yes *		
33. Leachate seeps	☑ No	☐ Yes	Stain Color: _____	
			Length: _____	
34. Leachate fluid	☐ Puddle *	☐ Stream *	☐ None	
35. Gulls/scavenger birds present	☑ No	☐ Yes *		
36. Other animal foraging evidence	☑ No	☐ Yes *		
37. No smoking warnings	☑ Present	☐ Missing/Damaged		
38. Survey Monuments	☑ Undisturbed	☐ Disturbed		

39. Leachate Collection tanks and piping

L - 1	☑ OK	☐ Problem *
L - 2	☑ OK	☐ Problem *
L - 3	☑ OK	☐ Problem *
L - 4	☑ OK	☐ Problem *
L - 5	☑ OK	☐ Problem *
L - 7	☑ OK	☐ Problem *

35. Condensate Tanks

C - 1	☑ OK	☐ Problem *
C – 2	☑ OK	☐ Problem *
C - 3	☑ OK	☐ Problem *
C – 4	(Maintenance Shop)	
	☑ OK	☐ Problem *

* = Enter comment on next page and mark location on map with an "X" and item number

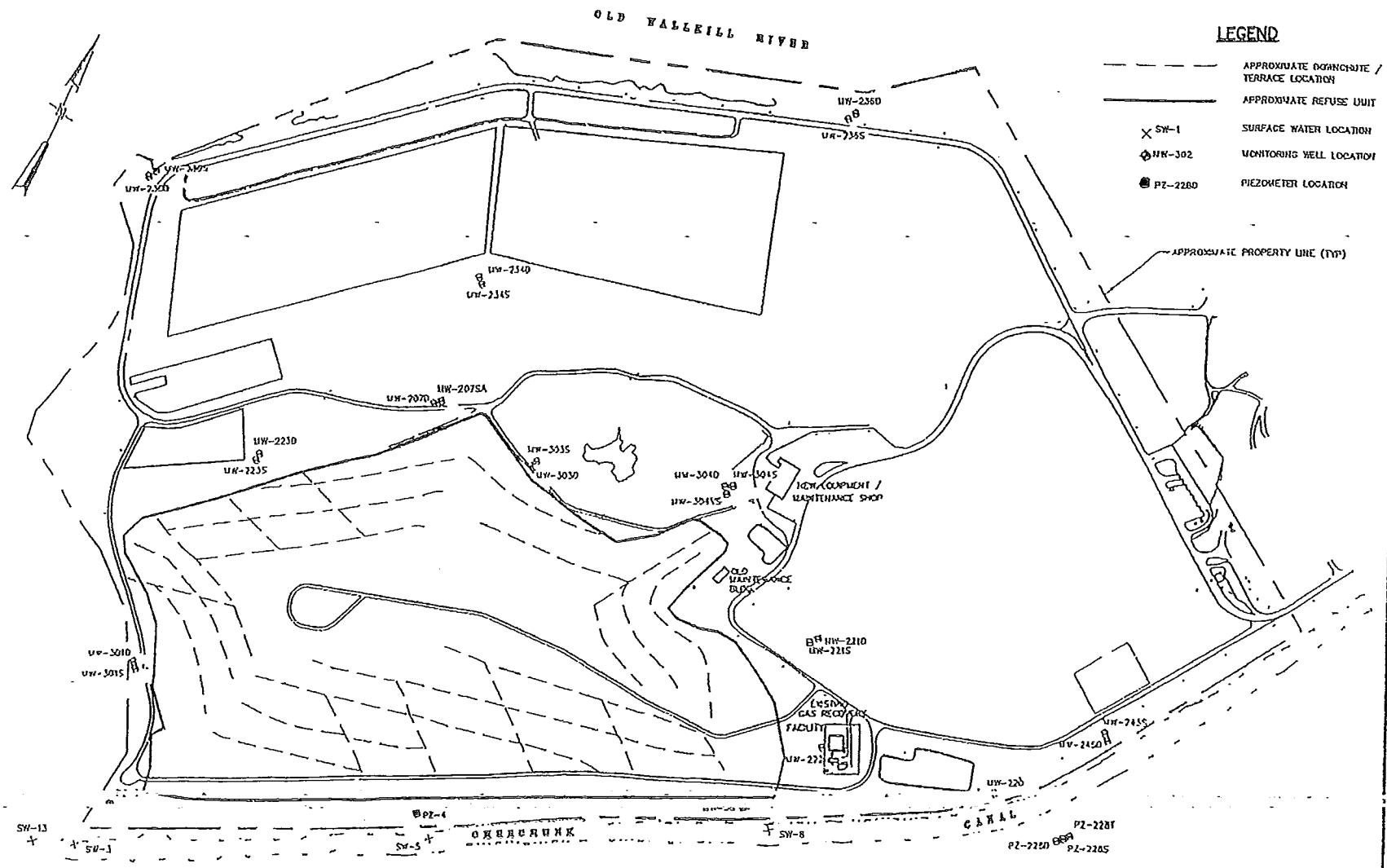
COMMENTS:

)RRECTIVE ACTION TAKEN:

BY:

DATE: 6-28-23

C:\JOBS\MRY\#2535\2535F-2A.DWG 03/12/96



Stearns&Wheler
ENVIRONMENTAL ENGINEERS & SCIENTISTS

SCALE: 1" = 600'

DATE: 03/96 JOB No.: 2535

ORANGE COUNTY LANDFILL
TOWN OF GOSHEN, NEW YORK

FIGURE 2A
FIELD INSPECTION SITE MAP

ORANGE COUNTY LANDFILL
SITE MANAGEMENT PLAN

MONTHLY POST-CLOSURE FIELD INSPECTION REPORT
ORANGE COUNTY

Date: 7-25-2023 Performed By: Ron Roberts

1.	Access road condition	☑ Good	☐ Fair	☐ Poor *	
2.	Access Control (Monitoring of Access road & entrance into landfill property)	☑ Has been maintained properly	☐ Has not been maintained properly		
3.	Roadside ditches, culverts & other site drainage ways	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
4.	Catch Basins	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
5.	Detention Basin	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
6.	Terraces	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
7.	Terraces downchutes	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
8.	Terraces headwall	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
9.	Grass condition	☑ Good	☐ Poor	☐ Dead	
10.	Other Plants Present	☐ Burdock	☐ Thistle	☐ Other	
11.	Woody Plants	☑ Not on cap	☐ Present*	Date Removed:_____	
12.	Capped Gas Wells	☑ Good Condition	☐ Damaged*		
13.	Surface erosion	☑ None	☐ Minor	☐ Needs repair *	
14.	Landfill Stability (Sloughing)	☑ No soil movement	☐ Soil movement present*		
15.	Cracks (Within landfill cover)	☑ No Cracks Visible	☐ Landfill cover crack(s) are visible* (Note Measurement, Location & Description)		
16.	Geomembrane liner exposed	☑ No	☐ Yes		
17.	Settlement	☑ No Settlement visible	☐ Settlement is visible* (Note Measurement, Location & Description)		
18.	Most recent mowing date: 7-17-2023				
19.	Stressed vegetation	☑ No	☐ Yes*		
20.	Damage to leachate cleanouts	☑ No	☐ Yes		
21.	Monitoring Wells	☑ Secure with locks	☐ Damaged*		
22.	Litter present	☑ No	☐ Yes	Est. removal date:_____	
23.	Evidence of ponded water	☑ None	☐ Observed*	☐ Suspected *	
24.	Fallen trees	☑ None	☐ Present on cap *	Est. removal date:_____	
25.	Evidence of trespass	☐ Yes*	☑ No		
26.	Evidence of motor vehicle trespass	☑ No	☐ Auto/Truck ☐ Motorcycle	☐ ATV	
27.	Woodchuck/rodent holes in cap	☑ No	☐ Yes	Date Backfilled:_____	
28.	Evidence of lightning strike	☑ No	☐ Yes *		

29. *Unauthorized materials present*	☑ No	☐ Yes *		
30. Dead Animals present	☑ No	☐ Yes *		
31. Oil slick on adjacent waters	☑ No	☐ Yes *		
32. Damaged leachate manholes	☑ No	☐ Yes *		
33. Leachate seeps	☑ No	☐ Yes	Stain Color: _____	
			Length: _____	
34. Leachate fluid	☐ Puddle *	☐ Stream *	☐ None	
35. Gulls/scavenger birds present	☑ No	☐ Yes *		
36. Other animal foraging evidence	☑ No	☐ Yes *		
37. No smoking warnings	☑ Present	☐ Missing/Damaged		
38. Survey Monuments	☑ Undisturbed	☐ Disturbed		

39. Leachate Collection tanks and piping

L - 1	☑ OK	☐ Problem *
L - 2	☑ OK	☐ Problem *
L - 3	☑ OK	☐ Problem *
L - 4	☑ OK	☐ Problem *
L - 5	☑ OK	☐ Problem *
L - 7	☑ OK	☐ Problem *

35. Condensate Tanks

C - 1	☑ OK	☐ Problem *
C – 2	☑ OK	☐ Problem *
C - 3	☑ OK	☐ Problem *
C – 4	(Maintenance Shop)	
	☑ OK	☐ Problem *

* = Enter comment on next page and mark location on map with an "X" and item number

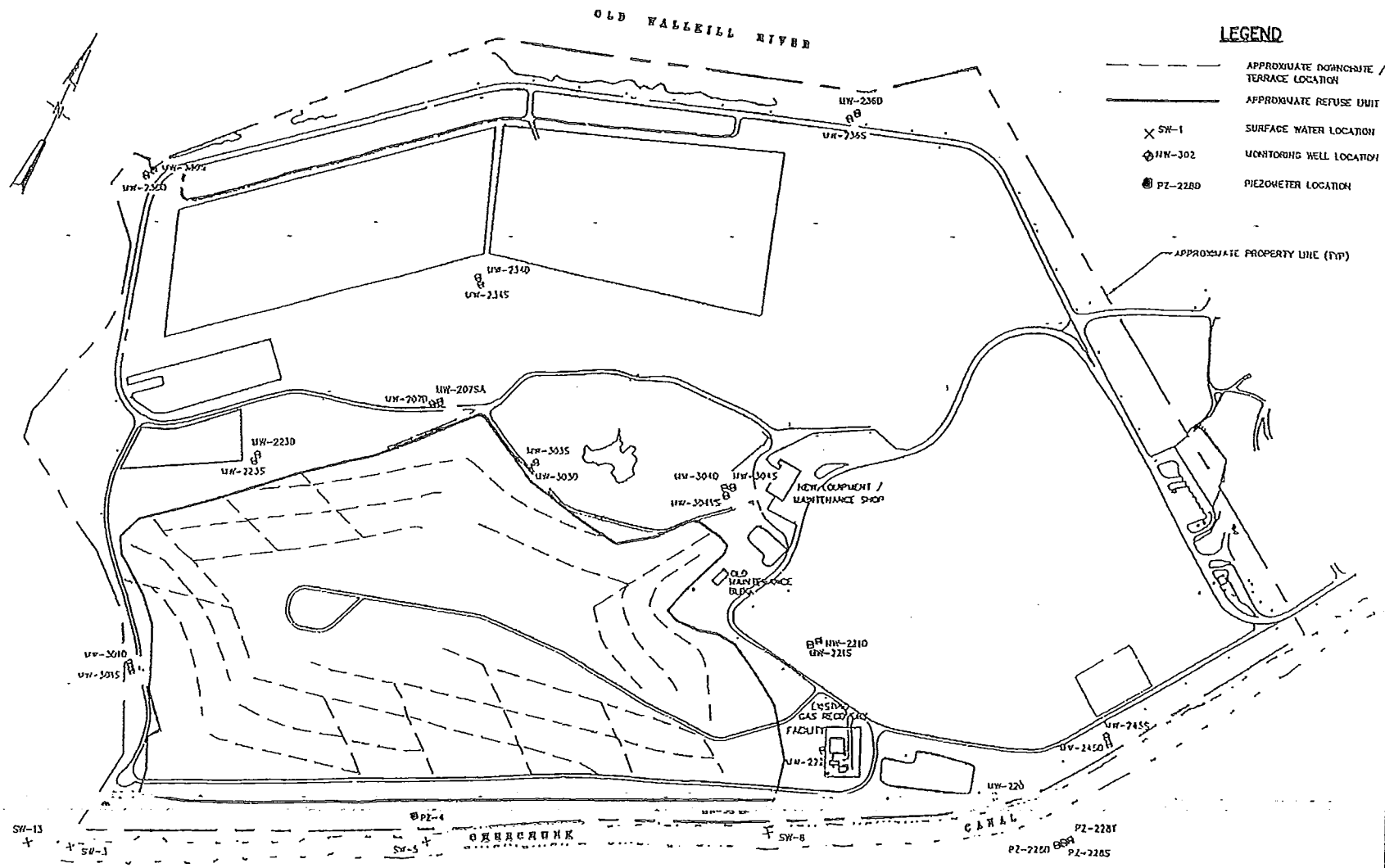
COMMENTS:

CORRECTIVE ACTION TAKEN:

BY:

DATE: 7.25.23

C:\JOBS\MRY\#2535\2535F-2A.DWG 03/12/96



SCALE: 1" = 600'

Stearns&Wheler
ENVIRONMENTAL ENGINEERS & SCIENTISTS

DATE: 03/96 JOB No.: 2535

ORANGE COUNTY LANDFILL
TOWN OF GOSHEN, NEW YORK

FIGURE 2A
FIELD INSPECTION SITE MAP

ORANGE COUNTY LANDFILL
SITE MANAGEMENT PLAN

MONTHLY POST-CLOSURE FIELD INSPECTION REPORT
ORANGE COUNTY

Date: 8-29-23 Performed By: Ron Roberts

1.	Access road condition	☑ Good	☐ Fair	☐ Poor *	
2.	Access Control (Monitoring of Access road & entrance into landfill property)	☑ Has been maintained properly	☐ Has not been maintained properly		
3.	Roadside ditches, culverts & other site drainage ways	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
4.	Catch Basins	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
5.	Detention Basin	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
6.	Terraces	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
7.	Terraces downchutes	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
8.	Terraces headwall	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
9.	Grass condition	☑ Good	☐ Poor	☐ Dead	
10.	Other Plants Present	☐ Burdock	☐ Thistle	☐ Other	
11.	Woody Plants	☑ Not on cap	☐ Present*	Date Removed:_____	
12.	Capped Gas Wells	☑ Good Condition	☐ Damaged*		
13.	Surface erosion	☑ None	☐ Minor	☐ Needs repair *	
14.	Landfill Stability (Sloughing)	☑ No soil movement	☐ Soil movement present*		
15.	Cracks (Within landfill cover)	☑ No Cracks Visible	☐ Landfill cover crack(s) are visible* (Note Measurement, Location & Description)		
16.	Geomembrane liner exposed	☑ No	☐ Yes		
17.	Settlement	☑ No Settlement visible	☐ Settlement is visible* (Note Measurement, Location & Description)		
18.	Most recent mowing date: 8-29-23				
19.	Stressed vegetation	☑ No	☐ Yes*		
20.	Damage to leachate cleanouts	☑ No	☐ Yes		
21.	Monitoring Wells	☑ Secure with locks	☐ Damaged*		
22.	Litter present	☑ No	☐ Yes	Est. removal date:_____	
23.	Evidence of ponded water	☑ None	☐ Observed*	☐ Suspected *	
24.	Fallen trees	☑ None	☐ Present on cap *	Est. removal date:_____	
25.	Evidence of trespass	☐ Yes*	☑ No		
26.	Evidence of motor vehicle trespass	☑ No	☐ Auto/Truck	☐ Motorcycle	☐ ATV
27.	Woodchuck/rodent holes in cap	☑ No	☐ Yes	Date Backfilled:_____	
28.	Evidence of lightning strike	☑ No	☐ Yes *		

29. *Unauthorized materials present* ☑ No ☐ Yes *

30. Dead Animals present ☑ No ☐ Yes *

31. Oil slick on adjacent waters ☑ No ☐ Yes *

32. Damaged leachate manholes ☑ No ☐ Yes *

33. Leachate seeps ☑ No ☐ Yes Stain Color: _____

Length: _____

34. Leachate fluid ☐ Puddle * ☐ Stream * ☐ None

35. Gulls/scavenger birds present ☑ No ☐ Yes *

36. Other animal foraging evidence ☑ No ☐ Yes *

37. No smoking warnings ☑ Present ☐ Missing/Damaged

38. Survey Monuments ☑ Undisturbed ☐ Disturbed

39. Leachate Collection tanks and piping

L-1	☑ OK	☐ Problem *	C-1	☑ OK	☐ Problem *
L-2	☑ OK	☐ Problem *	C-2	☑ OK	☐ Problem *
L-3	☑ OK	☐ Problem *	C-3	☑ OK	☐ Problem *
L-4	☑ OK	☐ Problem *	C-4	(Maintenance Shop)	
L-5	☑ OK	☐ Problem *		☑ OK	☐ Problem *
L-7	☑ OK	☐ Problem *			

35. Condensate Tanks

* = Enter comment on next page and mark location on map with an "X" and item number

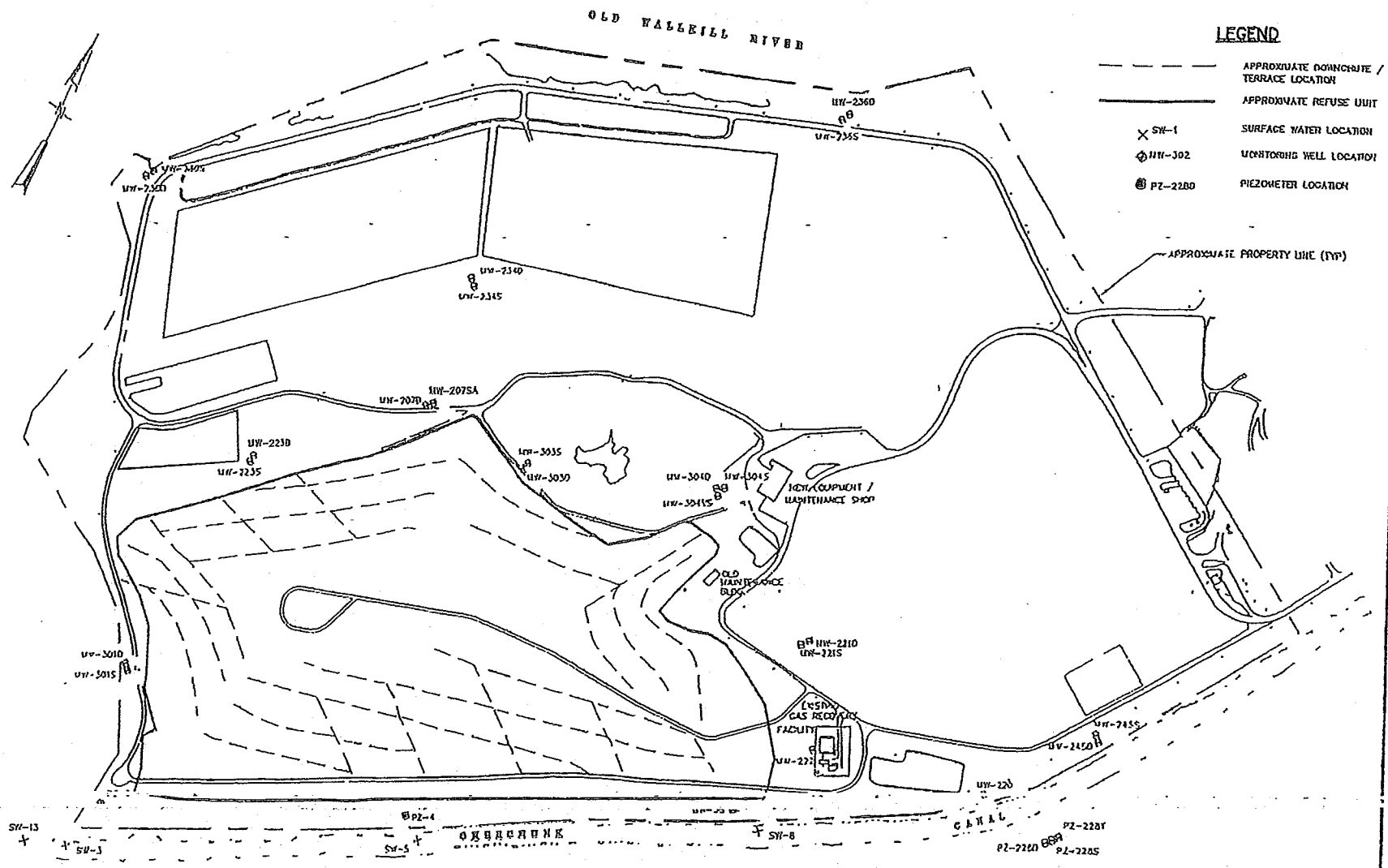
COMMENTS:

CORRECTIVE ACTION TAKEN:

BY: _____

DATE: 8.29.23

C:\JOBS\MRY\#2535\2535F-2A.DWG 03/12/96



Stearns&Wheler
ENVIRONMENTAL ENGINEERS & SCIENTISTS

SCALE: 1" = 600'

DATE: 03/96 JOB No.: 2535

ORANGE COUNTY LANDFILL
TOWN OF GOSHEN, NEW YORK

FIGURE 2A
FIELD INSPECTION SITE MAP

ORANGE COUNTY LANDFILL
SITE MANAGEMENT PLAN

MONTHLY POST-CLOSURE FIELD INSPECTION REPORT
ORANGE COUNTY

Date: 9-20-23 Performed By: Ron Roberts

1.	Access road condition	☑ Good	☐ Fair	☐ Poor *	
2.	Access Control (Monitoring of Access road & entrance into landfill property)	☑ Has been maintained properly	☐ Has not been maintained properly		
3.	Roadside ditches, culverts & other site drainage ways	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
4.	Catch Basins	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
5.	Detention Basin	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
6.	Terraces	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
7.	Terraces downchutes	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
8.	Terraces headwall	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
9.	Grass condition	☑ Good	☐ Poor	☐ Dead	
10.	Other Plants Present	☐ Burdock	☐ Thistle	☐ Other	
11.	Woody Plants	☑ Not on cap	☐ Present*	Date Removed:_____	
12.	Capped Gas Wells	☑ Good Condition	☐ Damaged*		
13.	Surface erosion	☑ None	☐ Minor	☐ Needs repair *	
14.	Landfill Stability (Sloughing)	☑ No soil movement	☐ Soil movement present*		
15.	Cracks (Within landfill cover)	☑ No Cracks Visible	☐ Landfill cover crack(s) are visible* (Note Measurement, Location & Description)		
16.	Geomembrane liner exposed	☑ No	☐ Yes		
17.	Settlement	☑ No Settlement visible	☐ Settlement is visible* (Note Measurement, Location & Description)		
18.	Most recent mowing date: 9-15-23				
19.	Stressed vegetation	☑ No	☐ Yes*		
20.	Damage to leachate cleanouts	☑ No	☐ Yes		
21.	Monitoring Wells	☑ Secure with locks	☐ Damaged*		
22.	Litter present	☑ No	☐ Yes	Est. removal date:_____	
23.	Evidence of ponded water	☑ None	☐ Observed*	☐ Suspected *	
24.	Fallen trees	☑ None	☐ Present on cap *	Est. removal date:_____	
25.	Evidence of trespass	☐ Yes*	☑ No		
	Evidence of motor vehicle trespass	☑ No	☐ Auto/Truck	☐ Motorcycle	☐ ATV
	Woodchuck/rodent holes in cap	☑ No	☐ Yes	Date Backfilled:_____	
28.	Evidence of lightning strike	☑ No	☐ Yes *		

29. *Unauthorized materials present* ☑ No ☐ Yes *

30. Dead Animals present ☑ No ☐ Yes *

31. Oil slick on adjacent waters ☑ No ☐ Yes *

32. Damaged leachate manholes ☑ No ☐ Yes *

33. Leachate seeps ☑ No ☐ Yes Stain Color: _____

Length: _____

34. Leachate fluid ☐ Puddle * ☐ Stream * ☐ None

35. Gulls/scavenger birds present ☑ No ☐ Yes *

36. Other animal foraging evidence ☑ No ☐ Yes *

37. No smoking warnings ☑ Present ☐ Missing/Damaged

38. Survey Monuments ☑ Undisturbed ☐ Disturbed

39. Leachate Collection tanks and piping

L-1	☑ OK	☐ Problem *
L-2	☑ OK	☐ Problem *
L-3	☑ OK	☐ Problem *
L-4	☑ OK	☐ Problem *
L-5	☑ OK	☐ Problem *
L-7	☑ OK	☐ Problem *

35. Condensate Tanks

C-1	☑ OK	☐ Problem *
C-2	☑ OK	☐ Problem *
C-3	☑ OK	☐ Problem *
C-4	(Maintenance Shop)	
	☑ OK	☐ Problem *

* = Enter comment on next page and mark location on map with an "X" and item number

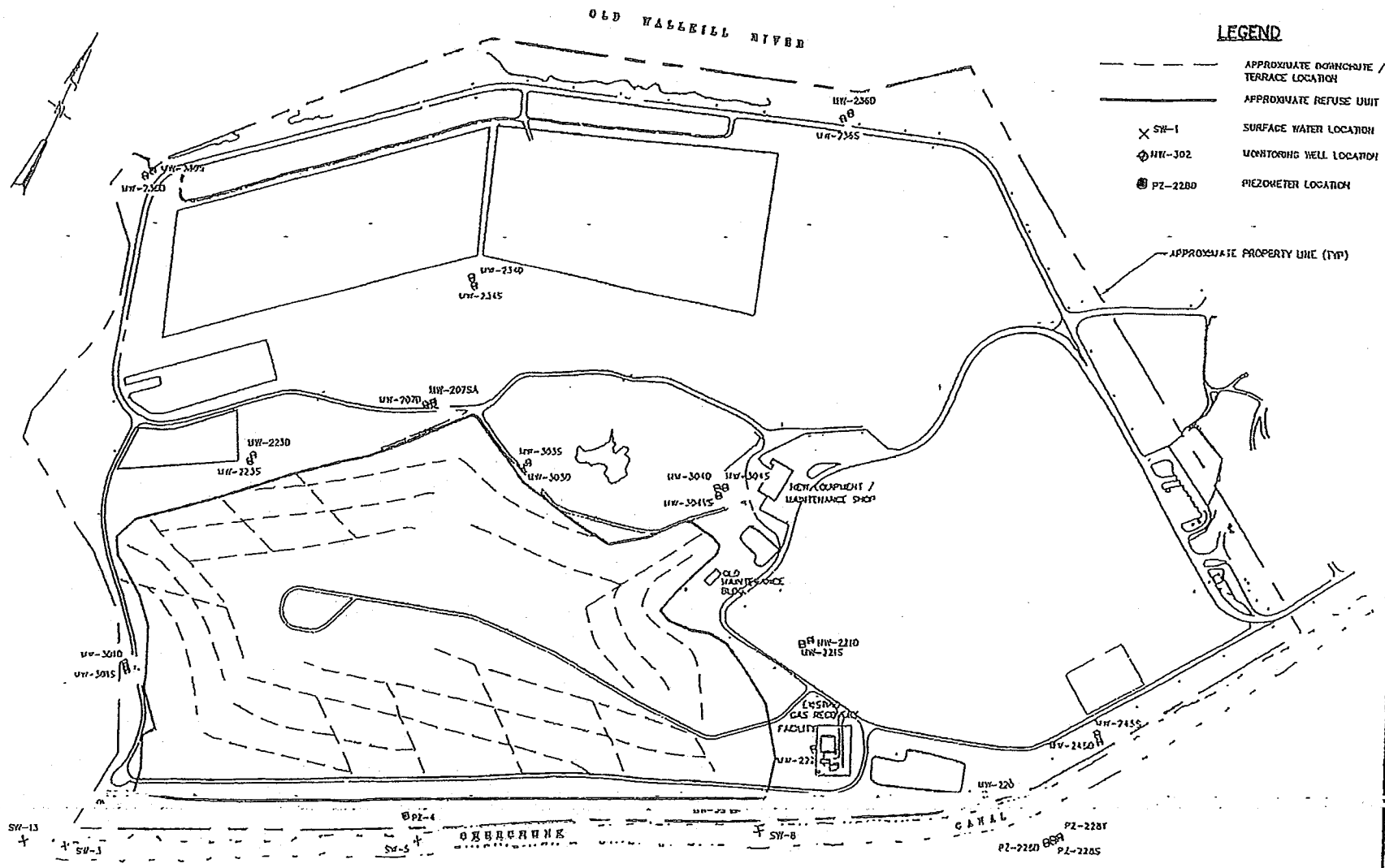
COMMENTS: 9-13-23 thru 9-16-23 L-2 was down, wires got cut with mower, TAM made repairs and is back in service on 9-16-23.

CORRECTIVE ACTION TAKEN:

BY:

DATE: 9-20-23

C:\JOBS\MRY\#2535\2535F-2A.DWG 03/12/96



SCALE: 1" = 600'

Stearns&Wheler
ENVIRONMENTAL ENGINEERS & SCIENTISTS

DATE: 03/96 JOB No.: 2535

ORANGE COUNTY LANDFILL
TOWN OF GOSHEN, NEW YORK

FIGURE 2A
FIELD INSPECTION SITE MAP

ORANGE COUNTY LANDFILL
SITE MANAGEMENT PLAN

MONTHLY POST-CLOSURE FIELD INSPECTION REPORT
ORANGE COUNTY

Date: 10-20-23 Performed By: Ron Roberts

1. Access road condition	☑ Good	☐ Fair	☐ Poor *	
2. Access Control (Monitoring of Access road & entrance into landfill property)	☑ Has been maintained properly	☐ Has not been maintained properly		
3. Roadside ditches, culverts & other site drainage ways	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
4. Catch Basins	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
5. Detention Basin	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
6. Terraces	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
7. Terraces downchutes	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
8. Terraces headwall	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
9. Grass condition	☑ Good	☐ Poor	☐ Dead	
10. Other Plants Present	☐ Burdock	☐ Thistle	☐ Other	
11. Woody Plants	☑ Not on cap	☐ Present*	Date Removed:_____	
12. Capped Gas Wells	☑ Good Condition	☐ Damaged*		
13. Surface erosion	☑ None	☐ Minor	☐ Needs repair *	
14. Landfill Stability (Sloughing)	☑ No soil movement	☐ Soil movement present*		
15. Cracks (Within landfill cover)	☑ No Cracks Visible	☐ Landfill cover crack(s) are visible* (Note Measurement, Location & Description)		
16. Geomembrane liner exposed	☑ No	☐ Yes		
17. Settlement	☑ No Settlement visible	☐ Settlement is visible* (Note Measurement, Location & Description)		
18. Most recent mowing date: 9-15-23				
19. Stressed vegetation	☑ No	☐ Yes*		
20. Damage to leachate cleanouts	☑ No	☐ Yes		
21. Monitoring Wells	☑ Secure with locks	☐ Damaged*		
22. Litter present	☑ No	☐ Yes	Est. removal date:_____	
23. Evidence of ponded water	☑ None	☐ Observed*	☐ Suspected *	
24. Fallen trees	☑ None	☐ Present on cap *	Est. removal date:_____	
25. Evidence of trespass	☐ Yes*	☑ No		
26. Evidence of motor vehicle trespass	☑ No	☐ Auto/Truck	☐ Motorcycle	☐ ATV
27. Woodchuck/rodent holes in cap	☑ No	☐ Yes	Date Backfilled:_____	
28. Evidence of lightning strike	☑ No	☐ Yes *		

29. *Unauthorized materials present* ☑ No ☐ Yes *

30. Dead Animals present ☑ No ☐ Yes *

31. Oil slick on adjacent waters ☑ No ☐ Yes *

32. Damaged leachate manholes ☑ No ☐ Yes *

33. Leachate seeps ☑ No ☐ Yes Stain Color: _____

Length: _____

34. Leachate fluid ☐ Puddle * ☐ Stream * ☐ None

35. Gulls/scavenger birds present ☑ No ☐ Yes *

36. Other animal foraging evidence ☑ No ☐ Yes *

37. No smoking warnings ☑ Present ☐ Missing/Damaged

38. Survey Monuments ☑ Undisturbed ☐ Disturbed

39. Leachate Collection tanks and piping

L-1	☑ OK	☐ Problem *
L-2	☑ OK	☐ Problem *
L-3	☑ OK	☐ Problem *
L-4	☑ OK	☐ Problem *
L-5	☑ OK	☐ Problem *
L-7	☑ OK	☐ Problem *

35. Condensate Tanks

C-1	☑ OK	☐ Problem *
C-2	☑ OK	☐ Problem *
C-3	☑ OK	☐ Problem *
C-4 (Maintenance Shop)	☑ OK	☐ Problem *

* = Enter comment on next page and mark location on map with an "X" and item number

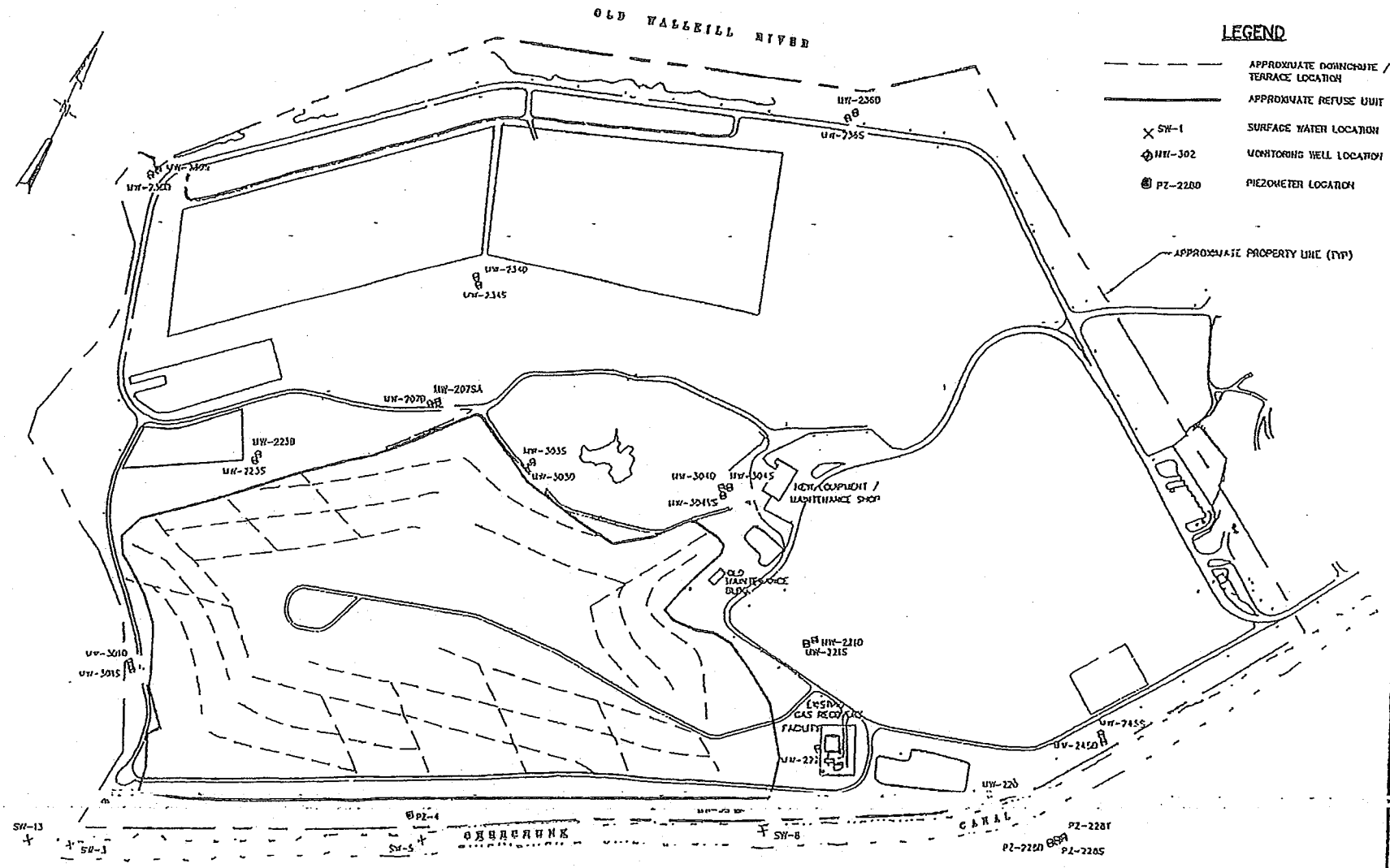
COMMENTS: 10-6-23- Horizontal pump no working. DBC was Contacted to alert them that it was down until repairs are made.

CORRECTIVE ACTION TAKEN:

BY: [signature]

DATE: 10-20-23

C:\JOBS\MRY\#2535\2535F-2A.DWG 03/12/96



SCALE: 1" = 600'	Stearns&Wheler ENVIRONMENTAL ENGINEERS & SCIENTISTS DATE: 03/96 JOB No.: 2535	ORANGE COUNTY LANDFILL TOWN OF GOSHEN, NEW YORK FIGURE 2A FIELD INSPECTION SITE MAP

ORANGE COUNTY LANDFILL
SITE MANAGEMENT PLAN

MONTHLY POST-CLOSURE FIELD INSPECTION REPORT
ORANGE COUNTY

Date: 11-17-23 Performed By: Ron Roberts

1. Access road condition	☑ Good	☐ Fair	☐ Poor *	
2. Access Control (Monitoring of Access road & entrance into landfill property)	☑ Has been maintained properly	☐ Has not been maintained properly		
3. Roadside ditches, culverts & other site drainage ways	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
4. Catch Basins	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
5. Detention Basin	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
6. Terraces	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
7. Terraces downchutes	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
8. Terraces headwall	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
9. Grass condition	☑ Good	☐ Poor	☐ Dead	
10. Other Plants Present	☐ Burdock	☐ Thistle	☐ Other	
11. Woody Plants	☑ Not on cap	☐ Present*	Date Removed:_____	
12. Capped Gas Wells	☑ Good Condition	☐ Damaged*		
13. Surface erosion	☑ None	☐ Minor	☐ Needs repair *	
14. Landfill Stability (Sloughing)	☑ No soil movement	☐ Soil movement present*		
15. Cracks (Within landfill cover)	☑ No Cracks Visible	☐ Landfill cover crack(s) are visible* (Note Measurement, Location & Description)		
16. Geomembrane liner exposed	☑ No	☐ Yes		
17. Settlement	☑ No Settlement visible	☐ Settlement is visible* (Note Measurement, Location & Description)		
18. Most recent mowing date: 9-15-23				
19. Stressed vegetation	☑ No	☐ Yes*		
20. Damage to leachate cleanouts	☑ No	☐ Yes		
21. Monitoring Wells	☑ Secure with locks	☐ Damaged*		
22. Litter present	☑ No	☐ Yes	Est. removal date:_____	
23. Evidence of ponded water	☑ None	☐ Observed*	☐ Suspected *	
24. Fallen trees	☑ None	☐ Present on cap *	Est. removal date:_____	
25. Evidence of trespass	☐ Yes*	☑ No		
Evidence of motor vehicle trespass	☑ No	☐ Auto/Truck	☐ Motorcycle	☐ ATV
Woodchuck/rodent holes in cap	☑ No	☐ Yes	Date Back filled:_____	
28. Evidence of lightning strike	☑ No	☐ Yes *		

29. *Unauthorized materials present* ☑ No ☐ Yes *

30. Dead Animals present ☑ No ☐ Yes *

31. Oil slick on adjacent waters ☑ No ☐ Yes *

32. Damaged leachate manholes ☑ No ☐ Yes *

33. Leachate seeps ☑ No ☐ Yes Stain Color: _____

Length: _____

34. Leachate fluid ☐ Puddle * ☐ Stream * ☐ None

35. Gulls/scavenger birds present ☑ No ☐ Yes *

36. Other animal foraging evidence ☑ No ☐ Yes *

37. No smoking warnings ☑ Present ☐ Missing/Damaged

38. Survey Monuments ☑ Undisturbed ☐ Disturbed

39. Leachate Collection tanks and piping

L-1	☑ OK	☐ Problem *
L-2	☑ OK	☐ Problem *
L-3	☑ OK	☐ Problem *
L-4	☑ OK	☐ Problem *
L-5	☑ OK	☐ Problem *
L-7	☑ OK	☐ Problem *

35. Condensate Tanks

C-1	☑ OK	☐ Problem *
C-2	☑ OK	☐ Problem *
C-3	☑ OK	☐ Problem *
C-4 (Maintenance Shop)	☑ OK	☐ Problem *

* = Enter comment on next page and mark location on map with an "X" and item number

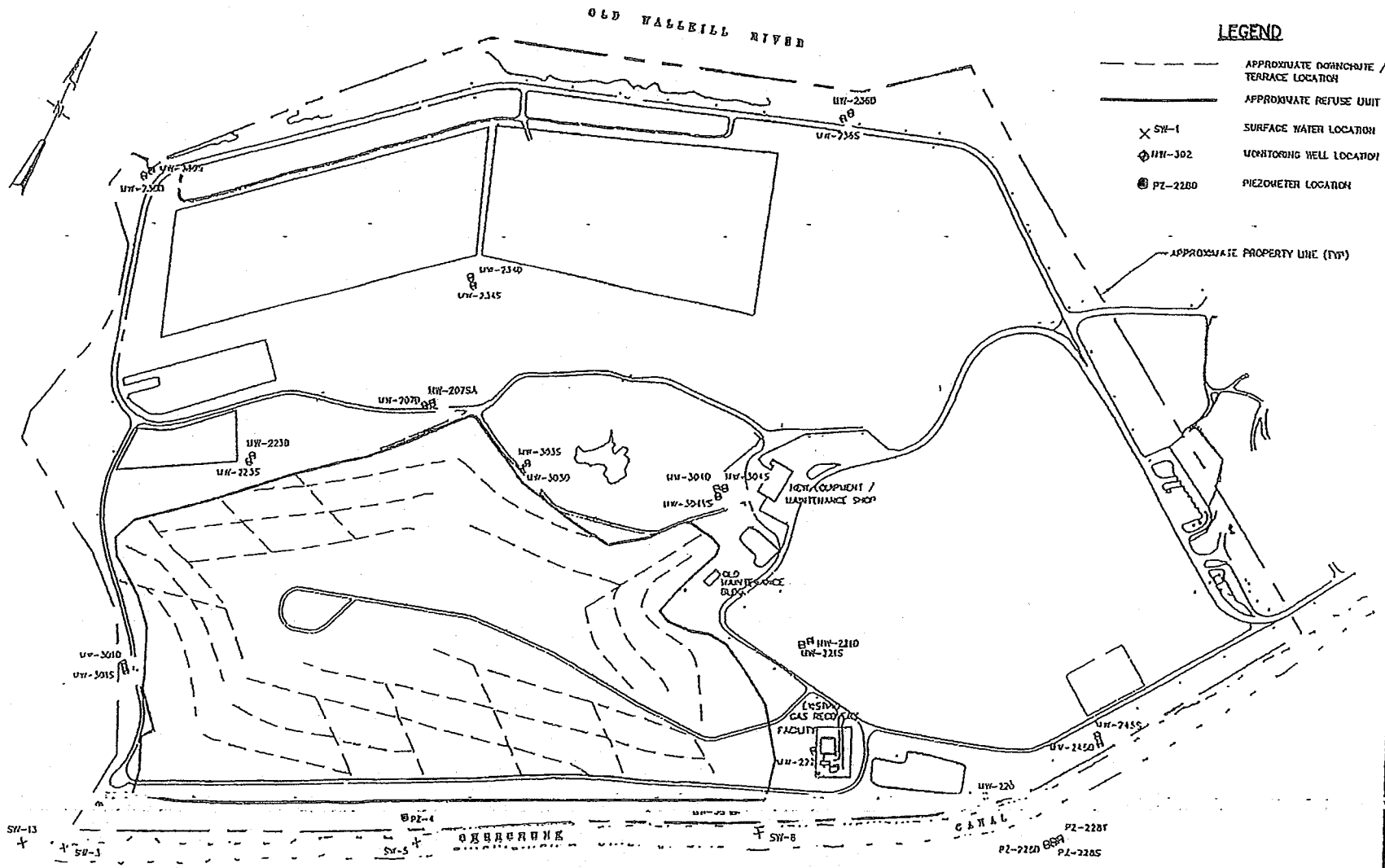
COMMENTS: Horizontal pump not repaired yet but turned off for the season.

CORRECTIVE ACTION TAKEN:

BY: [signature]

DATE: 11-17-23

C:\JOBS\MRY\#2535\2535F-2A.DWG 03/12/96



SCALE: 1" = 600'	Stearns&Wheler ENVIRONMENTAL ENGINEERS & SCIENTISTS DATE: 03/96 JOB No.: 2535	ORANGE COUNTY LANDFILL TOWN OF GOSHEN, NEW YORK FIGURE 2A FIELD INSPECTION SITE MAP

ORANGE COUNTY LANDFILL
SITE MANAGEMENT PLAN

MONTHLY POST-CLOSURE FIELD INSPECTION REPORT
ORANGE COUNTY

Date: 12-27-23 Performed By: Ron Roberts

1.	Access road condition	☑ Good	☐ Fair	☐ Poor *
2.	Access Control (Monitoring of Access road & entrance into landfill property)	☑ Has been maintained properly	☐ Has not been maintained properly	
3.	Roadside ditches, culverts & other site drainage ways	☑ Unobstructed	☐ Obstructed *	☐ Sediments
4.	Catch Basins	☑ Unobstructed	☐ Obstructed *	☐ Sediments
5.	Detention Basin	☑ Unobstructed	☐ Obstructed *	☐ Sediments
6.	Terraces	☑ Unobstructed	☐ Obstructed *	☐ Sediments
7.	Terraces downchutes	☑ Unobstructed	☐ Obstructed *	☐ Sediments
8.	Terraces headwall	☑ Unobstructed	☐ Obstructed *	☐ Sediments
9.	Grass condition	☑ Good	☐ Poor	☐ Dead
10.	Other Plants Present	☐ Burdock	☐ Thistle	☐ Other
11.	Woody Plants	☑ Not on cap	☐ Present*	Date Removed:_____
12.	Capped Gas Wells	☑ Good Condition	☐ Damaged*	
13.	Surface erosion	☑ None	☐ Minor	☐ Needs repair *
14.	Landfill Stability (Sloughing)	☑ No soil movement	☐ Soil movement present*	
15.	Cracks (Within landfill cover)	☑ No Cracks Visible	☐ Landfill cover crack(s) are visible* (Note Measurement, Location & Description)	
16.	Geomembrane liner exposed	☑ No	☐ Yes	
17.	Settlement	☑ No Settlement visible	☐ Settlement is visible* (Note Measurement, Location & Description)	
18.	Most recent mowing date: 9-15-23			
19.	Stressed vegetation	☑ No	☐ Yes*	
20.	Damage to leachate cleanouts	☑ No	☐ Yes	
21.	Monitoring Wells	☑ Secure with locks	☐ Damaged*	
22.	Litter present	☑ No	☐ Yes	Est. removal date:_____
23.	Evidence of ponded water	☑ None	☐ Observed*	☐ Suspected *
24.	Fallen trees	☑ None	☐ Present on cap *	Est. removal date:_____
25.	Evidence of trespass	☐ Yes*	☑ No	
	Evidence of motor vehicle trespass	☑ No	☐ Auto/Truck ☐ Motorcycle	☐ ATV
27.	Woodchuck/rodent holes in cap	☑ No	☐ Yes	Date Backfilled:_____
28.	Evidence of lightning strike	☑ No	☐ Yes *	

29. *Unauthorized materials present*	☑ No	☐ Yes *	
30. Dead Animals present	☑ No	☐ Yes *	
31. Oil slick on adjacent waters	☑ No	☐ Yes *	
32. Damaged leachate manholes	☑ No	☐ Yes *	
33. Leachate seeps	☑ No	☐ Yes	Stain Color: _____
			Length: _____
34. Leachate fluid	☐ Puddle *	☐ Stream *	☐ None
35. Gulls/scavenger birds present	☑ No	☐ Yes *	
36. Other animal foraging evidence	☑ No	☐ Yes *	
37. No smoking warnings	☑ Present	☐ Missing/Damaged	
38. Survey Monuments	☑ Undisturbed	☐ Disturbed	

39. Leachate Collection tanks and piping

L-1	☑ OK	☐ Problem *
L-2	☑ OK	☐ Problem *
L-3	☑ OK	☐ Problem *
L-4	☑ OK	☐ Problem *
L-5	☑ OK	☐ Problem *
L-7	☑ OK	☐ Problem *

35. Condensate Tanks

C-1	☑ OK	☐ Problem *
C-2	☑ OK	☐ Problem *
C-3	☑ OK	☐ Problem *
C-4	(Maintenance Shop)	
	☑ OK	☐ Problem *

* = Enter comment on next page and mark location on map with an "X" and item number

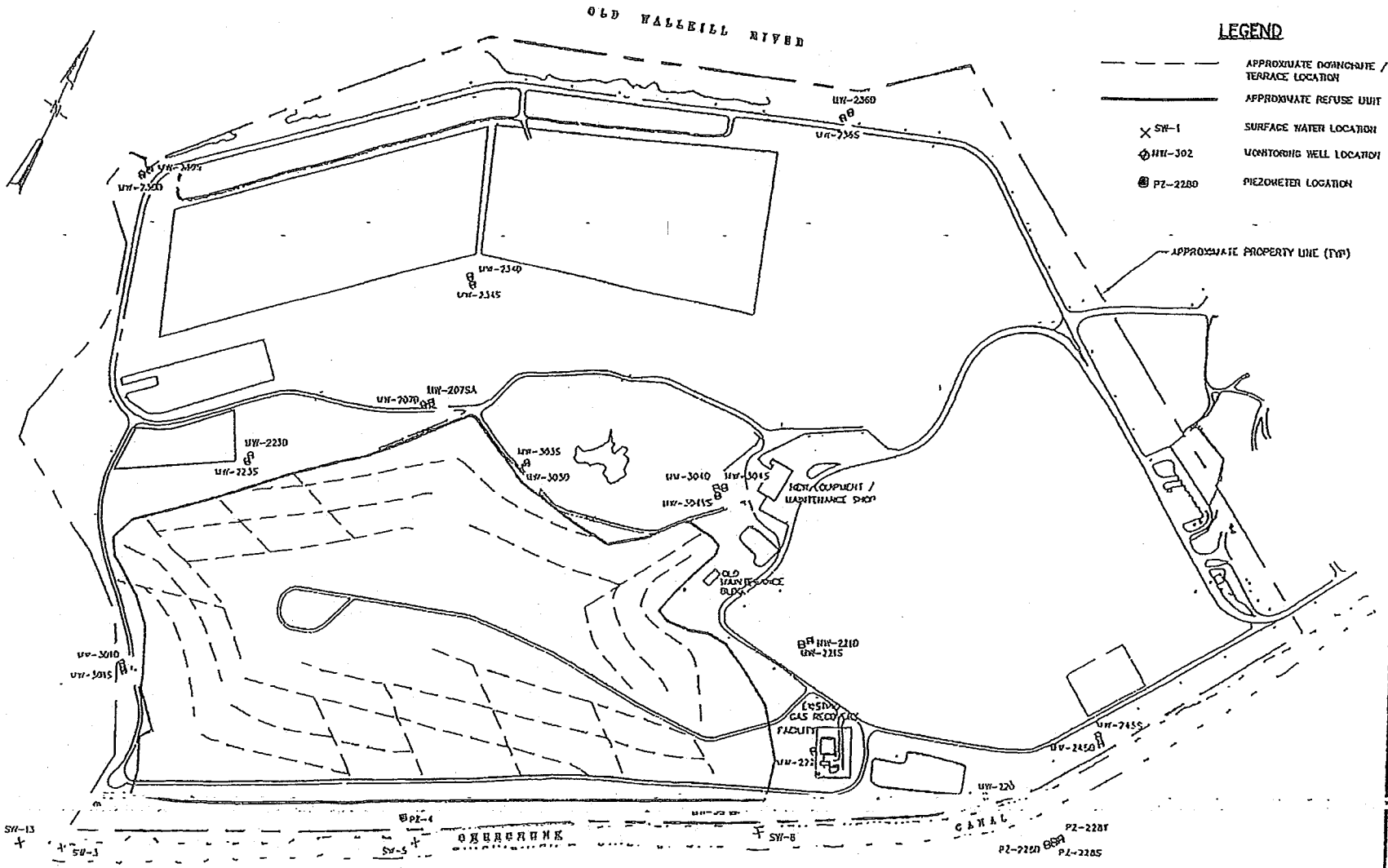
COMMENTS: 12-18-23 removed small trees and weeds from ditch line along road between L-5 and L-4.

CORRECTIVE ACTION TAKEN:

BY: [signature]

DATE: 12-27-23

C:\JOBS\MRY\#2535\2535F-2A.DWG 03/12/96



Stearns&Wheler
ENVIRONMENTAL ENGINEERS & SCIENTISTS

SCALE: 1" = 600'

DATE: 03/96 JOB No.: 2535

ORANGE COUNTY LANDFILL
TOWN OF GOSHEN, NEW YORK

FIGURE 2A
FIELD INSPECTION SITE MAP

ANNUAL MONITORING AND MAINTENANCE OPERATIONS CHECKLIST
ORANGE COUNTY LANDFILL
YEAR 2024

TASK DESCRIPTION	TASK FREQUENCY	MONTH TASK WAS COMPLETED [2]											
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Mowing	Bi-annually						6/25	7/17	7/24	8/28			
Monthly Inspections (Internal)	Monthly	1/30	2/29	3/28	4/29	5/20	6/25	7/24	8/21	9/25	10/23	11/26	12/11
Annual Post-Closure Monitoring Report Submitted to NYSDEC[1]	Every Fifth Quarter												
Periodic Review Report Submitted to NYSDEC	Annually												

[1] Annual Monitoring includes groundwater monitoring, surface water monitoring, leachate monitoring, and explosive gas monitoring.

[2] Upon completeion of the task, the appropriate space should be initial and dated by the person that completed the task.

ORANGE COUNTY LANDFILL
SITE MANAGEMENT PLAN

MONTHLY POST-CLOSURE FIELD INSPECTION REPORT
ORANGE COUNTY

Date: 1-30-2024 Performed By: Ron Roberts

1.	Access road condition	☑ Good	☐ Fair	☐ Poor *	
2.	Access Control (Monitoring of Access road & entrance into landfill property)	☑ Has been maintained properly	☐ Has not been maintained properly		
3.	Roadside ditches, culverts & other site drainage ways	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
4.	Catch Basins	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
5.	Detention Basin	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
6.	Terraces	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
7.	Terraces downchutes	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
8.	Terraces headwall	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
9.	Grass condition	☑ Good	☐ Poor	☐ Dead	
10.	Other Plants Present	☐ Burdock	☐ Thistle	☐ Other	
11.	Woody Plants	☑ Not on cap	☐ Present*	Date Removed:_____	
12.	Capped Gas Wells	☑ Good Condition	☐ Damaged*		
13.	Surface erosion	☑ None	☐ Minor	☐ Needs repair *	
14.	Landfill Stability (Sloughing)	☑ No soil movement	☐ Soil movement present*		
15.	Cracks (Within landfill cover)	☑ No Cracks Visible	☐ Landfill cover crack(s) are visible* (Note Measurement, Location & Description)		
16.	Geomembrane liner exposed	☑ No	☐ Yes		
17.	Settlement	☑ No Settlement visible	☐ Settlement is visible* (Note Measurement, Location & Description)		
18.	Most recent mowing date: 9-15-23				
19.	Stressed vegetation	☑ No	☐ Yes*		
20.	Damage to leachate cleanouts	☑ No	☐ Yes		
21.	Monitoring Wells	☑ Secure with locks	☐ Damaged*		
22.	Litter present	☑ No	☐ Yes	Est. removal date:_____	
23.	Evidence of ponded water	☑ None	☐ Observed*	☐ Suspected *	
24.	Fallen trees	☑ None	☐ Present on cap *	Est. removal date:_____	
25.	Evidence of trespass	☐ Yes*	☑ No		
26.	Evidence of motor vehicle trespass	☑ No	☐ Auto/Truck	☐ Motorcycle	☐ ATV
27.	Woodchuck/rodent holes in cap	☑ No	☐ Yes	Date Backfilled:_____	
28.	Evidence of lightning strike	☑ No	☐ Yes *		

29. *Unauthorized materials present*	☑ No	☐ Yes *		
30. Dead Animals present	☑ No	☐ Yes *		
31. Oil slick on adjacent waters	☑ No	☐ Yes *		
32. Damaged leachate manholes	☑ No	☐ Yes *		
33. Leachate seeps	☑ No	☐ Yes	Stain Color: _____	
			Length: _____	
34. Leachate fluid	☐ Puddle *	☐ Stream *	☐ None	
35. Gulls/scavenger birds present	☑ No	☐ Yes *		
36. Other animal foraging evidence	☑ No	☐ Yes *		
37. No smoking warnings	☑ Present	☐ Missing/Damaged		
38. Survey Monuments	☑ Undisturbed	☐ Disturbed		

39. Leachate Collection tanks and piping

L-1	☑ OK	☐ Problem *
L-2	☑ OK	☐ Problem *
L-3	☑ OK	☐ Problem *
L-4	☑ OK	☐ Problem *
L-5	☑ OK	☐ Problem *
L-7	☑ OK	☐ Problem *

35. Condensate Tanks

C-1	☑ OK	☐ Problem *
C-2	☑ OK	☐ Problem *
C-3	☑ OK	☐ Problem *
C-4	(Maintenance Shop)	
	☑ OK	☐ Problem *

* = Enter comment on next page and mark location on map with an "X" and item number

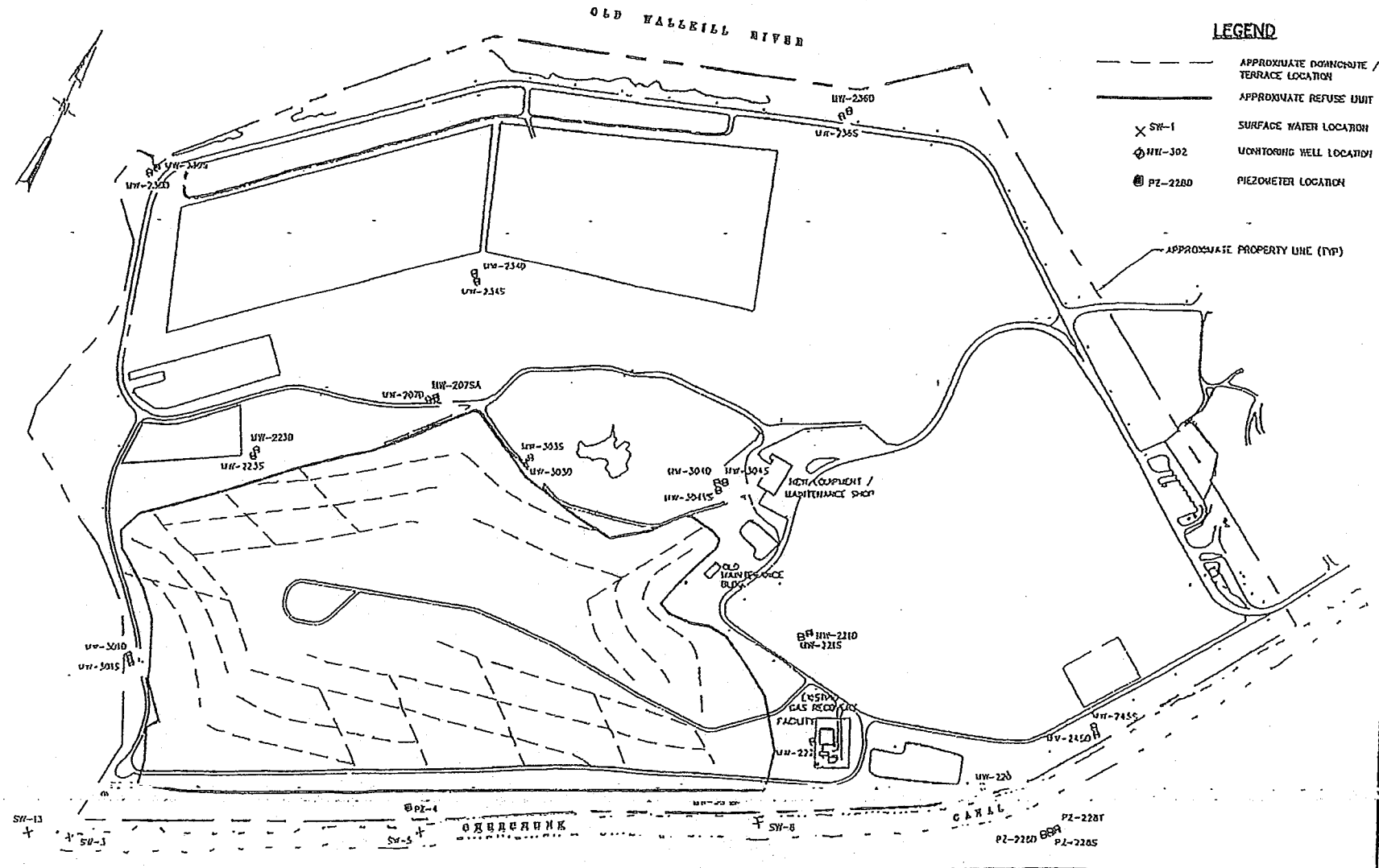
COMMENTS:

CORRECTIVE ACTION TAKEN:

BY:

DATE: 1-30-24

C:\JOBS\MRY\#2535\2535F-2A.DWG 03/12/96



SCALE: 1" = 600'	Stearns&Wheler ENVIRONMENTAL ENGINEERS & SCIENTISTS DATE: 03/96 JOB No.: 2535	ORANGE COUNTY LANDFILL TOWN OF GOSHEN, NEW YORK FIGURE 2A FIELD INSPECTION SITE MAP

ORANGE COUNTY LANDFILL
SITE MANAGEMENT PLAN

MONTHLY POST-CLOSURE FIELD INSPECTION REPORT
ORANGE COUNTY

Date: 2-29-2024 Performed By: Ron Roberts

1.	Access road condition	☑ Good	☐ Fair	☐ Poor *	
2.	Access Control (Monitoring of Access road & entrance into landfill property)	☑ Has been maintained properly	☐ Has not been maintained properly		
3.	Roadside ditches, culverts & other site drainage ways	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
4.	Catch Basins	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
5.	Detention Basin	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
6.	Terraces	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
7.	Terraces downchutes	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
8.	Terraces headwall	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
9.	Grass condition	☑ Good	☐ Poor	☐ Dead	
10.	Other Plants Present	☐ Burdock	☐ Thistle	☐ Other	
11.	Woody Plants	☑ Not on cap	☐ Present*	Date Removed:_____	
	Capped Gas Wells	☑ Good Condition	☐ Damaged*		
13.	Surface erosion	☑ None	☐ Minor	☐ Needs repair *	
14.	Landfill Stability (Sloughing)	☑ No soil movement	☐ Soil movement present*		
15.	Cracks (Within landfill cover)	☑ No Cracks Visible	☐ Landfill cover crack(s) are visible* (Note Measurement, Location & Description)		
16.	Geomembrane liner exposed	☑ No	☐ Yes		
17.	Settlement	☑ No Settlement visible	☐ Settlement is visible* (Note Measurement, Location & Description)		
18.	Most recent mowing date: 9-15-2023				
19.	Stressed vegetation	☑ No	☐ Yes*		
20.	Damage to leachate cleanouts	☑ No	☐ Yes		
21.	Monitoring Wells	☑ Secure with locks	☐ Damaged*		
22.	Litter present	☑ No	☐ Yes	Est. removal date:_____	
23.	Evidence of ponded water	☑ None	☐ Observed*	☐ Suspected *	
24.	Fallen trees	☑ None	☐ Present on cap *	Est. removal date:_____	
25.	Evidence of trespass	☐ Yes*	☑ No		
	Evidence of motor vehicle trespass	☑ No	☐ Auto/Truck	☐ Motorcycle	☐ ATV
	Woodchuck/rodent holes in cap	☑ No	☐ Yes	Date Backfilled:_____	
28.	Evidence of lightning strike	☑ No	☐ Yes *		

29. Unauthorized materials present ☑ No ☐ Yes *

30. Dead Animals present ☑ No ☐ Yes *

31. Oil slick on adjacent waters ☑ No ☐ Yes *

32. Damaged leachate manholes ☑ No ☐ Yes *

33. Leachate seeps ☑ No ☐ Yes Stain Color: _____

Length: _____

34. Leachate fluid ☐ Puddle * ☐ Stream * ☑ None

35. Gulls/scavenger birds present ☑ No ☐ Yes *

36. Other animal foraging evidence ☑ No ☐ Yes *

37. No smoking warnings ☑ Present ☐ Missing/Damaged

38. Survey Monuments ☑ Undisturbed ☐ Disturbed

39. Leachate Collection tanks and piping

L - 1	☑ OK	☐ Problem *
L - 2	☑ OK	☐ Problem *
L - 3	☑ OK	☐ Problem *
L - 4	☑ OK	☐ Problem *
L - 5	☑ OK	☐ Problem *
L - 7	☑ OK	☐ Problem *

35. Condensate Tanks

C - 1	☑ OK	☐ Problem *
C – 2	☑ OK	☐ Problem *
C - 3	☑ OK	☐ Problem *
C – 4	(Maintenance Shop)	
	☑ OK	☐ Problem *

* = Enter comment on next page and mark location on map with an "X" and item number

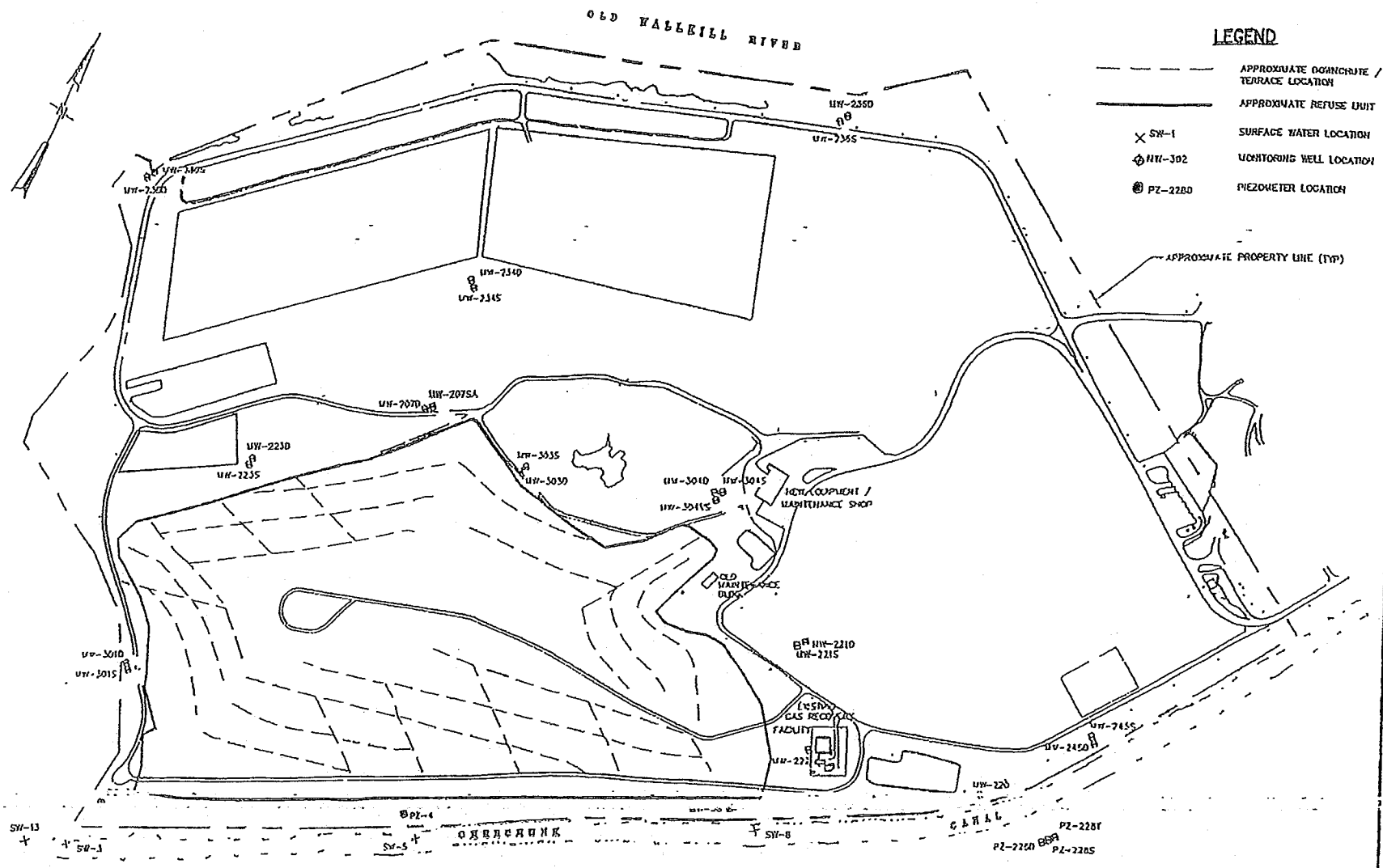
COMMENTS: On 2-16-2024, TAM repaired broken rod on horizontal pump and is working properly.

CORRECTIVE ACTION TAKEN:

BY: [signature]

DATE: 2-29-24

C:\JOBS\MRY\#2535\2535F-2A.DWG 03/12/96



Stearns&Wheler
ENVIRONMENTAL ENGINEERS & SCIENTISTS

SCALE: 1" = 600'

DATE: 03/96 JOB No.: 2535

FIGURE 2A
FIELD INSPECTION SITE MAP

ORANGE COUNTY LANDFILL
SITE MANAGEMENT PLAN

MONTHLY POST-CLOSURE FIELD INSPECTION REPORT
ORANGE COUNTY

Date: 3-28-2024 Performed By: Ron Roberts

1.	Access road condition	☑ Good	☐ Fair	☐ Poor *	
2.	Access Control (Monitoring of Access road & entrance into landfill property)	☑ Has been maintained properly	☐ Has not been maintained properly		
3.	Roadside ditches, culverts & other site drainage ways	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
4.	Catch Basins	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
5.	Detention Basin	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
6.	Terraces	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
7.	Terraces downchutes	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
8.	Terraces headwall	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
9.	Grass condition	☑ Good	☐ Poor	☐ Dead	
10.	Other Plants Present	☐ Burdock	☐ Thistle	☐ Other	
11.	Woody Plants	☑ Not on cap	☐ Present*	Date Removed:_____	
12.	Capped Gas Wells	☑ Good Condition	☐ Damaged*		
13.	Surface erosion	☑ None	☐ Minor	☐ Needs repair *	
14.	Landfill Stability (Sloughing)	☑ No soil movement	☐ Soil movement present*		
15.	Cracks (Within landfill cover)	☑ No Cracks Visible	☐ Landfill cover crack(s) are visible* (Note Measurement, Location & Description)		
16.	Geomembrane liner exposed	☑ No	☐ Yes		
17.	Settlement	☑ No Settlement visible	☐ Settlement is visible* (Note Measurement, Location & Description)		
18.	Most recent mowing date: 9-15-2023				
19.	Stressed vegetation	☑ No	☐ Yes*		
20.	Damage to leachate cleanouts	☑ No	☐ Yes		
21.	Monitoring Wells	☑ Secure with locks	☐ Damaged*		
22.	Litter present	☑ No	☐ Yes	Est. removal date:_____	
23.	Evidence of ponded water	☑ None	☐ Observed*	☐ Suspected *	
24.	Fallen trees	☑ None	☐ Present on cap *	Est. removal date:_____	
25.	Evidence of trespass	☐ Yes*	☑ No		
	Evidence of motor vehicle trespass	☑ No	☐ Auto/Truck	☐ Motorcycle	☐ ATV
27.	Woodchuck/rodent holes in cap	☑ No	☐ Yes	Date Backfilled:_____	
28.	Evidence of lightning strike	☑ No	☐ Yes *		

29. Unauthorized materials present — [x] No [ ] Yes *

30. Dead Animals present — [x] No [ ] Yes *

31. Oil slick on adjacent waters — [x] No [ ] Yes *

32. Damaged leachate manholes — [x] No [ ] Yes *

33. Leachate seeps — [x] No [ ] Yes — Stain Color: _____

Length: _____

34. Leachate fluid — [ ] Puddle * [ ] Stream * [x] None

35. Gulls/scavenger birds present — [x] No [ ] Yes *

36. Other animal foraging evidence — [x] No [ ] Yes *

37. No smoking warnings — [x] Present [ ] Missing/Damaged

38. Survey Monuments — [x] Undisturbed [ ] Disturbed

39. Leachate Collection tanks and piping

L - 1	[x] OK	[ ] Problem *
L - 2	[x] OK	[ ] Problem *
L - 3	[x] OK	[ ] Problem *
L - 4	[x] OK	[ ] Problem *
L - 5	[x] OK	[ ] Problem *
L - 7	[x] OK	[ ] Problem *

35. Condensate Tanks

C - 1	[x] OK	[ ] Problem *
C – 2	[x] OK	[ ] Problem *
C - 3	[x] OK	[ ] Problem *
C – 4	(Maintenance Shop)	
	[x] OK	[ ] Problem *

* = Enter comment on next page and mark location on map with an "X" and item number

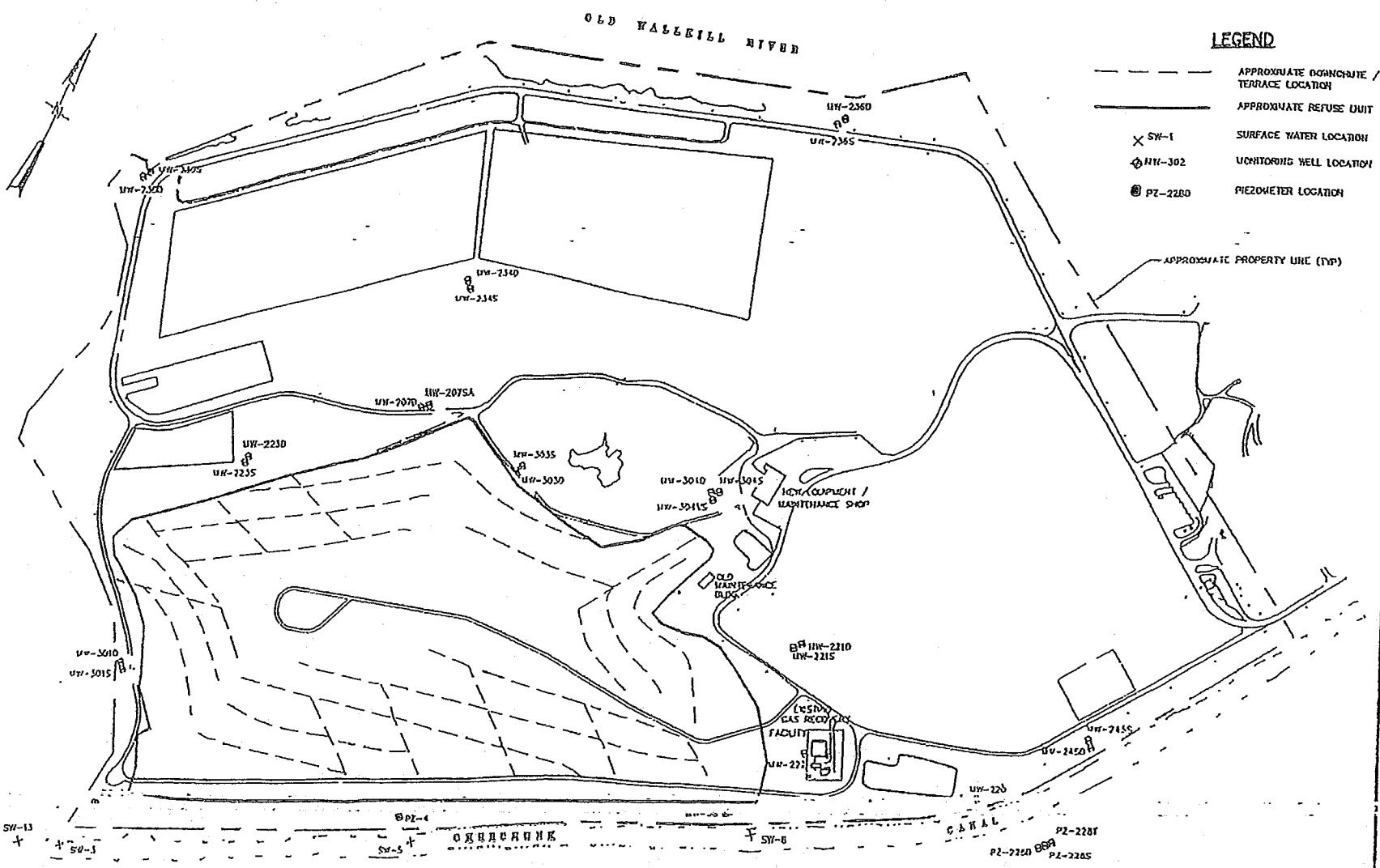
COMMENTS:

CORRECTIVE ACTION TAKEN:

BY: AR

DATE: 3-28-24

C:\JOBS\MRY\#2535\2535F-2A.DWG 03/12/96



Steams&Wheler
ENVIRONMENTAL ENGINEERS & SCIENTISTS

ORANGE COUNTY LANDFILL
TOWN OF GOSHEN, NEW YORK

FIGURE 2A
FIELD INSPECTION SITE MAP

SCALE: 1" = 600'

DATE: 03/96 JOB No.: 2535

ORANGE COUNTY LANDFILL
SITE MANAGEMENT PLAN

MONTHLY POST-CLOSURE FIELD INSPECTION REPORT
ORANGE COUNTY

Date: 4-29-2024 Performed By: Ron Roberts

1.	Access road condition	☑ Good	☐ Fair	☐ Poor *	
2.	Access Control (Monitoring of Access road & entrance into landfill property)	☑ Has been maintained properly	☐ Has not been maintained properly		
3.	Roadside ditches, culverts & other site drainage ways	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
4.	Catch Basins	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
5.	Detention Basin	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
6.	Terraces	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
7.	Terraces downchutes	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
8.	Terraces headwall	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
9.	Grass condition	☑ Good	☐ Poor	☐ Dead	
10.	Other Plants Present	☐ Burdock	☐ Thistle	☐ Other	
11.	Woody Plants	☑ Not on cap	☐ Present*	Date Removed:_____	
	Capped Gas Wells	☑ Good Condition	☐ Damaged*		
13.	Surface erosion	☑ None	☐ Minor	☐ Needs repair *	
14.	Landfill Stability (Sloughing)	☑ No soil movement	☐ Soil movement present*		
15.	Cracks (Within landfill cover)	☑ No Cracks Visible	☐ Landfill cover crack(s) are visible* (Note Measurement, Location & Description)		
16.	Geomembrane liner exposed	☑ No	☐ Yes		
17.	Settlement	☑ No Settlement visible	☐ Settlement is visible* (Note Measurement, Location & Description)		
18.	Most recent mowing date: 9-15-2023				
19.	Stressed vegetation	☑ No	☐ Yes*		
20.	Damage to leachate cleanouts	☑ No	☐ Yes		
21.	Monitoring Wells	☑ Secure with locks	☐ Damaged*		
22.	Litter present	☑ No	☐ Yes	Est. removal date:_____	
23.	Evidence of ponded water	☑ None	☐ Observed*	☐ Suspected *	
24.	Fallen trees	☑ None	☐ Present on cap *	Est. removal date:_____	
25.	Evidence of trespass	☐ Yes*	☑ No		
	Evidence of motor vehicle trespass	☑ No	☐ Auto/Truck	☐ Motorcycle	☐ ATV
	Woodchuck/rodent holes in cap	☑ No	☐ Yes	Date Backfilled:_____	
28.	Evidence of lightning strike	☑ No	☐ Yes *		

29. *Unauthorized materials present* ☑ No ☐ Yes *

30. Dead Animals present ☑ No ☐ Yes *

31. Oil slick on adjacent waters ☑ No ☐ Yes *

32. Damaged leachate manholes ☑ No ☐ Yes *

33. Leachate seeps ☑ No ☐ Yes Stain Color: _____

Length: _____

34. Leachate fluid ☐ Puddle * ☐ Stream * ☑ None

35. Gulls/scavenger birds present ☑ No ☐ Yes *

36. Other animal foraging evidence ☑ No ☐ Yes *

37. No smoking warnings ☑ Present ☐ Missing/Damaged

38. Survey Monuments ☑ Undisturbed ☐ Disturbed

39. Leachate Collection tanks and piping

L - 1	☑ OK	☐ Problem *
L - 2	☑ OK	☐ Problem *
L - 3	☑ OK	☐ Problem *
L - 4	☑ OK	☐ Problem *
L - 5	☑ OK	☐ Problem *
L - 7	☑ OK	☐ Problem *

35. Condensate Tanks

C - 1	☑ OK	☐ Problem *
C – 2	☑ OK	☐ Problem *
C - 3	☑ OK	☐ Problem *
C – 4	(Maintenance Shop)	
	☑ OK	☐ Problem *

* = Enter comment on next page and mark location on map with an "X" and item number

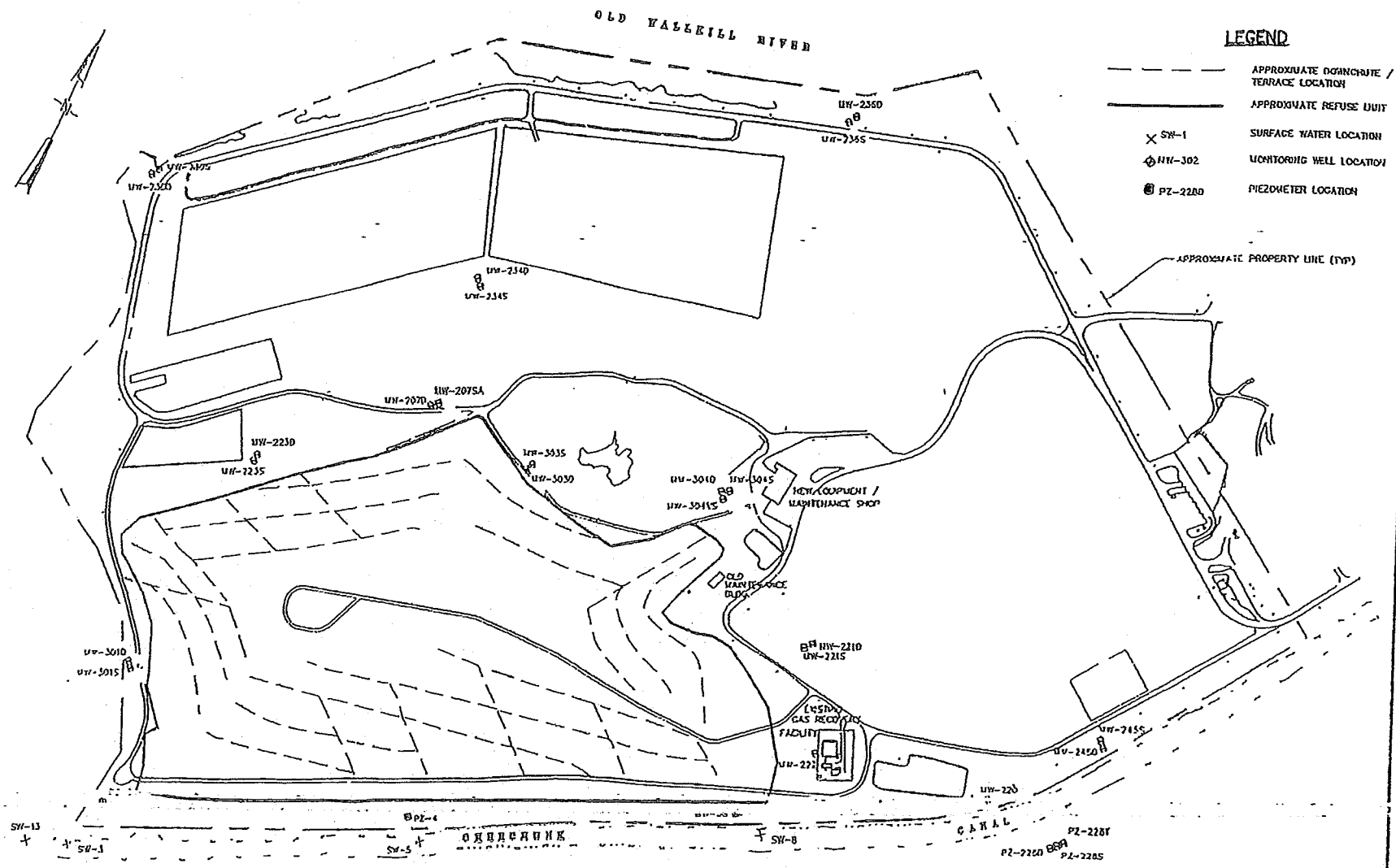
COMMENTS:

CORRECTIVE ACTION TAKEN:

BY:

DATE: 4-29-24

C:\JOBS\MRY\#2535\2535F-2A.DWG 03/12/96



Stearns & Wheler
ENVIRONMENTAL ENGINEERS & SCIENTISTS

ORANGE COUNTY LANDFILL
TOWN OF GOSHEN, NEW YORK

FIGURE 2A
FIELD INSPECTION SITE MAP

SCALE: 1" = 600'

DATE: 03/96 JOB No.: 2535

ORANGE COUNTY LANDFILL
SITE MANAGEMENT PLAN

MONTHLY POST-CLOSURE FIELD INSPECTION REPORT
ORANGE COUNTY

Date: 5-20-2024 Performed By: Ron Roberts

1.	Access road condition	☑ Good	☐ Fair	☐ Poor *	
2.	Access Control (Monitoring of Access road & entrance into landfill property)	☑ Has been maintained properly	☐ Has not been maintained properly		
3.	Roadside ditches, culverts & other site drainage ways	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
4.	Catch Basins	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
5.	Detention Basin	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
6.	Terraces	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
7.	Terraces downchutes	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
8.	Terraces headwall	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
9.	Grass condition	☑ Good	☐ Poor	☐ Dead	
10.	Other Plants Present	☐ Burdock	☐ Thistle	☐ Other	
11.	Woody Plants	☑ Not on cap	☐ Present*	Date Removed:_____	
12.	Capped Gas Wells	☑ Good Condition	☐ Damaged*		
13.	Surface erosion	☑ None	☐ Minor	☐ Needs repair *	
14.	Landfill Stability (Sloughing)	☑ No soil movement	☐ Soil movement present*		
15.	Cracks (Within landfill cover)	☑ No Cracks Visible	☐ Landfill cover crack(s) are visible* (Note Measurement, Location & Description)		
16.	Geomembrane liner exposed	☑ No	☐ Yes		
17.	Settlement	☑ No Settlement visible	☐ Settlement is visible* (Note Measurement, Location & Description)		
18.	Most recent mowing date: 9-15-2023				
19.	Stressed vegetation	☑ No	☐ Yes*		
20.	Damage to leachate cleanouts	☑ No	☐ Yes		
21.	Monitoring Wells	☑ Secure with locks	☐ Damaged*		
22.	Litter present	☑ No	☐ Yes	Est. removal date:_____	
23.	Evidence of ponded water	☑ None	☐ Observed*	☐ Suspected *	
24.	Fallen trees	☑ None	☐ Present on cap *	Est. removal date:_____	
25.	Evidence of trespass	☐ Yes*	☑ No		
	Evidence of motor vehicle trespass	☑ No	☐ Auto/Truck	☐ Motorcycle	☐ ATV
	Woodchuck/rodent holes in cap	☑ No	☐ Yes	Date Backfilled:_____	
28.	Evidence of lightning strike	☑ No	☐ Yes *		

29. *Unauthorized materials present* ☑ No ☐ Yes *

30. Dead Animals present ☑ No ☐ Yes *

31. Oil slick on adjacent waters ☑ No ☐ Yes *

32. Damaged leachate manholes ☑ No ☐ Yes *

33. Leachate seeps ☑ No ☐ Yes Stain Color: _____

Length: _____

34. Leachate fluid ☐ Puddle * ☐ Stream * ☑ None

35. Gulls/scavenger birds present ☑ No ☐ Yes *

36. Other animal foraging evidence ☑ No ☐ Yes *

37. No smoking warnings ☑ Present ☐ Missing/Damaged

38. Survey Monuments ☑ Undisturbed ☐ Disturbed

39. Leachate Collection tanks and piping

L-1	☑ OK	☐ Problem *
L-2	☑ OK	☐ Problem *
L-3	☑ OK	☐ Problem *
L-4	☑ OK	☐ Problem *
L-5	☑ OK	☐ Problem *
L-7	☑ OK	☐ Problem *

35. Condensate Tanks

C-1	☑ OK	☐ Problem *
C-2	☑ OK	☐ Problem *
C-3	☑ OK	☐ Problem *
C-4	(Maintenance Shop)	
	☑ OK	☐ Problem *

* = Enter comment on next page and mark location on map with an "X" and item number

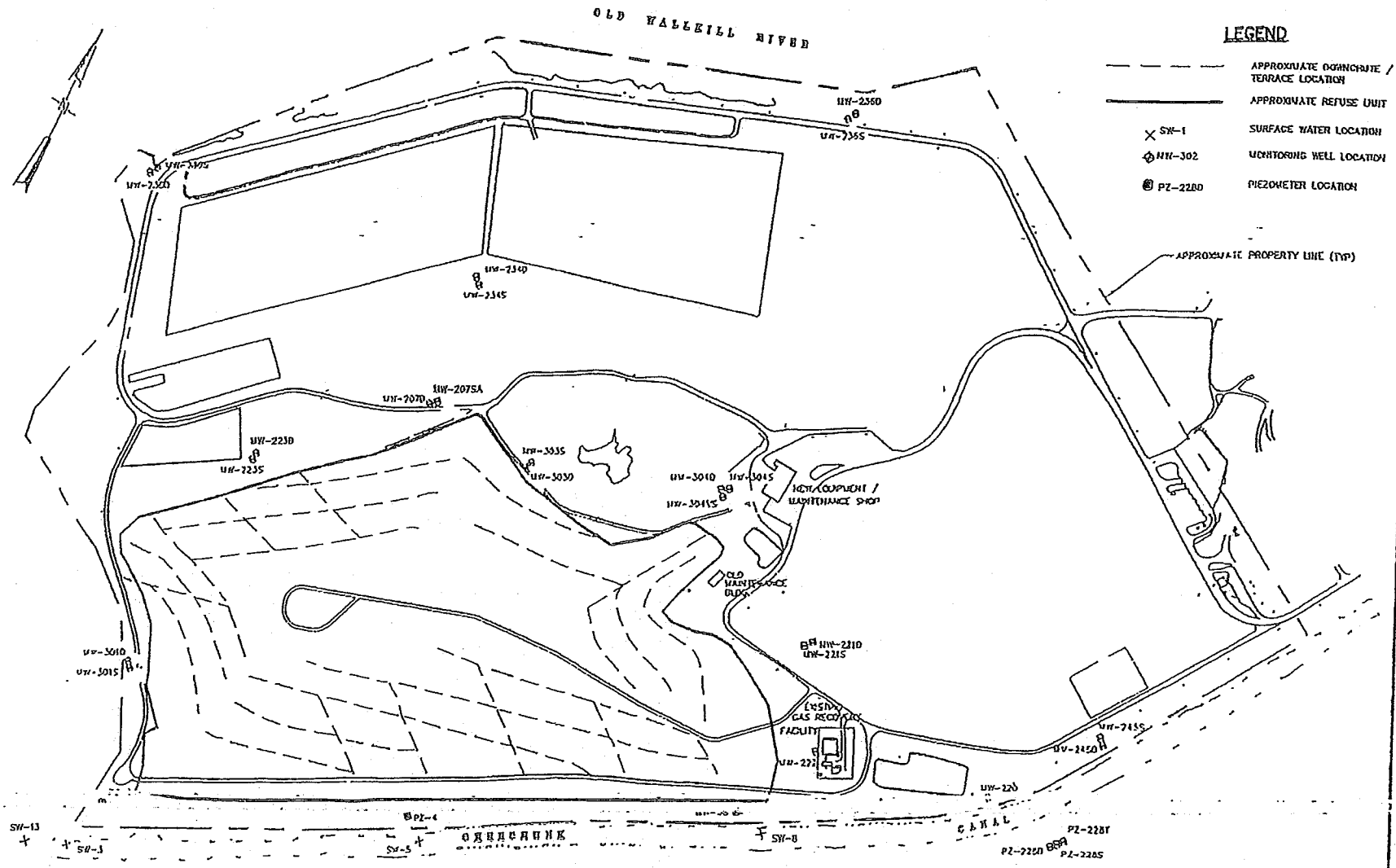
COMMENTS:

CORRECTIVE ACTION TAKEN:

BY:

DATE: 5-20-24

C:\JOBS\MRY\#2535\2535F-2A.DWG 03/12/96



Stearns & Wheler
ENVIRONMENTAL ENGINEERS & SCIENTISTS

ORANGE COUNTY LANDFILL
TOWN OF GOSHEN, NEW YORK

FIGURE 2A
FIELD INSPECTION SITE MAP

SCALE: 1" = 600'

DATE: 03/96 JOB No.: 2535

ORANGE COUNTY LANDFILL
SITE MANAGEMENT PLAN

MONTHLY POST-CLOSURE FIELD INSPECTION REPORT
ORANGE COUNTY

Date: 6-25-2024 Performed By: Ron Roberts

1.	Access road condition	☑ Good	☐ Fair	☐ Poor *	
2.	Access Control (Monitoring of Access road & entrance into landfill property)	☑ Has been maintained properly	☐ Has not been maintained properly		
3.	Roadside ditches, culverts & other site drainage ways	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
4.	Catch Basins	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
5.	Detention Basin	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
6.	Terraces	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
7.	Terraces downchutes	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
8.	Terraces headwall	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
9.	Grass condition	☑ Good	☐ Poor	☐ Dead	
10.	Other Plants Present	☐ Burdock	☐ Thistle	☐ Other	
11.	Woody Plants	☑ Not on cap	☐ Present*	Date Removed:_____	
12.	Capped Gas Wells	☑ Good Condition	☐ Damaged*		
13.	Surface erosion	☑ None	☐ Minor	☐ Needs repair *	
14.	Landfill Stability (Sloughing)	☑ No soil movement	☐ Soil movement present*		
15.	Cracks (Within landfill cover)	☑ No Cracks Visible	☐ Landfill cover crack(s) are visible* (Note Measurement, Location & Description)		
16.	Geomembrane liner exposed	☑ No	☐ Yes		
17.	Settlement	☑ No Settlement visible	☐ Settlement is visible* (Note Measurement, Location & Description)		
18.	Most recent mowing date: 6.25.24				
19.	Stressed vegetation	☑ No	☐ Yes*		
20.	Damage to leachate cleanouts	☑ No	☐ Yes		
21.	Monitoring Wells	☑ Secure with locks	☐ Damaged*		
22.	Litter present	☑ No	☐ Yes	Est. removal date:_____	
23.	Evidence of ponded water	☑ None	☐ Observed*	☐ Suspected *	
24.	Fallen trees	☑ None	☐ Present on cap *	Est. removal date:_____	
25.	Evidence of trespass	☐ Yes*	☑ No		
26.	Evidence of motor vehicle trespass	☑ No	☐ Auto/Truck	☐ Motorcycle	☐ ATV
27.	Woodchuck/rodent holes in cap	☑ No	☐ Yes	Date Backfilled:_____	
28.	Evidence of lightning strike	☑ No	☐ Yes *		

29. *Unauthorized materials present* ☑ No ☐ Yes *

30. Dead Animals present ☑ No ☐ Yes *

31. Oil slick on adjacent waters ☑ No ☐ Yes *

32. Damaged leachate manholes ☑ No ☐ Yes *

33. Leachate seeps ☑ No ☐ Yes Stain Color: _____

Length: _____

34. Leachate fluid ☐ Puddle * ☐ Stream * ☑ None

35. Gulls/scavenger birds present ☑ No ☐ Yes *

36. Other animal foraging evidence ☑ No ☐ Yes *

37. No smoking warnings ☑ Present ☐ Missing/Damaged

38. Survey Monuments ☑ Undisturbed ☐ Disturbed

39. Leachate Collection tanks and piping

L - 1	☑ OK	☐ Problem *
L - 2	☑ OK	☐ Problem *
L - 3	☑ OK	☐ Problem *
L - 4	☑ OK	☐ Problem *
L - 5	☑ OK	☐ Problem *
L - 7	☑ OK	☐ Problem *

35. Condensate Tanks

C - 1	☑ OK	☐ Problem *
C – 2	☑ OK	☐ Problem *
C - 3	☑ OK	☐ Problem *
C – 4	(Maintenance Shop)	
	☑ OK	☐ Problem *

* = Enter comment on next page and mark location on map with an "X" and item number

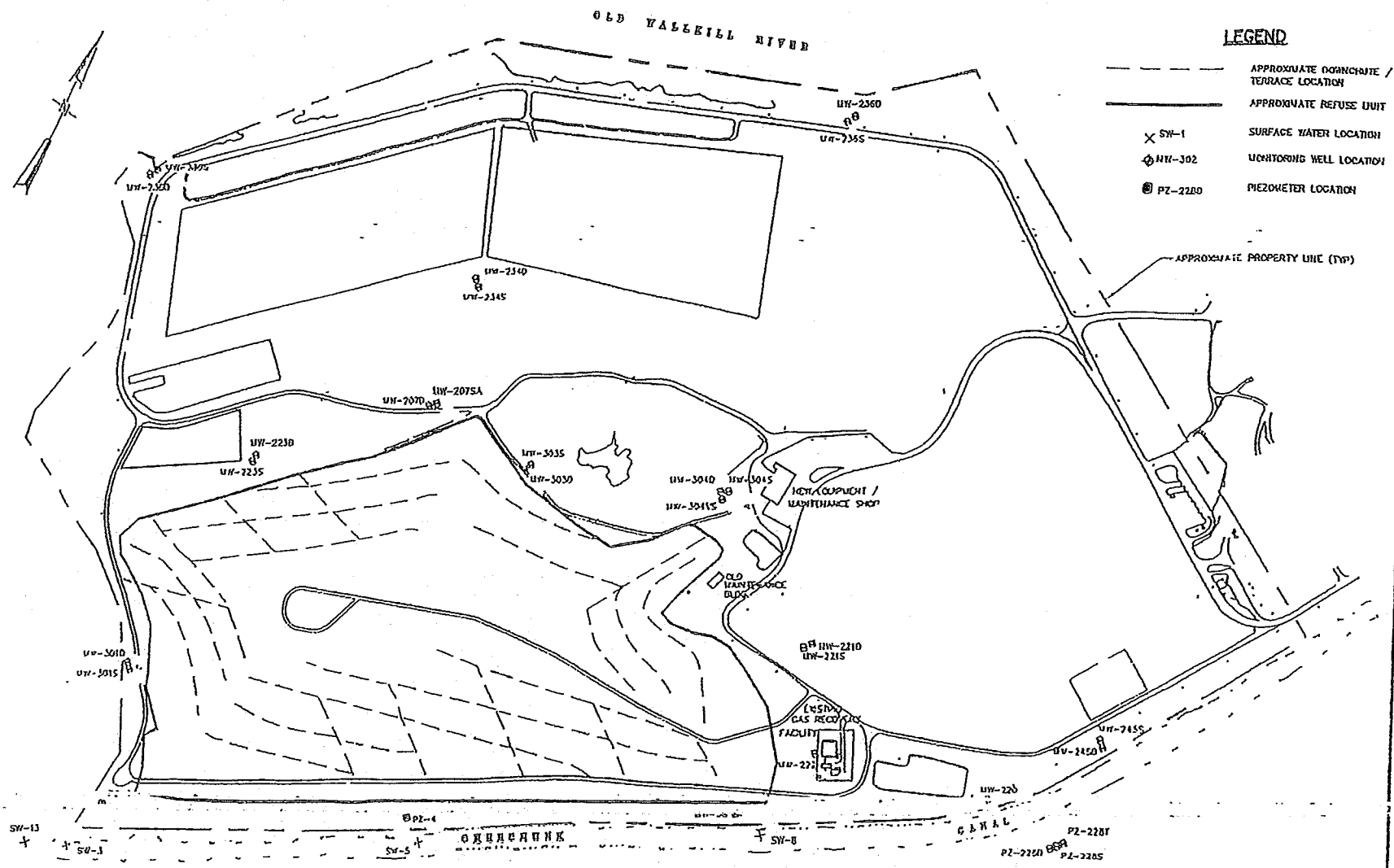
COMMENTS:

CORRECTIVE ACTION TAKEN:

BY:

DATE: 6-25-24

C:\JOBS\MRY\#2535\2535F-2A.DWG 03/12/96



Steams&Wheler
ENVIRONMENTAL ENGINEERS & SCIENTISTS

ORANGE COUNTY LANDFILL
TOWN OF GOSHEN, NEW YORK

FIGURE 2A
FIELD INSPECTION SITE MAP

SCALE: 1" = 600'

DATE: 03/96 JOB No.: 2535

ORANGE COUNTY LANDFILL
SITE MANAGEMENT PLAN

MONTHLY POST-CLOSURE FIELD INSPECTION REPORT
ORANGE COUNTY

Date: 7-24-24

Performed By: Ken Sherwood

1. Access road condition	☑ Good	☐ Fair	☐ Poor *	
2. Access Control (Monitoring of Access road & entrance into landfill property)	☑ Has been maintained properly	☐ Has not been maintained properly		
3. Roadside ditches, culverts & other site drainage ways	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
4. Catch Basins	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
5. Detention Basin	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
6. Terraces	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
7. Terraces downchutes	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
8. Terraces headwall	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
9. Grass condition	☑ Good	☐ Poor	☐ Dead	
10. Other Plants Present	☐ Burdock	☐ Thistle	☐ Other	
11. Woody Plants	☑ Not on cap	☐ Present*	Date Removed:	
12. Capped Gas Wells	☑ Good Condition	☐ Damaged*		
13. Surface erosion	☑ None	☐ Minor	☐ Needs repair *	
14. Landfill Stability (Sloughing)	☑ No soil movement	☐ Soil movement present*		
15. Cracks (Within landfill cover)	☑ No Cracks Visible	☐ Landfill cover crack(s) are visible* (Note Measurement, Location & Description)		
16. Geomembrane liner exposed	☑ No	☐ Yes		
17. Settlement	☑ No Settlement visible	☐ Settlement is visible* (Note Measurement, Location & Description)		
18. Most recent mowing date: 7-17-24				
19. Stressed vegetation	☑ No	☐ Yes*		
20. Damage to leachate cleanouts	☑ No	☐ Yes		
21. Monitoring Wells	☑ Secure with locks	☐ Damaged*		
22. Litter present	☑ No	☐ Yes	Est. removal date:	
23. Evidence of ponded water	☑ None	☐ Observed*	☐ Suspected *	
24. Fallen trees	☑ None	☐ Present on cap *	Est. removal date:	
25. Evidence of trespass	☐ Yes*	☑ No		
26. Evidence of motor vehicle trespass	☑ No	☐ Auto/Truck	☐ Motorcycle	☐ ATV
27. Woodchuck/rodent holes in cap	☑ No	☐ Yes	Date Backfilled:	
28. Evidence of lightning strike	☑ No	☐ Yes *		

29. Unauthorized materials present — [✓] No [ ] Yes *

30. Dead Animals present — [✓] No [ ] Yes *

31. Oil slick on adjacent waters — [✓] No [ ] Yes *

32. Damaged leachate manholes — [✓] No [ ] Yes *

33. Leachate seeps — [✓] No [ ] Yes — Stain Color: _____

Length: _____

34. Leachate fluid — [ ] Puddle * [ ] Stream * [✓] None

35. Gulls/scavenger birds present — [✓] No [ ] Yes *

36. Other animal foraging evidence — [✓] No [ ] Yes *

37. No smoking warnings — [✓] Present [ ] Missing/Damaged

38. Survey Monuments — [✓] Undisturbed [ ] Disturbed

39. Leachate Collection tanks and piping

L-1	[✓] OK	[ ] Problem *
L-2	[✓] OK	[ ] Problem *
L-3	[✓] OK	[ ] Problem *
L-4	[✓] OK	[ ] Problem *
L-5	[✓] OK	[ ] Problem *
L-7	[✓] OK	[ ] Problem *

35. Condensate Tanks

C-1	[✓] OK	[ ] Problem *
C-2	[✓] OK	[ ] Problem *
C-3	[✓] OK	[ ] Problem *
C-4 (Maintenance Shop)	[✓] OK	[ ] Problem *

* = Enter comment on next page and mark location on map with an "X" and item number

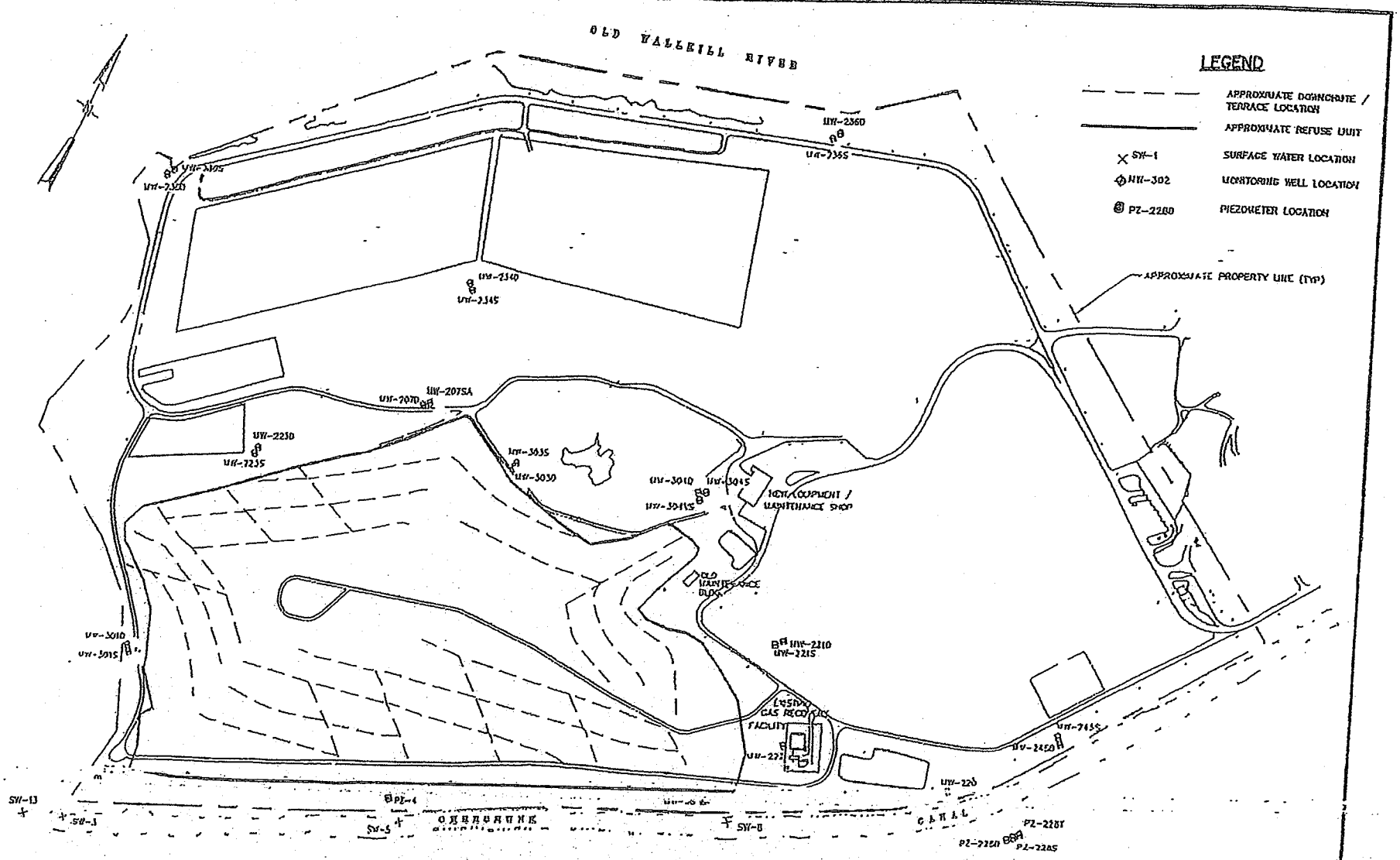
COMMENTS:

CORRECTIVE ACTION TAKEN:

BY:

DATE: 7-24-24

:\JOBS\MRY\#2535\2535F-2A.DWG 03/12/96



Stearns&Wheler
ENVIRONMENTAL ENGINEERS & SCIENTISTS

SCALE: 1" = 600'

DATE: 03/96 JOB No.: 2535

ORANGE COUNTY LANDFILL
TOWN OF GOSHEN, NEW YORK

FIGURE 2A
FIELD INSPECTION SITE MAP

ORANGE COUNTY LANDFILL
SITE MANAGEMENT PLAN

MONTHLY POST-CLOSURE FIELD INSPECTION REPORT
ORANGE COUNTY

Date: 8-21-24 Performed By: Ken Sherwood

1. Access road condition	☑ Good	☐ Fair	☐ Poor *	
2. Access Control (Monitoring of Access road & entrance into landfill property)	☑ Has been maintained properly	☐ Has not been maintained properly		
3. Roadside ditches, culverts & other site drainage ways	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
4. Catch Basins	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
5. Detention Basin	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
6. Terraces	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
7. Terraces downchutes	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
8. Terraces headwall	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
9. Grass condition	☑ Good	☐ Poor	☐ Dead	
10. Other Plants Present	☐ Burdock	☐ Thistle	☐ Other	
11. Woody Plants	☑ Not on cap	☐ Present*	Date Removed:	
12. Capped Gas Wells	☑ Good Condition	☐ Damaged*		
13. Surface erosion	☑ None	☐ Minor	☐ Needs repair *	
14. Landfill Stability (Sloughing)	☑ No soil movement	☐ Soil movement present*		
15. Cracks (Within landfill cover)	☑ No Cracks Visible	☐ Landfill cover crack(s) are visible* (Note Measurement, Location & Description)		
16. Geomembrane liner exposed	☑ No	☐ Yes		
17. Settlement	☑ No Settlement visible	☐ Settlement is visible* (Note Measurement, Location & Description)		
18. Most recent mowing date: 7-24-24				
19. Stressed vegetation	☑ No	☐ Yes*		
20. Damage to leachate cleanouts	☑ No	☐ Yes		
21. Monitoring Wells	☑ Secure with locks	☐ Damaged*		
22. Litter present	☑ No	☐ Yes	Est. removal date:	
23. Evidence of ponded water	☑ None	☐ Observed*	☐ Suspected *	
24. Fallen trees	☑ None	☐ Present on cap *	Est. removal date:	
25. Evidence of trespass	☐ Yes*	☑ No		
26. Evidence of motor vehicle trespass	☑ No	☐ Auto/Truck	☐ Motorcycle	☐ ATV
27. Woodchuck/rodent holes in cap	☑ No	☐ Yes	Date Backfilled:	
28. Evidence of lightning strike	☑ No	☐ Yes *		

29. Unauthorized materials present — [✓] No [ ] Yes *

30. Dead Animals present — [✓] No [ ] Yes *

31. Oil slick on adjacent waters — [✓] No [ ] Yes *

32. Damaged leachate manholes — [✓] No [ ] Yes *

33. Leachate seeps — [✓] No [ ] Yes

Stain Color: _____

Length: _____

34. Leachate fluid — [ ] Puddle * [ ] Stream * [✓] None

35. Gulls/scavenger birds present — [✓] No [ ] Yes *

36. Other animal foraging evidence — [✓] No [ ] Yes *

37. No smoking warnings — [✓] Present [ ] Missing/Damaged

38. Survey Monuments — [✓] Undisturbed [ ] Disturbed

39. Leachate Collection tanks and piping

L-1	[✓] OK	[ ] Problem *
L-2	[✓] OK	[ ] Problem *
L-3	[✓] OK	[ ] Problem *
L-4	[✓] OK	[ ] Problem *
L-5	[✓] OK	[ ] Problem *
L-7	[✓] OK	[ ] Problem *

35. Condensate Tanks

C-1	[✓] OK	[ ] Problem *
C-2	[✓] OK	[ ] Problem *
C-3	[✓] OK	[ ] Problem *
C-4 (Maintenance Shop)	[✓] OK	[ ] Problem *

* = Enter comment on next page and mark location on map with an "X" and item number

COMMENTS:

CORRECTIVE ACTION TAKEN:

BY:

DATE: 8-21-24

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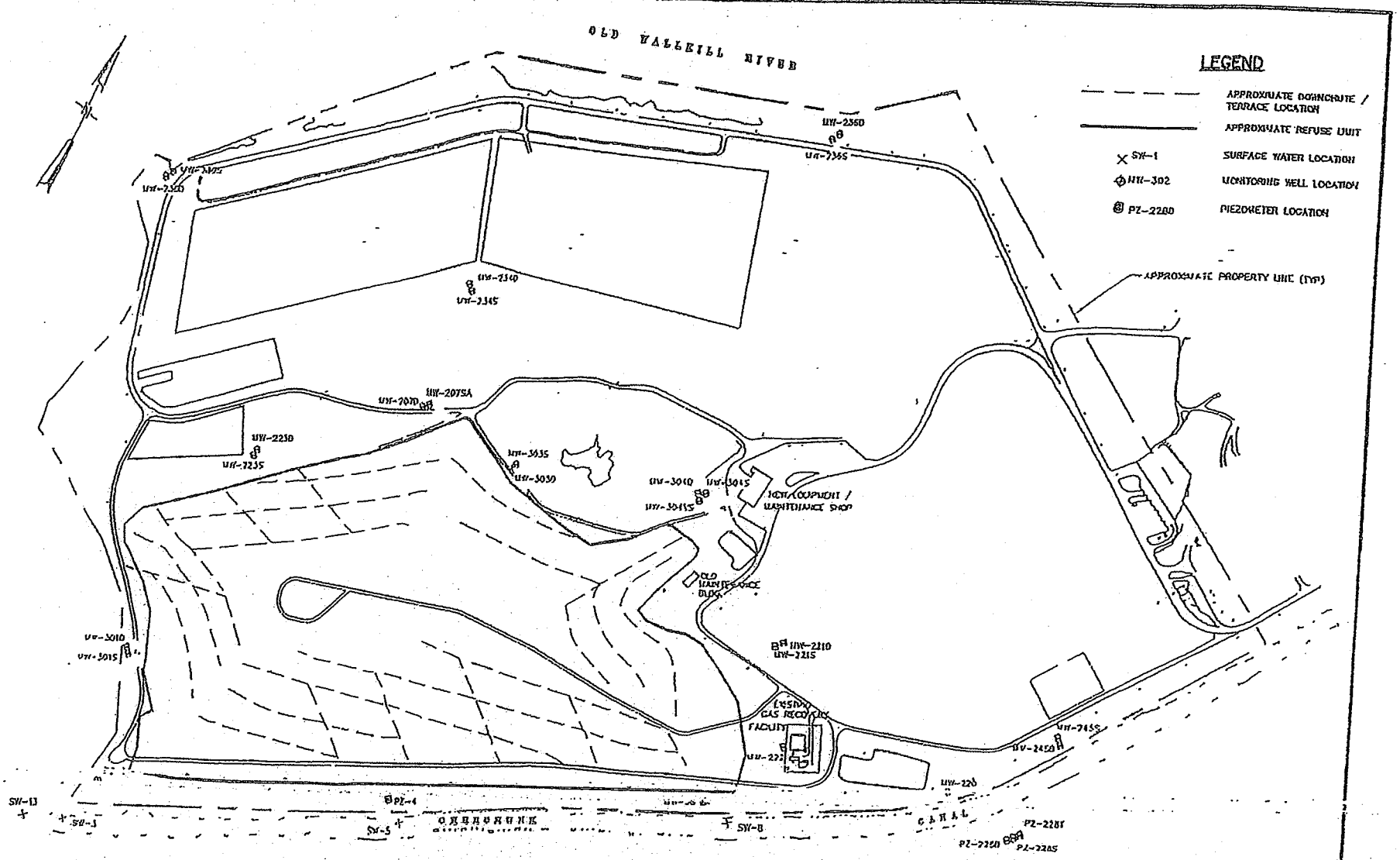


SCALE: 1" = 600'	Stearns&Wheler ENVIRONMENTAL ENGINEERS & SCIENTISTS DATE: 03/96 JOB No.: 2535	ORANGE COUNTY LANDFILL TOWN OF GOSHEN, NEW YORK FIGURE 2A FIELD INSPECTION SITE MAP

ORANGE COUNTY LANDFILL
SITE MANAGEMENT PLAN

MONTHLY POST-CLOSURE FIELD INSPECTION REPORT
ORANGE COUNTY

Date: 9-25-24

Performed By: Ken Sherwood

1. Access road condition	☑ Good	☐ Fair	☐ Poor *	
2. Access Control (Monitoring of Access road & entrance into landfill property)	☑ Has been maintained properly	☐ Has not been maintained properly		
3. Roadside ditches, culverts & other site drainage ways	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
4. Catch Basins	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
5. Detention Basin	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
6. Terraces	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
7. Terraces downchutes	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
8. Terraces headwall	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
9. Grass condition	☑ Good	☐ Poor	☐ Dead	
10. Other Plants Present	☐ Burdock	☐ Thistle	☐ Other	
11. Woody Plants	☑ Not on cap	☐ Present*	Date Removed:	
12. Capped Gas Wells	☑ Good Condition	☐ Damaged*		
13. Surface erosion	☑ None	☐ Minor	☐ Needs repair *	
14. Landfill Stability (Sloughing)	☑ No soil movement	☐ Soil movement present*		
15. Cracks (Within landfill cover)	☑ No Cracks Visible	☐ Landfill cover crack(s) are visible* (Note Measurement, Location & Description)		
16. Geomembrane liner exposed	☑ No	☐ Yes		
17. Settlement	☑ No Settlement visible	☐ Settlement is visible* (Note Measurement, Location & Description)		
18. Most recent mowing date: 8-28-24				
19. Stressed vegetation	☑ No	☐ Yes*		
20. Damage to leachate cleanouts	☑ No	☐ Yes		
21. Monitoring Wells	☑ Secure with locks	☐ Damaged*		
22. Litter present	☑ No	☐ Yes	Est. removal date:	
23. Evidence of ponded water	☑ None	☐ Observed*	☐ Suspected *	
24. Fallen trees	☑ None	☐ Present on cap *	Est. removal date:	
25. Evidence of trespass	☐ Yes*	☑ No		
26. Evidence of motor vehicle trespass	☑ No	☐ Auto/Truck	☐ Motorcycle	☐ ATV
27. Woodchuck/rodent holes in cap	☑ No	☐ Yes	Date Backfilled:	
28. Evidence of lightning strike	☑ No	☐ Yes *		

29. Unauthorized materials present — [✓] No [ ] Yes *

30. Dead Animals present — [✓] No [ ] Yes *

31. Oil slick on adjacent waters — [✓] No [ ] Yes *

32. Damaged leachate manholes — [✓] No [ ] Yes *

33. Leachate seeps — [✓] No [ ] Yes

Stain Color: _____

Length: _____

34. Leachate fluid — [ ] Puddle * [ ] Stream * [✓] None

35. Gulls/scavenger birds present — [✓] No [ ] Yes *

36. Other animal foraging evidence — [✓] No [ ] Yes *

37. No smoking warnings — [✓] Present [ ] Missing/Damaged

38. Survey Monuments — [✓] Undisturbed [ ] Disturbed

39. Leachate Collection tanks and piping

L-1	[✓] OK	[ ] Problem *
L-2	[✓] OK	[ ] Problem *
L-3	[✓] OK	[ ] Problem *
L-4	[✓] OK	[ ] Problem *
L-5	[✓] OK	[ ] Problem *
L-7	[✓] OK	[ ] Problem *

35. Condensate Tanks

C-1	[✓] OK	[ ] Problem *
C-2	[✓] OK	[ ] Problem *
C-3	[✓] OK	[ ] Problem *
C-4 (Maintenance Shop)	[✓] OK	[ ] Problem *

* = Enter comment on next page and mark location on map with an "X" and item number

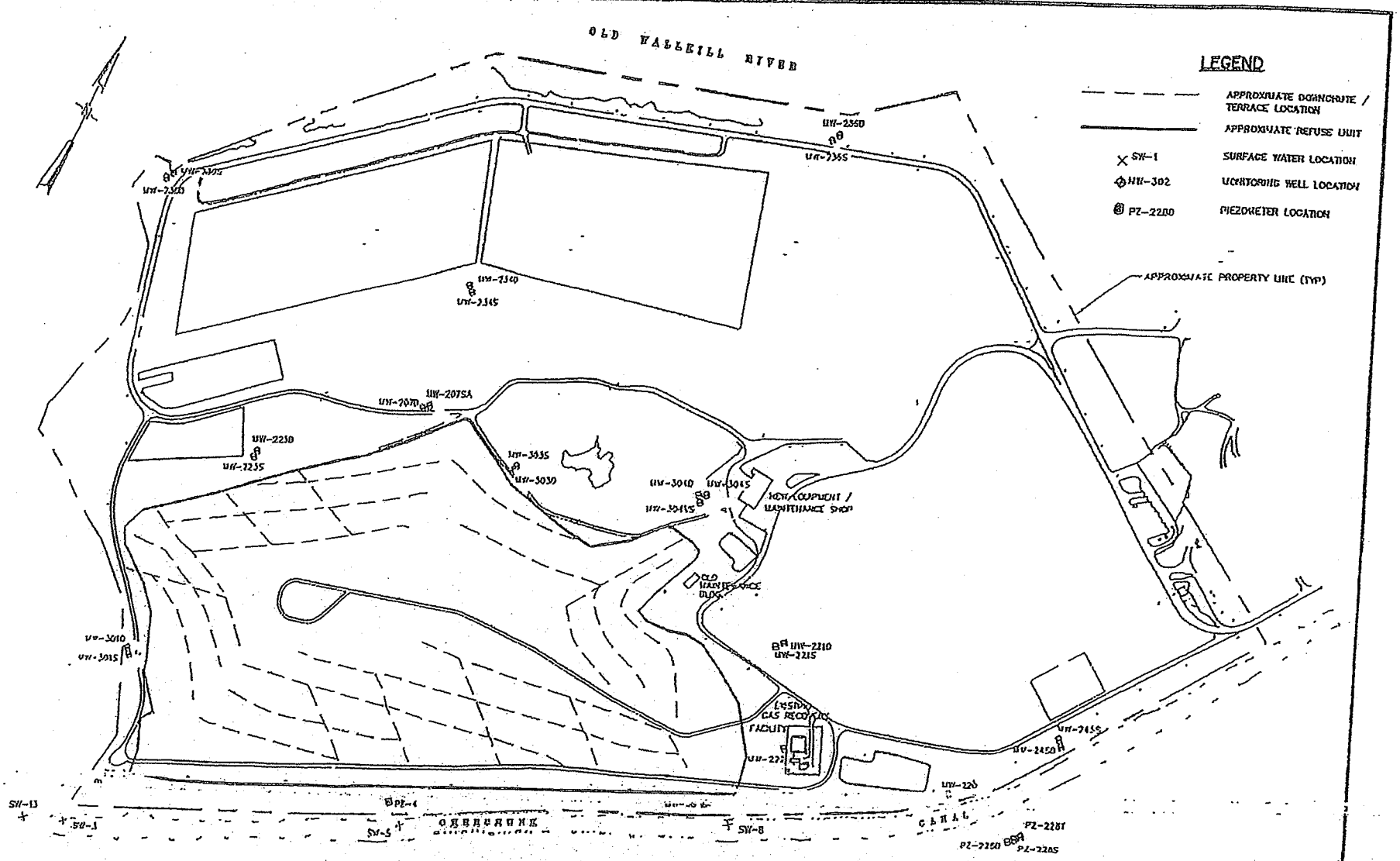
COMMENTS:

CORRECTIVE ACTION TAKEN:

BY: KS

DATE: 9-25-24

:\JOBS\MRY\#2535\2535F-2A.DWG 03/12/96



SCALE: 1" = 600'	Stearns&Wheler ENVIRONMENTAL ENGINEERS & SCIENTISTS DATE: 03/96 JOB No.: 2535	ORANGE COUNTY LANDFILL TOWN OF GOSHEN, NEW YORK FIGURE 2A FIELD INSPECTION SITE MAP

ORANGE COUNTY LANDFILL
SITE MANAGEMENT PLAN

MONTHLY POST-CLOSURE FIELD INSPECTION REPORT
ORANGE COUNTY

Date: 10-23-24

Performed By: Ken Sherwood

1.	Access road condition	☑ Good	☐ Fair	☐ Poor *
2.	Access Control (Monitoring of Access road & entrance into landfill property)	☑ Has been maintained properly	☐ Has not been maintained properly	
3.	Roadside ditches, culverts & other site drainage ways	☑ Unobstructed	☐ Obstructed *	☐ Sediments
4.	Catch Basins	☑ Unobstructed	☐ Obstructed *	☐ Sediments
5.	Detention Basin	☑ Unobstructed	☐ Obstructed *	☐ Sediments
6.	Terraces	☑ Unobstructed	☐ Obstructed *	☐ Sediments
7.	Terraces downchutes	☑ Unobstructed	☐ Obstructed *	☐ Sediments
8.	Terraces headwall	☑ Unobstructed	☐ Obstructed *	☐ Sediments
9.	Grass condition	☑ Good	☐ Poor	☐ Dead
10.	Other Plants Present	☐ Burdock	☐ Thistle	☐ Other
11.	Woody Plants	☑ Not on cap	☐ Present*	Date Removed:
12.	Capped Gas Wells	☑ Good Condition	☐ Damaged*	
13.	Surface erosion	☑ None	☐ Minor	☐ Needs repair *
14.	Landfill Stability (Sloughing)	☑ No soil movement	☐ Soil movement present*	
15.	Cracks (Within landfill cover)	☑ No Cracks Visible	☐ Landfill cover crack(s) are visible* (Note Measurement, Location & Description)	
16.	Geomembrane liner exposed	☑ No	☐ Yes	
17.	Settlement	☑ No Settlement visible	☐ Settlement is visible* (Note Measurement, Location & Description)	
18.	Most recent mowing date: 8-28-24			
19.	Stressed vegetation	☑ No	☐ Yes*	
20.	Damage to leachate cleanouts	☑ No	☐ Yes	
21.	Monitoring Wells	☑ Secure with locks	☐ Damaged*	
22.	Litter present	☑ No	☐ Yes	Est. removal date:
23.	Evidence of ponded water	☑ None	☐ Observed*	☐ Suspected *
24.	Fallen trees	☑ None	☐ Present on cap *	Est. removal date:
25.	Evidence of trespass	☐ Yes*	☑ No	
26.	Evidence of motor vehicle trespass	☑ No	☐ Auto/Truck ☐ Motorcycle ☐ ATV	
27.	Woodchuck/rodent holes in cap	☑ No	☐ Yes	Date Backfilled:
28.	Evidence of lightning strike	☑ No	☐ Yes *	

29. Unauthorized materials present — [✓] No [ ] Yes *

30. Dead Animals present — [✓] No [ ] Yes *

31. Oil slick on adjacent waters — [✓] No [ ] Yes *

32. Damaged leachate manholes — [✓] No [ ] Yes *

33. Leachate seeps — [✓] No [ ] Yes — Stain Color: _____

Length: _____

34. Leachate fluid — [ ] Puddle * [ ] Stream * [✓] None

35. Gulls/scavenger birds present — [✓] No [ ] Yes *

36. Other animal foraging evidence — [✓] No [ ] Yes *

37. No smoking warnings — [✓] Present [ ] Missing/Damaged

38. Survey Monuments — [✓] Undisturbed [ ] Disturbed

39. Leachate Collection tanks and piping

L-1	[✓] OK	[ ] Problem *
L-2	[✓] OK	[ ] Problem *
L-3	[✓] OK	[ ] Problem *
L-4	[✓] OK	[ ] Problem *
L-5	[✓] OK	[ ] Problem *
L-7	[✓] OK	[ ] Problem *

35. Condensate Tanks

C-1	[✓] OK	[ ] Problem *
C-2	[✓] OK	[ ] Problem *
C-3	[✓] OK	[ ] Problem *
C-4	(Maintenance Shop)	
	[✓] OK	[ ] Problem *

* = Enter comment on next page and mark location on map with an "X" and item number

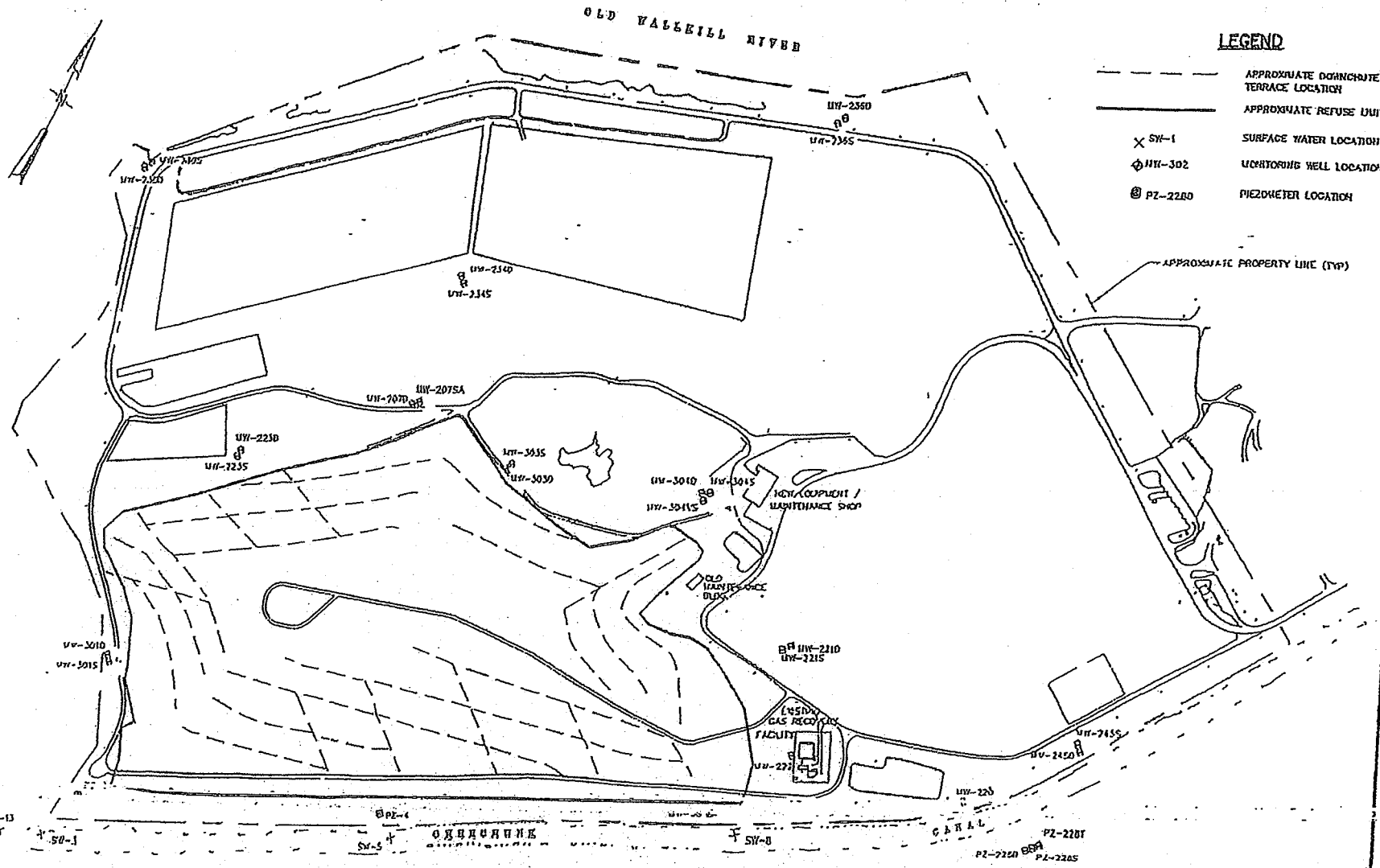
COMMENTS:

CORRECTIVE ACTION TAKEN:

BY:

DATE: 10-23-24

C:\JOBS\MRY\#2535\2535F-2A.DWG 03/12/96



	Stearns&Wheler ENVIRONMENTAL ENGINEERS & SCIENTISTS	ORANGE COUNTY LANDFILL TOWN OF GOSHEN, NEW YORK
SCALE: 1" = 600'	DATE: 03/96 JOB No.: 2535	FIGURE 2A FIELD INSPECTION SITE MAP

ORANGE COUNTY LANDFILL
SITE MANAGEMENT PLAN

MONTHLY POST-CLOSURE FIELD INSPECTION REPORT
ORANGE COUNTY

Date: 11-26-24

Performed By: Ken Sherwood

1.	Access road condition	☑ Good	☐ Fair	☐ Poor *
2.	Access Control (Monitoring of Access road & entrance into landfill property)	☑ Has been maintained properly	☐ Has not been maintained properly	
3.	Roadside ditches, culverts & other site drainage ways	☑ Unobstructed	☐ Obstructed *	☐ Sediments
4.	Catch Basins	☑ Unobstructed	☐ Obstructed *	☐ Sediments
5.	Detention Basin	☑ Unobstructed	☐ Obstructed *	☐ Sediments
6.	Terraces	☑ Unobstructed	☐ Obstructed *	☐ Sediments
7.	Terraces downchutes	☑ Unobstructed	☐ Obstructed *	☐ Sediments
8.	Terraces headwall	☑ Unobstructed	☐ Obstructed *	☐ Sediments
9.	Grass condition	☑ Good	☐ Poor	☐ Dead
10.	Other Plants Present	☐ Burdock	☐ Thistle	☐ Other
11.	Woody Plants	☑ Not on cap	☐ Present*	Date Removed:
12.	Capped Gas Wells	☑ Good Condition	☐ Damaged*	
13.	Surface erosion	☑ None	☐ Minor	☐ Needs repair *
14.	Landfill Stability (Sloughing)	☑ No soil movement	☐ Soil movement present*	
15.	Cracks (Within landfill cover)	☑ No Cracks Visible	☐ Landfill cover crack(s) are visible* (Note Measurement, Location & Description)	
16.	Geomembrane liner exposed	☑ No	☐ Yes	
17.	Settlement	☑ No Settlement visible	☐ Settlement is visible* (Note Measurement, Location & Description)	
18.	Most recent mowing date: 8-28-24			
19.	Stressed vegetation	☑ No	☐ Yes*	
20.	Damage to leachate cleanouts	☑ No	☐ Yes	
21.	Monitoring Wells	☑ Secure with locks	☐ Damaged*	
22.	Litter present	☑ No	☐ Yes	Est. removal date:
23.	Evidence of ponded water	☑ None	☐ Observed*	☐ Suspected *
24.	Fallen trees	☑ None	☐ Present on cap *	Est. removal date:
25.	Evidence of trespass	☐ Yes*	☑ No	
26.	Evidence of motor vehicle trespass	☑ No	☐ Auto/Truck ☐ Motorcycle ☐ ATV	
27.	Woodchuck/rodent holes in cap	☑ No	☐ Yes	Date Backfilled:
28.	Evidence of lightning strike	☑ No	☐ Yes *	

29. Unauthorized materials present — [✓] No [ ] Yes *

30. Dead Animals present — [✓] No [ ] Yes *

31. Oil slick on adjacent waters — [✓] No [ ] Yes *

32. Damaged leachate manholes — [✓] No [ ] Yes *

33. Leachate seeps — [✓] No [ ] Yes

Stain Color: _____

Length: _____

34. Leachate fluid — [ ] Puddle * [ ] Stream * [✓] None

35. Gulls/scavenger birds present — [✓] No [ ] Yes *

36. Other animal foraging evidence — [✓] No [ ] Yes *

37. No smoking warnings — [✓] Present [ ] Missing/Damaged

38. Survey Monuments — [✓] Undisturbed [ ] Disturbed

39. Leachate Collection tanks and piping

L-1	[✓] OK	[ ] Problem *
L-2	[✓] OK	[ ] Problem *
L-3	[✓] OK	[ ] Problem *
L-4	[✓] OK	[ ] Problem *
L-5	[✓] OK	[ ] Problem *
L-7	[✓] OK	[ ] Problem *

35. Condensate Tanks

C-1	[✓] OK	[ ] Problem *
C-2	[✓] OK	[ ] Problem *
C-3	[✓] OK	[ ] Problem *
C-4 (Maintenance Shop)	[✓] OK	[ ] Problem *

* = Enter comment on next page and mark location on map with an "X" and item number

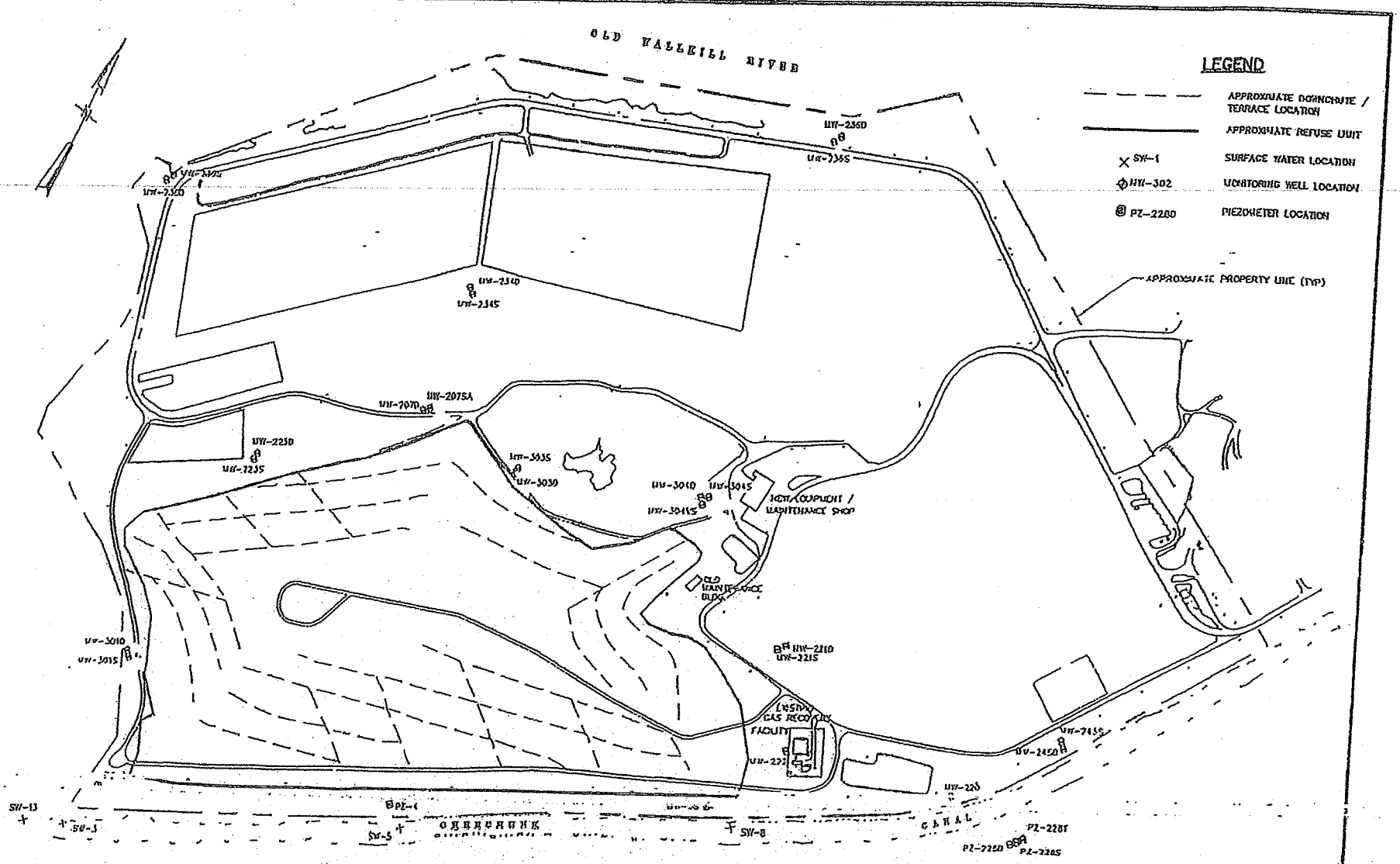
COMMENTS:

CORRECTIVE ACTION TAKEN:

BY: AS

DATE: 11-26-24

C:\JOBS\MRY\#2535\2535F-2A.DWG 03/12/96



Stearns&Wheler
ENVIRONMENTAL ENGINEERS & SCIENTISTS

ORANGE COUNTY LANDFILL
TOWN OF GOSHEN, NEW YORK

FIGURE 2A
FIELD INSPECTION SITE MAP

SCALE: 1" = 600'

DATE: 03/96 JOB No.: 2535

ORANGE COUNTY LANDFILL
SITE MANAGEMENT PLAN

MONTHLY POST-CLOSURE FIELD INSPECTION REPORT
ORANGE COUNTY

Date: 12-11-24

Performed By: Ken Sherwood

1. Access road condition	☑ Good	☐ Fair	☐ Poor *	
2. Access Control (Monitoring of Access road & entrance into landfill property)	☑ Has been maintained properly	☐ Has not been maintained properly		
3. Roadside ditches, culverts & other site drainage ways	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
4. Catch Basins	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
5. Detention Basin	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
6. Terraces	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
7. Terraces downchutes	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
8. Terraces headwall	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
9. Grass condition	☑ Good	☐ Poor	☐ Dead	
10. Other Plants Present	☐ Burdock	☐ Thistle	☐ Other	
11. Woody Plants	☑ Not on cap	☐ Present*	Date Removed:	
12. Capped Gas Wells	☑ Good Condition	☐ Damaged*		
13. Surface erosion	☑ None	☐ Minor	☐ Needs repair *	
14. Landfill Stability (Sloughing)	☑ No soil movement	☐ Soil movement present*		
15. Cracks (Within landfill cover)	☑ No Cracks Visible	☐ Landfill cover crack(s) are visible* (Note Measurement, Location & Description)		
16. Geomembrane liner exposed	☑ No	☐ Yes		
17. Settlement	☑ No Settlement visible	☐ Settlement is visible* (Note Measurement, Location & Description)		
18. Most recent mowing date: 8-28-24				
19. Stressed vegetation	☑ No	☐ Yes*		
20. Damage to leachate cleanouts	☑ No	☐ Yes		
21. Monitoring Wells	☑ Secure with locks	☐ Damaged*		
22. Litter present	☑ No	☐ Yes	Est. removal date:	
23. Evidence of ponded water	☑ None	☐ Observed*	☐ Suspected *	
24. Fallen trees	☑ None	☐ Present on cap *	Est. removal date:	
25. Evidence of trespass	☐ Yes*	☑ No		
26. Evidence of motor vehicle trespass	☑ No	☐ Auto/Truck	☐ Motorcycle	☐ ATV
27. Woodchuck/rodent holes in cap	☑ No	☐ Yes	Date Backfilled:	
28. Evidence of lightning strike	☑ No	☐ Yes *		

29. Unauthorized materials present — [✓] No [ ] Yes *

30. Dead Animals present — [✓] No [ ] Yes *

31. Oil slick on adjacent waters — [✓] No [ ] Yes *

32. Damaged leachate manholes — [✓] No [ ] Yes *

33. Leachate seeps — [✓] No [ ] Yes

Stain Color: _____

Length: _____

34. Leachate fluid — [ ] Puddle * [ ] Stream * [✓] None

35. Gulls/scavenger birds present — [✓] No [ ] Yes *

36. Other animal foraging evidence — [✓] No [ ] Yes *

37. No smoking warnings — [✓] Present [ ] Missing/Damaged

38. Survey Monuments — [✓] Undisturbed [ ] Disturbed

39. Leachate Collection tanks and piping

L-1	[✓] OK	[ ] Problem *
L-2	[✓] OK	[ ] Problem *
L-3	[✓] OK	[ ] Problem *
L-4	[✓] OK	[ ] Problem *
L-5	[✓] OK	[ ] Problem *
L-7	[✓] OK	[ ] Problem *

35. Condensate Tanks

C-1	[✓] OK	[ ] Problem *
C-2	[✓] OK	[ ] Problem *
C-3	[✓] OK	[ ] Problem *
C-4 (Maintenance Shop)	[✓] OK	[ ] Problem *

* = Enter comment on next page and mark location on map with an "X" and item number

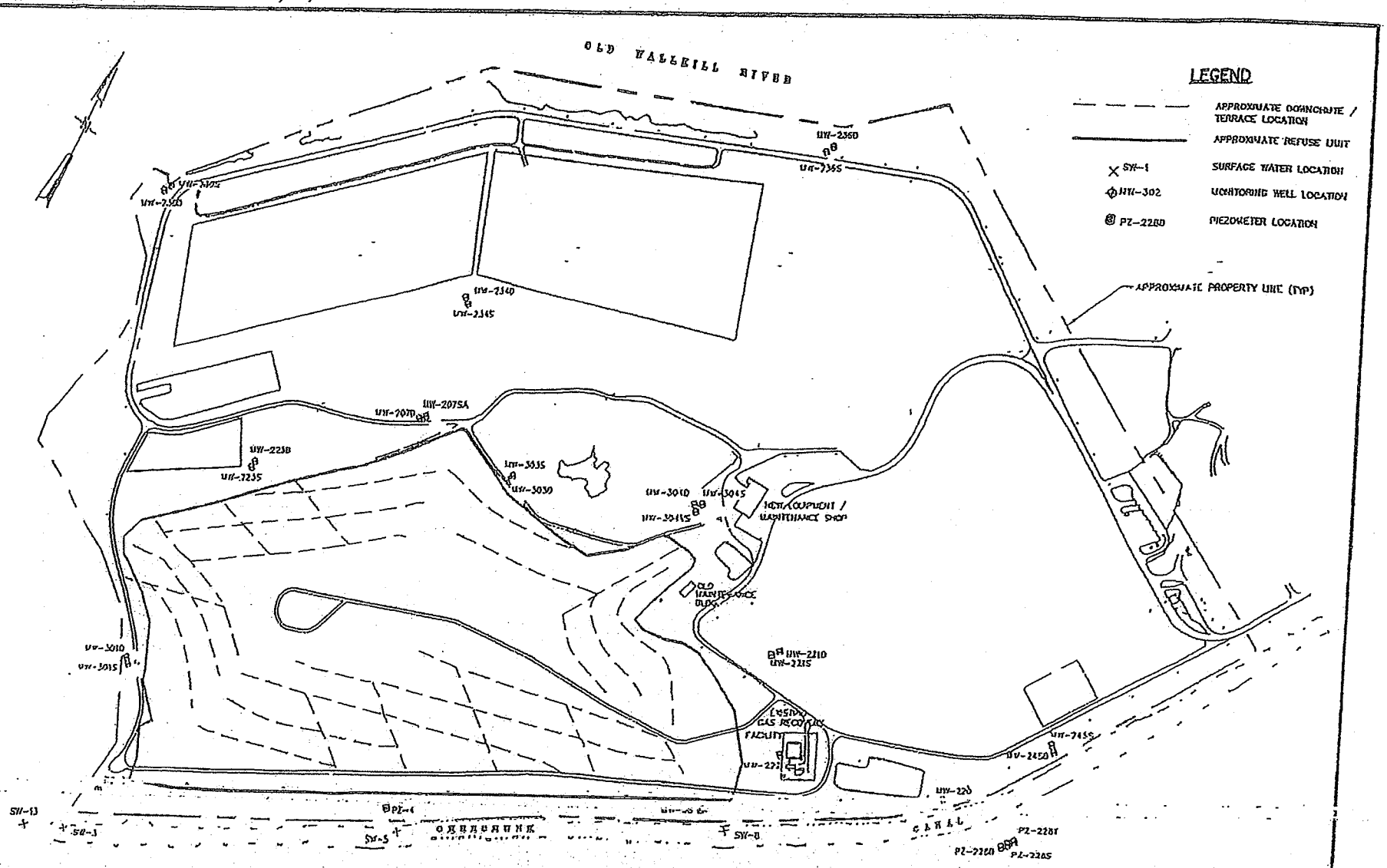
COMMENTS:

CORRECTIVE ACTION TAKEN:

BY: NS

DATE: 12-11-24

C:\JOBS\MRY\#2535\2535F-2A.DWG 03/12/96



Stearns & Wheler ENVIRONMENTAL ENGINEERS & SCIENTISTS		ORANGE COUNTY LANDFILL TOWN OF GOSHEN, NEW YORK
SCALE: 1" = 600'	DATE: 03/96 JOB No.: 2535	FIGURE 2A FIELD INSPECTION SITE MAP

ANNUAL MONITORING AND MAINTENANCE OPERATIONS CHECKLIST
ORANGE COUNTY LANDFILL
YEAR 2025

TASK DESCRIPTION	TASK FREQUENCY	MONTH TASK WAS COMPLETED [2]											
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Mowing	Bi-annually												
Monthly Inspections (Internal)	Monthly	1/22	2/26	3/26	4/23	5/09							
Annual Post-Closure Monitoring Report Submitted to NYSDEC[1]	Every Fifth Quarter												
Periodic Review Report Submitted to NYSDEC	Annually												

[1] Annual Monitoring includes groundwater monitoring, surface water monitoring, leachate monitoring, and explosive gas monitoring.

[2] Upon completeion of the task, the appropriate space should be initial and dated by the person that completed the task.

ORANGE COUNTY LANDFILL
SITE MANAGEMENT PLAN

MONTHLY POST-CLOSURE FIELD INSPECTION REPORT
ORANGE COUNTY

Date: 1-22-25

Performed By: Ken Sherwood

1. Access road condition	☑ Good	☐ Fair	☐ Poor *	
2. Access Control (Monitoring of Access road & entrance into landfill property)	☑ Has been maintained properly	☐ Has not been maintained properly		
3. Roadside ditches, culverts & other site drainage ways	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
4. Catch Basins	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
5. Detention Basin	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
6. Terraces	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
7. Terraces downchutes	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
8. Terraces headwall	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
9. Grass condition	☑ Good	☐ Poor	☐ Dead	
10. Other Plants Present	☐ Burdock	☐ Thistle	☐ Other	
11. Woody Plants	☑ Not on cap	☐ Present*	Date Removed:	
12. Capped Gas Wells	☑ Good Condition	☐ Damaged*		
13. Surface erosion	☑ None	☐ Minor	☐ Needs repair *	
14. Landfill Stability (Sloughing)	☑ No soil movement	☐ Soil movement present*		
15. Cracks (Within landfill cover)	☑ No Cracks Visible	☐ Landfill cover crack(s) are visible* (Note Measurement, Location & Description)		
16. Geomembrane liner exposed	☑ No	☐ Yes		
17. Settlement	☑ No Settlement visible	☐ Settlement is visible* (Note Measurement, Location & Description)		
18. Most recent mowing date: 8/28/24				
19. Stressed vegetation	☑ No	☐ Yes*		
20. Damage to leachate cleanouts	☑ No	☐ Yes		
21. Monitoring Wells	☑ Secure with locks	☐ Damaged*		
22. Litter present	☑ No	☐ Yes	Est. removal date:	
23. Evidence of ponded water	☑ None	☐ Observed*	☐ Suspected *	
24. Fallen trees	☑ None	☐ Present on cap *	Est. removal date:	
25. Evidence of trespass	☐ Yes*	☑ No		
26. Evidence of motor vehicle trespass	☑ No	☐ Auto/Truck	☐ Motorcycle	☐ ATV
27. Woodchuck/rodent holes in cap	☑ No	☐ Yes	Date Backfilled:	
28. Evidence of lightning strike	☑ No	☐ Yes *		

29. Unauthorized materials present ☑ No ☐ Yes *

30. Dead Animals present ☑ No ☐ Yes *

31. Oil slick on adjacent waters ☑ No ☐ Yes *

32. Damaged leachate manholes ☑ No ☐ Yes *

33. Leachate seeps ☑ No ☐ Yes Stain Color: _____

Length: _____

34. Leachate fluid ☐ Puddle * ☐ Stream * ☑ None

35. Gulls/scavenger birds present ☑ No ☐ Yes *

36. Other animal foraging evidence ☑ No ☐ Yes *

37. No smoking warnings ☑ Present ☐ Missing/Damaged

38. Survey Monuments ☑ Undisturbed ☐ Disturbed

39. Leachate Collection tanks and piping

L-1	☑ OK	☐ Problem *
L-2	☑ OK	☐ Problem *
L-3	☑ OK	☐ Problem *
L-4	☑ OK	☐ Problem *
L-5	☑ OK	☐ Problem *
L-7	☑ OK	☐ Problem *

35. Condensate Tanks

C-1	☑ OK	☐ Problem *
C-2	☑ OK	☐ Problem *
C-3	☑ OK	☐ Problem *
C-4 (Maintenance Shop)	☑ OK	☐ Problem *

* = Enter comment on next page and mark location on map with an "X" and item number

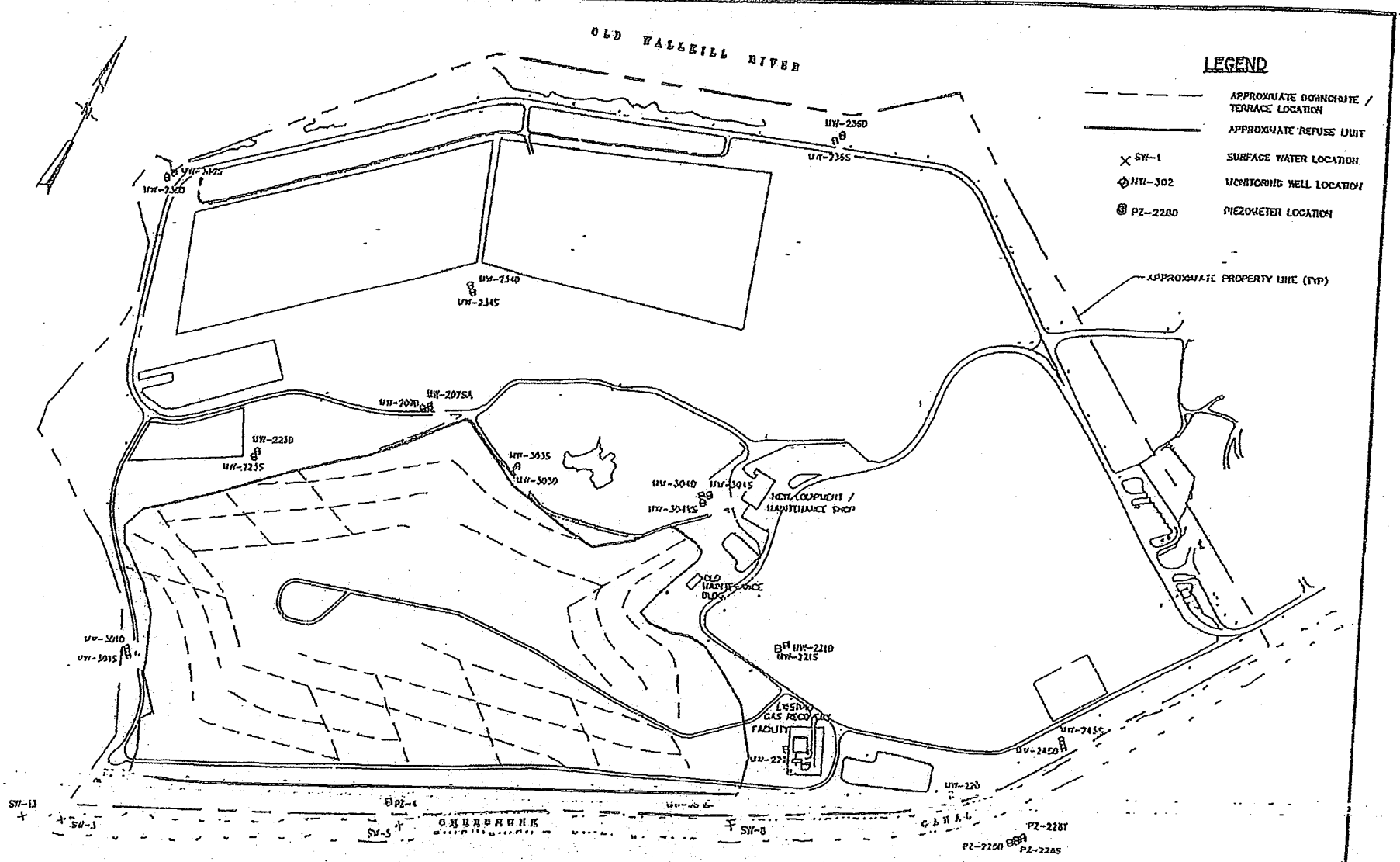
COMMENTS:

CORRECTIVE ACTION TAKEN:

BY:

DATE: 1-22-25

C:\JOBS\MRY\#2535\2535F-2A.DWG 03/12/96



Stearns&Wheler ENVIRONMENTAL ENGINEERS & SCIENTISTS		ORANGE COUNTY LANDFILL TOWN OF GOSHEN, NEW YORK
SCALE: 1" = 600'	DATE: 03/96 JOB No.: 2535	FIGURE 2A FIELD INSPECTION SITE MAP

ORANGE COUNTY LANDFILL
SITE MANAGEMENT PLAN

MONTHLY POST-CLOSURE FIELD INSPECTION REPORT
ORANGE COUNTY

Date: 2-26-25 Performed By: Ken Sherwood

1. Access road condition	☑ Good	☐ Fair	☐ Poor *	
2. Access Control (Monitoring of Access road & entrance into landfill property)	☑ Has been maintained properly	☐ Has not been maintained properly		
3. Roadside ditches, culverts & other site drainage ways	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
4. Catch Basins	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
5. Detention Basin	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
6. Terraces	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
7. Terraces downchutes	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
8. Terraces headwall	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
9. Grass condition	☑ Good	☐ Poor	☐ Dead	
10. Other Plants Present	☐ Burdock	☐ Thistle	☐ Other	
11. Woody Plants	☑ Not on cap	☐ Present*	Date Removed:	
12. Capped Gas Wells	☑ Good Condition	☐ Damaged*		
13. Surface erosion	☑ None	☐ Minor	☐ Needs repair *	
14. Landfill Stability (Sloughing)	☑ No soil movement	☐ Soil movement present*		
15. Cracks (Within landfill cover)	☑ No Cracks Visible	☐ Landfill cover crack(s) are visible* (Note Measurement, Location & Description)		
16. Geomembrane liner exposed	☑ No	☐ Yes		
17. Settlement	☑ No Settlement visible	☐ Settlement is visible* (Note Measurement, Location & Description)		
18. Most recent mowing date: 8/28/24				
19. Stressed vegetation	☑ No	☐ Yes*		
20. Damage to leachate cleanouts	☑ No	☐ Yes		
21. Monitoring Wells	☑ Secure with locks	☐ Damaged*		
22. Litter present	☑ No	☐ Yes	Est. removal date:	
23. Evidence of ponded water	☑ None	☐ Observed*	☐ Suspected *	
24. Fallen trees	☑ None	☐ Present on cap *	Est. removal date:	
25. Evidence of trespass	☐ Yes*	☑ No		
26. Evidence of motor vehicle trespass	☑ No	☐ Auto/Truck	☐ Motorcycle	☐ ATV
27. Woodchuck/rodent holes in cap	☑ No	☐ Yes	Date Backfilled:	
28. Evidence of lightning strike	☑ No	☐ Yes *		

29. Unauthorized materials present — [✓] No [ ] Yes *

30. Dead Animals present — [✓] No [ ] Yes *

31. Oil slick on adjacent waters — [✓] No [ ] Yes *

32. Damaged leachate manholes — [✓] No [ ] Yes *

33. Leachate seeps — [✓] No [ ] Yes

Stain Color: _____

Length: _____

34. Leachate fluid — [ ] Puddle * [ ] Stream * [✓] None

35. Gulls/scavenger birds present — [✓] No [ ] Yes *

36. Other animal foraging evidence — [✓] No [ ] Yes *

37. No smoking warnings — [✓] Present [ ] Missing/Damaged

38. Survey Monuments — [✓] Undisturbed [ ] Disturbed

39. Leachate Collection tanks and piping

L-1	[✓] OK	[ ] Problem *
L-2	[✓] OK	[ ] Problem *
L-3	[✓] OK	[ ] Problem *
L-4	[✓] OK	[ ] Problem *
L-5	[✓] OK	[ ] Problem *
L-7	[✓] OK	[ ] Problem *

35. Condensate Tanks

C-1	[✓] OK	[ ] Problem *
C-2	[✓] OK	[ ] Problem *
C-3	[✓] OK	[ ] Problem *
C-4 (Maintenance Shop)	[✓] OK	[ ] Problem *

* = Enter comment on next page and mark location on map with an "X" and item number

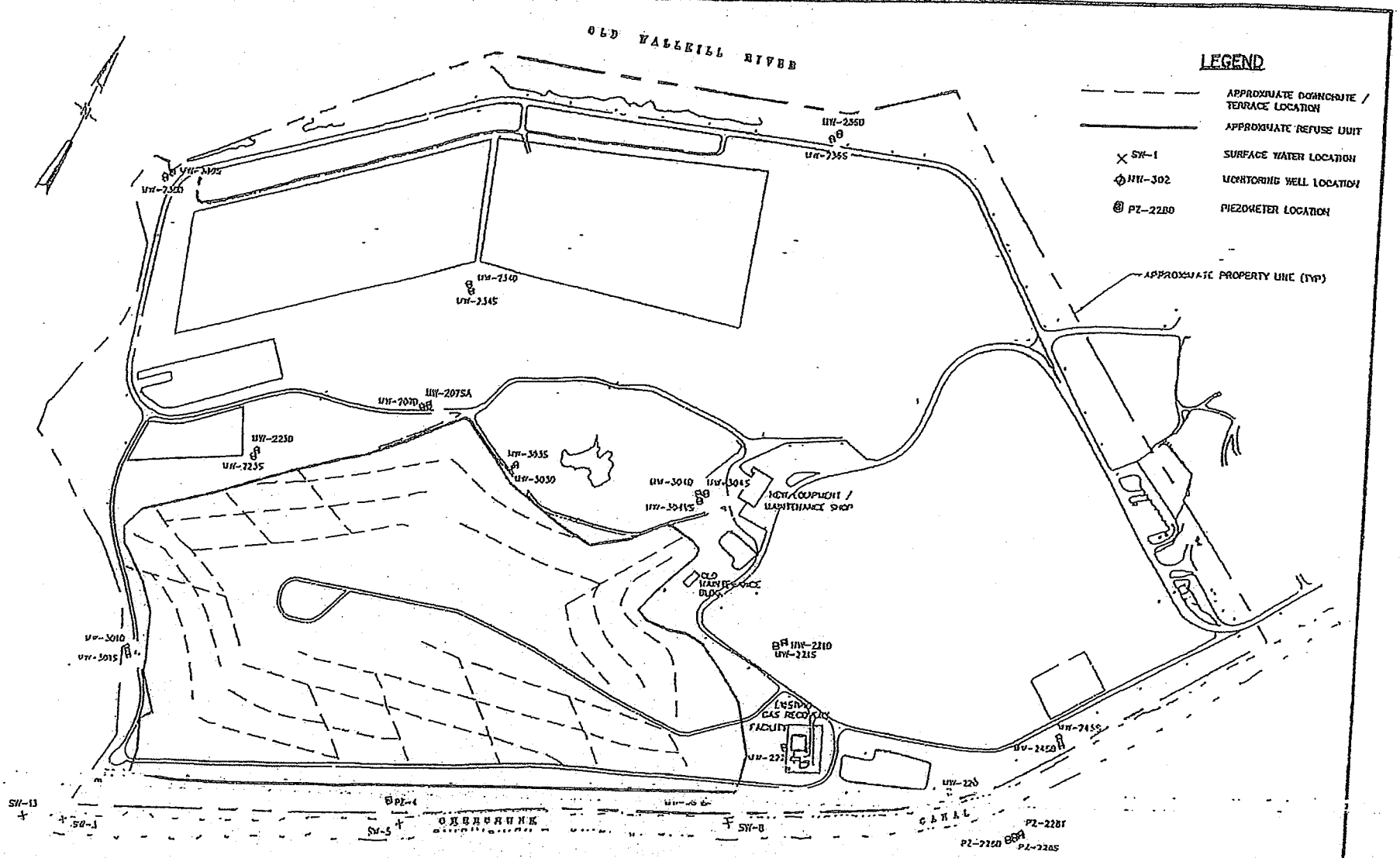
COMMENTS:

CORRECTIVE ACTION TAKEN:

BY:

DATE: 2/26/25

:\JOBS\MRY\#2535\2535F-2A.DWG 03/12/96



SCALE: 1" = 600'	Stearns & Wheler ENVIRONMENTAL ENGINEERS & SCIENTISTS DATE: 03/96 JOB No.: 2535	ORANGE COUNTY LANDFILL TOWN OF GOSHEN, NEW YORK FIGURE 2A FIELD INSPECTION SITE MAP

ORANGE COUNTY LANDFILL
SITE MANAGEMENT PLAN

MONTHLY POST-CLOSURE FIELD INSPECTION REPORT
ORANGE COUNTY

Date: 3/26/25

Performed By: Ken Sherwood

1. Access road condition	☑ Good	☐ Fair	☐ Poor *	
2. Access Control (Monitoring of Access road & entrance into landfill property)	☑ Has been maintained properly	☐ Has not been maintained properly		
3. Roadside ditches, culverts & other site drainage ways	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
4. Catch Basins	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
5. Detention Basin	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
6. Terraces	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
7. Terraces downchutes	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
8. Terraces headwall	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
9. Grass condition	☑ Good	☐ Poor	☐ Dead	
10. Other Plants Present	☐ Burdock	☐ Thistle	☐ Other	
11. Woody Plants	☑ Not on cap	☐ Present*	Date Removed:	
12. Capped Gas Wells	☑ Good Condition	☐ Damaged*		
13. Surface erosion	☑ None	☐ Minor	☐ Needs repair *	
14. Landfill Stability (Sloughing)	☑ No soil movement	☐ Soil movement present*		
15. Cracks (Within landfill cover)	☑ No Cracks Visible	☐ Landfill cover crack(s) are visible* (Note Measurement, Location & Description)		
16. Geomembrane liner exposed	☑ No	☐ Yes		
17. Settlement	☑ No Settlement visible	☐ Settlement is visible* (Note Measurement, Location & Description)		
18. Most recent mowing date: 8/28/24				
19. Stressed vegetation	☑ No	☐ Yes*		
20. Damage to leachate cleanouts	☑ No	☐ Yes		
21. Monitoring Wells	☑ Secure with locks	☐ Damaged*		
22. Litter present	☑ No	☐ Yes	Est. removal date:	
23. Evidence of ponded water	☑ None	☐ Observed*	☐ Suspected *	
24. Fallen trees	☑ None	☐ Present on cap *	Est. removal date:	
25. Evidence of trespass	☐ Yes*	☑ No		
26. Evidence of motor vehicle trespass	☑ No	☐ Auto/Truck	☐ Motorcycle	☐ ATV
27. Woodchuck/rodent holes in cap	☑ No	☐ Yes	Date Backfilled:	
28. Evidence of lightning strike	☑ No	☐ Yes *		

29. Unauthorized materials present — [✓] No [ ] Yes *

30. Dead Animals present — [✓] No [ ] Yes *

31. Oil slick on adjacent waters — [✓] No [ ] Yes *

32. Damaged leachate manholes — [✓] No [ ] Yes *

33. Leachate seeps — [✓] No [ ] Yes

Stain Color: _____

Length: _____

34. Leachate fluid — [ ] Puddle * [ ] Stream * [✓] None

35. Gulls/scavenger birds present — [✓] No [ ] Yes *

36. Other animal foraging evidence — [✓] No [ ] Yes *

37. No smoking warnings — [✓] Present [ ] Missing/Damaged

38. Survey Monuments — [✓] Undisturbed [ ] Disturbed

39. Leachate Collection tanks and piping

L-1	[✓] OK	[ ] Problem *
L-2	[✓] OK	[ ] Problem *
L-3	[✓] OK	[ ] Problem *
L-4	[✓] OK	[ ] Problem *
L-5	[✓] OK	[ ] Problem *
L-7	[✓] OK	[ ] Problem *

35. Condensate Tanks

C-1	[✓] OK	[ ] Problem *
C-2	[✓] OK	[ ] Problem *
C-3	[✓] OK	[ ] Problem *
C-4 (Maintenance Shop)	[✓] OK	[ ] Problem *

* = Enter comment on next page and mark location on map with an "X" and item number

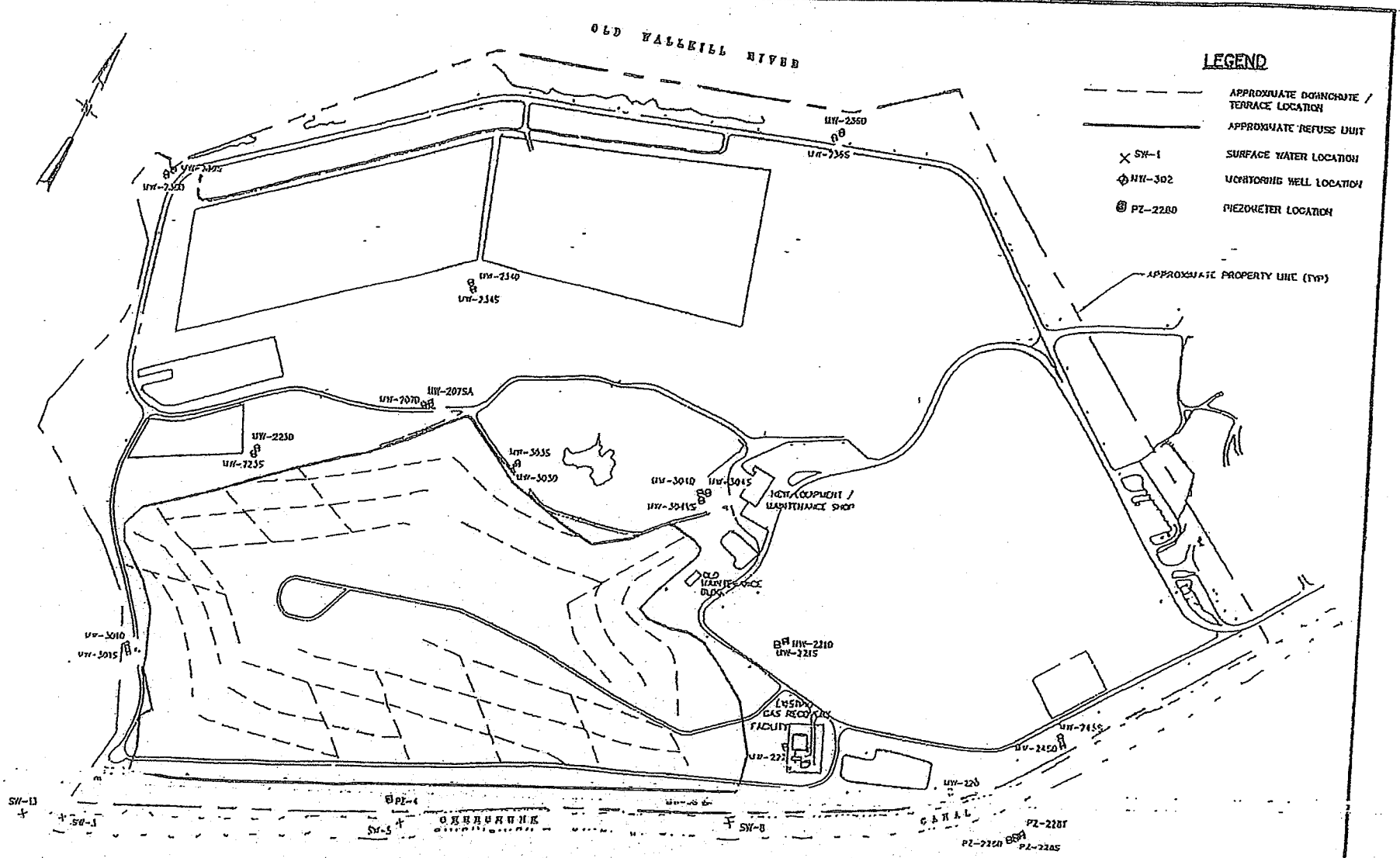
COMMENTS:

CORRECTIVE ACTION TAKEN:

BY: JB

DATE: 3/26/25

:\JOBS\MRY\#2535\2535F-2A.DWG 03/12/96



	Stearns & Wheler ENVIRONMENTAL ENGINEERS & SCIENTISTS	ORANGE COUNTY LANDFILL TOWN OF GOSHEN, NEW YORK
SCALE: 1" = 600'	DATE: 03/96 JOB No.: 2535	FIGURE 2A FIELD INSPECTION SITE MAP

ORANGE COUNTY LANDFILL
SITE MANAGEMENT PLAN

MONTHLY POST-CLOSURE FIELD INSPECTION REPORT
ORANGE COUNTY

Date: 4/23/25

Performed By: Ken Sherwood

1. Access road condition	☑ Good	☐ Fair	☐ Poor *	
2. Access Control (Monitoring of Access road & entrance into landfill property)	☑ Has been maintained properly	☐ Has not been maintained properly		
3. Roadside ditches, culverts & other site drainage ways	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
4. Catch Basins	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
5. Detention Basin	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
6. Terraces	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
7. Terraces downchutes	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
8. Terraces headwall	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
9. Grass condition	☑ Good	☐ Poor	☐ Dead	
10. Other Plants Present	☐ Burdock	☐ Thistle	☐ Other	
11. Woody Plants	☑ Not on cap	☐ Present*	Date Removed:	
12. Capped Gas Wells	☑ Good Condition	☐ Damaged*		
13. Surface erosion	☑ None	☐ Minor	☐ Needs repair *	
14. Landfill Stability (Sloughing)	☑ No soil movement	☐ Soil movement present*		
15. Cracks (Within landfill cover)	☑ No Cracks Visible	☐ Landfill cover crack(s) are visible* (Note Measurement, Location & Description)		
16. Geomembrane liner exposed	☑ No	☐ Yes		
17. Settlement	☑ No Settlement visible	☐ Settlement is visible* (Note Measurement, Location & Description)		
18. Most recent mowing date: 8/28/24				
19. Stressed vegetation	☑ No	☐ Yes*		
20. Damage to leachate cleanouts	☑ No	☐ Yes		
21. Monitoring Wells	☑ Secure with locks	☐ Damaged*		
22. Litter present	☑ No	☐ Yes	Est. removal date:	
23. Evidence of ponded water	☑ None	☐ Observed*	☐ Suspected *	
24. Fallen trees	☑ None	☐ Present on cap *	Est. removal date:	
25. Evidence of trespass	☐ Yes*	☑ No		
Evidence of motor vehicle trespass	☑ No	☐ Auto/Truck	☐ Motorcycle	☐ ATV
27. Woodchuck/rodent holes in cap	☑ No	☐ Yes	Date Backfilled:	
28. Evidence of lightning strike	☑ No	☐ Yes *		

29. Unauthorized materials present — [✓] No [ ] Yes *

30. Dead Animals present — [✓] No [ ] Yes *

31. Oil slick on adjacent waters — [✓] No [ ] Yes *

32. Damaged leachate manholes — [✓] No [ ] Yes *

33. Leachate seeps — [✓] No [ ] Yes

Stain Color: _____

Length: _____

34. Leachate fluid — [ ] Puddle * [ ] Stream * [✓] None

35. Gulls/scavenger birds present — [✓] No [ ] Yes *

36. Other animal foraging evidence — [✓] No [ ] Yes *

37. No smoking warnings — [✓] Present [ ] Missing/Damaged

38. Survey Monuments — [✓] Undisturbed [ ] Disturbed

39. Leachate Collection tanks and piping

L-1	[✓] OK	[ ] Problem *
L-2	[✓] OK	[ ] Problem *
L-3	[✓] OK	[ ] Problem *
L-4	[✓] OK	[ ] Problem *
L-5	[✓] OK	[ ] Problem *
L-7	[✓] OK	[ ] Problem *

35. Condensate Tanks

C-1	[✓] OK	[ ] Problem *
C-2	[✓] OK	[ ] Problem *
C-3	[✓] OK	[ ] Problem *
C-4 (Maintenance Shop)	[✓] OK	[ ] Problem *

* = Enter comment on next page and mark location on map with an "X" and item number

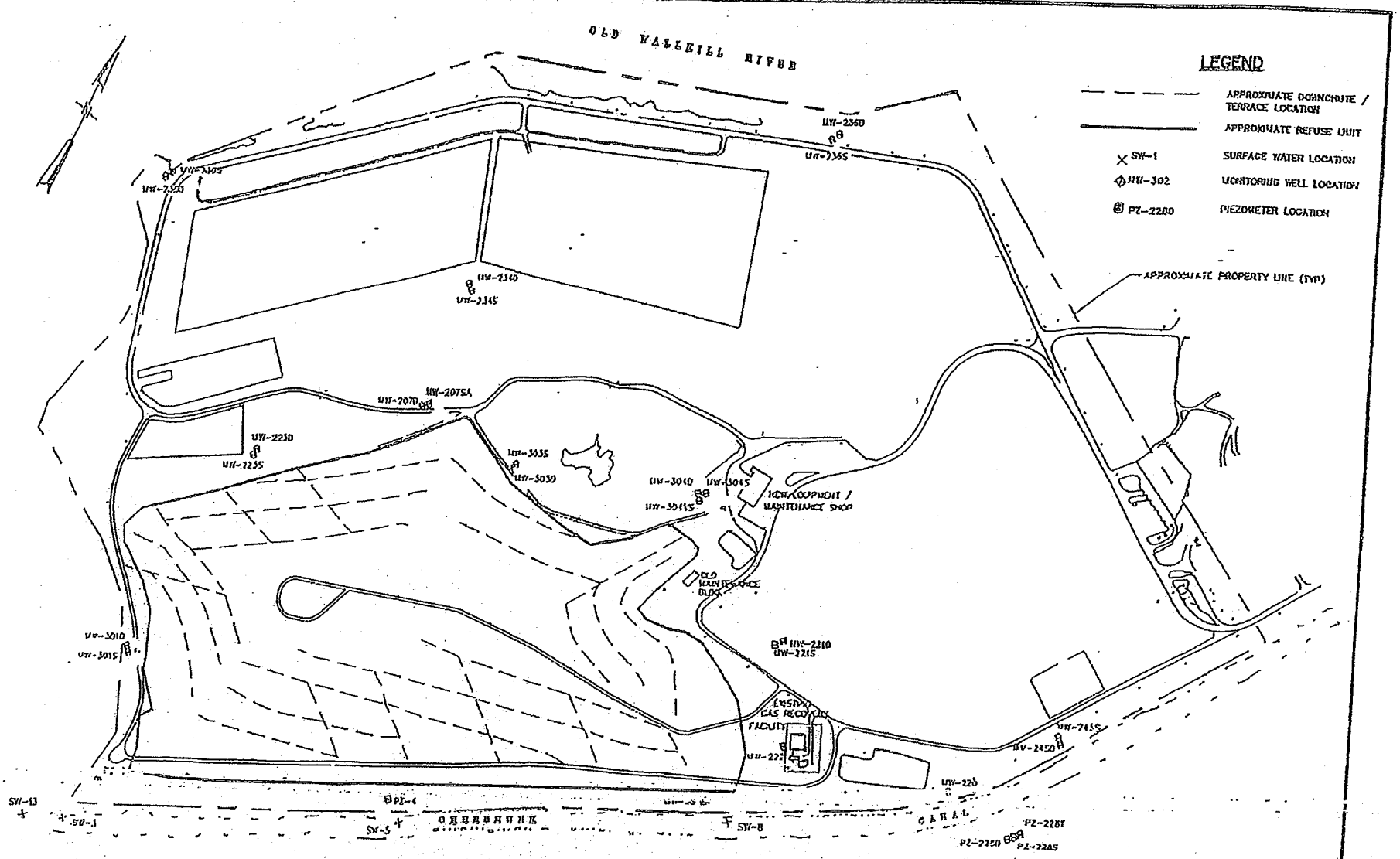
COMMENTS:

CORRECTIVE ACTION TAKEN:

BY: AS

DATE: 4/23/25

:\JOBS\MRY\#2535\2535F-2A.DWG 03/12/96



SCALE: 1" = 600'	Stearns&Wheler ENVIRONMENTAL ENGINEERS & SCIENTISTS DATE: 03/96 JOB No.: 2535	ORANGE COUNTY LANDFILL TOWN OF GOSHEN, NEW YORK FIGURE 2A FIELD INSPECTION SITE MAP

ORANGE COUNTY LANDFILL
SITE MANAGEMENT PLAN

MONTHLY POST-CLOSURE FIELD INSPECTION REPORT
ORANGE COUNTY

Date: 5/09/25

Performed By: Ken Sherwood

1. Access road condition	☑ Good	☐ Fair	☐ Poor *	
2. Access Control (Monitoring of Access road & entrance into landfill property)	☑ Has been maintained properly	☐ Has not been maintained properly		
3. Roadside ditches, culverts & other site drainage ways	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
4. Catch Basins	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
5. Detention Basin	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
6. Terraces	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
7. Terraces downchutes	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
8. Terraces headwall	☑ Unobstructed	☐ Obstructed *	☐ Sediments	
9. Grass condition	☑ Good	☐ Poor	☐ Dead	
10. Other Plants Present	☐ Burdock	☐ Thistle	☐ Other	
11. Woody Plants	☑ Not on cap	☐ Present*	Date Removed:	
12. Capped Gas Wells	☑ Good Condition	☐ Damaged*		
13. Surface erosion	☑ None	☐ Minor	☐ Needs repair *	
14. Landfill Stability (Sloughing)	☑ No soil movement	☐ Soil movement present*		
15. Cracks (Within landfill cover)	☑ No Cracks Visible	☐ Landfill cover crack(s) are visible* (Note Measurement, Location & Description)		
16. Geomembrane liner exposed	☑ No	☐ Yes		
17. Settlement	☑ No Settlement visible	☐ Settlement is visible* (Note Measurement, Location & Description)		
18. Most recent mowing date: 8/28/24				
19. Stressed vegetation	☑ No	☐ Yes*		
20. Damage to leachate cleanouts	☑ No	☐ Yes		
21. Monitoring Wells	☑ Secure with locks	☐ Damaged*		
22. Litter present	☑ No	☐ Yes	Est. removal date:	
23. Evidence of ponded water	☑ None	☐ Observed*	☐ Suspected *	
24. Fallen trees	☑ None	☐ Present on cap *	Est. removal date:	
25. Evidence of trespass	☐ Yes*	☑ No		
26. Evidence of motor vehicle trespass	☑ No	☐ Auto/Truck	☐ Motorcycle	☐ ATV
27. Woodchuck/rodent holes in cap	☑ No	☐ Yes	Date Backfilled:	
28. Evidence of lightning strike	☑ No	☐ Yes *		

29. Unauthorized materials present — [✓] No [ ] Yes *

30. Dead Animals present — [✓] No [ ] Yes *

31. Oil slick on adjacent waters — [✓] No [ ] Yes *

32. Damaged leachate manholes — [✓] No [ ] Yes *

33. Leachate seeps — [✓] No [ ] Yes — Stain Color: _____

Length: _____

34. Leachate fluid — [ ] Puddle * [ ] Stream * [✓] None

35. Gulls/scavenger birds present — [✓] No [ ] Yes *

36. Other animal foraging evidence — [✓] No [ ] Yes *

37. No smoking warnings — [✓] Present [ ] Missing/Damaged

38. Survey Monuments — [✓] Undisturbed [ ] Disturbed

39. Leachate Collection tanks and piping

L-1	[✓] OK	[ ] Problem *
L-2	[✓] OK	[ ] Problem *
L-3	[✓] OK	[ ] Problem *
L-4	[✓] OK	[ ] Problem *
L-5	[✓] OK	[ ] Problem *
L-7	[✓] OK	[ ] Problem *

35. Condensate Tanks

C-1	[✓] OK	[ ] Problem *
C-2	[✓] OK	[ ] Problem *
C-3	[✓] OK	[ ] Problem *
C-4 (Maintenance Shop)	[✓] OK	[ ] Problem *

* = Enter comment on next page and mark location on map with an "X" and item number

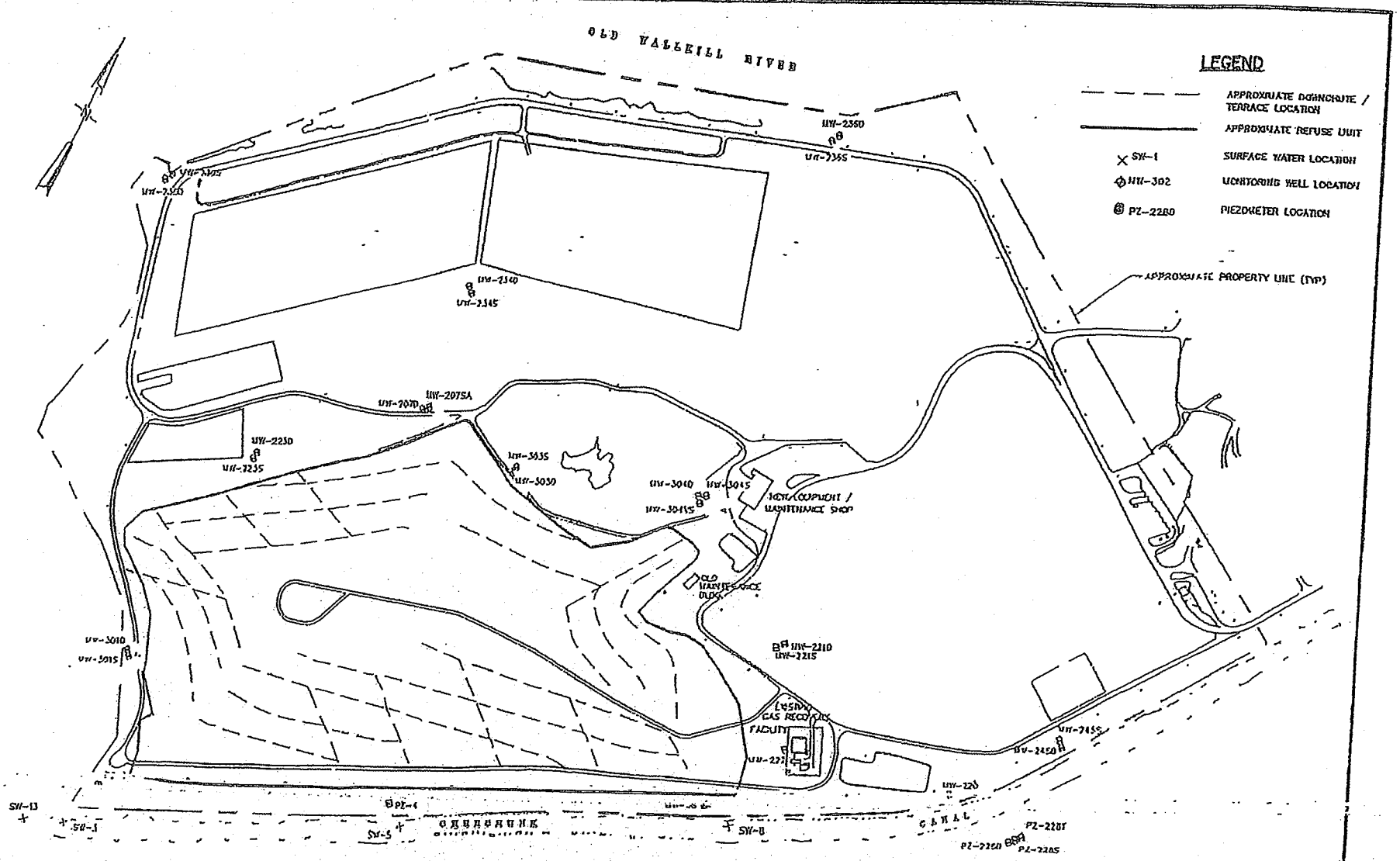
COMMENTS:

CORRECTIVE ACTION TAKEN:

BY:

DATE: 5/09/25

:\JOBS\MRY\#2535\2535F-2A.DWG 03/12/96



Stearns&Wheler
ENVIRONMENTAL ENGINEERS & SCIENTISTS

SCALE: 1" = 600'

DATE: 03/96 JOB No.: 2535

ORANGE COUNTY LANDFILL
TOWN OF GOSHEN, NEW YORK

FIGURE 2A
FIELD INSPECTION SITE MAP

APPENDIX B

ORANGE COUNTY LEACHATE VOLUME COLLECTED FROM LEACHATE COLLECTION SYSTEM

Material Analysis Report by Material then Origin

Materials for the period 04/01/2023 - 12/31/2023

Unknown Report for Sites: 1, 2, 3, 4

Accounts 0 - 999999 Customer Types: ____ - Z Materials 047 - 052 Material Types ____ - ZZ

Material	Origin	Customer	Tickets	Count	Act. Vol.	Est. Wt.	Actual Wt.	Charge
047	- LEACH. - CONDENSATE	772 - TAM Enterprises, Inc.	01-02655743	0	0.00	0.00	25.82	0.00
	Total		**1**	**0**	**0.00**	**0.00**	**25.82**	**0.00**
047	**- LEACH. - CONDENSATE Total**		**1**	**0**	**0.00**	**0.00**	**25.82**	**0.00**
048	- LEACH-MH/TANKS 1-5	601 - OC Transfer Station #1	01-02639792	0	0.00	0.00	19.84	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02627401	0	0.00	0.00	26.03	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02627587	0	0.00	0.00	7.29	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02628386	0	0.00	0.00	25.99	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02628573	0	0.00	0.00	25.96	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02628879	0	0.00	0.00	25.32	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02629170	0	0.00	0.00	26.02	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02629232	0	0.00	0.00	25.66	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02629776	0	0.00	0.00	25.76	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02629891	0	0.00	0.00	25.98	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02630113	0	0.00	0.00	25.90	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02630699	0	0.00	0.00	26.02	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02636650	0	0.00	0.00	22.80	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02640113	0	0.00	0.00	7.49	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02642218	0	0.00	0.00	25.94	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02642308	0	0.00	0.00	25.95	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02642416	0	0.00	0.00	26.04	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02642820	0	0.00	0.00	25.54	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02647579	0	0.00	0.00	19.98	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02647629	0	0.00	0.00	22.41	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02647697	0	0.00	0.00	19.84	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02647759	0	0.00	0.00	20.48	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02648635	0	0.00	0.00	27.75	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02651592	0	0.00	0.00	12.85	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02652183	0	0.00	0.00	7.41	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02652815	0	0.00	0.00	25.78	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02653995	0	0.00	0.00	25.84	0.00

Material Analysis Report by Material then Origin

Materials for the period 04/01/2023 - 12/31/2023

Unknown Report for Sites: 1, 2, 3, 4

Accounts 0 - 999999 Customer Types: ____ - Z Materials 047 - 052 Material Types ____ - ZZ

Material	Origin	Customer	Tickets	Count	Act. Vol.	Est. Wt.	Actual Wt.	Charge
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02654843	0	0.00	0.00	25.81	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02656142	0	0.00	0.00	25.58	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02667509	0	0.00	0.00	5.65	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02667526	0	0.00	0.00	18.41	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02657493	0	0.00	0.00	24.36	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02665377	0	0.00	0.00	19.01	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02668430	0	0.00	0.00	29.19	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02662377	0	0.00	0.00	19.85	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02654088	0	0.00	0.00	26.57	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02659793	0	0.00	0.00	26.03	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02666797	0	0.00	0.00	18.86	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02667251	0	0.00	0.00	29.17	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02661166	0	0.00	0.00	19.80	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02667276	0	0.00	0.00	29.02	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02659876	0	0.00	0.00	25.69	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02663812	0	0.00	0.00	25.76	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02665985	0	0.00	0.00	25.85	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02671332	0	0.00	0.00	19.42	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02669586	0	0.00	0.00	29.24	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02664873	0	0.00	0.00	25.94	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02667917	0	0.00	0.00	25.41	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02655693	0	0.00	0.00	23.77	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02656068	0	0.00	0.00	25.82	0.00
	Total		**50**	**0**	**0.00**	**0.00**	**1146.08**	**0.00**
048	**- LEACH-MH/TANKS 1-5 Total**		**50**	**0**	**0.00**	**0.00**	**1146.08**	**0.00**
049	- LEACH-MH/TANK #7	772 - TAM Enterprises, Inc.	01-02625600	0	0.00	0.00	12.02	0.00
049	- LEACH-MH/TANK #7	772 - TAM Enterprises, Inc.	01-02636079	0	0.00	0.00	25.90	0.00
049	- LEACH-MH/TANK #7	772 - TAM Enterprises, Inc.	01-02637886	0	0.00	0.00	23.81	0.00
049	- LEACH-MH/TANK #7	772 - TAM Enterprises, Inc.	01-02648400	0	0.00	0.00	27.15	0.00
049	- LEACH-MH/TANK #7	772 - TAM Enterprises, Inc.	01-02648441	0	0.00	0.00	13.74	0.00
049	- LEACH-MH/TANK #7	772 - TAM Enterprises, Inc.	01-02654911	0	0.00	0.00	25.93	0.00
049	- LEACH-MH/TANK #7	772 - TAM Enterprises, Inc.	01-02668495	0	0.00	0.00	6.19	0.00
049	- LEACH-MH/TANK #7	772 - TAM Enterprises, Inc.	01-02668585	0	0.00	0.00	29.13	0.00

Material Analysis Report by Material then Origin

Materials for the period 04/01/2023 - 12/31/2023

Unknown Report for Sites: 1, 2, 3, 4

Accounts 0 - 999999 Customer Types: ____ - Z Materials 047 - 052 Material Types ____ - ZZ

Material	Origin	Customer	Tickets	Count	Act. Vol.	Est. Wt.	Actual Wt.	Charge
049	- LEACH-MH/TANK #7	772 - TAM Enterprises, Inc.	01-02671296	0	0.00	0.00	19.83	0.00
049	- LEACH-MH/TANK #7	772 - TAM Enterprises, Inc.	01-02667813	0	0.00	0.00	25.77	0.00
049	- LEACH-MH/TANK #7	772 - TAM Enterprises, Inc.	01-02661252	0	0.00	0.00	18.86	0.00
	Total		**11**	**0**	**0.00**	**0.00**	**228.33**	**0.00**
049	**- LEACH-MH/TANK #7 Total**		**11**	**0**	**0.00**	**0.00**	**228.33**	**0.00**
051	- OCLF SEEP REMED.TNK6	772 - TAM Enterprises, Inc.	01-02642505	0	0.00	0.00	25.87	0.00
	Total		**1**	**0**	**0.00**	**0.00**	**25.87**	**0.00**
051	**- OCLF SEEP REMED.TNK6 Total**		**1**	**0**	**0.00**	**0.00**	**25.87**	**0.00**
052	- LEACH-MH/TANK #8	772 - TAM Enterprises, Inc.	01-02622727	0	0.00	0.00	19.89	0.00
052	- LEACH-MH/TANK #8	772 - TAM Enterprises, Inc.	01-02625602	0	0.00	0.00	13.99	0.00
052	- LEACH-MH/TANK #8	772 - TAM Enterprises, Inc.	01-02627092	0	0.00	0.00	11.33	0.00
052	- LEACH-MH/TANK #8	772 - TAM Enterprises, Inc.	01-02627100	0	0.00	0.00	9.20	0.00
052	- LEACH-MH/TANK #8	772 - TAM Enterprises, Inc.	01-02627109	0	0.00	0.00	5.45	0.00
052	- LEACH-MH/TANK #8	772 - TAM Enterprises, Inc.	01-02627329	0	0.00	0.00	25.93	0.00
052	- LEACH-MH/TANK #8	772 - TAM Enterprises, Inc.	01-02648481	0	0.00	0.00	27.82	0.00
052	- LEACH-MH/TANK #8	772 - TAM Enterprises, Inc.	01-02648836	0	0.00	0.00	18.77	0.00
052	- LEACH-MH/TANK #8	772 - TAM Enterprises, Inc.	01-02668506	0	0.00	0.00	12.97	0.00
052	- LEACH-MH/TANK #8	772 - TAM Enterprises, Inc.	01-02668516	0	0.00	0.00	9.80	0.00
052	- LEACH-MH/TANK #8	772 - TAM Enterprises, Inc.	01-02667332	0	0.00	0.00	18.34	0.00
052	- LEACH-MH/TANK #8	772 - TAM Enterprises, Inc.	01-02657401	0	0.00	0.00	19.82	0.00
	Total		**12**	**0**	**0.00**	**0.00**	**193.31**	**0.00**
052	**- LEACH-MH/TANK #8 Total**		**12**	**0**	**0.00**	**0.00**	**193.31**	**0.00**
Report Total			**75**	**0**	**0.00**	**0.00**	**1619.41**	**0.00**

Accompanying Notes to "Material Analysis Report"

Date Range: 04/01/2023 - 12/31/2023

O.C. Sites This Report Covers: Orange County Transfer Station #1 (OCTS#1) & Orange County Landfill (OCLF).

Material Code Key:

- Code 047 Refers to the OCLF Condensate Tanks (Leachate)
- Code 048 Refers to the OCLF Leachate Collection Tanks #1-5
- Code 049 Refers to the OCTS#1 Leachate Collection Tank (Tank #7)
- Code 050 Refers to the OCTS#1 Maintenance Shop Floor Drain Collection Tank
- Code 051 Refers to the OCLF Seep Remediation Collection Tank (Tank #6)
- Code 052 Refers to the OCTS#1 Trailer Parking Pad Leachate Collection Tank (Tank #8)

Material Analysis Report by Material then Origin

Materials for the period 01/01/2024 - 06/30/2024

Unknown Report for Sites: 1, 2, 3, 4

Accounts 0 - 999999 Customer Types: ____ - Z Materials 047 - 052 Material Types ____ - ZZ

Material	Origin	Customer	Tickets	Count	Act. Vol.	Est. Wt.	Actual Wt.	Charge
047	- LEACH. - CONDENSATE	772 - TAM Enterprises, Inc.	01-02699587	0	0.00	0.00	29.07	0.00
	Total		**1**	**0**	**0.00**	**0.00**	**29.07**	**0.00**
047	**- LEACH. - CONDENSATE Total**		**1**	**0**	**0.00**	**0.00**	**29.07**	**0.00**
048	- LEACH-MH/TANKS 1-5	604 - OC Port Jervis Trans Station	04-08147804	0	0.00	0.00	2.29	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02672973	0	0.00	0.00	28.98	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02673105	0	0.00	0.00	12.09	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02674168	0	0.00	0.00	24.57	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02674702	0	0.00	0.00	28.93	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02675573	0	0.00	0.00	29.01	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02676637	0	0.00	0.00	25.64	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02676716	0	0.00	0.00	6.25	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02677470	0	0.00	0.00	11.03	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02678293	0	0.00	0.00	29.14	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02678742	0	0.00	0.00	29.23	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02679685	0	0.00	0.00	29.25	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02680652	0	0.00	0.00	29.25	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02681778	0	0.00	0.00	12.18	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02681824	0	0.00	0.00	17.02	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02683415	0	0.00	0.00	17.61	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02683489	0	0.00	0.00	29.11	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02683812	0	0.00	0.00	28.43	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02683861	0	0.00	0.00	29.16	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02683989	0	0.00	0.00	29.24	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02684056	0	0.00	0.00	29.13	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02684355	0	0.00	0.00	30.16	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02685002	0	0.00	0.00	7.43	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02685647	0	0.00	0.00	10.63	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02685743	0	0.00	0.00	29.15	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02686687	0	0.00	0.00	16.83	0.00

Material Analysis Report by Material then Origin

Materials for the period 01/01/2024 - 06/30/2024

Unknown Report for Sites: 1, 2, 3, 4

Accounts 0 - 999999 Customer Types: ____ - Z Materials 047 - 052 Material Types ____ - ZZ

Material	Origin	Customer	Tickets	Count	Act. Vol.	Est. Wt.	Actual Wt.	Charge
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02686775	0	0.00	0.00	29.19	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02688084	0	0.00	0.00	28.98	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02693710	0	0.00	0.00	12.52	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02693724	0	0.00	0.00	6.42	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02695038	0	0.00	0.00	29.22	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02691119	0	0.00	0.00	30.62	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02702037	0	0.00	0.00	29.00	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02696832	0	0.00	0.00	25.89	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02693821	0	0.00	0.00	29.23	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02691216	0	0.00	0.00	29.22	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02695591	0	0.00	0.00	25.85	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02697809	0	0.00	0.00	29.02	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02689549	0	0.00	0.00	22.23	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02691283	0	0.00	0.00	29.23	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02701792	0	0.00	0.00	28.96	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02703575	0	0.00	0.00	25.59	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02696756	0	0.00	0.00	25.88	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02694945	0	0.00	0.00	21.48	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02691008	0	0.00	0.00	28.85	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02693644	0	0.00	0.00	29.02	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02693695	0	0.00	0.00	10.19	0.00
048	- LEACH-MH/TANKS 1-5	772 - TAM Enterprises, Inc.	01-02698462	0	0.00	0.00	21.68	0.00
	Total		**48**	**0**	**0.00**	**0.00**	**1120.01**	**0.00**
048	**- LEACH-MH/TANKS 1-5 Total**		**48**	**0**	**0.00**	**0.00**	**1120.01**	**0.00**
049	- LEACH-MH/TANK #7	772 - TAM Enterprises, Inc.	01-02683404	0	0.00	0.00	11.66	0.00
049	- LEACH-MH/TANK #7	772 - TAM Enterprises, Inc.	01-02683777	0	0.00	0.00	0.75	0.00
049	- LEACH-MH/TANK #7	772 - TAM Enterprises, Inc.	01-02684270	0	0.00	0.00	10.62	0.00
049	- LEACH-MH/TANK #7	772 - TAM Enterprises, Inc.	01-02685614	0	0.00	0.00	16.66	0.00
049	- LEACH-MH/TANK #7	772 - TAM Enterprises, Inc.	01-02686838	0	0.00	0.00	12.02	0.00
049	- LEACH-MH/TANK #7	772 - TAM Enterprises, Inc.	01-02688173	0	0.00	0.00	11.67	0.00
049	- LEACH-MH/TANK #7	772 - TAM Enterprises, Inc.	01-02694941	0	0.00	0.00	7.64	0.00

Material Analysis Report by Material then Origin

Materials for the period 01/01/2024 - 06/30/2024

Unknown Report for Sites: 1, 2, 3, 4

Accounts 0 - 999999 Customer Types: ____ - Z Materials 047 - 052 Material Types ____ - ZZ

Material	Origin	Customer	Tickets	Count	Act. Vol.	Est. Wt.	Actual Wt.	Charge
049	- LEACH-MH/TANK #7	772 - TAM Enterprises, Inc.	01-02698443	0	0.00	0.00	2.24	0.00
	Total		**8**	**0**	**0.00**	**0.00**	**73.26**	**0.00**
049	**- LEACH-MH/TANK #7 Total**		**8**	**0**	**0.00**	**0.00**	**73.26**	**0.00**
052	- LEACH-MH/TANK #8	772 - TAM Enterprises, Inc.	01-02673115	0	0.00	0.00	15.92	0.00
052	- LEACH-MH/TANK #8	772 - TAM Enterprises, Inc.	01-02681875	0	0.00	0.00	12.88	0.00
052	- LEACH-MH/TANK #8	772 - TAM Enterprises, Inc.	01-02681888	0	0.00	0.00	29.27	0.00
052	- LEACH-MH/TANK #8	772 - TAM Enterprises, Inc.	01-02684285	0	0.00	0.00	18.56	0.00
052	- LEACH-MH/TANK #8	772 - TAM Enterprises, Inc.	01-02686848	0	0.00	0.00	17.10	0.00
052	- LEACH-MH/TANK #8	772 - TAM Enterprises, Inc.	01-02688193	0	0.00	0.00	17.53	0.00
052	- LEACH-MH/TANK #8	772 - TAM Enterprises, Inc.	01-02689517	0	0.00	0.00	6.88	0.00
	Total		**7**	**0**	**0.00**	**0.00**	**118.14**	**0.00**
052	**- LEACH-MH/TANK #8 Total**		**7**	**0**	**0.00**	**0.00**	**118.14**	**0.00**
Report Total			**64**	**0**	**0.00**	**0.00**	**1340.48**	**0.00**

Accompanying Notes to "Material Analysis Report"

Date Range: 01/01/2024 - 06/30/2024

O.C. Sites This Report Covers: Orange County Transfer Station #1 (OCTS#1) & Orange County Landfill (OCLF).

Material Code Key:

- Code 047 Refers to the OCLF Condensate Tanks (Leachate)
- Code 048 Refers to the OCLF Leachate Collection Tanks #1-5
- Code 049 Refers to the OCTS#1 Leachate Collection Tank (Tank #7)
- Code 050 Refers to the OCTS#1 Maintenance Shop Floor Drain Collection Tank
- Code 051 Refers to the OCLF Seep Remediation Collection Tank (Tank #6)
- Code 052 Refers to the OCTS#1 Trailer Parking Pad Leachate Collection Tank (Tank #8)

Material Analysis Report by Customer then Material

Materials for the period 07/01/2024 - 12/31/2024

Unknown Report for Sites: 1, 2, 3, 4

Accounts 0 - 999999 Customer Types: ____ - Z Materials 050 - 053 Material Types ____ - ZZ

Customer	Material	Date	Tickets	Count	Act. Vol.	Est. Wt.	Actual Wt.	Charge
772 - TAM Enterprises, Inc.	052 - OCLF Lcht Tks 1-5	9/5/2024	01-00013169	0	6451.00	26.90	26.90	0.00
772 - TAM Enterprises, Inc.	052 - OCLF Lcht Tks 1-5	9/9/2024	01-00013873	0	4950.00	20.64	20.64	0.00
772 - TAM Enterprises, Inc.	052 - OCLF Lcht Tks 1-5	9/16/2024	01-00015299	0	6125.00	25.54	25.54	0.00
772 - TAM Enterprises, Inc.	052 - OCLF Lcht Tks 1-5	9/19/2024	01-00015917	0	4647.00	19.38	19.38	0.00
772 - TAM Enterprises, Inc.	052 - OCLF Lcht Tks 1-5	9/19/2024	01-00015994	0	6170.00	25.73	25.73	0.00
772 - TAM Enterprises, Inc.	052 - OCLF Lcht Tks 1-5	9/19/2024	01-00016090	0	4652.00	19.40	19.40	0.00
772 - TAM Enterprises, Inc.	052 - OCLF Lcht Tks 1-5	9/23/2024	01-00016730	0	5624.00	23.45	23.45	0.00
772 - TAM Enterprises, Inc.	052 - OCLF Lcht Tks 1-5	9/24/2024	01-00017065	0	6451.00	26.90	26.90	0.00
772 - TAM Enterprises, Inc.	052 - OCLF Lcht Tks 1-5	9/30/2024	01-00018070	0	6110.00	25.48	25.48	0.00
772 - TAM Enterprises, Inc.	052 - OCLF Lcht Tks 1-5	10/7/2024	01-00019591	0	6177.00	25.76	25.76	0.00
772 - TAM Enterprises, Inc.	052 - OCLF Lcht Tks 1-5	7/1/2024	01-00000103	0	0.00	21.24	21.24	0.00
772 - TAM Enterprises, Inc.	052 - OCLF Lcht Tks 1-5	7/8/2024	01-00001612	0	0.00	27.80	27.80	0.00
772 - TAM Enterprises, Inc.	052 - OCLF Lcht Tks 1-5	7/1/2024	01-00003461	0	0.00	(21.24)	-21.24	0.00
772 - TAM Enterprises, Inc.	052 - OCLF Lcht Tks 1-5	7/1/2024	01-00003463	0	5094.00	21.24	21.24	0.00
772 - TAM Enterprises, Inc.	052 - OCLF Lcht Tks 1-5	7/8/2024	01-00003464	0	0.00	(27.80)	-27.80	0.00
772 - TAM Enterprises, Inc.	052 - OCLF Lcht Tks 1-5	7/8/2024	01-00003465	0	6667.00	27.80	27.80	0.00
772 - TAM Enterprises, Inc.	052 - OCLF Lcht Tks 1-5	7/29/2024	01-00005645	0	6189.00	25.81	25.81	0.00
772 - TAM Enterprises, Inc.	052 - OCLF Lcht Tks 1-5	8/6/2024	01-00007354	0	6149.00	25.64	25.64	0.00
772 - TAM Enterprises, Inc.	052 - OCLF Lcht Tks 1-5	8/12/2024	01-00008259	0	1753.00	7.31	7.31	0.00
772 - TAM Enterprises, Inc.	052 - OCLF Lcht Tks 1-5	8/12/2024	01-00008356	0	6400.00	26.69	26.69	0.00
772 - TAM Enterprises, Inc.	052 - OCLF Lcht Tks 1-5	8/19/2024	01-00009643	0	5954.00	24.83	24.83	0.00
772 - TAM Enterprises, Inc.	052 - OCLF Lcht Tks 1-5	8/28/2024	01-00011492	0	6379.00	26.60	26.60	0.00
772 - TAM Enterprises, Inc.	052 - OCLF Lcht Tks 1-5	10/15/2024	01-00020862	0	971.00	4.05	4.05	0.00
772 - TAM Enterprises, Inc.	052 - OCLF Lcht Tks 1-5	10/21/2024	01-00022013	0	6149.00	25.64	25.64	0.00
772 - TAM Enterprises, Inc.	052 - OCLF Lcht Tks 1-5	10/28/2024	01-00023392	0	4679.00	19.51	19.51	0.00
772 - TAM Enterprises, Inc.	052 - OCLF Lcht Tks 1-5	10/28/2024	01-00023561	0	5480.00	22.85	22.85	0.00
772 - TAM Enterprises, Inc.	052 - OCLF Lcht Tks 1-5	11/4/2024	01-00024788	0	6168.00	25.72	25.72	0.00
772 - TAM Enterprises, Inc.	052 - OCLF Lcht Tks 1-5	11/12/2024	01-00026416	0	2600.00	10.84	10.84	0.00
772 - TAM Enterprises, Inc.	052 - OCLF Lcht Tks 1-5	11/12/2024	01-00026471	0	3501.00	14.60	14.60	0.00
772 - TAM Enterprises, Inc.	052 - OCLF Lcht Tks 1-5	11/25/2024	01-00028923	0	530.00	2.21	2.21	0.00
772 - TAM Enterprises, Inc.	052 - OCLF Lcht Tks 1-5	12/18/2024	01-00032827	0	2976.00	12.41	12.41	0.00
	052 - OCLF Lcht Tks 1-5 Total		**31**	**0**	**134996.00**	**562.93**	**562.93**	**0.00**
Account:772 - TAM Enterprises, Inc. Total			**31**	**0**	**134996.00**	**562.93**	**562.93**	**0.00**

Material Analysis Report by Customer then Material

Materials for the period 07/01/2024 - 12/31/2024

Unknown Report for Sites: 1, 2, 3, 4

Accounts 0 - 999999 Customer Types: ____ - Z Materials 050 - 053 Material Types ____ - ZZ

Report Total	**31**	**0**	**134996.00**	**562.93**	**562.93**	**0.00**

Accompanying Notes to "Material Analysis Report"

Date Range: 07/01/2024 - 12/31/2024

O.C. Sites This Report Covers: Orange County Transfer Station #1 (OCTS#1) & Orange County Landfill (OCLF).

Please Note: Starting 07/01/2024, a new Scale Management Software was implemented. Therefore, material codes and accompanying material descriptions were updated. (As Shown below.)

Material Code Key:

- Code 050 Refers to the OCTS#1 Maintenance Shop Floor Drain Collection Tank
- Code 051 Refers to the OCLF Condensate Tanks (Leachate)
- Code 052 Refers to the OCLF Leachate Collection Tanks #1-5
- Code 053 Refers to the OCLF Seep Remediation Collection Tank (Tank #6)

Material Analysis Report by Customer then Material

Materials for the period 01/01/2025 - 05/31/2025

Unknown Report for Sites: 1, 2, 3, 4

Accounts 0 - 999999 Customer Types: ____ - Z Materials 050 - 053 Material Types ____ - ZZ

Customer	Material	Date	Tickets	Count	Act. Vol.	Est. Wt.	Actual Wt.	Charge
601 - OC Transfer Station #1	052 - OCLF Lcht Tks 1-5	4/7/2025	01-00050074	0	2309.00	9.63	9.63	0.00
601 - OC Transfer Station #1	052 - OCLF Lcht Tks 1-5	4/7/2025	01-00062727	0	-2309.00	(9.63)	-9.63	0.00
	052 - OCLF Lcht Tks 1-5 Total		**2**	**0**	**0.00**	**0.00**	**0.00**	**0.00**
Account:601 - OC Transfer Station #1 Total			**2**	**0**	**0.00**	**0.00**	**0.00**	**0.00**
772 - TAM Enterprises, Inc.	052 - OCLF Lcht Tks 1-5	1/13/2025	01-00036612	0	573.00	2.39	2.39	0.00
772 - TAM Enterprises, Inc.	052 - OCLF Lcht Tks 1-5	1/21/2025	01-00037737	0	1602.00	6.68	6.68	0.00
772 - TAM Enterprises, Inc.	052 - OCLF Lcht Tks 1-5	2/3/2025	01-00039492	0	1319.00	5.50	5.50	0.00
772 - TAM Enterprises, Inc.	052 - OCLF Lcht Tks 1-5	2/18/2025	01-00041173	0	5247.00	21.88	21.88	0.00
772 - TAM Enterprises, Inc.	052 - OCLF Lcht Tks 1-5	2/24/2025	01-00042055	0	4868.00	20.30	20.30	0.00
772 - TAM Enterprises, Inc.	052 - OCLF Lcht Tks 1-5	3/3/2025	01-00043360	0	4671.00	19.48	19.48	0.00
772 - TAM Enterprises, Inc.	052 - OCLF Lcht Tks 1-5	3/17/2025	01-00046089	0	3029.00	12.63	12.63	0.00
772 - TAM Enterprises, Inc.	052 - OCLF Lcht Tks 1-5	3/24/2025	01-00047240	0	5686.00	23.71	23.71	0.00
772 - TAM Enterprises, Inc.	052 - OCLF Lcht Tks 1-5	3/31/2025	01-00048637	0	3904.00	16.28	16.28	0.00
772 - TAM Enterprises, Inc.	052 - OCLF Lcht Tks 1-5	4/7/2025	01-00050159	0	3844.00	16.03	16.03	0.00
772 - TAM Enterprises, Inc.	052 - OCLF Lcht Tks 1-5	4/14/2025	01-00051319	0	6153.00	25.66	25.66	0.00
772 - TAM Enterprises, Inc.	052 - OCLF Lcht Tks 1-5	4/21/2025	01-00052739	0	2652.00	11.06	11.06	0.00
772 - TAM Enterprises, Inc.	052 - OCLF Lcht Tks 1-5	4/28/2025	01-00054309	0	6115.00	25.50	25.50	0.00
772 - TAM Enterprises, Inc.	052 - OCLF Lcht Tks 1-5	4/28/2025	01-00054391	0	6086.00	25.38	25.38	0.00
772 - TAM Enterprises, Inc.	052 - OCLF Lcht Tks 1-5	4/29/2025	01-00054868	0	5134.00	21.41	21.41	0.00
772 - TAM Enterprises, Inc.	052 - OCLF Lcht Tks 1-5	4/29/2025	01-00054866	0	5662.00	23.61	23.61	0.00
772 - TAM Enterprises, Inc.	052 - OCLF Lcht Tks 1-5	5/5/2025	01-00055933	0	3700.00	15.43	15.43	0.00
772 - TAM Enterprises, Inc.	052 - OCLF Lcht Tks 1-5	5/5/2025	01-00056012	0	6082.00	25.36	25.36	0.00
772 - TAM Enterprises, Inc.	052 - OCLF Lcht Tks 1-5	5/6/2025	01-00056265	0	5799.00	24.18	24.18	0.00
772 - TAM Enterprises, Inc.	052 - OCLF Lcht Tks 1-5	5/6/2025	01-00056364	0	6067.00	25.30	25.30	0.00
772 - TAM Enterprises, Inc.	052 - OCLF Lcht Tks 1-5	5/12/2025	01-00057171	0	6070.00	25.31	25.31	0.00
772 - TAM Enterprises, Inc.	052 - OCLF Lcht Tks 1-5	5/12/2025	01-00057235	0	6122.00	25.53	25.53	0.00
772 - TAM Enterprises, Inc.	052 - OCLF Lcht Tks 1-5	5/13/2025	01-00057472	0	6103.00	25.45	25.45	0.00
772 - TAM Enterprises, Inc.	052 - OCLF Lcht Tks 1-5	5/13/2025	01-00057536	0	6187.00	25.80	25.80	0.00
772 - TAM Enterprises, Inc.	052 - OCLF Lcht Tks 1-5	5/19/2025	01-00058691	0	6156.00	25.67	25.67	0.00
772 - TAM Enterprises, Inc.	052 - OCLF Lcht Tks 1-5	5/19/2025	01-00058782	0	6165.00	25.71	25.71	0.00
772 - TAM Enterprises, Inc.	052 - OCLF Lcht Tks 1-5	5/20/2025	01-00059054	0	6182.00	25.78	25.78	0.00

Material Analysis Report by Customer then Material

Materials for the period 01/01/2025 - 05/31/2025

Unknown Report for Sites: 1, 2, 3, 4

Accounts 0 - 999999 Customer Types: ____ - Z Materials 050 - 053 Material Types ____ - ZZ

Customer	Material	Date	Tickets	Count	Act. Vol.	Est. Wt.	Actual Wt.	Charge
772 - TAM Enterprises, Inc.	052 - OCLF Lcht Tks 1-5	5/27/2025	01-00060276	0	6082.00	25.36	25.36	0.00
772 - TAM Enterprises, Inc.	052 - OCLF Lcht Tks 1-5	5/27/2025	01-00060388	0	6146.00	25.63	25.63	0.00
772 - TAM Enterprises, Inc.	052 - OCLF Lcht Tks 1-5	5/28/2025	01-00060547	0	3837.00	16.00	16.00	0.00
772 - TAM Enterprises, Inc.	052 - OCLF Lcht Tks 1-5	5/28/2025	01-00060639	0	6065.00	25.29	25.29	0.00
	052 - OCLF Lcht Tks 1-5 Total		**31**	**0**	**153308.00**	**639.30**	**639.30**	**0.00**
772 - TAM Enterprises, Inc.	053 - OCLF Leachate Tank 6	3/24/2025	01-00047264	0	770.00	3.21	3.21	0.00
	053 - OCLF Leachate Tank 6 Total		**1**	**0**	**770.00**	**3.21**	**3.21**	**0.00**
Account:772 - TAM Enterprises, Inc. Total			**32**	**0**	**154078.00**	**642.51**	**642.51**	**0.00**
Report Total			**34**	**0**	**154078.00**	**642.51**	**642.51**	**0.00**

Accompanying Notes to "Material Analysis Report"

Date Range: 01/01/2025 - 05/31/2025

O.C. Sites This Report Covers: Orange County Transfer Station #1 (OCTS#1) & Orange County Landfill (OCLF).

Please Note: Starting 07/01/2024, a new Scale Management Software was implemented. Therefore, material codes and accompanying material descriptions were updated. (As Shown below.)

Material Code Key:

- Code 050 Refers to the OCTS#1 Maintenance Shop Floor Drain Collection Tank
- Code 051 Refers to the OCLF Condensate Tanks (Leachate)
- Code 052 Refers to the OCLF Leachate Collection Tanks #1-5
- Code 053 Refers to the OCLF Seep Remediation Collection Tank (Tank #6)

APPENDIX C

NYSDEC INSTITUTIONAL AND ENGINEERING CONTROLS 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. **336007**

Site Name Orange County Landfill

Site Address: Route 17M Zip Code: 10924
City/Town: Goshen
County: Orange
Site Acreage: 75.000

Reporting Period: May 31, 2022 to May 31, 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? Closed Landfill	☒	☐
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

SITE NO. 336007 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
16-1-1.1	O. C. Dept. Envrion. Facilities Services	Ground Water Use Restriction Landuse Restriction Building Use Restriction Site Management Plan Monitoring Plan O&M Plan IC/EC Plan

This is a municipal landfill that has been capped under Title 3, with leachate collection. Landfill gas collection and control is no longer required per Division of Air Resources. Periodic groundwater monitoring and inspections and reporting in accordance with June 6, 2014 SMP are required.

The Department concluded seeps along the Cheechunk Canal are leachate and Orange County was notified in a letter dated 11/25/13. Orangs County and their consultant, Sterling Envionmental, have been investigating this matter. Also, the Department has drafted an Order on Consent that will require the following items to be submitted between the beginning of Decemeber 2014 and the end of January 2015: Long Term Seep Evaluation Report, Expedited IRM Work Plan, Long Term Seep Elimination Feasibility Study, and Supplemental Sediment Investigation Work Plan.

Box 4

Description of Engineering Controls

Parcel	Engineering Control
16-1-1.1	Cover System Leachate Collection

Landfill Cap
Leachate collection
Gas collection - no longer active
Monitoring wells

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. 336007

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 Robert J. Gray, P.E. (print name) at 2455-2459 Route 17M, P.O. Box 637, Goshen, NY 10924 (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

6/26/25
Date

EC CERTIFICATIONS

Box 7

Professional Engineer Signature

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

I Andrew M. Millspaugh, P.E. at 24 Wade Road, Latham, New York 12110,
print name print business address

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

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

Stamp (Required for PE)

06/27/2025
Date

APPENDIX D

ANALYTICAL REPORTS

ANALYTICAL REPORT

Lab Number:	L2533302
Client:	Sterling Environmental Engineering 24 Wade Road Latham, NY 12110
ATTN:	Andrew Millspaugh
Phone:	(518) 456-4900
Project Name:	ORANGE COUNTY LANDFILL
Project Number:	2025-38
Report Date:	06/25/25

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).

Project Name: ORANGE COUNTY LANDFILL
Project Number: 2025-38

Lab Number: L2533302
Report Date: 06/25/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2533302-01	MW-3B	WATER	GOSHEN, NY	05/28/25 13:30	05/28/25
L2533302-02	MW-220	WATER	GOSHEN, NY	05/28/25 14:30	05/28/25
L2533302-03	MW-233S	WATER	GOSHEN, NY	05/28/25 10:10	05/28/25
L2533302-04	MW-233D	WATER	GOSHEN, NY	05/28/25 11:20	05/28/25
L2533302-05	PZ-4	WATER	GOSHEN, NY	05/28/25 12:15	05/28/25
L2533302-06	SW-5	WATER	GOSHEN, NY	05/28/25 12:30	05/28/25
L2533302-07	SW-8	WATER	GOSHEN, NY	05/28/25 13:50	05/28/25
L2533302-08	SW-13	WATER	GOSHEN, NY	05/28/25 15:00	05/28/25
L2533302-09	DUP052825	WATER	GOSHEN, NY	05/28/25 00:00	05/28/25

Project Name:	ORANGE COUNTY LANDFILL	**Lab Number:**	L2533302
Project Number:	2025-38	**Report Date:**	06/25/25

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:	ORANGE COUNTY LANDFILL	**Lab Number:**	L2533302
Project Number:	2025-38	**Report Date:**	06/25/25

Case Narrative (continued)

Report Submission

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

The analysis of BOD was subcontracted. A copy of the laboratory report is included as an addendum. Please note: This data is only available in PDF format and is not available on Data Merger.

Total Metals

The WG2075510-3 MS recoveries performed on L2533302-03 do not apply for calcium (190%) and hardness (150%) because the sample concentrations are greater than four times the spike amounts added.
The WG2075510-3 MS recovery performed on L2533302-03 is outside the acceptance criteria for magnesium (129%). A post digestion spike was performed and was within acceptance criteria.

Nitrogen, Total Kjeldahl

L2533302-03: The sample has an elevated detection limit due to the dilution required by the sample matrix.

Nitrogen, Nitrate

The WG2072877-4 MS recovery performed on L2533302-03 is outside the acceptance criteria for nitrogen, nitrate (75%); however, the associated LCS recovery is within criteria. No further action was taken.

Anions by Ion Chromatography

The WG2076113-3/-4 MS/MSD recoveries performed on L2533302-03 are outside the acceptance criteria for sulfate (64%/66%), and bromide (72%/80%); however, the associated LCS recoveries are within criteria. No further action was taken.

Total Organic Carbon

The WG2075570-4 MS recovery performed on L2533302-02 is outside the acceptance criteria for total organic

Project Name:	ORANGE COUNTY LANDFILL	**Lab Number:**	L2533302
Project Number:	2025-38	**Report Date:**	06/25/25

Case Narrative (continued)

carbon (118%); however, the associated LCS recovery is within criteria. No further action was taken.

Alkalinity, Total

The WG2076557-4 MS recovery performed on L2533302-03 is outside the acceptance criteria for alkalinity, total (48%); however, the associated LCS recovery is within criteria. No further action was taken.

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

Authorized Signature: Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative Date: 06/25/25

METALS

Project Name: ORANGE COUNTY LANDFILL
Lab Number: L2533302
Project Number: 2025-38
Report Date: 06/25/25

SAMPLE RESULTS

Lab ID: L2533302-01
Client ID: MW-3B
Sample Location: GOSHEN, NY
Date Collected: 05/28/25 13:30
Date Received: 05/28/25
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	0.04171		mg/l	0.00050	0.00016	1	06/05/25 19:34	06/18/25 22:08	EPA 3005A	1,6020B	BLR
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	06/05/25 19:34	06/18/25 22:08	EPA 3005A	1,6020B	BLR
Calcium, Total	127.		mg/l	0.100	0.0394	1	06/05/25 19:34	06/18/25 22:08	EPA 3005A	1,6020B	BLR
Iron, Total	1.38		mg/l	0.0500	0.0191	1	06/05/25 19:34	06/18/25 22:08	EPA 3005A	1,6020B	BLR
Lead, Total	0.00045	J	mg/l	0.00100	0.00034	1	06/05/25 19:34	06/18/25 22:08	EPA 3005A	1,6020B	BLR
Magnesium, Total	30.9		mg/l	0.0700	0.0242	1	06/05/25 19:34	06/18/25 22:08	EPA 3005A	1,6020B	BLR
Manganese, Total	0.8464		mg/l	0.00100	0.00044	1	06/05/25 19:34	06/18/25 22:08	EPA 3005A	1,6020B	BLR
Potassium, Total	5.81		mg/l	0.100	0.0309	1	06/05/25 19:34	06/18/25 22:08	EPA 3005A	1,6020B	BLR
Sodium, Total	38.2		mg/l	0.500	0.0293	1	06/05/25 19:34	06/18/25 22:08	EPA 3005A	1,6020B	BLR
Total Hardness (by calculation) - Mansfield Lab											
Hardness	444.7		mg/l	0.5400	NA	1	06/05/25 19:34	06/18/25 22:08	EPA 3005A	1,6020B	BLR

Project Name: ORANGE COUNTY LANDFILL
Lab Number: L2533302
Project Number: 2025-38
Report Date: 06/25/25

SAMPLE RESULTS

Lab ID: L2533302-02
Client ID: MW-220
Sample Location: GOSHEN, NY
Date Collected: 05/28/25 14:30
Date Received: 05/28/25
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	0.07095		mg/l	0.00050	0.00016	1	06/05/25 19:34	06/18/25 22:13	EPA 3005A	1,6020B	BLR
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	06/05/25 19:34	06/18/25 22:13	EPA 3005A	1,6020B	BLR
Calcium, Total	161.		mg/l	0.100	0.0394	1	06/05/25 19:34	06/18/25 22:13	EPA 3005A	1,6020B	BLR
Iron, Total	5.28		mg/l	0.0500	0.0191	1	06/05/25 19:34	06/18/25 22:13	EPA 3005A	1,6020B	BLR
Lead, Total	0.00151		mg/l	0.00100	0.00034	1	06/05/25 19:34	06/18/25 22:13	EPA 3005A	1,6020B	BLR
Magnesium, Total	38.3		mg/l	0.0700	0.0242	1	06/05/25 19:34	06/18/25 22:13	EPA 3005A	1,6020B	BLR
Manganese, Total	0.7737		mg/l	0.00100	0.00044	1	06/05/25 19:34	06/18/25 22:13	EPA 3005A	1,6020B	BLR
Potassium, Total	3.01		mg/l	0.100	0.0309	1	06/05/25 19:34	06/18/25 22:13	EPA 3005A	1,6020B	BLR
Sodium, Total	13.4		mg/l	0.500	0.0293	1	06/05/25 19:34	06/18/25 22:13	EPA 3005A	1,6020B	BLR
Total Hardness (by calculation) - Mansfield Lab											
Hardness	559.8		mg/l	0.5400	NA	1	06/05/25 19:34	06/18/25 22:13	EPA 3005A	1,6020B	BLR

Project Name: ORANGE COUNTY LANDFILL **Lab Number:** L2533302

Project Number: 2025-38 **Report Date:** 06/25/25

SAMPLE RESULTS

Lab ID: L2533302-03 Date Collected: 05/28/25 10:10

Client ID: MW-233S Date Received: 05/28/25

Sample Location: GOSHEN, 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	0.00045	J	mg/l	0.00050	0.00016	1	06/05/25 19:34	06/06/25 08:19	EPA 3005A	1,6020B	BLR
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	06/05/25 19:34	06/06/25 08:19	EPA 3005A	1,6020B	BLR
Calcium, Total	119.		mg/l	0.100	0.0394	1	06/05/25 19:34	06/06/25 08:19	EPA 3005A	1,6020B	BLR
Iron, Total	ND		mg/l	0.0500	0.0191	1	06/05/25 19:34	06/06/25 08:19	EPA 3005A	1,6020B	BLR
Lead, Total	ND		mg/l	0.00100	0.00034	1	06/05/25 19:34	06/06/25 08:19	EPA 3005A	1,6020B	BLR
Magnesium, Total	28.8		mg/l	0.0700	0.0242	1	06/05/25 19:34	06/06/25 08:19	EPA 3005A	1,6020B	BLR
Manganese, Total	0.1817		mg/l	0.00100	0.00044	1	06/05/25 19:34	06/06/25 08:19	EPA 3005A	1,6020B	BLR
Potassium, Total	1.65		mg/l	0.100	0.0309	1	06/05/25 19:34	06/06/25 08:19	EPA 3005A	1,6020B	BLR
Sodium, Total	1.29		mg/l	0.500	0.0293	1	06/05/25 19:34	06/06/25 08:19	EPA 3005A	1,6020B	BLR
Total Hardness (by calculation) - Mansfield Lab											
Hardness	416.0		mg/l	0.5400	NA	1	06/05/25 19:34	06/06/25 08:19	EPA 3005A	1,6020B	BLR

Project Name: ORANGE COUNTY LANDFILL
Lab Number: L2533302
Project Number: 2025-38
Report Date: 06/25/25

SAMPLE RESULTS

Lab ID: L2533302-04
Client ID: MW-233D
Sample Location: GOSHEN, NY
Date Collected: 05/28/25 11:20
Date Received: 05/28/25
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	0.00085		mg/l	0.00050	0.00016	1	06/06/25 14:18	06/18/25 19:43	EPA 3005A	1,6020B	BLR
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	06/06/25 14:18	06/18/25 19:43	EPA 3005A	1,6020B	BLR
Calcium, Total	53.3		mg/l	0.100	0.0394	1	06/06/25 14:18	06/18/25 19:43	EPA 3005A	1,6020B	BLR
Iron, Total	0.155		mg/l	0.0500	0.0191	1	06/06/25 14:18	06/18/25 19:43	EPA 3005A	1,6020B	BLR
Lead, Total	0.00155		mg/l	0.00100	0.00034	1	06/06/25 14:18	06/18/25 19:43	EPA 3005A	1,6020B	BLR
Magnesium, Total	16.6		mg/l	0.0700	0.0242	1	06/06/25 14:18	06/18/25 19:43	EPA 3005A	1,6020B	BLR
Manganese, Total	0.04832		mg/l	0.00100	0.00044	1	06/06/25 14:18	06/18/25 19:43	EPA 3005A	1,6020B	BLR
Potassium, Total	1.84		mg/l	0.100	0.0309	1	06/06/25 14:18	06/18/25 19:43	EPA 3005A	1,6020B	BLR
Sodium, Total	95.4		mg/l	0.500	0.0293	1	06/06/25 14:18	06/18/25 19:43	EPA 3005A	1,6020B	BLR
Total Hardness (by calculation) - Mansfield Lab											
Hardness	201.4		mg/l	0.5400	NA	1	06/06/25 14:18	06/18/25 19:43	EPA 3005A	1,6020B	BLR

Project Name: ORANGE COUNTY LANDFILL
Lab Number: L2533302
Project Number: 2025-38
Report Date: 06/25/25

SAMPLE RESULTS

Lab ID: L2533302-05
Client ID: PZ-4
Sample Location: GOSHEN, NY
Date Collected: 05/28/25 12:15
Date Received: 05/28/25
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	0.03908		mg/l	0.00050	0.00016	1	06/06/25 14:18	06/18/25 19:47	EPA 3005A	1,6020B	BLR
Cadmium, Total	0.00010	J	mg/l	0.00020	0.00005	1	06/06/25 14:18	06/18/25 19:47	EPA 3005A	1,6020B	BLR
Calcium, Total	186.		mg/l	0.100	0.0394	1	06/06/25 14:18	06/18/25 19:47	EPA 3005A	1,6020B	BLR
Iron, Total	14.7		mg/l	0.0500	0.0191	1	06/06/25 14:18	06/18/25 19:47	EPA 3005A	1,6020B	BLR
Lead, Total	0.01102		mg/l	0.00100	0.00034	1	06/06/25 14:18	06/18/25 19:47	EPA 3005A	1,6020B	BLR
Magnesium, Total	44.2		mg/l	0.0700	0.0242	1	06/06/25 14:18	06/18/25 19:47	EPA 3005A	1,6020B	BLR
Manganese, Total	1.225		mg/l	0.00100	0.00044	1	06/06/25 14:18	06/18/25 19:47	EPA 3005A	1,6020B	BLR
Potassium, Total	3.95		mg/l	0.100	0.0309	1	06/06/25 14:18	06/18/25 19:47	EPA 3005A	1,6020B	BLR
Sodium, Total	26.4		mg/l	0.500	0.0293	1	06/06/25 14:18	06/18/25 19:47	EPA 3005A	1,6020B	BLR
Total Hardness (by calculation) - Mansfield Lab											
Hardness	647.6		mg/l	0.5400	NA	1	06/06/25 14:18	06/18/25 19:47	EPA 3005A	1,6020B	BLR

Project Name: ORANGE COUNTY LANDFILL
Lab Number: L2533302
Project Number: 2025-38
Report Date: 06/25/25

SAMPLE RESULTS

Lab ID: L2533302-06
Client ID: SW-5
Sample Location: GOSHEN, NY
Date Collected: 05/28/25 12:30
Date Received: 05/28/25
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	0.00114		mg/l	0.00050	0.00016	1	06/06/25 14:18	06/18/25 19:52	EPA 3005A	1,6020B	BLR
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	06/06/25 14:18	06/18/25 19:52	EPA 3005A	1,6020B	BLR
Calcium, Total	35.8		mg/l	0.100	0.0394	1	06/06/25 14:18	06/18/25 19:52	EPA 3005A	1,6020B	BLR
Iron, Total	0.916		mg/l	0.0500	0.0191	1	06/06/25 14:18	06/18/25 19:52	EPA 3005A	1,6020B	BLR
Lead, Total	0.00096	J	mg/l	0.00100	0.00034	1	06/06/25 14:18	06/18/25 19:52	EPA 3005A	1,6020B	BLR
Magnesium, Total	10.6		mg/l	0.0700	0.0242	1	06/06/25 14:18	06/18/25 19:52	EPA 3005A	1,6020B	BLR
Manganese, Total	0.09944		mg/l	0.00100	0.00044	1	06/06/25 14:18	06/18/25 19:52	EPA 3005A	1,6020B	BLR
Potassium, Total	1.32		mg/l	0.100	0.0309	1	06/06/25 14:18	06/18/25 19:52	EPA 3005A	1,6020B	BLR
Sodium, Total	31.5		mg/l	0.500	0.0293	1	06/06/25 14:18	06/18/25 19:52	EPA 3005A	1,6020B	BLR
Total Hardness (by calculation) - Mansfield Lab											
Hardness	133.0		mg/l	0.5400	NA	1	06/06/25 14:18	06/18/25 19:52	EPA 3005A	1,6020B	BLR

Project Name: ORANGE COUNTY LANDFILL
Lab Number: L2533302
Project Number: 2025-38
Report Date: 06/25/25

SAMPLE RESULTS

Lab ID: L2533302-07
Client ID: SW-8
Sample Location: GOSHEN, NY
Date Collected: 05/28/25 13:50
Date Received: 05/28/25
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	0.00147		mg/l	0.00050	0.00016	1	06/06/25 14:18	06/18/25 19:56	EPA 3005A	1,6020B	BLR
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	06/06/25 14:18	06/18/25 19:56	EPA 3005A	1,6020B	BLR
Calcium, Total	37.5		mg/l	0.100	0.0394	1	06/06/25 14:18	06/18/25 19:56	EPA 3005A	1,6020B	BLR
Iron, Total	1.80		mg/l	0.0500	0.0191	1	06/06/25 14:18	06/18/25 19:56	EPA 3005A	1,6020B	BLR
Lead, Total	0.00208		mg/l	0.00100	0.00034	1	06/06/25 14:18	06/18/25 19:56	EPA 3005A	1,6020B	BLR
Magnesium, Total	11.0		mg/l	0.0700	0.0242	1	06/06/25 14:18	06/18/25 19:56	EPA 3005A	1,6020B	BLR
Manganese, Total	0.1851		mg/l	0.00100	0.00044	1	06/06/25 14:18	06/18/25 19:56	EPA 3005A	1,6020B	BLR
Potassium, Total	1.40		mg/l	0.100	0.0309	1	06/06/25 14:18	06/18/25 19:56	EPA 3005A	1,6020B	BLR
Sodium, Total	31.8		mg/l	0.500	0.0293	1	06/06/25 14:18	06/18/25 19:56	EPA 3005A	1,6020B	BLR
Total Hardness (by calculation) - Mansfield Lab											
Hardness	138.8		mg/l	0.5400	NA	1	06/06/25 14:18	06/18/25 19:56	EPA 3005A	1,6020B	BLR

Project Name: ORANGE COUNTY LANDFILL
Lab Number: L2533302
Project Number: 2025-38
Report Date: 06/25/25

SAMPLE RESULTS

Lab ID: L2533302-08
Client ID: SW-13
Sample Location: GOSHEN, NY
Date Collected: 05/28/25 15:00
Date Received: 05/28/25
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	0.00112		mg/l	0.00050	0.00016	1	06/06/25 14:18	06/18/25 20:12	EPA 3005A	1,6020B	BLR
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	06/06/25 14:18	06/18/25 20:12	EPA 3005A	1,6020B	BLR
Calcium, Total	37.6		mg/l	0.100	0.0394	1	06/06/25 14:18	06/18/25 20:12	EPA 3005A	1,6020B	BLR
Iron, Total	0.935		mg/l	0.0500	0.0191	1	06/06/25 14:18	06/18/25 20:12	EPA 3005A	1,6020B	BLR
Lead, Total	0.00100		mg/l	0.00100	0.00034	1	06/06/25 14:18	06/18/25 20:12	EPA 3005A	1,6020B	BLR
Magnesium, Total	11.0		mg/l	0.0700	0.0242	1	06/06/25 14:18	06/18/25 20:12	EPA 3005A	1,6020B	BLR
Manganese, Total	0.1012		mg/l	0.00100	0.00044	1	06/06/25 14:18	06/18/25 20:12	EPA 3005A	1,6020B	BLR
Potassium, Total	1.37		mg/l	0.100	0.0309	1	06/06/25 14:18	06/18/25 20:12	EPA 3005A	1,6020B	BLR
Sodium, Total	33.0		mg/l	0.500	0.0293	1	06/06/25 14:18	06/18/25 20:12	EPA 3005A	1,6020B	BLR
Total Hardness (by calculation) - Mansfield Lab											
Hardness	139.2		mg/l	0.5400	NA	1	06/06/25 14:18	06/18/25 20:12	EPA 3005A	1,6020B	BLR

Project Name: ORANGE COUNTY LANDFILL
Lab Number: L2533302
Project Number: 2025-38
Report Date: 06/25/25

SAMPLE RESULTS

Lab ID: L2533302-09
Client ID: DUP052825
Sample Location: GOSHEN, NY
Date Collected: 05/28/25 00:00
Date Received: 05/28/25
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	0.03833		mg/l	0.00050	0.00016	1	06/06/25 14:18	06/18/25 20:16	EPA 3005A	1,6020B	BLR
Cadmium, Total	0.00010	J	mg/l	0.00020	0.00005	1	06/06/25 14:18	06/18/25 20:16	EPA 3005A	1,6020B	BLR
Calcium, Total	188.		mg/l	0.100	0.0394	1	06/06/25 14:18	06/18/25 20:16	EPA 3005A	1,6020B	BLR
Iron, Total	12.0		mg/l	0.0500	0.0191	1	06/06/25 14:18	06/18/25 20:16	EPA 3005A	1,6020B	BLR
Lead, Total	0.01063		mg/l	0.00100	0.00034	1	06/06/25 14:18	06/18/25 20:16	EPA 3005A	1,6020B	BLR
Magnesium, Total	44.2		mg/l	0.0700	0.0242	1	06/06/25 14:18	06/18/25 20:16	EPA 3005A	1,6020B	BLR
Manganese, Total	1.222		mg/l	0.00100	0.00044	1	06/06/25 14:18	06/18/25 20:16	EPA 3005A	1,6020B	BLR
Potassium, Total	3.76		mg/l	0.100	0.0309	1	06/06/25 14:18	06/18/25 20:16	EPA 3005A	1,6020B	BLR
Sodium, Total	25.9		mg/l	0.500	0.0293	1	06/06/25 14:18	06/18/25 20:16	EPA 3005A	1,6020B	BLR
Total Hardness (by calculation) - Mansfield Lab											
Hardness	652.6		mg/l	0.5400	NA	1	06/06/25 14:18	06/18/25 20:16	EPA 3005A	1,6020B	BLR

Project Name: ORANGE COUNTY LANDFILL **Lab Number:** L2533302

Project Number: 2025-38 **Report Date:** 06/25/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-03 Batch: WG2075510-1										
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	06/05/25 19:34	06/06/25 08:09	1,6020B	BLR
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	06/05/25 19:34	06/06/25 08:09	1,6020B	BLR
Calcium, Total	ND		mg/l	0.100	0.0394	1	06/05/25 19:34	06/06/25 08:09	1,6020B	BLR
Iron, Total	ND		mg/l	0.0500	0.0191	1	06/05/25 19:34	06/06/25 08:09	1,6020B	BLR
Lead, Total	ND		mg/l	0.00100	0.00034	1	06/05/25 19:34	06/06/25 08:09	1,6020B	BLR
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	06/05/25 19:34	06/06/25 08:09	1,6020B	BLR
Manganese, Total	ND		mg/l	0.00100	0.00044	1	06/05/25 19:34	06/06/25 08:09	1,6020B	BLR
Potassium, Total	ND		mg/l	0.100	0.0309	1	06/05/25 19:34	06/06/25 08:09	1,6020B	BLR
Sodium, Total	ND		mg/l	0.500	0.0293	1	06/05/25 19:34	06/06/25 08:09	1,6020B	BLR

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Hardness (by calculation) - Mansfield Lab for sample(s): 01-03 Batch: WG2075510-1										
Hardness	ND		mg/l	0.5400	NA	1	06/05/25 19:34	06/06/25 08:09	1,6020B	BLR

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): 04-09 Batch: WG2075752-1										
Arsenic, Total	0.00020	J	mg/l	0.00050	0.00016	1	06/06/25 14:18	06/09/25 09:05	1,6020B	BLR
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	06/06/25 14:18	06/09/25 09:05	1,6020B	BLR
Calcium, Total	ND		mg/l	0.100	0.0394	1	06/06/25 14:18	06/09/25 09:05	1,6020B	BLR
Iron, Total	ND		mg/l	0.0500	0.0191	1	06/06/25 14:18	06/09/25 09:05	1,6020B	BLR
Lead, Total	ND		mg/l	0.00100	0.00034	1	06/06/25 14:18	06/09/25 09:05	1,6020B	BLR
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	06/06/25 14:18	06/09/25 09:05	1,6020B	BLR
Manganese, Total	ND		mg/l	0.00100	0.00044	1	06/06/25 14:18	06/09/25 09:05	1,6020B	BLR

Project Name: ORANGE COUNTY LANDFILL **Lab Number:** L2533302

Project Number: 2025-38 **Report Date:** 06/25/25

Method Blank Analysis
Batch Quality Control

Potassium, Total	ND		mg/l	0.100	0.0309	1	06/06/25 14:18	06/09/25 09:05	1,6020B	BLR
Sodium, Total	0.0407	J	mg/l	0.500	0.0293	1	06/06/25 14:18	06/09/25 09:05	1,6020B	BLR

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Hardness (by calculation) - Mansfield Lab for sample(s): 04-09 Batch: WG2075752-1										
Hardness	ND		mg/l	0.5400	NA	1	06/06/25 14:18	06/09/25 09:05	1,6020B	BLR

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis
Batch Quality Control

Project Name: ORANGE COUNTY LANDFILL
Project Number: 2025-38

Lab Number: L2533302
Report Date: 06/25/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG2075510-2								
Arsenic, Total	104		-		80-120	-		
Cadmium, Total	98		-		80-120	-		
Calcium, Total	101		-		80-120	-		
Iron, Total	119		-		80-120	-		
Lead, Total	103		-		80-120	-		
Magnesium, Total	101		-		80-120	-		
Manganese, Total	109		-		80-120	-		
Potassium, Total	109		-		80-120	-		
Sodium, Total	104		-		80-120	-		
Total Hardness (by calculation) - Mansfield Lab Associated sample(s): 01-03 Batch: WG2075510-2								
Hardness	101		-		80-120	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: ORANGE COUNTY LANDFILL
Project Number: 2025-38

Lab Number: L2533302
Report Date: 06/25/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 04-09 Batch: WG2075752-2					
Arsenic, Total	108	-	80-120	-	
Cadmium, Total	99	-	80-120	-	
Calcium, Total	98	-	80-120	-	
Iron, Total	108	-	80-120	-	
Lead, Total	100	-	80-120	-	
Magnesium, Total	97	-	80-120	-	
Manganese, Total	102	-	80-120	-	
Potassium, Total	101	-	80-120	-	
Sodium, Total	101	-	80-120	-	
Total Hardness (by calculation) - Mansfield Lab Associated sample(s): 04-09 Batch: WG2075752-2					
Hardness	98	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: ORANGE COUNTY LANDFILL
Project Number: 2025-38

Lab Number: L2533302
Report Date: 06/25/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG2075510-3 WG2075510-4 QC Sample: L2533302-03 Client ID: MW-233S												
Arsenic, Total	0.00045J	0.12	0.1320	110		0.1298	108		75-125	2		20
Cadmium, Total	ND	0.053	0.05590	105		0.05322	100		75-125	5		20
Calcium, Total	119.	10	138	**190**	Q	127	80		75-125	8		20
Iron, Total	ND	1	1.15	115		1.14	114		75-125	1		20
Lead, Total	ND	0.53	0.5595	106		0.5496	104		75-125	2		20
Magnesium, Total	28.8	10	41.7	**129**	Q	40.1	113		75-125	4		20
Manganese, Total	0.1817	0.5	0.7491	113		0.7225	108		75-125	4		20
Potassium, Total	1.65	10	13.6	120		13.1	114		75-125	4		20
Sodium, Total	1.29	10	12.3	110		12.1	108		75-125	2		20
Total Hardness (by calculation) - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG2075510-3 WG2075510-4 QC Sample: L2533302-03 Client ID: MW-233S												
Hardness	416.0	66.2	515.3	**150**	Q	481.8	99		75-125	7		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ORANGE COUNTY LANDFILL
Project Number: 2025-38

Lab Number: L2533302
Report Date: 06/25/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 04-09 QC Batch ID: WG2075752-3 QC Sample: L2535207-02 Client ID: MS Sample										
Arsenic, Total	0.00045J	0.12	0.1205	100		-	-	75-125	-	20
Cadmium, Total	0.00013J	0.053	0.05014	95		-	-	75-125	-	20
Calcium, Total	96.2	10	99.1	**29**	Q	-	-	75-125	-	20
Iron, Total	0.288	1	1.24	95		-	-	75-125	-	20
Lead, Total	ND	0.53	0.5026	95		-	-	75-125	-	20
Magnesium, Total	11.5	10	19.9	84		-	-	75-125	-	20
Manganese, Total	2.190	0.5	2.482	**58**	Q	-	-	75-125	-	20
Potassium, Total	4.57	10	14.0	94		-	-	75-125	-	20
Sodium, Total	309.	10	308	**0**	Q	-	-	75-125	-	20
Total Hardness (by calculation) - Mansfield Lab Associated sample(s): 04-09 QC Batch ID: WG2075752-3 QC Sample: L2535207-02 Client ID: MS Sample										
Hardness	287.5	66.2	329.6	99		-	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ORANGE COUNTY LANDFILL
Project Number: 2025-38

Lab Number: L2533302
Report Date: 06/25/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 04-09 QC Batch ID: WG2075752-4 QC Sample: L2535207-02 Client ID: DUP Sample						
Arsenic, Total	0.00045J	0.00032J	mg/l	NC		20
Cadmium, Total	0.00013J	0.00010J	mg/l	NC		20
Calcium, Total	96.2	98.1	mg/l	2		20
Iron, Total	0.288	0.287	mg/l	0		20
Lead, Total	ND	ND	mg/l	NC		20
Magnesium, Total	11.5	11.2	mg/l	3		20
Manganese, Total	2.190	2.204	mg/l	1		20
Potassium, Total	4.57	4.45	mg/l	3		20
Total Metals - Mansfield Lab Associated sample(s): 04-09 QC Batch ID: WG2075752-4 QC Sample: L2535207-02 Client ID: DUP Sample						
Sodium, Total	309.	338	mg/l	9		20

Project Name: ORANGE COUNTY LANDFILL
Project Number: 2025-38

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2533302
Report Date: 06/25/25

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG2075510-6 QC Sample: L2533302-03 Client ID: MW-233S						
Calcium, Total	119.	111.	mg/l	7		20
Magnesium, Total	28.8	26.2	mg/l	9		20
Manganese, Total	0.1817	0.1733	mg/l	5		20
Total Hardness (by calculation) - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG2075510-6 QC Sample: L2533302-03 Client ID: MW-233S						
Hardness	416.0	386.0	mg/l	7		20

INORGANICS
&
MISCELLANEOUS

Project Name: ORANGE COUNTY LANDFILL
Project Number: 2025-38
Lab Number: L2533302
Report Date: 06/25/25

SAMPLE RESULTS

Lab ID: L2533302-01
Client ID: MW-3B
Sample Location: GOSHEN, NY
Sample Depth:
Matrix: Water

Date Collected: 05/28/25 13:30
Date Received: 05/28/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	481.		mg CaCO3/L	2.00	NA	1	-	06/09/25 12:48	121,2320B	MRW
Solids, Total Dissolved	560		mg/l	13	4.0	1.3	-	06/03/25 01:44	121,2540C	DEW
Nitrogen, Ammonia	4.18		mg/l	0.075	0.024	1	06/19/25 21:57	06/20/25 09:29	44,350.1	KEM
Nitrogen, Nitrate	0.038	J	mg/l	0.10	0.023	1	-	05/30/25 05:05	44,353.2	KAF
Nitrogen, Total Kjeldahl	4.43		mg/l	0.300	0.066	1	06/19/25 15:34	06/20/25 12:53	4,351.1	KEM
Chemical Oxygen Demand	3.7	J	mg/l	10	2.7	1	06/10/25 12:38	06/10/25 16:32	44,410.4	CVN
Total Organic Carbon	2.89		mg/l	0.500	0.097	1	-	06/06/25 01:27	121,5310C	DEW
Phenolics, Total	ND		mg/l	0.030	0.006	1	06/10/25 08:55	06/10/25 14:26	4,420.1	KEM
Anions by Ion Chromatography - Westborough Lab										
Bromide	0.228		mg/l	0.050	0.013	1	-	06/07/25 17:14	44,300.0	CVN
Chloride	43.4		mg/l	0.500	0.083	1	-	06/07/25 17:14	44,300.0	CVN
Sulfate	23.1		mg/l	1.00	0.454	1	-	06/07/25 17:14	44,300.0	CVN

Project Name: ORANGE COUNTY LANDFILL
Project Number: 2025-38
Lab Number: L2533302
Report Date: 06/25/25

SAMPLE RESULTS

Lab ID: L2533302-02
Client ID: MW-220
Sample Location: GOSHEN, NY
Sample Depth:
Matrix: Water

Date Collected: 05/28/25 14:30
Date Received: 05/28/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	427.		mg CaCO3/L	2.00	NA	1	-	06/09/25 12:59	121,2320B	MRW
Solids, Total Dissolved	640		mg/l	13	4.0	1.3	-	06/03/25 01:44	121,2540C	DEW
Nitrogen, Ammonia	0.166		mg/l	0.075	0.024	1	06/19/25 21:57	06/20/25 09:30	44,350.1	KEM
Nitrogen, Nitrate	0.044	J	mg/l	0.10	0.023	1	-	05/30/25 05:06	44,353.2	KAF
Nitrogen, Total Kjeldahl	0.414		mg/l	0.300	0.066	1	06/19/25 15:34	06/20/25 12:54	4,351.1	KEM
Chemical Oxygen Demand	ND		mg/l	10	2.7	1	06/10/25 12:38	06/10/25 16:32	44,410.4	CVN
Total Organic Carbon	2.39		mg/l	0.500	0.097	1	-	06/06/25 01:27	121,5310C	DEW
Phenolics, Total	ND		mg/l	0.030	0.006	1	06/10/25 08:55	06/10/25 14:27	4,420.1	KEM
Anions by Ion Chromatography - Westborough Lab										
Bromide	ND		mg/l	0.050	0.013	1	-	06/07/25 17:26	44,300.0	CVN
Chloride	15.5		mg/l	0.500	0.083	1	-	06/07/25 17:26	44,300.0	CVN
Sulfate	139.		mg/l	10.0	4.54	10	-	06/07/25 17:38	44,300.0	CVN

Project Name: ORANGE COUNTY LANDFILL
Project Number: 2025-38
Lab Number: L2533302
Report Date: 06/25/25

SAMPLE RESULTS

Lab ID: L2533302-03
Client ID: MW-233S
Sample Location: GOSHEN, NY
Sample Depth:
Matrix: Water

Date Collected: 05/28/25 10:10
Date Received: 05/28/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	314.		mg CaCO3/L	2.00	NA	1	-	06/09/25 13:10	121,2320B	MRW
Solids, Total Dissolved	480		mg/l	13	4.0	1.3	-	06/03/25 01:44	121,2540C	DEW
Nitrogen, Ammonia	0.059	J	mg/l	0.075	0.024	1	06/19/25 21:57	06/20/25 09:31	44,350.1	KEM
Nitrogen, Nitrate	11.		mg/l	1.0	0.23	10	-	05/30/25 07:42	44,353.2	KAF
Nitrogen, Total Kjeldahl	0.681	J	mg/l	1.50	0.330	5	06/19/25 15:34	06/20/25 12:55	4,351.1	KEM
Chemical Oxygen Demand	ND		mg/l	10	2.7	1	06/10/25 12:38	06/10/25 16:32	44,410.4	CVN
Total Organic Carbon	3.59		mg/l	0.500	0.097	1	-	06/06/25 01:27	121,5310C	DEW
Phenolics, Total	ND		mg/l	0.030	0.006	1	06/10/25 08:55	06/10/25 14:28	4,420.1	KEM
Anions by Ion Chromatography - Westborough Lab										
Bromide	ND		mg/l	0.050	0.013	1	-	06/07/25 15:49	44,300.0	CVN
Chloride	1.00		mg/l	0.500	0.083	1	-	06/07/25 15:49	44,300.0	CVN
Sulfate	60.1		mg/l	1.00	0.454	1	-	06/07/25 15:49	44,300.0	CVN

Project Name: ORANGE COUNTY LANDFILL
Project Number: 2025-38
Lab Number: L2533302
Report Date: 06/25/25

SAMPLE RESULTS

Lab ID: L2533302-04
Client ID: MW-233D
Sample Location: GOSHEN, NY
Sample Depth:
Matrix: Water

Date Collected: 05/28/25 11:20
Date Received: 05/28/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	184.		mg CaCO3/L	2.00	NA	1	-	06/09/25 13:54	121,2320B	MRW
Solids, Total Dissolved	540		mg/l	13	4.0	1.3	-	06/03/25 01:44	121,2540C	DEW
Nitrogen, Ammonia	0.040	J	mg/l	0.075	0.024	1	06/19/25 21:57	06/20/25 09:34	44,350.1	KEM
Nitrogen, Nitrate	0.11		mg/l	0.10	0.023	1	-	05/30/25 06:53	44,353.2	KAF
Nitrogen, Total Kjeldahl	0.321		mg/l	0.300	0.066	1	06/19/25 15:34	06/20/25 12:57	4,351.1	KEM
Chemical Oxygen Demand	11.		mg/l	10	2.7	1	06/10/25 12:38	06/10/25 16:32	44,410.4	CVN
Total Organic Carbon	1.75		mg/l	0.500	0.097	1	-	06/06/25 01:27	121,5310C	DEW
Phenolics, Total	ND		mg/l	0.030	0.006	1	06/10/25 08:55	06/10/25 14:33	4,420.1	KEM
Anions by Ion Chromatography - Westborough Lab										
Bromide	1.16		mg/l	0.500	0.132	10	-	06/07/25 18:39	44,300.0	CVN
Chloride	124.		mg/l	5.00	0.839	10	-	06/07/25 18:39	44,300.0	CVN
Sulfate	126.		mg/l	10.0	4.54	10	-	06/07/25 18:39	44,300.0	CVN

Project Name: ORANGE COUNTY LANDFILL
Project Number: 2025-38
Lab Number: L2533302
Report Date: 06/25/25

SAMPLE RESULTS

Lab ID: L2533302-05
Client ID: PZ-4
Sample Location: GOSHEN, NY
Sample Depth:
Matrix: Water

Date Collected: 05/28/25 12:15
Date Received: 05/28/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	494.		mg CaCO3/L	4.00	NA	2	-	06/09/25 17:03	121,2320B	MRW
Solids, Total Dissolved	730		mg/l	13	4.0	1.3	-	06/03/25 01:44	121,2540C	DEW
Nitrogen, Ammonia	ND		mg/l	0.075	0.024	1	06/19/25 21:57	06/20/25 09:35	44,350.1	KEM
Nitrogen, Nitrate	0.36		mg/l	0.10	0.023	1	-	05/30/25 05:11	44,353.2	KAF
Nitrogen, Total Kjeldahl	0.224	J	mg/l	0.300	0.066	1	06/19/25 15:34	06/20/25 12:58	4,351.1	KEM
Chemical Oxygen Demand	8.3	J	mg/l	10	2.7	1	06/10/25 12:38	06/10/25 16:32	44,410.4	CVN
Total Organic Carbon	2.74		mg/l	0.500	0.097	1	-	06/06/25 01:27	121,5310C	DEW
Phenolics, Total	ND		mg/l	0.030	0.006	1	06/10/25 08:55	06/10/25 14:33	4,420.1	KEM
Anions by Ion Chromatography - Westborough Lab										
Bromide	0.287		mg/l	0.250	0.066	5	-	06/07/25 18:51	44,300.0	CVN
Chloride	46.6		mg/l	2.50	0.420	5	-	06/07/25 18:51	44,300.0	CVN
Sulfate	83.2		mg/l	5.00	2.27	5	-	06/07/25 18:51	44,300.0	CVN

Project Name: ORANGE COUNTY LANDFILL
Project Number: 2025-38
Lab Number: L2533302
Report Date: 06/25/25

SAMPLE RESULTS

Lab ID: L2533302-06
Client ID: SW-5
Sample Location: GOSHEN, NY
Sample Depth:
Matrix: Water

Date Collected: 05/28/25 12:30
Date Received: 05/28/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	111.		mg CaCO3/L	2.00	NA	1	-	06/09/25 14:11	121,2320B	MRW
Solids, Total Dissolved	220		mg/l	13	4.0	1.3	-	06/03/25 01:44	121,2540C	DEW
Nitrogen, Ammonia	0.159		mg/l	0.075	0.024	1	06/23/25 21:47	06/24/25 10:16	44,350.1	KEM
Nitrogen, Nitrate	0.59		mg/l	0.10	0.023	1	-	05/30/25 05:12	44,353.2	KAF
Nitrogen, Total Kjeldahl	0.833		mg/l	0.300	0.066	1	06/19/25 21:26	06/20/25 17:51	4,351.1	
Chemical Oxygen Demand	15.		mg/l	10	2.7	1	06/10/25 12:38	06/10/25 16:32	44,410.4	CVN
Total Organic Carbon	6.23		mg/l	0.500	0.097	1	-	06/06/25 01:27	121,5310C	DEW
Phenolics, Total	ND		mg/l	0.030	0.006	1	06/10/25 08:55	06/10/25 14:34	4,420.1	KEM
Anions by Ion Chromatography - Westborough Lab										
Bromide	0.042	J	mg/l	0.050	0.013	1	-	06/07/25 19:03	44,300.0	CVN
Chloride	57.0		mg/l	5.00	0.839	10	-	06/07/25 19:15	44,300.0	CVN
Sulfate	12.6		mg/l	1.00	0.454	1	-	06/07/25 19:03	44,300.0	CVN

Project Name: ORANGE COUNTY LANDFILL
Project Number: 2025-38
Lab Number: L2533302
Report Date: 06/25/25

SAMPLE RESULTS

Lab ID: L2533302-07
Client ID: SW-8
Sample Location: GOSHEN, NY
Sample Depth:
Matrix: Water

Date Collected: 05/28/25 13:50
Date Received: 05/28/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	111.		mg CaCO3/L	2.00	NA	1	-	06/09/25 14:15	121,2320B	MRW
Solids, Total Dissolved	220		mg/l	13	4.0	1.3	-	06/03/25 01:44	121,2540C	DEW
Nitrogen, Ammonia	0.053	J	mg/l	0.075	0.024	1	06/23/25 21:47	06/24/25 10:17	44,350.1	KEM
Nitrogen, Nitrate	0.58		mg/l	0.10	0.023	1	-	05/30/25 05:13	44,353.2	KAF
Nitrogen, Total Kjeldahl	0.759		mg/l	0.300	0.066	1	06/19/25 21:26	06/20/25 17:53	4,351.1	
Chemical Oxygen Demand	29.		mg/l	10	2.7	1	06/10/25 12:38	06/10/25 16:32	44,410.4	CVN
Total Organic Carbon	6.41		mg/l	0.500	0.097	1	-	06/06/25 01:27	121,5310C	DEW
Phenolics, Total	ND		mg/l	0.030	0.006	1	06/10/25 08:55	06/10/25 14:35	4,420.1	KEM
Anions by Ion Chromatography - Westborough Lab										
Bromide	0.042	J	mg/l	0.050	0.013	1	-	06/07/25 19:27	44,300.0	CVN
Chloride	57.3		mg/l	5.00	0.839	10	-	06/07/25 19:39	44,300.0	CVN
Sulfate	12.6		mg/l	1.00	0.454	1	-	06/07/25 19:27	44,300.0	CVN

Project Name: ORANGE COUNTY LANDFILL
Project Number: 2025-38
Lab Number: L2533302
Report Date: 06/25/25

SAMPLE RESULTS

Lab ID: L2533302-08
Client ID: SW-13
Sample Location: GOSHEN, NY
Sample Depth:
Matrix: Water

Date Collected: 05/28/25 15:00
Date Received: 05/28/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	111.		mg CaCO3/L	2.00	NA	1	-	06/09/25 14:19	121,2320B	MRW
Solids, Total Dissolved	230		mg/l	13	4.0	1.3	-	06/03/25 18:08	121,2540C	REM
Nitrogen, Ammonia	0.056	J	mg/l	0.075	0.024	1	06/23/25 21:47	06/24/25 10:18	44,350.1	KEM
Nitrogen, Nitrate	0.58		mg/l	0.10	0.023	1	-	05/30/25 05:14	44,353.2	KAF
Nitrogen, Total Kjeldahl	0.657		mg/l	0.300	0.066	1	06/19/25 21:26	06/20/25 17:54	4,351.1	
Chemical Oxygen Demand	15.		mg/l	10	2.7	1	06/10/25 12:38	06/10/25 16:32	44,410.4	CVN
Total Organic Carbon	6.33		mg/l	0.500	0.097	1	-	06/06/25 01:27	121,5310C	DEW
Phenolics, Total	ND		mg/l	0.030	0.006	1	06/10/25 08:55	06/10/25 14:36	4,420.1	KEM
Anions by Ion Chromatography - Westborough Lab										
Bromide	0.042	J	mg/l	0.050	0.013	1	-	06/07/25 19:51	44,300.0	CVN
Chloride	58.0		mg/l	5.00	0.839	10	-	06/07/25 20:03	44,300.0	CVN
Sulfate	12.7		mg/l	1.00	0.454	1	-	06/07/25 19:51	44,300.0	CVN

Project Name: ORANGE COUNTY LANDFILL
Project Number: 2025-38
Lab Number: L2533302
Report Date: 06/25/25

SAMPLE RESULTS

Lab ID: L2533302-09
Client ID: DUP052825
Sample Location: GOSHEN, NY
Sample Depth:
Matrix: Water

Date Collected: 05/28/25 00:00
Date Received: 05/28/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	470.		mg CaCO3/L	2.00	NA	1	-	06/09/25 14:22	121,2320B	MRW
Solids, Total Dissolved	780		mg/l	13	4.0	1.3	-	06/03/25 01:44	121,2540C	DEW
Nitrogen, Ammonia	ND		mg/l	0.075	0.024	1	06/23/25 21:47	06/24/25 10:19	44,350.1	KEM
Nitrogen, Nitrate	0.087	J	mg/l	0.10	0.023	1	-	05/30/25 05:19	44,353.2	KAF
Nitrogen, Total Kjeldahl	0.296	J	mg/l	0.300	0.066	1	06/19/25 21:26	06/20/25 17:55	4,351.1	
Chemical Oxygen Demand	ND		mg/l	10	2.7	1	06/10/25 12:38	06/10/25 16:32	44,410.4	CVN
Total Organic Carbon	2.68		mg/l	0.500	0.097	1	-	06/06/25 01:27	121,5310C	DEW
Phenolics, Total	ND		mg/l	0.030	0.006	1	06/10/25 08:55	06/10/25 14:37	4,420.1	KEM
Anions by Ion Chromatography - Westborough Lab										
Bromide	0.185		mg/l	0.050	0.013	1	-	06/07/25 20:52	44,300.0	CVN
Chloride	57.4		mg/l	5.00	0.839	10	-	06/07/25 21:04	44,300.0	CVN
Sulfate	65.9		mg/l	1.00	0.454	1	-	06/07/25 20:52	44,300.0	CVN

Project Name: ORANGE COUNTY LANDFILL **Lab Number:** L2533302

Project Number: 2025-38 **Report Date:** 06/25/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-09 Batch: WG2072877-1										
Nitrogen, Nitrate	ND		mg/l	0.10	0.023	1	-	05/30/25 04:11	44,353.2	KAF
General Chemistry - Westborough Lab for sample(s): 01-07,09 Batch: WG2074111-1										
Solids, Total Dissolved	ND		mg/l	10	3.1	1	-	06/03/25 01:44	121,2540C	DEW
General Chemistry - Westborough Lab for sample(s): 08 Batch: WG2074541-1										
Solids, Total Dissolved	4.0	J	mg/l	10	3.1	1	-	06/03/25 18:08	121,2540C	REM
General Chemistry - Westborough Lab for sample(s): 01-09 Batch: WG2075570-1										
Total Organic Carbon	ND		mg/l	0.500	0.097	1	-	06/06/25 01:27	121,5310C	DEW
Anions by Ion Chromatography - Westborough Lab for sample(s): 01-09 Batch: WG2076113-1										
Bromide	ND		mg/l	0.050	0.013	1	-	06/07/25 12:48	44,300.0	CVN
Chloride	0.129	J	mg/l	0.500	0.083	1	-	06/07/25 12:48	44,300.0	CVN
Sulfate	0.730	J	mg/l	1.00	0.454	1	-	06/07/25 12:48	44,300.0	CVN
General Chemistry - Westborough Lab for sample(s): 01-09 Batch: WG2076557-1										
Alkalinity, Total	ND		mg CaCO3/L	2.00	NA	1	-	06/09/25 16:33	121,2320B	MRW
General Chemistry - Westborough Lab for sample(s): 01-09 Batch: WG2076979-1										
Phenolics, Total	ND		mg/l	0.030	0.006	1	06/10/25 08:55	06/10/25 14:11	4,420.1	KEM
General Chemistry - Westborough Lab for sample(s): 01-09 Batch: WG2077093-1										
Chemical Oxygen Demand	ND		mg/l	10	2.7	1	06/10/25 12:38	06/10/25 16:32	44,410.4	CVN
General Chemistry - Westborough Lab for sample(s): 01-05 Batch: WG2080932-1										
Nitrogen, Total Kjeldahl	0.121	J	mg/l	0.300	0.022	1	06/19/25 15:34	06/20/25 12:38	4,351.1	KEM
General Chemistry - Westborough Lab for sample(s): 01-05 Batch: WG2081089-1										
Nitrogen, Ammonia	ND		mg/l	0.075	0.024	1	06/19/25 21:57	06/20/25 09:05	44,350.1	KEM
General Chemistry - Westborough Lab for sample(s): 06-09 Batch: WG2081098-1										
Nitrogen, Total Kjeldahl	0.245	J	mg/l	0.300	0.022	1	06/19/25 21:26	06/20/25 17:48	4,351.1	
General Chemistry - Westborough Lab for sample(s): 06-09 Batch: WG2082443-1										
Nitrogen, Ammonia	ND		mg/l	0.075	0.024	1	06/23/25 21:47	06/24/25 10:13	44,350.1	KEM

Lab Control Sample Analysis
Batch Quality Control

Project Name: ORANGE COUNTY LANDFILL
Project Number: 2025-38

Lab Number: L2533302
Report Date: 06/25/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-09 Batch: WG2072877-2								
Nitrogen, Nitrate	102		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01-07,09 Batch: WG2074111-2								
Solids, Total Dissolved	96		-		80-120	-		
General Chemistry - Westborough Lab Associated sample(s): 08 Batch: WG2074541-2								
Solids, Total Dissolved	110		-		80-120	-		
General Chemistry - Westborough Lab Associated sample(s): 01-09 Batch: WG2075570-2								
Total Organic Carbon	101		-		90-110	-		
Anions by Ion Chromatography - Westborough Lab Associated sample(s): 01-09 Batch: WG2076113-2								
Bromide	90		-		90-110	-		
Chloride	102		-		90-110	-		
Sulfate	98		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01-09 Batch: WG2076557-2								
Alkalinity, Total	103		-		90-110	-		10

Lab Control Sample Analysis
Batch Quality Control

Project Name: ORANGE COUNTY LANDFILL
Project Number: 2025-38

Lab Number: L2533302
Report Date: 06/25/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-09 Batch: WG2076979-2					
Phenolics, Total	88	-	70-130	-	
General Chemistry - Westborough Lab Associated sample(s): 01-09 Batch: WG2077093-2					
Chemical Oxygen Demand	96	-	90-110	-	
General Chemistry - Westborough Lab Associated sample(s): 01-05 Batch: WG2080932-2					
Nitrogen, Total Kjeldahl	95	-	78-122	-	
General Chemistry - Westborough Lab Associated sample(s): 01-05 Batch: WG2081089-2					
Nitrogen, Ammonia	93	-	90-110	-	20
General Chemistry - Westborough Lab Associated sample(s): 06-09 Batch: WG2081098-2					
Nitrogen, Total Kjeldahl	89	-	78-122	-	
General Chemistry - Westborough Lab Associated sample(s): 06-09 Batch: WG2082443-2					
Nitrogen, Ammonia	90	-	90-110	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ORANGE COUNTY LANDFILL
Project Number: 2025-38

Lab Number: L2533302
Report Date: 06/25/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-09 QC Batch ID: WG2072877-4 QC Sample: L2533302-03 Client ID: MW-233S												
Nitrogen, Nitrate	11.	4	14	**75**	Q	-	-		83-113	-		6
General Chemistry - Westborough Lab Associated sample(s): 01-09 QC Batch ID: WG2072877-6 QC Sample: L2533486-01 Client ID: MS Sample												
Nitrogen, Nitrate	0.40	4	4.9	112		-	-		83-113	-		6
General Chemistry - Westborough Lab Associated sample(s): 01-09 QC Batch ID: WG2075570-4 QC Sample: L2533302-02 Client ID: MW-220												
Total Organic Carbon	2.39	16	21.2	**118**	Q	-	-		85-115	-		15
General Chemistry - Westborough Lab Associated sample(s): 01-09 QC Batch ID: WG2075570-6 QC Sample: L2533302-03 Client ID: MW-233S												
Total Organic Carbon	3.59	16	21.4	111		-	-		85-115	-		15
Anions by Ion Chromatography - Westborough Lab Associated sample(s): 01-09 QC Batch ID: WG2076113-3 WG2076113-4 QC Sample: L2533302-03 Client ID: MW-233S												
Bromide	ND	0.4	0.289	**72**	Q	0.316	**80**	Q	90-110	9		20
Chloride	1.00	4	4.99	100		5.01	100		90-110	0		18
Sulfate	60.1	8	65.2	**64**	Q	65.4	**66**	Q	90-110	0		20
General Chemistry - Westborough Lab Associated sample(s): 01-09 QC Batch ID: WG2076557-4 QC Sample: L2533302-03 Client ID: MW-233S												
Alkalinity, Total	314.	100	361	**48**	Q	-	-		86-116	-		10
General Chemistry - Westborough Lab Associated sample(s): 01-09 QC Batch ID: WG2076979-4 QC Sample: L2533076-02 Client ID: MS Sample												
Phenolics, Total	0.010J	0.4	0.36	90		-	-		70-130	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-09 QC Batch ID: WG2076979-6 QC Sample: L2533302-03 Client ID: MW-233S												
Phenolics, Total	ND	0.4	0.33	84		-	-		70-130	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ORANGE COUNTY LANDFILL
Project Number: 2025-38

Lab Number: L2533302
Report Date: 06/25/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-09 QC Batch ID: WG2077093-3 QC Sample: L2533302-03 Client ID: MW-233S										
Chemical Oxygen Demand	ND	47.6	52	109		-	-	90-110	-	20
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG2080932-4 QC Sample: L2533302-03 Client ID: MW-233S										
Nitrogen, Total Kjeldahl	0.681J	40	43.2	108		-	-	77-111	-	24
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG2081089-4 QC Sample: L2533284-08 Client ID: MS Sample										
Nitrogen, Ammonia	ND	4	4.30	108		-	-	90-110	-	20
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG2081089-6 QC Sample: L2533302-03 Client ID: MW-233S										
Nitrogen, Ammonia	0.059J	4	3.87	97		-	-	90-110	-	20
General Chemistry - Westborough Lab Associated sample(s): 06-09 QC Batch ID: WG2081098-4 QC Sample: L2533302-06 Client ID: SW-5										
Nitrogen, Total Kjeldahl	0.833	8	8.96	102		-	-	77-111	-	24
General Chemistry - Westborough Lab Associated sample(s): 06-09 QC Batch ID: WG2082443-4 QC Sample: L2533320-04 Client ID: MS Sample										
Nitrogen, Ammonia	5.63	4	10.6	**124**	Q	-	-	90-110	-	20
General Chemistry - Westborough Lab Associated sample(s): 06-09 QC Batch ID: WG2082443-6 QC Sample: L2533320-05 Client ID: MS Sample										
Nitrogen, Ammonia	0.220	4	4.20	100		-	-	90-110	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ORANGE COUNTY LANDFILL
Project Number: 2025-38

Lab Number: L2533302
Report Date: 06/25/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-09 QC Batch ID: WG2072877-3 QC Sample: L2533302-03 Client ID: MW-233S						
Nitrogen, Nitrate	11.	11	mg/l	0		6
General Chemistry - Westborough Lab Associated sample(s): 01-09 QC Batch ID: WG2072877-5 QC Sample: L2533486-01 Client ID: DUP Sample						
Nitrogen, Nitrate	0.40	0.38	mg/l	5		6
General Chemistry - Westborough Lab Associated sample(s): 01-07,09 QC Batch ID: WG2074111-3 QC Sample: L2533302-03 Client ID: MW-233S						
Solids, Total Dissolved	480	480	mg/l	0		10
General Chemistry - Westborough Lab Associated sample(s): 01-07,09 QC Batch ID: WG2074111-4 QC Sample: L2533302-04 Client ID: MW-233D						
Solids, Total Dissolved	540	550	mg/l	2		10
General Chemistry - Westborough Lab Associated sample(s): 08 QC Batch ID: WG2074541-3 QC Sample: L2533537-01 Client ID: DUP Sample						
Solids, Total Dissolved	200	250	mg/l	**22**	Q	10
General Chemistry - Westborough Lab Associated sample(s): 08 QC Batch ID: WG2074541-4 QC Sample: L2533537-02 Client ID: DUP Sample						
Solids, Total Dissolved	31000	30000	mg/l	3		10
General Chemistry - Westborough Lab Associated sample(s): 01-09 QC Batch ID: WG2075570-3 QC Sample: L2533302-02 Client ID: MW-220						
Total Organic Carbon	2.39	2.35	mg/l	2		15
General Chemistry - Westborough Lab Associated sample(s): 01-09 QC Batch ID: WG2075570-5 QC Sample: L2533302-03 Client ID: MW-233S						
Total Organic Carbon	3.59	3.54	mg/l	1		15
General Chemistry - Westborough Lab Associated sample(s): 01-09 QC Batch ID: WG2076557-3 QC Sample: L2533302-03 Client ID: MW-233S						
Alkalinity, Total	314.	316	mg CaCO3/L	1		10

Lab Duplicate Analysis

Batch Quality Control

Project Name: ORANGE COUNTY LANDFILL
Project Number: 2025-38

Lab Number: L2533302
Report Date: 06/25/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-09 QC Batch ID: WG2076979-3 QC Sample: L2533076-02 Client ID: DUP Sample					
Phenolics, Total	0.010J	ND	mg/l	NC	20
General Chemistry - Westborough Lab Associated sample(s): 01-09 QC Batch ID: WG2076979-5 QC Sample: L2533302-03 Client ID: MW-233S					
Phenolics, Total	ND	ND	mg/l	NC	20
General Chemistry - Westborough Lab Associated sample(s): 01-09 QC Batch ID: WG2077093-4 QC Sample: L2533302-03 Client ID: MW-233S					
Chemical Oxygen Demand	ND	ND	mg/l	NC	20
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG2080932-3 QC Sample: L2533302-03 Client ID: MW-233S					
Nitrogen, Total Kjeldahl	0.681J	0.654J	mg/l	NC	24
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG2081089-3 QC Sample: L2533284-08 Client ID: DUP Sample					
Nitrogen, Ammonia	ND	ND	mg/l	NC	20
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG2081089-5 QC Sample: L2533302-03 Client ID: MW-233S					
Nitrogen, Ammonia	0.059J	0.031J	mg/l	NC	20
General Chemistry - Westborough Lab Associated sample(s): 06-09 QC Batch ID: WG2081098-3 QC Sample: L2533302-06 Client ID: SW-5					
Nitrogen, Total Kjeldahl	0.833	0.688	mg/l	19	24
General Chemistry - Westborough Lab Associated sample(s): 06-09 QC Batch ID: WG2082443-3 QC Sample: L2533320-04 Client ID: DUP Sample					
Nitrogen, Ammonia	5.63	5.98	mg/l	6	20
General Chemistry - Westborough Lab Associated sample(s): 06-09 QC Batch ID: WG2082443-5 QC Sample: L2533320-05 Client ID: DUP Sample					
Nitrogen, Ammonia	0.220	0.217	mg/l	1	20

Project Name: ORANGE COUNTY LANDFILL
Project Number: 2025-38

Lab Number: L2533302
Report Date: 06/25/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2533302-01A	Vial H2SO4 preserved	B	NA		2.8	Y	Absent		TOC-5310(28)
L2533302-01B	Vial H2SO4 preserved	B	NA		2.8	Y	Absent		TOC-5310(28)
L2533302-01C	Plastic 250ml unpreserved/No Headspace	B	NA		2.8	Y	Absent		ALK-T-2320(14)
L2533302-01D	Plastic 250ml HNO3 preserved	B	<2	<2	2.8	Y	Absent		FE-6020T(180),K-6020T(180),CA-6020T(180),NA-6020T(180),PB-6020T(180),MN-6020T(180),AS-6020T(180),HARDT-6020(180),CD-6020T(180),MG-6020T(180)
L2533302-01E	Plastic 500ml H2SO4 preserved	B	<2	<2	2.8	Y	Absent		TKN-351(28),COD-410-LOW(28),NH3-350(28)
L2533302-01F	Plastic 950ml unpreserved	B	7	7	2.8	Y	Absent		SO4-300(28),CL-300(28),NO3-353(2),BR-300(28),TDS-2540(7)
L2533302-01G	Amber 1000ml H2SO4 preserved	B	<2	<2	2.8	Y	Absent		NY-TPHENOL-420(28)
L2533302-01X	Plastic 250ml unpreserved split	B	NA		2.8	Y	Absent		SUB-BOD(2)
L2533302-02A	Vial H2SO4 preserved	C	NA		3.6	Y	Absent		TOC-5310(28)
L2533302-02B	Vial H2SO4 preserved	C	NA		3.6	Y	Absent		TOC-5310(28)
L2533302-02C	Plastic 250ml unpreserved/No Headspace	C	NA		3.6	Y	Absent		ALK-T-2320(14)
L2533302-02D	Plastic 250ml HNO3 preserved	C	<2	<2	3.6	Y	Absent		FE-6020T(180),CA-6020T(180),K-6020T(180),NA-6020T(180),PB-6020T(180),MN-6020T(180),AS-6020T(180),HARDT-6020(180),CD-6020T(180),MG-6020T(180)
L2533302-02E	Plastic 500ml H2SO4 preserved	C	<2	<2	3.6	Y	Absent		TKN-351(28),COD-410-LOW(28),NH3-350(28)
L2533302-02F	Plastic 950ml unpreserved	C	7	7	3.6	Y	Absent		SO4-300(28),CL-300(28),NO3-353(2),BR-300(28),TDS-2540(7)
L2533302-02G	Amber 1000ml H2SO4 preserved	C	<2	<2	3.6	Y	Absent		NY-TPHENOL-420(28)

*Values in parentheses indicate holding time in days

Project Name: ORANGE COUNTY LANDFILL
Project Number: 2025-38

Lab Number: L2533302
Report Date: 06/25/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2533302-02X	Plastic 250ml unpreserved split	C	NA		3.6	Y	Absent		SUB-BOD(2)
L2533302-03A	Vial H2SO4 preserved	C	NA		3.6	Y	Absent		TOC-5310(28)
L2533302-03A1	Vial H2SO4 preserved	B	NA		2.8	Y	Absent		TOC-5310(28)
L2533302-03A2	Vial H2SO4 preserved	B	NA		2.8	Y	Absent		TOC-5310(28)
L2533302-03B	Vial H2SO4 preserved	C	NA		3.6	Y	Absent		TOC-5310(28)
L2533302-03B1	Vial H2SO4 preserved	B	NA		2.8	Y	Absent		TOC-5310(28)
L2533302-03B2	Vial H2SO4 preserved	B	NA		2.8	Y	Absent		TOC-5310(28)
L2533302-03C	Plastic 250ml unpreserved/No Headspace	C	NA		3.6	Y	Absent		ALK-T-2320(14)
L2533302-03C1	Plastic 250ml unpreserved/No Headspace	B	NA		2.8	Y	Absent		ALK-T-2320(14)
L2533302-03C2	Plastic 250ml unpreserved/No Headspace	B	NA		2.8	Y	Absent		ALK-T-2320(14)
L2533302-03D	Plastic 250ml HNO3 preserved	C	<2	<2	3.6	Y	Absent		FE-6020T(180),K-6020T(180),CA-6020T(180),NA-6020T(180),PB-6020T(180),MN-6020T(180),AS-6020T(180),MG-6020T(180),HARDT-6020(180),CD-6020T(180)
L2533302-03D1	Plastic 250ml HNO3 preserved	B	<2	<2	2.8	Y	Absent		FE-6020T(180),K-6020T(180),CA-6020T(180),NA-6020T(180),PB-6020T(180),MN-6020T(180),AS-6020T(180),MG-6020T(180),HARDT-6020(180),CD-6020T(180)
L2533302-03D2	Plastic 250ml HNO3 preserved	B	<2	<2	2.8	Y	Absent		FE-6020T(180),K-6020T(180),CA-6020T(180),NA-6020T(180),PB-6020T(180),MN-6020T(180),AS-6020T(180),MG-6020T(180),HARDT-6020(180),CD-6020T(180)
L2533302-03E	Plastic 500ml H2SO4 preserved	C	<2	<2	3.6	Y	Absent		TKN-351(28),COD-410-LOW(28),NH3-350(28)
L2533302-03E1	Plastic 500ml H2SO4 preserved	B	<2	<2	2.8	Y	Absent		TKN-351(28),COD-410-LOW(28),NH3-350(28)
L2533302-03E2	Plastic 500ml H2SO4 preserved	B	<2	<2	2.8	Y	Absent		TKN-351(28),COD-410-LOW(28),NH3-350(28)
L2533302-03F	Plastic 500ml unpreserved	C	7	7	3.6	Y	Absent		SO4-300(28),CL-300(28),BR-300(28),NO3-353(2),TDS-2540(7)
L2533302-03F1	Plastic 950ml unpreserved	B	7	7	2.8	Y	Absent		SO4-300(28),CL-300(28),BR-300(28),NO3-353(2),TDS-2540(7)
L2533302-03F2	Plastic 950ml unpreserved	B	7	7	2.8	Y	Absent		SO4-300(28),CL-300(28),BR-300(28),NO3-353(2),TDS-2540(7)

*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(*)
L2533302-03G	Amber 1000ml H2SO4 preserved	C	<2	<2	3.6	Y	Absent		NY-TPHENOL-420(28)
L2533302-03G1	Amber 1000ml H2SO4 preserved	B	<2	<2	2.8	Y	Absent		NY-TPHENOL-420(28)
L2533302-03G2	Amber 1000ml H2SO4 preserved	B	<2	<2	2.8	Y	Absent		NY-TPHENOL-420(28)
L2533302-03X	Plastic 250ml unpreserved split	C	NA		3.6	Y	Absent		SUB-BOD(2)
L2533302-04A	Vial H2SO4 preserved	C	NA		3.6	Y	Absent		TOC-5310(28)
L2533302-04B	Vial H2SO4 preserved	C	NA		3.6	Y	Absent		TOC-5310(28)
L2533302-04C	Plastic 250ml unpreserved/No Headspace	C	NA		3.6	Y	Absent		ALK-T-2320(14)
L2533302-04D	Plastic 250ml HNO3 preserved	C	<2	<2	3.6	Y	Absent		FE-6020T(180),K-6020T(180),CA-6020T(180),NA-6020T(180),PB-6020T(180),MN-6020T(180),AS-6020T(180),MG-6020T(180),CD-6020T(180),HARDT-6020(180)
L2533302-04E	Plastic 500ml H2SO4 preserved	C	<2	<2	3.6	Y	Absent		TKN-351(28),COD-410-LOW(28),NH3-350(28)
L2533302-04F	Plastic 950ml unpreserved	C	7	7	3.6	Y	Absent		SO4-300(28),CL-300(28),NO3-353(2),BR-300(28),TDS-2540(7)
L2533302-04G	Amber 1000ml H2SO4 preserved	C	<2	<2	3.6	Y	Absent		NY-TPHENOL-420(28)
L2533302-04X	Plastic 250ml unpreserved split	C	NA		3.6	Y	Absent		SUB-BOD(2)
L2533302-05A	Vial H2SO4 preserved	B	NA		2.8	Y	Absent		TOC-5310(28)
L2533302-05B	Vial H2SO4 preserved	B	NA		2.8	Y	Absent		TOC-5310(28)
L2533302-05C	Plastic 250ml unpreserved/No Headspace	B	NA		2.8	Y	Absent		ALK-T-2320(14)
L2533302-05D	Plastic 250ml HNO3 preserved	B	<2	<2	2.8	Y	Absent		FE-6020T(180),K-6020T(180),CA-6020T(180),NA-6020T(180),PB-6020T(180),MN-6020T(180),AS-6020T(180),CD-6020T(180),HARDT-6020(180),MG-6020T(180)
L2533302-05E	Plastic 500ml H2SO4 preserved	B	<2	<2	2.8	Y	Absent		TKN-351(28),COD-410-LOW(28),NH3-350(28)
L2533302-05F	Plastic 950ml unpreserved	B	7	7	2.8	Y	Absent		SO4-300(28),CL-300(28),NO3-353(2),BR-300(28),TDS-2540(7)
L2533302-05G	Amber 1000ml H2SO4 preserved	B	<2	<2	2.8	Y	Absent		NY-TPHENOL-420(28)
L2533302-05X	Plastic 250ml unpreserved split	B	NA		2.8	Y	Absent		SUB-BOD(2)
L2533302-06A	Vial H2SO4 preserved	A	NA		2.1	Y	Absent		TOC-5310(28)
L2533302-06B	Vial H2SO4 preserved	A	NA		2.1	Y	Absent		TOC-5310(28)

*Values in parentheses indicate holding time in days

Project Name: ORANGE COUNTY LANDFILL
Project Number: 2025-38

Lab Number: L2533302
Report Date: 06/25/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2533302-06C	Plastic 250ml unpreserved/No Headspace	A	NA		2.1	Y	Absent		ALK-T-2320(14)
L2533302-06D	Plastic 250ml HNO3 preserved	A	<2	<2	2.1	Y	Absent		FE-6020T(180),K-6020T(180),CA-6020T(180),NA-6020T(180),PB-6020T(180),MN-6020T(180),AS-6020T(180),CD-6020T(180),MG-6020T(180),HARDT-6020(180)
L2533302-06E	Plastic 500ml H2SO4 preserved	A	<2	<2	2.1	Y	Absent		TKN-351(28),COD-410-LOW(28),NH3-350(28)
L2533302-06F	Plastic 950ml unpreserved	A	7	7	2.1	Y	Absent		SO4-300(28),CL-300(28),BR-300(28),TDS-2540(7),NO3-353(2)
L2533302-06G	Amber 1000ml H2SO4 preserved	A	<2	<2	2.1	Y	Absent		NY-TPHENOL-420(28)
L2533302-06X	Plastic 250ml unpreserved split	A	NA		2.1	Y	Absent		SUB-BOD(2)
L2533302-07A	Vial H2SO4 preserved	A	NA		2.1	Y	Absent		TOC-5310(28)
L2533302-07B	Vial H2SO4 preserved	A	NA		2.1	Y	Absent		TOC-5310(28)
L2533302-07C	Plastic 250ml unpreserved/No Headspace	A	NA		2.1	Y	Absent		ALK-T-2320(14)
L2533302-07D	Plastic 250ml HNO3 preserved	A	<2	<2	2.1	Y	Absent		FE-6020T(180),K-6020T(180),CA-6020T(180),NA-6020T(180),PB-6020T(180),MN-6020T(180),AS-6020T(180),CD-6020T(180),MG-6020T(180),HARDT-6020(180)
L2533302-07E	Plastic 500ml H2SO4 preserved	A	<2	<2	2.1	Y	Absent		TKN-351(28),COD-410-LOW(28),NH3-350(28)
L2533302-07F	Plastic 950ml unpreserved	A	7	7	2.1	Y	Absent		SO4-300(28),CL-300(28),TDS-2540(7),BR-300(28),NO3-353(2)
L2533302-07G	Amber 1000ml H2SO4 preserved	A	<2	<2	2.1	Y	Absent		NY-TPHENOL-420(28)
L2533302-07X	Plastic 250ml unpreserved split	A	NA		2.1	Y	Absent		SUB-BOD(2)
L2533302-08A	Vial H2SO4 preserved	A	NA		2.1	Y	Absent		TOC-5310(28)
L2533302-08B	Vial H2SO4 preserved	A	NA		2.1	Y	Absent		TOC-5310(28)
L2533302-08C	Plastic 250ml unpreserved/No Headspace	A	NA		2.1	Y	Absent		ALK-T-2320(14)
L2533302-08D	Plastic 250ml HNO3 preserved	A	<2	<2	2.1	Y	Absent		FE-6020T(180),K-6020T(180),CA-6020T(180),NA-6020T(180),PB-6020T(180),MN-6020T(180),AS-6020T(180),MG-6020T(180),CD-6020T(180),HARDT-6020(180)
L2533302-08E	Plastic 500ml H2SO4 preserved	A	<2	<2	2.1	Y	Absent		TKN-351(28),COD-410-LOW(28),NH3-350(28)

*Values in parentheses indicate holding time in days

Project Name: ORANGE COUNTY LANDFILL
Project Number: 2025-38

Lab Number: L2533302
Report Date: 06/25/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2533302-08F	Plastic 950ml unpreserved	A	7	7	2.1	Y	Absent		SO4-300(28),CL-300(28),BR-300(28),NO3-353(2),TDS-2540(7)
L2533302-08G	Amber 1000ml H2SO4 preserved	A	<2	<2	2.1	Y	Absent		NY-TPHENOL-420(28)
L2533302-08X	Plastic 250ml unpreserved split	A	NA		2.1	Y	Absent		SUB-BOD(2)
L2533302-09A	Vial H2SO4 preserved	C	NA		3.6	Y	Absent		TOC-5310(28)
L2533302-09B	Vial H2SO4 preserved	C	NA		3.6	Y	Absent		TOC-5310(28)
L2533302-09C	Plastic 250ml unpreserved/No Headspace	C	NA		3.6	Y	Absent		ALK-T-2320(14)
L2533302-09D	Plastic 250ml HNO3 preserved	C	<2	<2	3.6	Y	Absent		FE-6020T(180),K-6020T(180),CA-6020T(180),NA-6020T(180),PB-6020T(180),MN-6020T(180),AS-6020T(180),HARDT-6020(180),MG-6020T(180),CD-6020T(180)
L2533302-09E	Plastic 500ml H2SO4 preserved	C	<2	<2	3.6	Y	Absent		TKN-351(28),COD-410-LOW(28),NH3-350(28)
L2533302-09F	Plastic 950ml unpreserved	C	7	7	3.6	Y	Absent		SO4-300(28),CL-300(28),BR-300(28),TDS-2540(7),NO3-353(2)
L2533302-09G	Amber 1000ml H2SO4 preserved	C	<2	<2	3.6	Y	Absent		NY-TPHENOL-420(28)
L2533302-09X	Plastic 250ml unpreserved split	C	NA		3.6	Y	Absent		SUB-BOD(2)

*Values in parentheses indicate holding time in days

Project Name:	ORANGE COUNTY LANDFILL	**Lab Number:**	L2533302
Project Number:	2025-38	**Report Date:**	06/25/25

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:	ORANGE COUNTY LANDFILL	**Lab Number:**	L2533302
Project Number:	2025-38	**Report Date:**	06/25/25

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:	ORANGE COUNTY LANDFILL	**Lab Number:**	L2533302
Project Number:	2025-38	**Report Date:**	06/25/25

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: ORANGE COUNTY LANDFILL **Lab Number:** L2533302

Project Number: 2025-38 **Report Date:** 06/25/25

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

4 Methods for Chemical Analysis of Water and Wastes. EPA 600/4-79-020. Revised March 1983.

44 Methods for the Determination of Inorganic Substances in Environmental Samples, EPA/600/R-93/100, August 1993.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

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

L2533302
STERLINGENV

ALPHA

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of

Date Rec'd in Lab 5/29/25

Client Information
Client: Sterling Env. Eng.
Address: 24 Wade Rd
Latham, NY 12110
Phone: (518) 456-4900
Fax:
Email: See Below

Project Information
Project Name: Orange County Landfill
Project Location: Goshen, NY
Project # 2025-38
(Use Project name as Project #) ☐
Project Manager: Andrew Millspaugh
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:

andrew.millspaugh@sterlingenvironmental.com
brian.chew@sterlingenvironmental.com

Please specify Metals or TAL. *Total Metals: As, Ca, Cd, Fe, K, Mg, Mn, Na, Pb

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	T-Phenol	*Total Metals, Hardness	NH3, TKN, COD	Alkalinity	TOC	TDS, SO4, BOD, BR, CL, NO3			Sample Specific Comments	Total Bottle
33302 -01	MW-3B	5/28/25	13:30	GW	BTC	X	X	X	X	X	X				7
-02	MW-22O		14:30			X	X	X	X	X	X				7
-03	MW-23S		10:10			X	X	X	X	X	X				7
↓	MS-MW-23S/MSD-MW-23S		10:15/10:20			X	X	X	X	X	X				14
-04	MW-23D		11:20			X	X	X	X	X	X				7
-05	PZ-4		12:15	↓		X	X	X	X	X	X				7
-06	SW-5		12:30	SW		X	X	X	X	X	X				7
-07	SW-8		13:50			X	X	X	X	X	X				7
-08	SW-13		15:00	↓		X	X	X	X	X	X				7
-09	DUP052825	↓	—	GW	↓	X	X	X	X	X	X				7
	Container Type					A	P	P	P	V	P				
	Preservative					D	C	D	A	D	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
	05/28/25 18:25		5/28 2230
	5/29 240		05129125-0240

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

New York After Hours Drop Off Acknowledgement Form

The following form needs to be fully completed in order to use the after hours drop off. This will ensure that samples will go to the correct lab and work can be started on time. If you are unsure we will hold samples until the next business day and you will be contacted for confirmation.

Date: 05/28/25	Time: 18:25	Company: Sterling Env.	Number of Coolers: 3

Client Contact Information	Samples have been dropped off by
Address: 24 Wade Rd, Latham	
Project PM Andrew Millspaugh	Name: Brian Chew
Phone Number: (518) 360-7902	Signature:

Please indicate below the Pace Lab that will be processing your samples:

[X]	Westborough	[ ]	Fairfield
[ ]	East Longmeadow	[ ]	Ewing
[ ]	Melville		
[ ]	Newburgh		

When completed place this form with your COC inside the Ziploc bag

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

June 06, 2025

Reports
Alpha Analytical
8 Walkup Drive
Westborough, MA 01581

RE: Project: L2533302
Pace Project No.: 70357503

Dear Reports:

Enclosed are the analytical results for sample(s) received by the laboratory on May 30, 2025. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Melville

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

Sincerely,

Brianna D. Rivera
brianna.rivera@pacelabs.com
516-370-6007
Project Manager

Enclosures

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

CERTIFICATIONS

Project: L2533302
Pace Project No.: 70357503

Pace Analytical Services, LLC - Melville, NY

575 Broad Hollow Rd, Melville, NY 11747
Connecticut Certification #: PH-0435
Delaware Certification # NY 10478
Maryland Certification #: 208
Massachusetts Certification #: M-NY026
New Hampshire Certification #: 2987
New Jersey Certification #: NY158
New York Certification #: 10478 Primary Accrediting Body
Pennsylvania Certification #: 68-00350
Rhode Island Certification #: LAO00340
Texas Certification #: T104704582
Florida Certification #: E871198

REPORT OF LABORATORY ANALYSIS

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

SAMPLE SUMMARY

Project: L2533302
Pace Project No.: 70357503

Lab ID	Sample ID	Matrix	Date Collected	Date Received
70357503001	**MW-3B**	Water	05/28/25 13:30	05/30/25 06:00
70357503002	**MW-220**	Water	05/28/25 14:30	05/30/25 06:00
70357503003	**MW-233S**	Water	05/28/25 10:10	05/30/25 06:00
70357503004	**MW-233D**	Water	05/28/25 11:20	05/30/25 06:00
70357503005	**PZ-4**	Water	05/28/25 12:15	05/30/25 06:00
70357503006	**SW-5**	Water	05/28/25 12:30	05/30/25 06:00
70357503007	**SW-8**	Water	05/28/25 13:50	05/30/25 06:00
70357503008	**SW-13**	Water	05/28/25 15:00	05/30/25 06:00
70357503009	**DUP052825**	Water	05/28/25 00:00	05/30/25 06:00

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

SAMPLE ANALYTE COUNT

Project: L2533302
Pace Project No.: 70357503

Lab ID	Sample ID	Method	Analysts	Analytes Reported
70357503001	**MW-3B**	SM22 5210B	VNS	1
70357503002	**MW-220**	SM22 5210B	VNS	1
70357503003	**MW-233S**	SM22 5210B	VNS	1
70357503004	**MW-233D**	SM22 5210B	VNS	1
70357503005	**PZ-4**	SM22 5210B	VNS	1
70357503006	**SW-5**	SM22 5210B	VNS	1
70357503007	**SW-8**	SM22 5210B	VNS	1
70357503008	**SW-13**	SM22 5210B	VNS	1
70357503009	**DUP052825**	SM22 5210B	VNS	1

PACE-MV = Pace Analytical Services - Melville

REPORT OF LABORATORY ANALYSIS

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

PROJECT NARRATIVE

Project: L2533302
Pace Project No.: 70357503

Date: June 06, 2025

Sample 009 was received outside the recognized method holding time

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

PROJECT NARRATIVE

Project: L2533302
Pace Project No.: 70357503

Method: **SM22 5210B**
Description: 5210B BOD, 5 day
Client: Pace Westboro
Date: June 06, 2025

General Information:
9 samples were analyzed for SM22 5210B by Pace Analytical Services Melville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

H3: Sample was received or analysis requested beyond the recognized method holding time.
- DUP052825 (Lab ID: 70357503009)

Sample Preparation:
The samples were prepared in accordance with SM22 5210B with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

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

ANALYTICAL RESULTS

Project: L2533302
Pace Project No.: 70357503

Sample: MW-3B **Lab ID: 70357503001** Collected: 05/28/25 13:30 Received: 05/30/25 06:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
5210B BOD, 5 day	Analytical Method: SM22 5210B Preparation Method: SM22 5210B Pace Analytical Services - Melville								
BOD, 5 day	**<4.0**	mg/L	4.0	4.0	2	05/30/25 10:17	06/04/25 09:30		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: L2533302
Pace Project No.: 70357503

Sample: MW-220 **Lab ID: 70357503002** Collected: 05/28/25 14:30 Received: 05/30/25 06:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
5210B BOD, 5 day	Analytical Method: SM22 5210B Preparation Method: SM22 5210B Pace Analytical Services - Melville								
BOD, 5 day	**<4.0**	mg/L	4.0	4.0	2	05/30/25 11:08	06/04/25 09:33		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: L2533302
Pace Project No.: 70357503

Sample: MW-233S **Lab ID: 70357503003** Collected: 05/28/25 10:10 Received: 05/30/25 06:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
5210B BOD, 5 day	Analytical Method: SM22 5210B Preparation Method: SM22 5210B Pace Analytical Services - Melville								
BOD, 5 day	**<4.0**	mg/L	4.0	4.0	2	05/30/25 09:05	06/04/25 09:15		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: L2533302
Pace Project No.: 70357503

Sample: MW-233D **Lab ID: 70357503004** Collected: 05/28/25 11:20 Received: 05/30/25 06:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
5210B BOD, 5 day	Analytical Method: SM22 5210B Preparation Method: SM22 5210B Pace Analytical Services - Melville								
BOD, 5 day	**4.1**	mg/L	4.0	4.0	2	05/30/25 09:20	06/04/25 09:22		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: L2533302
Pace Project No.: 70357503

Sample: PZ-4 **Lab ID: 70357503005** Collected: 05/28/25 12:15 Received: 05/30/25 06:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
5210B BOD, 5 day	Analytical Method: SM22 5210B Preparation Method: SM22 5210B Pace Analytical Services - Melville								
BOD, 5 day	**<4.0**	mg/L	4.0	4.0	2	05/30/25 11:14	06/04/25 09:35		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: L2533302
Pace Project No.: 70357503

Sample: SW-5 **Lab ID: 70357503006** Collected: 05/28/25 12:30 Received: 05/30/25 06:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
5210B BOD, 5 day	Analytical Method: SM22 5210B Preparation Method: SM22 5210B Pace Analytical Services - Melville								
BOD, 5 day	**<4.0**	mg/L	4.0	4.0	2	05/30/25 11:18	06/04/25 09:37		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: L2533302
Pace Project No.: 70357503

Sample: SW-8 **Lab ID: 70357503007** Collected: 05/28/25 13:50 Received: 05/30/25 06:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
5210B BOD, 5 day	Analytical Method: SM22 5210B Preparation Method: SM22 5210B Pace Analytical Services - Melville								
BOD, 5 day	**<4.0**	mg/L	4.0	4.0	2	05/30/25 11:22	06/04/25 09:47		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: L2533302
Pace Project No.: 70357503

Sample: SW-13 **Lab ID: 70357503008** Collected: 05/28/25 15:00 Received: 05/30/25 06:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
5210B BOD, 5 day	Analytical Method: SM22 5210B Preparation Method: SM22 5210B Pace Analytical Services - Melville								
BOD, 5 day	**<4.0**	mg/L	4.0	4.0	2	05/30/25 11:27	06/04/25 09:50		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: L2533302
Pace Project No.: 70357503

Sample: DUP052825 **Lab ID: 70357503009** Collected: 05/28/25 00:00 Received: 05/30/25 06:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
5210B BOD, 5 day	Analytical Method: SM22 5210B Preparation Method: SM22 5210B Pace Analytical Services - Melville								
BOD, 5 day	**<4.0**	mg/L	4.0	4.0	2	05/30/25 11:33	06/04/25 09:56		H3

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: L2533302
Pace Project No.: 70357503

QC Batch: 401767 — Analysis Method: SM22 5210B
QC Batch Method: SM22 5210B — Analysis Description: 5210B BOD, 5 day
Laboratory: Pace Analytical Services - Melville
Associated Lab Samples: 70357503001, 70357503002, 70357503003, 70357503004, 70357503005, 70357503006, 70357503007, 70357503008, 70357503009

METHOD BLANK: 2122011 — Matrix: Water
Associated Lab Samples: 70357503001, 70357503002, 70357503003, 70357503004, 70357503005, 70357503006, 70357503007, 70357503008, 70357503009

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
BOD, 5 day	mg/L	ND	1.0	2.0	06/04/25 08:51	

LABORATORY CONTROL SAMPLE: 2122012

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
BOD, 5 day	mg/L	198	192	97	84.5-115.4	

SAMPLE DUPLICATE: 2122013

Parameter	Units	70357499001 Result	Dup Result	RPD	Max RPD	Qualifiers
BOD, 5 day	mg/L	28.4	26.7	6	20	

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

REPORT OF LABORATORY ANALYSIS

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

QUALIFIERS

Project: L2533302
Pace Project No.: 70357503

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

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

TNI - The NELAC Institute.

WORKORDER QUALIFIERS

WO: 70357503

[1] Sample 009 was received outside the recognized method holding time

ANALYTE QUALIFIERS

H3 Sample was received or analysis requested beyond the recognized method holding time.

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: L2533302
Pace Project No.: 70357503

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70357503001	**MW-3B**	SM22 5210B	401767	SM22 5210B	402980
70357503002	**MW-220**	SM22 5210B	401767	SM22 5210B	402980
70357503003	**MW-233S**	SM22 5210B	401767	SM22 5210B	402980
70357503004	**MW-233D**	SM22 5210B	401767	SM22 5210B	402980
70357503005	**PZ-4**	SM22 5210B	401767	SM22 5210B	402980
70357503006	**SW-5**	SM22 5210B	401767	SM22 5210B	402980
70357503007	**SW-8**	SM22 5210B	401767	SM22 5210B	402980
70357503008	**SW-13**	SM22 5210B	401767	SM22 5210B	402980
70357503009	**DUP052825**	SM22 5210B	401767	SM22 5210B	402980

WO# : 70357503

70357503

Subcontract Chain of Custody

Pace Analytical (Melville)
575 Broad Hollow Road
Melville, NY 11747

Pace Job Number
L2533302

Page 1

Client Information	Project Information	Regulatory Requirements/Report Limits
Client: Pace Analytical Labs Address: Eight Walkup Drive Westborough, MA 01581-1019 Report To:west.subreports@pacelabs.com Bill To:invoices@pacelabs.coupahost.com Phone: 716.427.5229 Email: Melissa.Deyo@pacelabs.com	Project Location: NY Project Manager: Melissa Deyo **Turnaround & Deliverables Information** Due Date: Deliverables: ASP Category B Deliverables	State/Federal Program: Regulatory Criteria: NY-TOGS-GA Report to MDL

Project Specific Requirements and/or Report Requirements

Reference following Pace Job Number on final report/deliverables: L2533302 Report to include Method and/or Regulatory required batch QC

Additional Comments:

Lab ID	Pace ID	Client ID	Collection Date/Time	Sample Matrix	Analysis	Sample Level Comments	Sample Specific QC	Container Count
	L2533302-01	MW-3B	05-28-25 13:30	WATER	BOD			1
	L2533302-02	MW-220	05-28-25 14:30	WATER	BOD			1
	L2533302-03	MW-233S	05-28-25 10:10	WATER	BOD			1
	L2533302-04	MW-233D	05-28-25 11:20	WATER	BOD			1
	L2533302-05	PZ-4	05-28-25 12:15	WATER	BOD			1
	L2533302-06	SW-5	05-28-25 12:30	WATER	BOD			1
	L2533302-07	SW-8	05-28-25 13:50	WATER	BOD			1
	L2533302-08	SW-13	05-28-25 15:00	WATER	BOD			1
	L2533302-09	DUP052825	05-28-25 00:00	WATER	BOD			1

	Relinquished By:	Date/Time:	Received By:	Date/Time:
		5/29/25 1847		5/29 1847
		5/29		
	15 5/30/25 [illegible]		PACEL	5/30/25 600
Form No: AL_subcoc				

DC#_Title ENV-FRM-MELV-0150 v2_Sample Container Count Melville
Effective Date 4/12/2024

Client: ALPHA

Work ID: L2533302

Profile #: 403 10331

COC Page _____ of _____

☐ Use Point Number Spreadsheet ☐ Multiday Project

☐ Add SCLOGFD to first sample for field charge

COC Line Item	Matrix	VG9U	VG9C	VG9H	VG9S	VG9T	DG9Y	DG9P	DG9A	DG6T	DG9S	AG4U	AG3U	AG2U	AG1U	AG34	AG3S	AG4E	AG3T	AG2R	AG1T	AG1H	AG1A	AG5U	AG44	CG1U	WG9O	WG4O	BP4U	BP3U	BP2U	BP1U	BP3S	BP2S	BP4N	BP3N	BP2N	BP3C	BP3T	BP3S	BP3R	BP1Z	BP1N	BP1B	SP5T	R	WG2U	WGFU	WGKU	WGDU	ZPLC	GN	WP	TEDL	BGIH	LLHG	BG1N	IOC	SOC
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Container Codes

Glass				Plastic	
VG9U	40mL unpres clear vial	AG4U	125mL unpres amber glass	BP4U	125mL unpreserved plastic
VG9C	vial	AG3U	250mL unpres amber glass	BP3U	250mL unpreserved plastic
VG9H	40mL HCl clear vial	AG2U	500mL unpres amber glass	BP2U	500mL unpreserved plastic
VG9S	40mL Sulfuric clear vial	AG1U	1liter unpres amber glass	BP1U	1L unpreserved plastic
VG9T	40mL Na Thiosulfate vial	AG34	Ammonium Cl 250mL bottle	BP4N	125mL HNO3 plastic
DG9Y	40mL Citrate-Na Thiosulfate	AG3S	250mL H2SO4 amber glass	BP3N	250mL HNO3 plastic
DG9P	40mL amber vial - TSP	AG4E	125mL EDA amber glass	BP2N	500mL HNO3 plastic
DG9A	Ascorbic/Maleic Acid 40mL	AG3T	250mL Na Thio amber glass	BP3S	250mL H2SO4 plastic
DG6T	Na Thio 60mL Vial	AG2R	Na Sulfite 500mL (blue Cap)	BP2S	500mL H2SO4 plastic
DG9S	Ammonium Cl/CuSO4 40mL	AG1T	Na Thiosulfate 1L bottle	BP3C	NaOH 250mL bottle
CG1U	1L Unpres Jar (Con Ed)	AG1H	1L HCl amber glass	BP3T	250mL Trizma
WG9O	8oz clear soil jar	AG1A	(NH4Cl)	BP3S	250mL Ammonium Acetate
WG4O	4oz clear soil jar	AG5U	100mL unpres Amber Glass	BP3R	250mL NH4SO4-NH4OH
		AG44	Ammonium Cl 120mL bottle	BP1Z	1L NaOH, Zn Acetate
				BP1N	1L HNO3 plastic
				BP1B	Na Thiosulfate Amber Bottle

Misc.	
SP5T	120mL Coliform Na Thio
R	Terracore Kit
WG2U	2oz Unpreserved Jar
WGFU	4oz Unpreserved Jar
WGKU	8oz Unpreserved Jar
WGDU	16oz Unpreserved Jar
ZPLC	Ziplock Bag
TEDL	Tedlar Bag
BG1H	1L HCL Clear Glass
GN	General
WP	Wipe
LLHG	Low Level Hg Bottles
BG1N	1L HNO3 Clear Glass

IOC	
BP1U	1L unpreserved plastic
BP3N*	250mL HNO3 plastic
BP3C	250mL Sodium Hydroxide
AG2U	500mL unpres amber glass
BP3U	250mL unpreserved plastic

* Can also be a BP4N

Matrix	
WT	Water
SL	Solid
NAL	Non-aqueous Liquid
OL	Oil
WP	Wipe
DW	Drinking Water

SOC	
VG9T	40mL Na Thio amber vial
DG9A	40mL Ascorbic acid/ maleic Acid vials
DG9Y	Citrate/Na Thiosulfate 40mL
DG6T	Na Thiosulfate 60mL vial
DG6M	MonoCl/Acetic/Na Thio 60mL
AG3U	250mL unpres amber glass
AG3T	Na Thiosulfate 250mL bottle
BP1B	Na Thiosulfate Amber bottle
AG1T	Na Thiosulfate 1L Amber
AG1A	525.3 Chemical Blend

Sender Initials AD

Additional Comments

log 5210 BW manually

DC#_Title: ENV-FRM-MELV-0024 v07_SCUR
Effective Date: 4/12/2024

WO#: 70357503
PM: BDR Due Date: 06/10/25
CLIENT: ALPHA

Client Name: ALPHA Project

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ✓ Pace ☐ Other

Tracking #:

Custody Seal on Cooler/Box Present: ☐ Yes ✓ No Seals intact: ☐ Yes ✓ No Temperature Blank Present: ✓ Yes ☐ No
Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ Ziploc ✓ None ☐ Other Type of Ice: ✓ Wet Blue None

Thermometer Used: TH4 Correction Factor: +0.2 ☐ Samples on ice, cooling process has begun
Cooler Temperature(°C): 1.7 Cooler Temperature Corrected(°C): 1.9 Date/Time 5035A kits placed in freezer

Temp should be above freezing to 6 0°C

USDA Regulated Soil (✓ N/A, water sample)

Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, or VA (check map)? ☐ Yes ☐ No

Did samples orignate from a foreign source including Hawaii and Puerto Rico)? ☐ Yes ☐ No

If Yes to either question, fill out a Regulated Soil Checklist (ENV-FRM-MELV-0076) and include with SCUR/COC paperwork.

Date and Initials of person examining contents: KLL 5/30/25

				COMMENTS:
Chain of Custody Present:	~~✓Yes~~	☐No		1
Chain of Custody Filled Out:	~~✓Yes~~	☐No		2
Chain of Custody Relinquished:	~~✓Yes~~	☐No		3
Sampler Name & Signature on COC:	~~✓Yes~~	☐No	☐N/A	4
Samples Arrived within Hold Time:	☐Yes	~~✓No~~		5 Two Samples Recd out of Hold
Short Hold Time Analysis (<72hr):	~~✓Yes~~	☐No		6
Rush Turn Around Time Requested:	☐Yes	~~✓No~~		7
Sufficient Volume: (Triple volume provided for MS/MSD)	~~✓Yes~~	☐No		8
Correct Containers Used	~~✓Yes~~	☐No		9
-Pace Containers Used	~~✓Yes~~	☐No		
Containers Intact:	~~✓Yes~~	☐No		10
Filtered volume received for Dissolved tests	~~✓Yes~~	☐No	~~✓N/A~~	11 Note: if sediment is visible in the dissolved container
Sample Labels match COC -Includes date/time/ID/Analysis Matrix: SL WT OIL OTHER	~~✓Yes~~	☐No		12

Date and Initials of person checking preservation: KLL 5/30/25

All containers needing preservation have been checked.	☐Yes	☐No	~~✓N/A~~	13 ☐ HNO_3 ☐ H_2SO_4 ☐ NaOH ☐ HCl
pH paper Lot #				Sample #
All containers needing preservation are found to be in compliance with method recommendation? (HNO_3, H_2SO_4, HCl, NaOH>9 Sulfide, NaOH>12 Cyanide)	☐Yes	☐No	~~✓N/A~~	
Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water)				Initial when completed / Lot # of added preservative / Date/Time preservative added
Per Method, VOA pH is checked after analysis				
Samples checked for dechlorination:	☐Yes	☐No	~~✓N/A~~	14
KI starch test strips Lot #				
Residual chlorine strips Lot #			✓	Positive for Res. Chlorine? Y N
SM 4500 CN samples checked for sulf:	☐Yes	☐No	~~✓N/A~~	15
Lead Acetate Strips Lot #				Positive for Sulfide? Y N
Headspace in ALK Bottle (>6mm):	☐Yes	☐No	~~✓N/A~~	
Headspace in VOA Vials (>6mm):	☐Yes	☐No	~~✓N/A~~	16
Trip Blank Present:	☐Yes	☐No	~~✓N/A~~	17
Trip Blank Custody Seals Present	☐Yes	☐No	~~✓N/A~~	

Client Notification/ Resolution: Field Data Required? Y / N
Person Contacted: Date/Time:
Comments/ Resolution:

JD: L2533185-012 & L2533302-09A

* PM (Project Manager) review (which includes the SCUR) is documented electronically in LIMS.

ANALYTICAL REPORT

Lab Number:	L2533668
Client:	Sterling Environmental Engineering 24 Wade Road Latham, NY 12110
ATTN:	Andrew Millspaugh
Phone:	(518) 456-4900
Project Name:	ORANGE COUNTY LANDFILL
Project Number:	2025-38
Report Date:	06/25/25

Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0825), DoD (L2474), FL (E87814), IL (200081), IN (C-MA-04), KY (KY98046), LA (85084), ME (MA00030), MD (350), MI (9110), MN (025-999-495), NJ (MA015), NY (11627), NC (685), OR (MA-0262), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #525-23-107-88708A1), USFWS (Permit #A24920).

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

Project Name: ORANGE COUNTY LANDFILL
Project Number: 2025-38

Lab Number: L2533668
Report Date: 06/25/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2533668-01	MW-245S	WATER	GOSHEN, NY	05/29/25 10:00	05/30/25
L2533668-02	MW-245D	WATER	GOSHEN, NY	05/29/25 10:45	05/30/25
L2533668-03	MH-7	WATER	GOSHEN, NY	05/29/25 12:00	05/30/25
L2533668-04	MH-15	WATER	GOSHEN, NY	05/29/25 11:10	05/30/25

Project Name:	ORANGE COUNTY LANDFILL	**Lab Number:**	L2533668
Project Number:	2025-38	**Report Date:**	06/25/25

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:	ORANGE COUNTY LANDFILL	**Lab Number:**	L2533668
Project Number:	2025-38	**Report Date:**	06/25/25

Case Narrative (continued)

Report Submission

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

Total Metals

L2533668-03: The sample has elevated detection limits for all elements due to the dilution required by the sample matrix.

Anions by Ion Chromatography

L2533668-01: The sample has an elevated detection limit for bromide due to the dilution required by the sample matrix.

L2533668-03: The sample has an elevated detection limit for sulfate due to the dilution required by the sample matrix.

WG2077691: A Matrix Spike and Laboratory Duplicate were not performed for chloride due to a laboratory oversight.

Phenolics, Total

The WG2078499-4 MS recovery performed on L2533668-04 is outside the acceptance criteria for phenolics, total (0%); however, the associated LCS recovery is within criteria. No further action was taken.

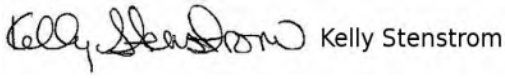
Nitrogen, Total Kjeldahl

The WG2081392-4 MS recovery performed on L2533668-02 is outside the acceptance criteria for nitrogen, total kjeldahl (123%); however, the associated LCS recovery is within criteria. No further action was taken.

Nitrogen, Ammonia

The WG2082868-4 MS recovery performed on L2533668-04 is outside the acceptance criteria for nitrogen, ammonia (65%); however, the associated LCS recovery is within criteria. No further action was taken.

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

Authorized Signature:  Kelly Stenstrom

Title: Technical Director/Representative Date: 06/25/25

METALS

Project Name: ORANGE COUNTY LANDFILL
Project Number: 2025-38
Lab Number: L2533668
Report Date: 06/25/25

SAMPLE RESULTS

Lab ID: L2533668-01
Client ID: MW-245S
Sample Location: GOSHEN, NY
Sample Depth:
Matrix: Water

Date Collected: 05/29/25 10:00
Date Received: 05/30/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.09234		mg/l	0.00050	0.00016	1	06/10/25 13:51	06/20/25 10:53	EPA 3005A	1,6020B	BLR
Cadmium, Total	0.00006	J	mg/l	0.00020	0.00005	1	06/10/25 13:51	06/20/25 10:53	EPA 3005A	1,6020B	BLR
Calcium, Total	153.		mg/l	0.100	0.0394	1	06/10/25 13:51	06/20/25 10:53	EPA 3005A	1,6020B	BLR
Iron, Total	10.2		mg/l	0.0500	0.0191	1	06/10/25 13:51	06/20/25 10:53	EPA 3005A	1,6020B	BLR
Lead, Total	0.00789		mg/l	0.00100	0.00034	1	06/10/25 13:51	06/20/25 10:53	EPA 3005A	1,6020B	BLR
Magnesium, Total	33.9		mg/l	0.0700	0.0242	1	06/10/25 13:51	06/20/25 10:53	EPA 3005A	1,6020B	BLR
Manganese, Total	1.563		mg/l	0.00100	0.00044	1	06/10/25 13:51	06/20/25 10:53	EPA 3005A	1,6020B	BLR
Potassium, Total	2.79		mg/l	0.100	0.0309	1	06/10/25 13:51	06/20/25 10:53	EPA 3005A	1,6020B	BLR
Sodium, Total	21.6		mg/l	0.500	0.0293	1	06/10/25 13:51	06/20/25 10:53	EPA 3005A	1,6020B	BLR
Total Hardness (by calculation) - Mansfield Lab											
Hardness	522.8		mg/l	0.5400	NA	1	06/10/25 13:51	06/20/25 10:53	EPA 3005A	1,6020B	BLR

Project Name: ORANGE COUNTY LANDFILL
Lab Number: L2533668
Project Number: 2025-38
Report Date: 06/25/25

SAMPLE RESULTS

Lab ID: L2533668-02
Client ID: MW-245D
Sample Location: GOSHEN, NY
Date Collected: 05/29/25 10:45
Date Received: 05/30/25
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	0.00085		mg/l	0.00050	0.00016	1	06/10/25 13:51	06/20/25 10:57	EPA 3005A	1,6020B	BLR
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	06/10/25 13:51	06/20/25 10:57	EPA 3005A	1,6020B	BLR
Calcium, Total	110.		mg/l	0.100	0.0394	1	06/10/25 13:51	06/20/25 10:57	EPA 3005A	1,6020B	BLR
Iron, Total	0.394		mg/l	0.0500	0.0191	1	06/10/25 13:51	06/20/25 10:57	EPA 3005A	1,6020B	BLR
Lead, Total	0.00141		mg/l	0.00100	0.00034	1	06/10/25 13:51	06/20/25 10:57	EPA 3005A	1,6020B	BLR
Magnesium, Total	30.3		mg/l	0.0700	0.0242	1	06/10/25 13:51	06/20/25 10:57	EPA 3005A	1,6020B	BLR
Manganese, Total	0.4296		mg/l	0.00100	0.00044	1	06/10/25 13:51	06/20/25 10:57	EPA 3005A	1,6020B	BLR
Potassium, Total	3.82		mg/l	0.100	0.0309	1	06/10/25 13:51	06/20/25 10:57	EPA 3005A	1,6020B	BLR
Sodium, Total	45.1		mg/l	0.500	0.0293	1	06/10/25 13:51	06/20/25 10:57	EPA 3005A	1,6020B	BLR
Total Hardness (by calculation) - Mansfield Lab											
Hardness	399.2		mg/l	0.5400	NA	1	06/10/25 13:51	06/20/25 10:57	EPA 3005A	1,6020B	BLR

Project Name: ORANGE COUNTY LANDFILL
Lab Number: L2533668
Project Number: 2025-38
Report Date: 06/25/25

SAMPLE RESULTS

Lab ID: L2533668-03
Client ID: MH-7
Sample Location: GOSHEN, NY
Date Collected: 05/29/25 12:00
Date Received: 05/30/25
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	0.00682		mg/l	0.00250	0.00082	5	06/10/25 13:51	06/20/25 11:02	EPA 3005A	1,6020B	BLR
Cadmium, Total	ND		mg/l	0.00100	0.00029	5	06/10/25 13:51	06/20/25 11:02	EPA 3005A	1,6020B	BLR
Calcium, Total	102.		mg/l	0.500	0.197	5	06/10/25 13:51	06/20/25 11:02	EPA 3005A	1,6020B	BLR
Iron, Total	2.43		mg/l	0.250	0.0955	5	06/10/25 13:51	06/20/25 11:02	EPA 3005A	1,6020B	BLR
Lead, Total	0.00416	J	mg/l	0.00500	0.00171	5	06/10/25 13:51	06/20/25 11:02	EPA 3005A	1,6020B	BLR
Magnesium, Total	71.2		mg/l	0.350	0.121	5	06/10/25 13:51	06/20/25 11:02	EPA 3005A	1,6020B	BLR
Manganese, Total	0.2675		mg/l	0.00500	0.00220	5	06/10/25 13:51	06/20/25 11:02	EPA 3005A	1,6020B	BLR
Potassium, Total	158.		mg/l	0.500	0.154	5	06/10/25 13:51	06/20/25 11:02	EPA 3005A	1,6020B	BLR
Sodium, Total	667.		mg/l	2.50	0.146	5	06/10/25 13:51	06/20/25 11:02	EPA 3005A	1,6020B	BLR
Total Hardness (by calculation) - Mansfield Lab											
Hardness	549.4		mg/l	2.700	NA	5	06/10/25 13:51	06/20/25 11:02	EPA 3005A	1,6020B	BLR

Project Name: ORANGE COUNTY LANDFILL **Lab Number:** L2533668

Project Number: 2025-38 **Report Date:** 06/25/25

SAMPLE RESULTS

Lab ID: L2533668-04 Date Collected: 05/29/25 11:10

Client ID: MH-15 Date Received: 05/30/25

Sample Location: GOSHEN, 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	0.00127		mg/l	0.00050	0.00016	1	06/10/25 13:51	06/20/25 11:06	EPA 3005A	1,6020B	BLR
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	06/10/25 13:51	06/20/25 11:06	EPA 3005A	1,6020B	BLR
Calcium, Total	142.		mg/l	0.100	0.0394	1	06/10/25 13:51	06/20/25 11:06	EPA 3005A	1,6020B	BLR
Iron, Total	11.5		mg/l	0.0500	0.0191	1	06/10/25 13:51	06/20/25 11:06	EPA 3005A	1,6020B	BLR
Lead, Total	ND		mg/l	0.00100	0.00034	1	06/10/25 13:51	06/20/25 11:06	EPA 3005A	1,6020B	BLR
Magnesium, Total	20.6		mg/l	0.0700	0.0242	1	06/10/25 13:51	06/20/25 11:06	EPA 3005A	1,6020B	BLR
Manganese, Total	0.9973		mg/l	0.00100	0.00044	1	06/10/25 13:51	06/20/25 11:06	EPA 3005A	1,6020B	BLR
Potassium, Total	10.2		mg/l	0.100	0.0309	1	06/10/25 13:51	06/20/25 11:06	EPA 3005A	1,6020B	BLR
Sodium, Total	35.7		mg/l	0.500	0.0293	1	06/10/25 13:51	06/20/25 11:06	EPA 3005A	1,6020B	BLR
Total Hardness (by calculation) - Mansfield Lab											
Hardness	440.9		mg/l	0.5400	NA	1	06/10/25 13:51	06/20/25 11:06	EPA 3005A	1,6020B	BLR

Project Name: ORANGE COUNTY LANDFILL **Lab Number:** L2533668

Project Number: 2025-38 **Report Date:** 06/25/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-04 Batch: WG2077124-1										
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	06/10/25 13:51	06/13/25 17:23	1,6020B	WKP
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	06/10/25 13:51	06/13/25 17:23	1,6020B	WKP
Calcium, Total	ND		mg/l	0.100	0.0394	1	06/10/25 13:51	06/13/25 17:23	1,6020B	WKP
Iron, Total	ND		mg/l	0.0500	0.0191	1	06/10/25 13:51	06/13/25 17:23	1,6020B	WKP
Lead, Total	ND		mg/l	0.00100	0.00034	1	06/10/25 13:51	06/13/25 17:23	1,6020B	WKP
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	06/10/25 13:51	06/13/25 17:23	1,6020B	WKP
Manganese, Total	ND		mg/l	0.00100	0.00044	1	06/10/25 13:51	06/13/25 17:23	1,6020B	WKP
Potassium, Total	ND		mg/l	0.100	0.0309	1	06/10/25 13:51	06/13/25 17:23	1,6020B	WKP
Sodium, Total	ND		mg/l	0.500	0.0293	1	06/10/25 13:51	06/13/25 17:23	1,6020B	WKP

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Hardness (by calculation) - Mansfield Lab for sample(s): 01-04 Batch: WG2077124-1										
Hardness	ND		mg/l	0.5400	NA	1	06/10/25 13:51	06/13/25 17:23	1,6020B	WKP

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis
Batch Quality Control

Project Name: ORANGE COUNTY LANDFILL
Project Number: 2025-38

Lab Number: L2533668
Report Date: 06/25/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG2077124-2								
Arsenic, Total	108		-		80-120	-		
Cadmium, Total	103		-		80-120	-		
Calcium, Total	96		-		80-120	-		
Iron, Total	109		-		80-120	-		
Lead, Total	102		-		80-120	-		
Magnesium, Total	101		-		80-120	-		
Manganese, Total	106		-		80-120	-		
Potassium, Total	107		-		80-120	-		
Sodium, Total	106		-		80-120	-		
Total Hardness (by calculation) - Mansfield Lab Associated sample(s): 01-04 Batch: WG2077124-2								
Hardness	99		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: ORANGE COUNTY LANDFILL
Project Number: 2025-38

Lab Number: L2533668
Report Date: 06/25/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG2077124-3 QC Sample: L2534813-01 Client ID: MS Sample												
Arsenic, Total	ND	0.12	0.1254	104		-	-		75-125	-		20
Cadmium, Total	0.0001J	0.053	0.05530	104		-	-		75-125	-		20
Calcium, Total	86.3	10	99.5	**132**	Q	-	-		75-125	-		20
Iron, Total	0.460	1	1.58	112		-	-		75-125	-		20
Lead, Total	0.0007J	0.53	0.5486	104		-	-		75-125	-		20
Magnesium, Total	29.2	10	42.5	**133**	Q	-	-		75-125	-		20
Manganese, Total	1.611	0.5	2.177	113		-	-		75-125	-		20
Potassium, Total	5.20	10	16.1	109		-	-		75-125	-		20
Sodium, Total	79.1	10	90.8	117		-	-		75-125	-		20
Total Hardness (by calculation) - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG2077124-3 QC Sample: L2534813-01 Client ID: MS Sample												
Hardness	335.8	66.2	423.4	**132**	Q	-	-		75-125	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ORANGE COUNTY LANDFILL

Project Number: 2025-38

Lab Number: L2533668

Report Date: 06/25/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG2077124-4 QC Sample: L2534813-01 Client ID: DUP Sample						
Iron, Total	0.460	0.506	mg/l	10		20

INORGANICS
&
MISCELLANEOUS

Project Name: ORANGE COUNTY LANDFILL
Project Number: 2025-38
Lab Number: L2533668
Report Date: 06/25/25

SAMPLE RESULTS

Lab ID: L2533668-01
Client ID: MW-245S
Sample Location: GOSHEN, NY
Sample Depth:
Matrix: Water

Date Collected: 05/29/25 10:00
Date Received: 05/30/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	370.		mg CaCO3/L	2.00	NA	1	-	06/10/25 14:54	121,2320B	MRW
Solids, Total Dissolved	640		mg/l	13	4.0	1.3	-	06/05/25 01:22	121,2540C	DEW
Nitrogen, Ammonia	0.862		mg/l	0.375	0.120	5	06/24/25 21:54	06/25/25 10:32	44,350.1	KEM
Nitrogen, Nitrate	0.072	J	mg/l	0.10	0.023	1	-	05/31/25 03:48	44,353.2	KAF
Nitrogen, Total Kjeldahl	1.38		mg/l	0.600	0.132	2	06/20/25 13:15	06/24/25 12:22	4,351.1	KEM
Chemical Oxygen Demand	25.		mg/l	10	2.7	1	06/12/25 13:06	06/12/25 16:07	44,410.4	CVN
BOD, 5 day	ND		mg/l	2.0	NA	1	05/30/25 22:32	06/04/25 21:28	121,5210B	JRG
Total Organic Carbon	2.19		mg/l	0.500	0.097	1	-	06/06/25 01:27	121,5310C	DEW
Phenolics, Total	ND		mg/l	0.030	0.006	1	06/13/25 09:10	06/13/25 14:08	4,420.1	KEM
Anions by Ion Chromatography - Westborough Lab										
Bromide	ND		mg/l	0.500	0.132	10	-	06/11/25 16:31	44,300.0	CVN
Chloride	36.5		mg/l	5.00	0.839	10	-	06/11/25 16:31	44,300.0	CVN
Sulfate	146.		mg/l	10.0	4.54	10	-	06/11/25 16:31	44,300.0	CVN

Project Name: ORANGE COUNTY LANDFILL
Project Number: 2025-38
Lab Number: L2533668
Report Date: 06/25/25

SAMPLE RESULTS

Lab ID: L2533668-02
Client ID: MW-245D
Sample Location: GOSHEN, NY
Sample Depth:
Matrix: Water

Date Collected: 05/29/25 10:45
Date Received: 05/30/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	375.		mg CaCO3/L	2.00	NA	1	-	06/10/25 15:06	121,2320B	MRW
Solids, Total Dissolved	560		mg/l	13	4.0	1.3	-	06/05/25 01:22	121,2540C	DEW
Nitrogen, Ammonia	5.04		mg/l	0.075	0.024	1	06/24/25 21:54	06/25/25 10:33	44,350.1	KEM
Nitrogen, Nitrate	0.44		mg/l	0.10	0.023	1	-	05/31/25 03:49	44,353.2	KAF
Nitrogen, Total Kjeldahl	5.39		mg/l	0.300	0.066	1	06/20/25 13:15	06/24/25 12:23	4,351.1	KEM
Chemical Oxygen Demand	23.		mg/l	10	2.7	1	06/12/25 13:06	06/12/25 16:07	44,410.4	CVN
BOD, 5 day	11		mg/l	5.0	NA	2.5	05/30/25 22:32	06/04/25 21:28	121,5210B	JRG
Total Organic Carbon	2.73		mg/l	0.500	0.097	1	-	06/06/25 01:27	121,5310C	DEW
Phenolics, Total	ND		mg/l	0.030	0.006	1	06/13/25 09:10	06/13/25 14:09	4,420.1	KEM
Anions by Ion Chromatography - Westborough Lab										
Bromide	0.080		mg/l	0.050	0.013	1	-	06/11/25 17:07	44,300.0	CVN
Chloride	45.6		mg/l	0.500	0.083	1	-	06/11/25 17:07	44,300.0	CVN
Sulfate	67.0		mg/l	1.00	0.454	1	-	06/11/25 17:07	44,300.0	CVN

Project Name: ORANGE COUNTY LANDFILL
Project Number: 2025-38
Lab Number: L2533668
Report Date: 06/25/25

SAMPLE RESULTS

Lab ID: L2533668-03
Client ID: MH-7
Sample Location: GOSHEN, NY
Sample Depth:
Matrix: Water

Date Collected: 05/29/25 12:00
Date Received: 05/30/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	1640		mg CaCO3/L	20.0	NA	10	-	06/10/25 16:09	121,2320B	MRW
Solids, Total Dissolved	2700		mg/l	33	10.	3.3	-	06/05/25 01:22	121,2540C	DEW
Nitrogen, Ammonia	281.		mg/l	3.75	1.20	50	06/24/25 21:54	06/25/25 10:53	44,350.1	KEM
Nitrogen, Nitrate	4.1		mg/l	0.50	0.11	5	-	05/31/25 06:22	44,353.2	KAF
Nitrogen, Total Kjeldahl	307.		mg/l	15.0	3.30	50	06/20/25 13:15	06/24/25 13:15	4,351.1	KEM
Chemical Oxygen Demand	340		mg/l	100	27.	10	06/12/25 13:06	06/12/25 16:07	44,410.4	CVN
BOD, 5 day	16		mg/l	10	NA	5	05/30/25 22:32	06/04/25 21:28	121,5210B	JRG
Total Organic Carbon	128.		mg/l	20.0	3.88	40	-	06/06/25 01:27	121,5310C	DEW
Phenolics, Total	ND		mg/l	0.030	0.006	1	06/13/25 09:10	06/13/25 14:10	4,420.1	KEM
Anions by Ion Chromatography - Westborough Lab										
Bromide	9.50		mg/l	5.00	1.32	100	-	06/11/25 17:32	44,300.0	CVN
Chloride	1100		mg/l	50.0	8.39	100	-	06/11/25 17:32	44,300.0	CVN
Sulfate	94.2	J	mg/l	100	45.4	100	-	06/11/25 17:32	44,300.0	CVN

Project Name: ORANGE COUNTY LANDFILL
Project Number: 2025-38
Lab Number: L2533668
Report Date: 06/25/25

SAMPLE RESULTS

Lab ID: L2533668-04
Client ID: MH-15
Sample Location: GOSHEN, NY
Sample Depth:
Matrix: Water

Date Collected: 05/29/25 11:10
Date Received: 05/30/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	483.		mg CaCO3/L	2.00	NA	1	-	06/10/25 15:27	121,2320B	MRW
Solids, Total Dissolved	550		mg/l	13	4.0	1.3	-	06/05/25 01:22	121,2540C	DEW
Nitrogen, Ammonia	14.2		mg/l	0.750	0.240	10	06/24/25 21:54	06/25/25 10:54	44,350.1	KEM
Nitrogen, Nitrate	0.10		mg/l	0.10	0.023	1	-	05/31/25 05:18	44,353.2	KAF
Nitrogen, Total Kjeldahl	14.9		mg/l	0.300	0.066	1	06/20/25 13:15	06/24/25 13:16	4,351.1	KEM
Chemical Oxygen Demand	39.		mg/l	10	2.7	1	06/12/25 13:06	06/12/25 16:07	44,410.4	CVN
BOD, 5 day	8.3		mg/l	2.0	NA	1	05/30/25 22:32	06/04/25 21:28	121,5210B	JRG
Total Organic Carbon	11.8		mg/l	1.00	0.194	2	-	06/06/25 01:27	121,5310C	DEW
Phenolics, Total	ND		mg/l	0.030	0.006	1	06/13/25 09:10	06/13/25 14:11	4,420.1	KEM
Anions by Ion Chromatography - Westborough Lab										
Bromide	0.274		mg/l	0.050	0.013	1	-	06/11/25 17:44	44,300.0	CVN
Chloride	42.4		mg/l	0.500	0.083	1	-	06/11/25 17:44	44,300.0	CVN
Sulfate	2.70		mg/l	1.00	0.454	1	-	06/11/25 17:44	44,300.0	CVN

Project Name: ORANGE COUNTY LANDFILL **Lab Number:** L2533668

Project Number: 2025-38 **Report Date:** 06/25/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-04 Batch: WG2073290-1										
BOD, 5 day	ND		mg/l	2.0	NA	1	05/30/25 22:32	06/04/25 21:28	121,5210B	JRG
General Chemistry - Westborough Lab for sample(s): 01-04 Batch: WG2073325-1										
Nitrogen, Nitrate	ND		mg/l	0.10	0.023	1	-	05/31/25 03:20	44,353.2	KAF
General Chemistry - Westborough Lab for sample(s): 01-04 Batch: WG2075071-1										
Solids, Total Dissolved	4.0	J	mg/l	10	3.1	1	-	06/05/25 01:22	121,2540C	DEW
General Chemistry - Westborough Lab for sample(s): 01-04 Batch: WG2075570-1										
Total Organic Carbon	ND		mg/l	0.500	0.097	1	-	06/06/25 01:27	121,5310C	DEW
General Chemistry - Westborough Lab for sample(s): 01-04 Batch: WG2077057-1										
Alkalinity, Total	ND		mg CaCO3/L	2.00	NA	1	-	06/10/25 16:22	121,2320B	MRW
Anions by Ion Chromatography - Westborough Lab for sample(s): 01-04 Batch: WG2077691-1										
Bromide	ND		mg/l	0.050	0.013	1	-	06/11/25 08:16	44,300.0	CVN
Chloride	0.117	J	mg/l	0.500	0.083	1	-	06/11/25 08:16	44,300.0	CVN
Sulfate	0.720	J	mg/l	1.00	0.454	1	-	06/11/25 08:16	44,300.0	CVN
General Chemistry - Westborough Lab for sample(s): 01-04 Batch: WG2078142-1										
Chemical Oxygen Demand	ND		mg/l	10	2.7	1	06/12/25 13:06	06/12/25 16:07	44,410.4	CVN
General Chemistry - Westborough Lab for sample(s): 01-04 Batch: WG2078499-1										
Phenolics, Total	ND		mg/l	0.030	0.006	1	06/13/25 09:10	06/13/25 14:07	4,420.1	KEM
General Chemistry - Westborough Lab for sample(s): 01-04 Batch: WG2081392-1										
Nitrogen, Total Kjeldahl	0.173	J	mg/l	0.300	0.022	1	06/20/25 13:15	06/24/25 12:15	4,351.1	KEM
General Chemistry - Westborough Lab for sample(s): 01-04 Batch: WG2082868-1										
Nitrogen, Ammonia	ND		mg/l	0.075	0.024	1	06/24/25 21:54	06/25/25 10:07	44,350.1	KEM

Lab Control Sample Analysis
Batch Quality Control

Project Name: ORANGE COUNTY LANDFILL
Project Number: 2025-38

Lab Number: L2533668
Report Date: 06/25/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-04 Batch: WG2073290-2								
BOD, 5 day	110		-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-04 Batch: WG2073325-2								
Nitrogen, Nitrate	100		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01-04 Batch: WG2075071-2								
Solids, Total Dissolved	108		-		80-120	-		
General Chemistry - Westborough Lab Associated sample(s): 01-04 Batch: WG2075570-2								
Total Organic Carbon	101		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01-04 Batch: WG2077057-2								
Alkalinity, Total	105		-		90-110	-		10
Anions by Ion Chromatography - Westborough Lab Associated sample(s): 01-04 Batch: WG2077691-2								
Bromide	91		-		90-110	-		
Chloride	100		-		90-110	-		
Sulfate	98		-		90-110	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: ORANGE COUNTY LANDFILL
Project Number: 2025-38

Lab Number: L2533668
Report Date: 06/25/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-04 Batch: WG2078142-2					
Chemical Oxygen Demand	104	-	90-110	-	
General Chemistry - Westborough Lab Associated sample(s): 01-04 Batch: WG2078499-2					
Phenolics, Total	91	-	70-130	-	
General Chemistry - Westborough Lab Associated sample(s): 01-04 Batch: WG2081392-2					
Nitrogen, Total Kjeldahl	94	-	78-122	-	
General Chemistry - Westborough Lab Associated sample(s): 01-04 Batch: WG2082868-2					
Nitrogen, Ammonia	90	-	90-110	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ORANGE COUNTY LANDFILL
Project Number: 2025-38

Lab Number: L2533668
Report Date: 06/25/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG2073290-4 QC Sample: L2533668-02 Client ID: MW-245D												
BOD, 5 day	11	100	90	79		-	-		50-145	-		35
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG2073325-4 QC Sample: L2533682-01 Client ID: MS Sample												
Nitrogen, Nitrate	4.1	4	8.1	100		-	-		83-113	-		6
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG2073325-6 QC Sample: L2533711-01 Client ID: MS Sample												
Nitrogen, Nitrate	0.061J	4	4.2	105		-	-		83-113	-		6
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG2075570-4 QC Sample: L2533302-02 Client ID: MS Sample												
Total Organic Carbon	2.39	16	21.2	**118**	Q	-	-		85-115	-		15
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG2075570-6 QC Sample: L2533302-03 Client ID: MS Sample												
Total Organic Carbon	3.59	16	21.4	111		-	-		85-115	-		15
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG2077057-4 QC Sample: L2533354-01 Client ID: MS Sample												
Alkalinity, Total	37.9	100	143	105		-	-		86-116	-		10
Anions by Ion Chromatography - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG2077691-3 QC Sample: L2534507-03 Client ID: MS Sample												
Bromide	0.448	0.4	0.771	**80**	Q	-	-		90-110	-		20
Sulfate	2.20	8	9.44	90		-	-		90-110	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG2078142-3 QC Sample: L2536448-01 Client ID: MS Sample												
Chemical Oxygen Demand	6.7J	47.6	52	109		-	-		90-110	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG2078499-4 QC Sample: L2533668-04 Client ID: MH-15												
Phenolics, Total	ND	0.4	0.009J	**0**	Q	-	-		70-130	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ORANGE COUNTY LANDFILL
Project Number: 2025-38

Lab Number: L2533668
Report Date: 06/25/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG2081392-4 QC Sample: L2533668-02 Client ID: MW-245D										
Nitrogen, Total Kjeldahl	5.39	8	15.2	**123**	Q	-	-	77-111	-	24
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG2082868-4 QC Sample: L2533668-04 Client ID: MH-15										
Nitrogen, Ammonia	14.2	4	16.8	**65**	Q	-	-	90-110	-	20
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG2082868-6 QC Sample: L2533706-02 Client ID: MS Sample										
Nitrogen, Ammonia	0.303	4	4.14	96		-	-	90-110	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ORANGE COUNTY LANDFILL
Project Number: 2025-38

Lab Number: L2533668
Report Date: 06/25/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG2073290-3 QC Sample: L2533668-02 Client ID: MW-245D						
BOD, 5 day	11	11	mg/l	2		35
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG2073325-3 QC Sample: L2533682-01 Client ID: DUP Sample						
Nitrogen, Nitrate	4.1	4.1	mg/l	0		6
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG2073325-5 QC Sample: L2533711-01 Client ID: DUP Sample						
Nitrogen, Nitrate	0.061J	0.058J	mg/l	NC		6
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG2075071-3 QC Sample: L2533668-01 Client ID: MW-245S						
Solids, Total Dissolved	640	640	mg/l	0		10
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG2075071-4 QC Sample: L2533668-02 Client ID: MW-245D						
Solids, Total Dissolved	560	540	mg/l	4		10
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG2075570-3 QC Sample: L2533302-02 Client ID: DUP Sample						
Total Organic Carbon	2.39	2.35	mg/l	2		15
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG2075570-5 QC Sample: L2533302-03 Client ID: DUP Sample						
Total Organic Carbon	3.59	3.54	mg/l	1		15
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG2077057-3 QC Sample: L2533354-01 Client ID: DUP Sample						
Alkalinity, Total	37.9	36.9	mg CaCO3/L	3		10

Lab Duplicate Analysis

Batch Quality Control

Project Name: ORANGE COUNTY LANDFILL
Project Number: 2025-38

Lab Number: L2533668
Report Date: 06/25/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Anions by Ion Chromatography - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG2077691-4 QC Sample: L2534507-03 Client ID: DUP Sample					
Bromide	0.448	0.449	mg/l	0	20
Sulfate	2.20	2.20	mg/l	0	20
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG2078142-4 QC Sample: L2536448-01 Client ID: DUP Sample					
Chemical Oxygen Demand	6.7J	4.5J	mg/l	NC	20
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG2078499-3 QC Sample: L2533668-04 Client ID: MH-15					
Phenolics, Total	ND	ND	mg/l	NC	20
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG2081392-3 QC Sample: L2533668-02 Client ID: MW-245D					
Nitrogen, Total Kjeldahl	5.39	5.51	mg/l	2	24
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG2082868-3 QC Sample: L2533668-04 Client ID: MH-15					
Nitrogen, Ammonia	14.2	13.3	mg/l	7	20
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG2082868-5 QC Sample: L2533706-02 Client ID: DUP Sample					
Nitrogen, Ammonia	0.303	0.287	mg/l	5	20

Project Name: ORANGE COUNTY LANDFILL
Project Number: 2025-38

Lab Number: L2533668
Report Date: 06/25/25

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(*)
L2533668-01A	Vial H2SO4 preserved	A	NA		2.7	Y	Absent		TOC-5310(28)
L2533668-01B	Vial H2SO4 preserved	A	NA		2.7	Y	Absent		TOC-5310(28)
L2533668-01C	Plastic 250ml unpreserved/No Headspace	A	NA		2.7	Y	Absent		ALK-T-2320(14)
L2533668-01D	Plastic 250ml HNO3 preserved	A	<2	<2	2.7	Y	Absent		FE-6020T(180),CA-6020T(180),K-6020T(180),NA-6020T(180),PB-6020T(180),MN-6020T(180),AS-6020T(180),HARDT-6020(180),MG-6020T(180),CD-6020T(180)
L2533668-01E	Plastic 500ml H2SO4 preserved	A	<2	<2	2.7	Y	Absent		TKN-351(28),COD-410-LOW(28),NH3-350(28)
L2533668-01F	Plastic 950ml unpreserved	A	7	7	2.7	Y	Absent		SO4-300(28),CL-300(28),NO3-353(2),BR-300(28),BOD-5210(2),TDS-2540(7)
L2533668-01G	Amber 1000ml H2SO4 preserved	A	<2	<2	2.7	Y	Absent		NY-TPHENOL-420(28)
L2533668-02A	Vial H2SO4 preserved	A	NA		2.7	Y	Absent		TOC-5310(28)
L2533668-02B	Vial H2SO4 preserved	A	NA		2.7	Y	Absent		TOC-5310(28)
L2533668-02C	Plastic 250ml unpreserved/No Headspace	A	NA		2.7	Y	Absent		ALK-T-2320(14)
L2533668-02D	Plastic 250ml HNO3 preserved	A	<2	<2	2.7	Y	Absent		FE-6020T(180),K-6020T(180),CA-6020T(180),NA-6020T(180),PB-6020T(180),MN-6020T(180),AS-6020T(180),CD-6020T(180),MG-6020T(180),HARDT-6020(180)
L2533668-02E	Plastic 500ml H2SO4 preserved	A	<2	<2	2.7	Y	Absent		TKN-351(28),COD-410-LOW(28),NH3-350(28)
L2533668-02F	Plastic 950ml unpreserved	A	7	7	2.7	Y	Absent		SO4-300(28),CL-300(28),BR-300(28),NO3-353(2),TDS-2540(7),BOD-5210(2)
L2533668-02G	Amber 1000ml H2SO4 preserved	A	<2	<2	2.7	Y	Absent		NY-TPHENOL-420(28)
L2533668-03A	Vial H2SO4 preserved	A	NA		2.7	Y	Absent		TOC-5310(28)
L2533668-03B	Vial H2SO4 preserved	A	NA		2.7	Y	Absent		TOC-5310(28)
L2533668-03C	Plastic 250ml unpreserved/No Headspace	A	NA		2.7	Y	Absent		ALK-T-2320(14)

*Values in parentheses indicate holding time in days

Project Name: ORANGE COUNTY LANDFILL
Project Number: 2025-38

Lab Number: L2533668
Report Date: 06/25/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2533668-03D	Plastic 250ml HNO3 preserved	A	<2	<2	2.7	Y	Absent		FE-6020T(180),CA-6020T(180),K-6020T(180),NA-6020T(180),PB-6020T(180),MN-6020T(180),AS-6020T(180),HARDT-6020(180),MG-6020T(180),CD-6020T(180)
L2533668-03E	Plastic 500ml H2SO4 preserved	A	<2	<2	2.7	Y	Absent		TKN-351(28),COD-410-LOW(28),NH3-350(28)
L2533668-03F	Plastic 950ml unpreserved	A	7	7	2.7	Y	Absent		SO4-300(28),CL-300(28),TDS-2540(7),NO3-353(2),BOD-5210(2),BR-300(28)
L2533668-03G	Amber 1000ml H2SO4 preserved	A	<2	<2	2.7	Y	Absent		NY-TPHENOL-420(28)
L2533668-04A	Vial H2SO4 preserved	A	NA		2.7	Y	Absent		TOC-5310(28)
L2533668-04B	Vial H2SO4 preserved	A	NA		2.7	Y	Absent		TOC-5310(28)
L2533668-04C	Plastic 250ml unpreserved/No Headspace	A	NA		2.7	Y	Absent		ALK-T-2320(14)
L2533668-04D	Plastic 250ml HNO3 preserved	A	<2	<2	2.7	Y	Absent		FE-6020T(180),CA-6020T(180),K-6020T(180),NA-6020T(180),PB-6020T(180),MN-6020T(180),AS-6020T(180),HARDT-6020(180),CD-6020T(180),MG-6020T(180)
L2533668-04E	Plastic 500ml H2SO4 preserved	A	<2	<2	2.7	Y	Absent		TKN-351(28),COD-410-LOW(28),NH3-350(28)
L2533668-04F	Plastic 950ml unpreserved	A	7	7	2.7	Y	Absent		SO4-300(28),CL-300(28),TDS-2540(7),BR-300(28),NO3-353(2),BOD-5210(2)
L2533668-04G	Amber 1000ml H2SO4 preserved	A	<2	<2	2.7	Y	Absent		NY-TPHENOL-420(28)

*Values in parentheses indicate holding time in days

Project Name:	ORANGE COUNTY LANDFILL	**Lab Number:**	L2533668
Project Number:	2025-38	**Report Date:**	06/25/25

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:	ORANGE COUNTY LANDFILL	**Lab Number:**	L2533668
Project Number:	2025-38	**Report Date:**	06/25/25

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:	ORANGE COUNTY LANDFILL	**Lab Number:**	L2533668
Project Number:	2025-38	**Report Date:**	06/25/25

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: ORANGE COUNTY LANDFILL **Lab Number:** L2533668

Project Number: 2025-38 **Report Date:** 06/25/25

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

4 Methods for Chemical Analysis of Water and Wastes. EPA 600/4-79-020. Revised March 1983.

44 Methods for the Determination of Inorganic Substances in Environmental Samples, EPA/600/R-93/100, August 1993.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

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 (of)

Date Rec'd in Lab: 5/30/25

ALPHA Job #: L2533668

Client Information
Client: Sterling Env. Eng.
Address: 24 Wade Rd
Latham, NY 12110
Phone: (518) 456-4900
Fax:
Email: See Below

Project Information
Project Name: Orange County Landfill
Project Location: Goshen, NY
Project # 2025-38
(Use Project name as Project #) ☐
Project Manager: Andrew Millspaugh
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:

andrew.millspaugh@sterlingenvironmental.com
brian.chew@sterlingenvironmental.com

Please specify Metals or TAL. *Total Metals: As, Ca, Cd, Fe, K, Mg, Mn, Na, Pb

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	T-Phenol	*Total Metals, Hardness	NH3, TKN, COD	Alkalinity	TOC	TDS, SO4, BOD, BR, CL, NO3			Sample Specific Comments	Total Bottle
33668 01	MW-24S	5/29/25	10:00	GW	BTC	X	X	X	X	X	X				7
-02	MW-24D	↓	10:45	↓	↓	X	X	X	X	X	X				7
-03	MH-7		12:00			X	X	X	X	X	X				7
-04	MH-15	↓	11:10	↓	↓	X	X	X	X	X	X				7

Container Type	A	P	P	P	V	P		
Preservative	D	C	D	A	D	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
	05/29/25 18:00		5/29 2230
	5/30 215		05130125-0215

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)